

# Randall James Wilson

Patient Health Summary, generated on Feb. 06, 2023

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Patient	Demographics	· Mala	norn May	16 105/
I aticit	Demograpine	<b>)</b> - iviale, i	JUITI IVIAY	10, 1334

Patient Address Communication Language Marital Status

238 GREENSWAY AVE 2521 613-863-9319 (Mobile) English - Spoken (Preferred) Unknown

OTTAWA ON K1L 7V4 613-748-0158 (Home)

613-236-3902-x22 (Work)

rwilson@premierepropertymgt.com Former (Apr. 15, 2019 - Mar. Rwilson@premierepropertymgt.com

*30, 2022):* dwils8@hotmail.com

30, 2022): dwiis8@notmaii.com

238 GREENSWAY AVE 2521 VANIER ON K1L 7V4

# Note from Atlas Alliance

This document contains information that was shared with Randall James Wilson. It may not contain the entire record from Atlas Alliance.

# Allergies

CAN (Home)

CAN (Home)

No known active allergies

# Medications

# filgrastim (GRASTOFIL) 300 mcg/0.5 mL syringe (Started 27/9/2022)

Inject 0.5 mL (300 mcg) under the skin 1 (one) time each day. Start 24 hours after chemotherapy for 3 days after each chemotherapy

### mometasone (Nasonex) 50 mcg/actuation nasal spray (Started 15/12/2022)

Administer 2 sprays into each nostril 1 (one) time each day.

### betamethasone valerate (Betaderm) 0.05 % ointment (Started 27/12/2022)

Apply 1 application topically 2 (two) times a day.

### predniSONE 1 mg tablet (Started 26/1/2023)

Take 5 tabs (50mg) daily for 2 days, then take 4 tabs (40mg) daily for 2 days. Continue to decrease by 1 tab (10mg) every 2 days until gone.

# predniSONE 5 mg tablet (Started 26/1/2023)

Take 10 tablets (50 mg) by mouth 1 (one) time each day for 14 days.

# predniSONE 5 mg tablet (Started 10/2/2023)

Take 8 tablets (40 mg) by mouth 1 (one) time each day for 2 days. Do not start before 10 February 2023.

### predniSONE 5 mg tablet (Started 12/2/2023)

Take 6 tablets (30 mg) by mouth 1 (one) time each day for 2 days. Do not start before 12 February 2023.

# predniSONE 5 mg tablet (Started 14/2/2023)

Take 4 tablets (20 mg) by mouth 1 (one) time each day for 2 days. Do not start before 14 February 2023.

## predniSONE 5 mg tablet (Started 16/2/2023)

Take 2 tablets (10 mg) by mouth 1 (one) time each day for 2 days. Do not start before 16 February 2023.

# predniSONE 5 mg tablet (Started 18/2/2023)

Take 1 tablet (5 mg) by mouth 1 (one) time each day for 2 days. Do not start before 18 February 2023.

## levoFLOXacin (LEVAQUIN) 750 mg tablet (Started 3/2/2023)

Take 1 tablet (750 mg) by mouth 1 (one) time each day for 10 days.

### **Ended Medications**

# sodium bicarb-sodium chloride (Sinus Rinse) packet (Started 15/12/2022) (Expired)

1 packet by sinus irrigation route 2 (two) times a day if needed (sinus congestion) for up to 30 days.

### predniSONE 1 mg tablet (Started 10/1/2023) (Discontinued)

Take 5 tabs (50mg) daily for 2 days, then take 4 tabs (40mg) daily for 2 days. Continue to decrease by 1 tab (10mg) every 2 days until gone.

# **■** A

# **Active Problems**

No known active problems

G	Social History							
	Tobacco Use	Types			Packs/Day	Years Us	ed Date	
	Former Smoker	Cigarette	es		0.75	14	Quit:	1986
	Alcohol Use	Standard	l Drinks/We	ek				
	Yes	1 (1 stan	dard drink	= 18 mL pure	alcohol)			
là	Last Filad Vital Cia							
	Last Filed Vital Sig							
-	Vital Sign Blood Pressure	Reading			Time Taken		Comr	ments
	Pulse	130/64 91				9:02 AM EST		
	Temperature	36.6 °C (	07 0 °E\			3 9:02 AM EST 3 9:02 AM EST		
	Respiratory Rate	18	97.9 Г)			3 9:02 AW EST		
	Oxygen Saturation	99%				3 9:02 AW EST		
	Inhaled Oxygen Concentrat				-	9.02 AIVI L31		
	Weight		142 lb 3.2 c	77)	04/01/2023	3:11 PM EST		
	Height	169 cm (		<i>,</i>		2 10:27 AM EDT		
	Body Mass Index	22.58	J 0.5 . ,			2 10:27 AM EDT		
20	,				-,,			
$\Lambda$	Procedures							
	TRANSTHORACIC ECHO ( TRANSTHORACIC ECHO (							
	TRAINSTHURACIC ECHO (	TTE) COMPLET	E (Periorine	eu 24/2/2022,	)			
ᇫ	Results							
	GLUCOSE RANDOM - Fi	nal result (26,	01/2023 9	9:32 AM EST	.)			
		,	Ref		,	Analysis	Performed	
	Component	Value	Range	Test Method	d	Time	At	Pathologist Signature
	Glucose Random	7.5	4.0 - 11.0 mmol/L			26/01/2023 10:13 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Specimen (Source)	Anatomical Lo Laterality	cation /	Collection M Volume	lethod /	Collection Ti		Received Time
	Blood (Blood, Venous)	,		Blood Collec Unknown	ction /	26/01/2023	9:32 AM EST	26/01/2023 9:43 AM EST
	Authorizing Provider	Result Type						
	James Christopher Worrall	LAB BLOOD O	RDERABLES					
	Performing Organization	Address		City/State/ZI	IP Code	Phone Numb	ner	
	THE OTTAWA HOSPITAL - GENERAL SITE		ad	Ottawa, K1F		THORIC HUILI		
	(ABNORMAL) AUTOMATE	D DIFFERENTI	AL - Final re	esult (26/01/	2023 9:32 <i>l</i>	AM EST)		
			Ref			Analysis	Performed	
	Component	Value	Range	Test Method	d	Time	At	Pathologist Signature
	Neutrophil	9.30 (H)	2.00 - 7.50 x10*9/L			26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Lymphocyte	0.97	0.80 - 3.50 x10*9/L			26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL	

					SITE	
Monocyte	0.79	0.10 -		26/01/2023	THE	
		1.00		9:49 AM	OTTAWA	
		x10*9/L		EST	HOSPITAL - GENERAL	
					SITE	
Eosinophil	0.18	<=0.50		26/01/2023		
		x10*9/L		9:49 AM EST	OTTAWA HOSPITAL -	
				LSI	GENERAL	
					SITE	
Basophil	0.04	<=0.10		26/01/2023		
		x10*9/L		9:49 AM EST	OTTAWA HOSPITAL -	
				-	GENERAL	
		0.10		0.6 (0.1 (0.00)	SITE	
Immature Granulocyte	0.03	<=0.10 x10*9/L		26/01/2023 9:49 AM	THE OTTAWA	
		X10 3/L		EST	HOSPITAL -	
					GENERAL	
					SITE	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	26/01/2023	9:32 AM EST	26/01/2023 9:43 AM EST
			Onknown			
Authorizing Provider	Result Type					
James Christopher Worrall	LAB BLOOD OF	RDERABLES				
vvoitaii						
Performing Organization			City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
GENERALE SITE						
CREATININE - Final resu	ult (26/01/202:	3 9:32 AM Ref	EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	77	62 - 100		26/01/2023	THE	3 3
		umol/L		10:13 AM	OTTAWA	
				EST	HOSPITAL - GENERAL	
					SITE	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality	cation/	Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	-		Blood Collection /	26/01/2023	9:32 AM EST	26/01/2023 9:43 AM EST
			Unknown			
Authorizing Provider	Result Type					
James Christopher	LAB BLOOD OF	RDERABLES				
Worrall						
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL -		ad	Ottawa, K1H 8L6			
GENERAL SITE	-					
(ABNORMAL) CBC (INCL	UDES DIFFEREN	TIAL) - Fin	al result (26/01/2023 9:	32 AM EST)		
Component	\/alua	Ref	Toot Mother	Analysis	Performed	Dathologist Cignoture
Component	Value	Range	Test Method	Time	At	Pathologist Signature

WBC	11.3 (H)	3.5 - 10.5 x10*9 /L		26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
RBC	3.63 (L)	4.00 - 5.50 x10*12/L		26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Hgb	106 (L)	125 - 170 g/L		26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Hct	0.339 (L)	0.380 - 0.500 L/L		26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MCV	93.4	80.0 - 100.0 fL		26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MCH	29.2	27.0 - 34.0 pg		26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MCHC	313 (L)	315 - 355 g/L		26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
RDW:CV	16.2 (H)	11.5 - 15.5 %		26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
PLT	300	130 - 380 x10*9/L		26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MPV	9.0	9.0 - 14.0 fL		26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
NRBC #	0.00	<=0.00 x10*9/L		26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
nRBC/100 WBC	0.0	/100WBC		26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time

Blood (Blood, Venous)			Blood Collection / Unknown	26/01/2023	9:32 AM EST	26/01/2023 9:43 AM EST
Authorizing Provider	Result Type					
James Christopher Worrall	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
BUN (UREA) - Final resu	ult (26/01/2023		EST)		D (	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Urea	4.9	3.3 - 8.9 mmol/L		26/01/2023 10:13 AM EST		2 2 3.54 5.9.Hattare
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection /			26/01/2023 9:43 AM EST
,, . <u></u>			Unknown	, = 0 = 0	. 231	
Authorizing Provider	Result Type					
James Christopher Worrall	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
(ABNORMAL) ELECTROLY	/TE PANEL (ELE	CTROLYTE:	S) - Final result (26/01/20	<b>023 9:32 AM E</b> Analysis	<b>ST)</b> Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Sodium	139	136 - 144 mmol/L		26/01/2023 10:13 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Potassium	5.0	3.5 - 5.1 mmol/L		26/01/2023 10:13 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Chloride	100	98 - 107 mmol/L		26/01/2023 10:13 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Total CO2	31 (H)	19 - 30 mmol/L		26/01/2023 10:13 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Anion Gap	8	8 - 16 mmol/L		26/01/2023 10:13 AM EST	THE OTTAWA HOSPITAL - GENERAL	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)		Blood Collection / Unknown	26/01/2023 9:32 AM EST	26/01/2023 9:43 AM EST
Authorizing Provider	Result Type			
James Christopher Worrall	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6		

# CT PELVIS W IV CONTRAST - Final result (25/01/2023 7:39 PM EST)

Anatomical Region	Laterality	Modality		
Pelvis		Compute	d Tomography	
	Anatomical Location /	Collection Method /		
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
			30/01/2023 8:30 PM	EST

### **Impressions**

### ATL POWERSCRIBE - 30/01/2023 8:33 PM EST

1. Interval size increase of known metastatic liver lesion as described above.

For report clarification: rads@toh.ca

# Narrative

# ATL POWERSCRIBE - 30/01/2023 8:33 PM EST

CT ABDOMEN & PELVIS WITH INTRAVENOUS CONTRAST

INDICATION: Male, 68 years old. 68yr old male HNSCC-baseline results for initiation of clinical trial

TECHNIQUE: Oral contrast was not administered. Satisfactory portal venous phase; routine image protocol.

Template version 17.02.02 COMPARISON: December 15, 2022

HEPATOBILIARY SYSTEM (liver, pancreas, bile ducts, GB): There is known heterogenous solid cystic lesion seen in segment 6 measures currently 7 cm image other than 18 series 601 compared to 4.8 cm on the prior examination. No new lesion is identified. The gallbladder appears unremarkable. The pancreas appears unremarkable.

GASTROINTESTINAL TRACT (stomach & bowel): Normal appearance of the stomach and small bowel loops. Diverticular disease of the colon without evidence of diverticulitis.

GENITOURINARY SYSTEM (KUB, adrenals & reproductive organs): Diffuse a thickened adrenal glands bilaterally. Symmetrical contrast enhancement of both kidneys. Simple left lower pole renal cyst. The prostate is enlarged. The urinary bladder appears unremarkable.

LYMPHATIC SYSTEM: The spleen has a normal size. No lymphadenopathy.

PERITONEUM, RETROPERITONEUM & MESENTERY: Unremarkable.

VESSELS & OTHER: Moderate atherosclerotic changes noted in the abdominal aorta and its branches.

BONES/BODY WALL: Unremarkable.

LOWER THORAX (lung bases, heart): CT chest reported separately.

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# Procedure Note

# Wael Mansour Shabana - 30/01/2023

Formatting of this note might be different from the original.

CT ABDOMEN & PELVIS WITH INTRAVENOUS CONTRAST

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TECHNIQUE: Oral contrast was not administered. Satisfactory portal venous phase; routine image protocol. Template version 17.02.02

COMPARISON: December 15, 2022

HEPATOBILIARY SYSTEM (liver, pancreas, bile ducts, GB): There is known heterogenous solid cystic lesion seen in segment 6 measures currently 7 cm image other than 18 series 601 compared to 4.8 cm on the prior examination. No new lesion is identified. The gallbladder appears unremarkable. The pancreas appears unremarkable.

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BONES/BODY WALL: Unremarkable.

LOWER THORAX (lung bases, heart): CT chest reported separately.

#### IMPRESSION:

1. Interval size increase of known metastatic liver lesion as described above.

For report clarification: rads@toh.ca

Authorizing Provider

Result Type

John Frederick Hilton

IMG CT PROCEDURES

Performing Organization Address

Laterality

City/State/ZIP Code

Phone Number

ATL POWERSCRIBE

# CT NECK W IV CONTRAST - Final result (25/01/2023 7:39 PM EST)

**Anatomical Region** 

Laterality

Modality

Neck

Computed Tomography

Anatomical Location / Collection Method /

Specimen (Source)

Volume

Collection Time

Received Time

01/02/2023 2:36 PM EST

**Impressions** 

# ATL POWERSCRIBE - 02/02/2023 8:53 AM EST

- Known extensive ulcerated mass centered in the base of the tongue/oral tongue, with mild interval progression in the ulceration.
- 2. There has been interval progression of the necrotic lymphadenopathies, as described in detail above, with interval increase in size of some of the previously noted lymph nodes/conglomerates, as well as interval appearance of new peripherally enhancing lymph nodes.
- 3. There has also been interval progression of the previously noted lytic area within the left hyoid bone with increase in the surrounding gas bubbles.

Maria Lucia Brun Vergara, PGY 6

For report clarification: rads@toh.ca

Narrative

### ATL POWERSCRIBE - 02/02/2023 8:53 AM EST

CT SCAN OF THE NECK WITH IV CONTRAST

INDICATION: "68yr old male- HNSCC-baseline scan for clinical trial."

TECHNIQUE: Helical sections through the neck with administration of intravenous contrast.

COMPARISON: CT scan of the neck dated 15 December 2022.

#### FINDINGS:

Redemonstration of treatment related changes in the neck with edema in the pharynx and supraglottic larynx as well as stranding of the neck fat planes.

Redemonstration of a extensively ulcerated mass with peripheral irregular enhancement, which is involving predominantly the midline/bilateral base of the tongue, also extending to the oral tongue and root of the tongue, lateral oropharynx bilaterally with involvement of the lingual surface of the epiglottis, which shows interval progression in the ulceration. There is also abnormal heterogeneous enhancement of the right aryepiglottic fold and right paralaryngeal space, similar to previous. There is persistent mild narrowing of the supraglottic airway. There has been interval progression of the previously noted lytic area within the left side of the hyoid bone, with increase in the gas bubbles adjacent to this. There is redemonstration of adjacent soft tissue thickening.

There are at least 2 new peripherally enhancing lesions (series 603): Right paraspinal muscles, measuring 11 mm (#46) and 7 mm (#34).

There has been interval in increase in size of (series 603):

- Right paraspinal necrotic node, just posterior to the right transverse process of the C1 vertebra (#32), measuring 23 x 17 mm (previous study 17 x 11 mm).
- Right peripheral enhancement soft tissue lesion on the the skull base just inferior to the right jugular foramen (#28), measuring 29 x 20 mm (previous study 26 x 16 mm)
- Right paraspinal irregular necrotic conglomerate, difficult to measure, which appears slightly more
- prominent than previous.

  \* Right level 2/3 lymph node conglomerate, difficult to measure, but more prominent than previous, with more skin involvement/protrusion.

Irregular necrotic peripherally enhancing lesions within the posterior midline at the suboccipital region, similar to previous. Multiple other necrotic lymph nodes in bilateral neck levels, similar to previous.

The right internal jugular vein remains attenuated and not visualized in the neck. Partial encasement of the right ICA raising conglomerate neck mass similar to prior. It remains patent.

Partially visualized brain parenchyma, orbits and thyroid glands show no concerning abnormality. Posttreatment changes in the submandibular and parotid glands similar to prior. Minimal mucosal thickening in the right maxillary sinus. Polyp/retention cyst in the left maxillary sinus. The remainder of the paranasal sinuses and mastoid air cells are essentially clear. There are secretions within the nasopharynx.

Please refer to separate CT scan chest report for findings in the thorax and mediastinum.

#### Procedure Note

### Rafael Simon Glikstein - 02/02/2023

Formatting of this note might be different from the original.

CT SCAN OF THE NECK WITH IV CONTRAST

INDICATION: "68yr old male- HNSCC-baseline scan for clinical trial."

TECHNIQUE: Helical sections through the neck with administration of intravenous contrast.

COMPARISON: CT scan of the neck dated 15 December 2022.

#### FINDINGS:

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Redemonstration of a extensively ulcerated mass with peripheral irregular enhancement, which is involving predominantly the midline/bilateral base of the tongue, also extending to the oral tongue and root of the tongue, lateral oropharynx bilaterally with involvement of the lingual surface of the epiglottis, which shows interval progression in the ulceration. There is also abnormal heterogeneous enhancement of the right aryepiglottic fold and right paralaryngeal space, similar to previous. There is persistent mild narrowing of the supraglottic airway. There has been interval progression of the previously noted lytic area within the left side of the hyoid bone, with increase in the gas bubbles adjacent to this. There is redemonstration of adjacent soft tissue thickening.

There are at least 2 new peripherally enhancing lesions (series 603):

\* Right paraspinal muscles, measuring 11 mm (#46) and 7 mm (#34).

There has been interval in increase in size of (series 603):

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Please refer to separate CT scan chest report for findings in the thorax and mediastinum.

#### **IMPRESSION:**

- 1. Known extensive ulcerated mass centered in the base of the tongue/oral tongue, with mild interval progression in the ulceration.
- 2. There has been interval progression of the necrotic lymphadenopathies, as described in detail above, with interval increase in size of some of the previously noted lymph nodes/conglomerates, as well as interval appearance of new peripherally enhancing lymph nodes.
- 3. There has also been interval progression of the previously noted lytic area within the left hyoid bone with increase in the surrounding gas bubbles.

Maria Lucia Brun Vergara, PGY 6

For report clarification: rads@toh.ca

Authorizing Provider Result Type

John Frederick Hilton IMG CT PROCEDURES

Performing Organization Address City/State/ZIP Code Phone Number

ATL POWERSCRIBE

# CT CHEST W IV CONTRAST - Final result (25/01/2023 7:39 PM EST)

Anatomical Region Laterality Modality

Chest Computed Tomography

Anatomical Location / Collection Method /
Specimen (Source) Laterality Volume Collection Time Received Time

30/01/2023 7:44 PM EST

**Impressions** 

# ATL POWERSCRIBE - 30/01/2023 7:49 PM EST

- 1. Significant increase in size of necrotic right axillary lymph node with surrounding unorganized fluid and stranding.
- 2. Progression of groundglass opacities at the lung bases which could be infectious or inflammatory. Drug reaction could also be considered but is favored to be less likely.

For report clarification: rads@toh.ca

# Narrative

# ATL POWERSCRIBE - 30/01/2023 7:49 PM EST

CT CHEST WITH CONTRAST (ROUTINE)

INDICATION: 68yr old male- HNSCC- baseline scan for initiation of clinical trial

COMPARISON: CT chest 12/15/2022

LUNGS & AIRWAYS: Mild bronchial wall thickening most pronounced in the mid and lower lungs. Patchy groundglass opacities have progressed from prior.

LYMPH NODES & MEDIASTINUM: Significant increase in size of necrotic right axillary node measuring 29 x 51 mm (previously 14 x 28 mm). There is also new surrounding unorganized fluid and stranding in the regional subcutaneous tissues. Prominent intrathoracic lymph nodes are comparable.

PLEURA & PERICARDIUM: Unremarkable.

CARDIOVASCULAR: Mild aortic and severe coronary artery calcification. ESOPHAGUS & NECK: Unremarkable esophagus. CT neck reported separately.

UPPER ABDOMEN: CT abdomen reported separately.

BONES & CHEST WALL: Moderate hypertrophic degenerative changes of the spine.

#### Procedure Note

# Anuj Sharan Dixit - 30/01/2023

Formatting of this note might be different from the original.

CT CHEST WITH CONTRAST (ROUTINE)

INDICATION: 68yr old male- HNSCC- baseline scan for initiation of clinical trial

COMPARISON: CT chest 12/15/2022

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PLEURA & PERICARDIUM: Unremarkable.

CARDIOVASCULAR: Mild aortic and severe coronary artery calcification.

ESOPHAGUS & NECK: Unremarkable esophagus. CT neck reported separately.

UPPER ABDOMEN: CT abdomen reported separately.

BONES & CHEST WALL: Moderate hypertrophic degenerative changes of the spine.

#### IMPRESSION:

- 1. Significant increase in size of necrotic right axillary lymph node with surrounding unorganized fluid and stranding.
- 2. Progression of groundglass opacities at the lung bases which could be infectious or inflammatory. Drug reaction could also be considered but is favored to be less likely.

For report clarification: rads@toh.ca

Authorizing Provider

Result Type

John Frederick Hilton

IMG CT PROCEDURES

Performing Organization Address

City/State/ZIP Code

Phone Number

ATL POWERSCRIBE

# CT ABDOMEN W IV CONTRAST - Final result (25/01/2023 7:39 PM EST)

Anatomical Region

Laterality

Modality

Body

Computed Tomography

Anatomical Location /

Collection Method /

Specimen (Source)

Laterality

Volume

Collection Time

Received Time

30/01/2023 8:30 PM EST

**Impressions** 

# ATL POWERSCRIBE - 30/01/2023 8:33 PM EST

1. Interval size increase of known metastatic liver lesion as described above.

For report clarification: rads@toh.ca

Narrative

### ATL POWERSCRIBE - 30/01/2023 8:33 PM EST

CT ABDOMEN & PELVIS WITH INTRAVENOUS CONTRAST

INDICATION: Male, 68 years old. 68yr old male HNSCC-baseline results for initiation of clinical trial

TECHNIQUE: Oral contrast was not administered. Satisfactory portal venous phase; routine image protocol.

Template version 17.02.02

COMPARISON: December 15, 2022

HEPATOBILIARY SYSTEM (liver, pancreas, bile ducts, GB): There is known heterogenous solid cystic lesion seen in segment 6 measures currently 7 cm image other than 18 series 601 compared to 4.8 cm on the prior examination. No new lesion is identified. The gallbladder appears unremarkable. The pancreas appears unremarkable.

GASTROINTESTINAL TRACT (stomach & bowel): Normal appearance of the stomach and small bowel loops. Diverticular disease of the colon without evidence of diverticulitis.

GENITOURINARY SYSTEM (KUB, adrenals & reproductive organs): Diffuse a thickened adrenal glands bilaterally. Symmetrical contrast enhancement of both kidneys. Simple left lower pole renal cyst. The prostate is enlarged.

The urinary bladder appears unremarkable.
LYMPHATIC SYSTEM: The spleen has a normal size. No lymphadenopathy.

PERITONEUM, RETROPERITONEUM & MESENTERY: Unremarkable.

VESSELS & OTHER: Moderate atherosclerotic changes noted in the abdominal aorta and its branches.

BONES/BODY WALL: Unremarkable.

LOWER THORAX (lung bases, heart): CT chest reported separately.

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# Procedure Note

### Wael Mansour Shabana - 30/01/2023

Formatting of this note might be different from the original.

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VESSELS & OTHER: Moderate atherosclerotic changes noted in the abdominal aorta and its branches.

BONES/BODY WALL: Unremarkable.

LOWER THORAX (lung bases, heart): CT chest reported separately.

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# IMPRESSION:

1. Interval size increase of known metastatic liver lesion as described above.

For report clarification: rads@toh.ca

Authorizing Provider	Result Type		
John Frederick Hilton	IMG CT PROCEDURES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
ATI POWERSCRIRE		,	

#### TRANSTHORACIC ECHO (TTE) COMPLETE (23/01/2023 3:25 PM EST)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
EF	61.2				ATL XCELERA MUSE MCKESSON	
Anatomical Design	Late	ualit.	Mada	••		

Anatomical Region	Laterality	Modality		
		Ultrasound	d	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time

#### Narrative

#### This result has an attachment that is not available.

Authorizing Provider Result Type

CV ECHO PROCEDURES John Frederick Hilton

Performing Organization Address City/State/ZIP Code Phone Number

ATL XCELERA MUSE

**MCKESSON** 

# US GUIDED NEEDLE BIOPSY OTHER - Final result (23/01/2023 2:36 PM EST)

Anatomical Region Laterality Modality N/A Ultrasound Anatomical Location / Collection Method / Laterality Collection Time Specimen (Source) Volume Received Time

23/01/2023 2:37 PM EST

#### Narrative

### ATL POWERSCRIBE - 23/01/2023 3:08 PM EST

ULTRASOUND-GUIDED BIOPSY OF LYMPH NODE

Procedure Code Z 405

Verbal consent was obtained according to the Ottawa Hospital protocol and witnessed by the admitting nurse. The patient agreed to the procedure after receiving explanation of the method and after hearing of the possibility of complications including that of bleeding requiring transfusion or surgical management. The patient's questions were answered.

The biopsy safety checklist was performed.

Aseptic technique; 1% Xylocaine local anesthesia with bicarbonate buffer to overlying parietal tissues. No sedation was required.

REFERENCE IMAGING: CT study dated December 15, 2022

INDICATION: Male, 68 years old. Research baseline biopsy BMS CA047004 . TARGET OF BIOPSY: Enlarged right axillary lymph node

NEEDLE APPROACH: Right anterior axillary

NEEDLE TYPE: Super Core 18 G , 22 mm throw.

# OF NEEDLE PASSES: 5

Procedure performed by: Dr. Y. Nisha under the supervision of Dr. M. McInnes

The specimen was received by a histopathology technologist in the procedure room, to be handled according to research protocol.

COMPLICATIONS: None.

POSTBIOPSY OBSERVATION: Uneventful.

DISCHARGE INSTRUCTIONS: Printed instructions were provided. The patient should attend the emergency department of any Hospital if there are signs of infection or significant bleeding.

Yashmin Nisha, Abdominal Imaging Fellow

For report clarification: rads@toh.ca

Procedure Note

# Matthew Donald Fernand McInnes - 23/01/2023

Formatting of this note might be different from the original.

ULTRASOUND-GUIDED BIOPSY OF LYMPH NODE

Procedure Code Z 405

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REFERENCE IMAGING: CT study dated December 15, 2022

INDICATION: Male, 68 years old. Research baseline biopsy BMS CA047004.

TARGET OF BIOPSY: Enlarged right axillary lymph node

NEEDLE APPROACH: Right anterior axillary
NEEDLE TYPE: Super Core 18 G, 22 mm throw.

# OF NEEDLE PASSES: 5

Procedure performed by: Dr. Y. Nisha under the supervision of Dr. M. McInnes

The specimen was received by a histopathology technologist in the procedure room, to be handled according to research protocol.

COMPLICATIONS: None.

POSTBIOPSY OBSERVATION: Uneventful.

DISCHARGE INSTRUCTIONS: Printed instructions were provided. The patient should attend the emergency department of any

Hospital if there are signs of infection or significant bleeding.

Yashmin Nisha, Abdominal Imaging Fellow

For report clarification: rads@toh.ca

Authorizing Provider	Result Type		
John Frederick Hilton	IMG US PROCEDURES		
Doufourning Ouganization	A d d vo co	City/State/7ID Code	Dhone Niyahay
Performing Organization	Address	City/State/ZIP Code	Phone Number
ATI POWERSCRIRE			

# (ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (23/01/2023 1:00 PM EST)

(ADNORIVIAL) AUTOIVIA	IED DIFFERENT	Ref	esuit (25/01/2025 1.001	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	7.98 (H)	2.00 - 7.50 x10*9/L		23/01/2023 1:31 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	J J
Lymphocyte	1.73	0.80 - 3.50 x10*9/L		23/01/2023 1:31 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Monocyte	0.79	0.10 - 1.00 x10*9/L		23/01/2023 1:31 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Eosinophil	0.27	<=0.50 x10*9/L		23/01/2023 1:31 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Basophil	0.05	<=0.10 x10*9/L		23/01/2023 1:31 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Immature Granulocyte	0.04	<=0.10 x10*9/L		23/01/2023 1:31 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	

Specimen (Source)	Laterality		Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	·		Blood Collection /	23/01/2023	1:00 PM EST	23/01/2023 1:23 PM EST
			Unknown			
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES				
Vickers						
Danfanna's Control	۸ ما ما ۰۰		Cit /Ctat /71D C	Dlagge N		
Performing Organization THE OTTAWA HOSPITAL -		ad	City/State/ZIP Code Ottawa, K1H 8L6	Phone Numb	ver	
GENERAL SITE	Joi Jillytti NO	iu	Ottawa, KIII OLU			
CDEATINIINIE Final race	il+ (22 /01 /202	2 1.00 014	ECT)			
CREATININE - Final resu	uit (23/01/2023	Ref	ESI)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	77	62 - 100		23/01/2023	THE	-
		umol/L		2:01 PM EST	OTTAWA HOSPITAL -	
				ESI	GENERAL	
					SITE	
	Anatomical I -	cation /	Collection Method /			
Specimen (Source)	Anatomical Loc Laterality	catiOH /	Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection /		1:00 PM EST	
			Unknown			
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES				
Vickers						
Parforming Organization	Addross		City/State/7ID Code	Phone Numb	oor	
Performing Organization THE OTTAWA HOSPITAL -		ad.	City/State/ZIP Code Ottawa, K1H 8L6	Priorie Numi		
GENERAL SITE	Jon Jillytti Not	. ·	Jeana, KIII OLO			
(ABNORMAL) CBC (INCL	UDES DIFFFREN	TIAL) (CRC	() - Final result (23/01/20	)23 1:00 PM F9	ST)	
( ISHORIMAL) CDC (IIICL)	JJES DITTEREN	Ref	., I mai resuit (25/01/20	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	10.9 (H)	3.5 - 10.5 x10*9 /L		23/01/2023 1:31 PM	THE OTTAWA	
		XIU"9/L		EST	HOSPITAL -	
				-	GENERAL	
				00 10 1 15 5	SITE	
RBC	3.53 (L)	4.00 - 5.50		23/01/2023 1:31 PM	THE OTTAWA	
		5.50 x10*12/L		EST	HOSPITAL -	
					GENERAL	
Hab	404 (1)	105 170		22 /04 /2222	SITE	
Hgb	104 (L)	125 - 170 g/L		23/01/2023 1:31 PM	THE OTTAWA	
		9, -		EST	HOSPITAL -	
					GENERAL	
Hct	0.329 (L)	0.380 -		23/01/2023	SITE	
1100	U.329 (L)	0.380 - 0.500 L/L		23/01/2023 1:31 PM	OTTAWA	
				EST	HOSPITAL -	
					GENERAL SITE	
MCV	93.2	80.0 -		23/01/2023	THE	
141C V	JJ. <u>L</u>	100.0 fL		1:31 PM	OTTAWA	
				EST	HOSPITAL -	

					GENERAL SITE	
МСН	29.5	27.0 - 34.0 pg		23/01/2023 1:31 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
МСНС	316	315 - 355 g/L		23/01/2023 1:31 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
RDW:CV	16.7 (H)	11.5 - 15.5 %		23/01/2023 1:31 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
PLT	296	130 - 380 x10*9/L		23/01/2023 1:31 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MPV	8.9 (L)	9.0 - 14.0 fL		23/01/2023 1:31 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
NRBC #	0.00	<=0.00 x10*9/L		23/01/2023 1:31 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
nRBC/100 WBC	0.0	/100WBC		23/01/2023 1:31 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume Blood Collection /	Collection Ti		Received Time 23/01/2023 1:23 PM EST
Blood (Blood, Venous)			Unknown	23/01/2023	1.00 PIVI EST	25/01/2025 1.25 PIVI EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
ALT - Final result (23/01	/2023 1:00 PM					
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	17	12 - 49 U/L		23/01/2023 2:01 PM EST		J
l	Anatomical Loc	cation /	Collection Method /			

Specimen (Source)	Laterality		Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection /	23/01/2023	1:00 PM EST	23/01/2023 1:23 PM EST
			Unknown			
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Numl	ner	
THE OTTAWA HOSPITAL -		d	Ottawa, K1H 8L6	THORIC INGILI	JC1	
GENERAL SITE						
TSH - Final result (23/0	1/2023 1:00 PM	1 FST)				
1311 1 mai resait (23/ 0	1,2023 1.00 1 1	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
TSH	2.32	0.27 -		23/01/2023	THE	
		4.20 mIU/L		2:01 PM EST	OTTAWA HOSPITAL -	
		11110/ L		LST	GENERAL	
					SITE	
	Anatomical Loca	ation /	Collection Method /			
Specimen (Source)	Laterality	ation /	Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection /	23/01/2023 1:00 PM EST		23/01/2023 1:23 PM EST
			Unknown			
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Portorming Organization	Addross		City/State/7ID Code	Phone Numb	oor	
Performing Organization THE OTTAWA HOSPITAL -			City/State/ZIP Code Ottawa, K1H 8L6	FIIOHE NUMBER		
GENERAL SITE						
ALKALINE PHOSPHATA	SF (ALP) - Final	result (2	3/01/2023 1:00 PM EST)			
, , , , , , , , , , , , , , , , , , , ,	01 (, (1)	Ref	0,01,2020 1.001 111 201,	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	73	50 - 112		23/01/2023	THE	
		U/L		2:01 PM EST	OTTAWA HOSPITAL -	
					GENERAL	
					SITE	
	Anatomical Loca	ation /	Collection Method /			
Specimen (Source)	Laterality	acioni	Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection /	23/01/2023	1:00 PM EST	23/01/2023 1:23 PM EST
			Unknown			
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ner	
THE OTTAWA HOSPITAL -		d	Ottawa, K1H 8L6	THORE MUIII	J-C1	
GENERAL SITE			, 0_0			

Ref

Component	Value	Range	Test Method	Time	At	Pathologist Signature
Magnesium	0.60 (L)	0.66 - 1.07 mmol/L		23/01/2023 2:01 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume Blood Collection /	Collection Ti		Received Time 23/01/2023 1:23 PM EST
blood (blood, verious)			Unknown	25/01/2025 1.00 PW EST		25/01/2025 1.25 PIVI EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	per	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ıd	Ottawa, K1H 8L6			
CK - Final result (23/01/	/2023 1:00 PM	EST) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
СК	97	52 - 256 U/L		23/01/2023 2:01 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	cation /	Collection Method /	6 II .: =		
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume Blood Collection /	Collection Time 23/01/2023 1:00 PM EST		Received Time
blood (blood, verious)			Unknown	23/01/2023	1.00 T WI LST	23/01/2023 1.23 1 101 231
Authorizing Provider	Result Type					
	LAB BLOOD OF	RDERABLES				
Michael MacDonald Vickers						
			City/State/ZIP Code	Phone Numb	per	
Vickers	Address	ıd	City/State/ZIP Code Ottawa, K1H 8L6	Phone Numb	oer	
Vickers  Performing Organization THE OTTAWA HOSPITAL -	Address 501 Smyth Roa	/2023 1:0	Ottawa, K1H 8L6			
Vickers  Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  BILIRUBIN, TOTAL - Final	Address 501 Smyth Roa	/2023 1:0 Ref	Ottawa, K1H 8L6	Phone Numb	Performed At	Pathologist Signature
Vickers  Performing Organization  THE OTTAWA HOSPITAL - GENERAL SITE	Address 501 Smyth Roa al result (23/01)	/2023 1:0	Ottawa, K1H 8L6  O PM EST)	Analysis	Performed	Pathologist Signature
Vickers  Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  BILIRUBIN, TOTAL - Final Component	Address 501 Smyth Roa al result (23/01) Value	/2023 1:00 Ref Range <=15 umol/L	Ottawa, K1H 8L6  O PM EST)	Analysis Time 23/01/2023 2:01 PM	Performed At THE OTTAWA HOSPITAL - GENERAL SITE	Pathologist Signature  Received Time
Vickers  Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  BILIRUBIN, TOTAL - Fina Component Bilirubin Total	Address 501 Smyth Roa al result (23/01) Value 5	/2023 1:00 Ref Range <=15 umol/L	Ottawa, K1H 8L6  O PM EST)  Test Method  Collection Method /	Analysis Time 23/01/2023 2:01 PM EST	Performed At THE OTTAWA HOSPITAL - GENERAL SITE	
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  BILIRUBIN, TOTAL - Fina Component Bilirubin Total  Specimen (Source)	Address 501 Smyth Roa al result (23/01) Value 5	/2023 1:00 Ref Range <=15 umol/L	Ottawa, K1H 8L6  O PM EST)  Test Method  Collection Method / Volume  Blood Collection /	Analysis Time 23/01/2023 2:01 PM EST	Performed At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time

THE OTTAWA HOSPITAL - GENERAL SITE	Address		City/State/ZIP Code	Phone Numb	oer	
	501 Smyth Roa	id	Ottawa, K1H 8L6			
PHOSPHATE - Final resu	ult (04/01/2023	3 3:00 PM	EST)			
Campanant	\/alica	Ref	Took Mother d	Analysis	Performed	Dath alasist Cissatus
Component PO4	Value 1.14	Range 0.78 -	Test Method	Time 04/01/2023	At	Pathologist Signature
FO <del>4</del>	1.14	1.38 mmol/L		3:43 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	04/01/2023	3:00 PM EST	04/01/2023 3:13 PM E
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
Glucose Random	9.8	4.0 - 11.0 mmol/L		04/01/2023 3:43 PM EST	OTTAWA HOSPITAL - GENERAL	
					SITE	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Specimen (Source)	Laterality			Collection in	IIIE	Received Tille
•			Blood Collection /	04/01/2023	3:00 PM FST	04/01/2023 3:13 PM F
Blood (Blood, Venous)			Blood Collection / Unknown	04/01/2023	3:00 PM EST	04/01/2023 3:13 PM E
· · · · · · · · · · · · · · · · · · ·	Result Type			04/01/2023	3:00 PM EST	04/01/2023 3:13 PM E
Blood (Blood, Venous)	Result Type	<pre></pre>	Unknown	04/01/2023	3:00 PM EST	04/01/2023 3:13 PM E
Blood (Blood, Venous)  Authorizing Provider  Arif Ali Awan  Performing Organization	LAB BLOOD OF		Unknown  City/State/ZIP Code	04/01/2023 : Phone Numb		04/01/2023 3:13 PM E
Blood (Blood, Venous)  Authorizing Provider  Arif Ali Awan  Performing Organization	LAB BLOOD OF		Unknown  City/State/ZIP Code			04/01/2023 3:13 PM
Blood (Blood, Venous)  Authorizing Provider  Arif Ali Awan	LAB BLOOD OF		Unknown			04/01/2023 3:13 PM E
Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization THE OTTAWA HOSPITAL -	Address 501 Smyth Roa	ad sult (04/0	City/State/ZIP Code Ottawa, K1H 8L6	Phone Numb	oer	04/01/2023 3:13 PM E
Blood (Blood, Venous)  Authorizing Provider  Arif Ali Awan  Performing Organization  THE OTTAWA HOSPITAL - GENERAL SITE	Address 501 Smyth Roa	ad	City/State/ZIP Code Ottawa, K1H 8L6			04/01/2023 3:13 PM E
Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  AUTOMATED DIFFEREN	Address 501 Smyth Roa	ad sult (04/0 Ref	City/State/ZIP Code Ottawa, K1H 8L6  1/2023 3:00 PM EST)	Phone Numb	per Performed At	

					SITE	
Monocyte	0.75	0.10 -		04/01/2023	THE	
		1.00		3:26 PM	OTTAWA	
		x10*9/L		EST	HOSPITAL - GENERAL	
					SITE	
Eosinophil	0.05	<=0.50		04/01/2023		
		x10*9/L		3:26 PM EST	OTTAWA HOSPITAL -	
				LST	GENERAL	
					SITE	
Basophil	0.04	<=0.10		04/01/2023	THE	
		x10*9/L		3:26 PM EST	OTTAWA HOSPITAL -	
					GENERAL	
	0.02	0.10		0.4./04./2022	SITE	
Immature Granulocyte	0.03	<=0.10 x10*9/L		04/01/2023 3:26 PM	THE OTTAWA	
		X10 3/L		EST	HOSPITAL -	
					GENERAL	
					SITE	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	04/01/2023	3:00 PM EST	04/01/2023 3:14 PM EST
			· · · · · · · · · · · · · · · · · · ·			
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	per	
THE OTTAWA HOSPITAL -	501 Smyth Roa	ad	Ottawa, K1H 8L6			
GENERAL SITE						
CREATININE - Final resu	ult (04/01/2023		EST)			
Component	\/alice	Ref				
Component			Test Method	Analysis	Performed	Pathologist Signature
Creatinine	Value 84	Range	Test Method	Time	At	Pathologist Signature
Creatinine	84		Test Method	Time 04/01/2023 3:43 PM	At THE OTTAWA	Pathologist Signature
Creatinine		Range 62 - 100	Test Method	Time 04/01/2023	At THE OTTAWA HOSPITAL -	Pathologist Signature
Creatinine		Range 62 - 100	Test Method	Time 04/01/2023 3:43 PM	At THE OTTAWA	Pathologist Signature
Creatinine	84	Range 62 - 100 umol/L		Time 04/01/2023 3:43 PM	At THE OTTAWA HOSPITAL - GENERAL	Pathologist Signature
	84  Anatomical Loc	Range 62 - 100 umol/L	Collection Method /	Time 04/01/2023 3:43 PM EST	At THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	84	Range 62 - 100 umol/L	Collection Method / Volume	Time 04/01/2023 3:43 PM EST	At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
	84  Anatomical Loc	Range 62 - 100 umol/L	Collection Method /	Time 04/01/2023 3:43 PM EST	At THE OTTAWA HOSPITAL - GENERAL SITE	J
Specimen (Source) Blood (Blood, Venous)	Anatomical Loc Laterality	Range 62 - 100 umol/L	Collection Method / Volume Blood Collection /	Time 04/01/2023 3:43 PM EST	At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
Specimen (Source)	84  Anatomical Loc	Range 62 - 100 umol/L	Collection Method / Volume Blood Collection / Unknown	Time 04/01/2023 3:43 PM EST	At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan	Anatomical Loc Laterality  Result Type  LAB BLOOD OF	Range 62 - 100 umol/L	Collection Method / Volume Blood Collection / Unknown	Time 04/01/2023 3:43 PM EST  Collection Ti 04/01/2023	At THE OTTAWA HOSPITAL - GENERAL SITE  Me 3:00 PM EST	Received Time
Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization	Anatomical Loc Laterality  Result Type  LAB BLOOD OF	Range 62 - 100 umol/L cation /	Collection Method / Volume Blood Collection / Unknown	Time 04/01/2023 3:43 PM EST	At THE OTTAWA HOSPITAL - GENERAL SITE  Me 3:00 PM EST	Received Time
Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization THE OTTAWA HOSPITAL -	Anatomical Loc Laterality  Result Type  LAB BLOOD OF	Range 62 - 100 umol/L cation /	Collection Method / Volume Blood Collection / Unknown	Time 04/01/2023 3:43 PM EST  Collection Ti 04/01/2023	At THE OTTAWA HOSPITAL - GENERAL SITE  Me 3:00 PM EST	Received Time
Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization	Anatomical Loc Laterality  Result Type  LAB BLOOD OF	Range 62 - 100 umol/L cation /	Collection Method / Volume Blood Collection / Unknown	Time 04/01/2023 3:43 PM EST  Collection Ti 04/01/2023	At THE OTTAWA HOSPITAL - GENERAL SITE  Me 3:00 PM EST	Received Time
Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE	Anatomical Loc Laterality  Result Type  LAB BLOOD OF  Address  501 Smyth Roa	Range 62 - 100 umol/L cation /	Collection Method / Volume Blood Collection / Unknown City/State/ZIP Code Ottawa, K1H 8L6	Time  04/01/2023 3:43 PM EST  Collection Ti 04/01/2023	At THE OTTAWA HOSPITAL - GENERAL SITE  Me 3:00 PM EST	Received Time
Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  (ABNORMAL) CBC (INCL)	Anatomical Loc Laterality  Result Type  LAB BLOOD OF  Address  501 Smyth Roa	Range 62 - 100 umol/L cation /	Collection Method / Volume  Blood Collection / Unknown  City/State/ZIP Code Ottawa, K1H 8L6	Time  04/01/2023 3:43 PM EST  Collection Ti 04/01/2023	At THE OTTAWA HOSPITAL - GENERAL SITE  Me 3:00 PM EST	Received Time 04/01/2023 3:13 PM EST
Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  (ABNORMAL) CBC (INCLUCE)  Component	Anatomical Loc Laterality  Result Type LAB BLOOD OF Address 501 Smyth Roa  UDES DIFFEREN Value	Range 62 - 100 umol/L  cation /  RDERABLES ad  TIAL) - Fin Ref Range	Collection Method / Volume Blood Collection / Unknown  City/State/ZIP Code Ottawa, K1H 8L6  Test Method	Time  04/01/2023 3:43 PM EST  Collection Ti  04/01/2023  Phone Numb  Analysis Time	At THE OTTAWA HOSPITAL - GENERAL SITE  Me 3:00 PM EST  Performed At	Received Time
Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  (ABNORMAL) CBC (INCL)	Anatomical Loc Laterality  Result Type  LAB BLOOD OF  Address  501 Smyth Roa	Range 62 - 100 umol/L cation / RDERABLES ad TIAL) - Fin Ref	Collection Method / Volume Blood Collection / Unknown  City/State/ZIP Code Ottawa, K1H 8L6  Test Method	Time  04/01/2023 3:43 PM EST  Collection Ti  04/01/2023 3  Phone Numb	At THE OTTAWA HOSPITAL - GENERAL SITE  Me 3:00 PM EST  Der	Received Time 04/01/2023 3:13 PM EST

				EST	HOSPITAL - GENERAL SITE	
RBC	3.59 (L)	4.00 - 5.50 x10*12/L		04/01/2023 3:26 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Hgb	104 (L)	125 - 170 g/L		04/01/2023 3:26 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Hct	0.332 (L)	0.380 - 0.500 L/L		04/01/2023 3:26 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MCV	92.5	80.0 - 100.0 fL		04/01/2023 3:26 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MCH	29.0	27.0 - 34.0 pg		04/01/2023 3:26 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MCHC	313 (L)	315 - 355 g/L		04/01/2023 3:26 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
RDW:CV	16.5 (H)	11.5 - 15.5 %		04/01/2023 3:26 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
PLT	478 (H)	130 - 380 x10*9/L		04/01/2023 3:26 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MPV	8.5 (L)	9.0 - 14.0 fL		04/01/2023 3:26 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
NRBC #	0.00	<=0.00 x10*9/L		04/01/2023 3:26 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
nRBC/100 WBC	0.0	/100WBC		04/01/2023 3:26 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	,		Blood Collection /		3:00 PM EST	

# Unknown

Authorizing Provider	Result Type	חבר א פין בכ				
Arif Ali Awan	LAB BLOOD OF	KDEKARLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL -	501 Smyth Roa	nd	Ottawa, K1H 8L6			
GENERAL SITE						
BUN (UREA) - Final resu	ılt (04/01/2023	3:00 PM	EST)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Urea	4.5	3.3 - 8.9 mmol/L		04/01/2023 3:43 PM EST	OTTAWA HOSPITAL - GENERAL	
					SITE	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	04/01/2023	3:00 PM EST	04/01/2023 3:13 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Doufouries O	۸ ما دا د د		Cit. /Ct - 1 - 1717 C	Diagram At 1		
Performing Organization THE OTTAWA HOSPITAL -		nd	City/State/ZIP Code Ottawa, K1H 8L6	Phone Numb	per	
GENERAL SITE	301 SHIYIH KO	iu	Ollawa, NITI OLO			
ALT - Final result (04/01	/2023 3:00 PM	1 EST) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	19	12 - 49 U/L		04/01/2023 3:43 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	04/01/2023	3:00 PM EST	04/01/2023 3:13 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	per	
THE OTTAWA HOSPITAL - GENERAL SITE		nd	Ottawa, K1H 8L6			
AST - Final result (04/01	/2023 3:00 PN	И EST) Ref		Analysis	Performed	
Component	Value	Ret Range	Test Method	Analysis Time	At	Pathologist Signature
AST	21	12 - 29 U/L		04/01/2023 3:43 PM EST	THE OTTAWA HOSPITAL - GENERAL	

	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	04/01/2023	3:00 PM EST	04/01/2023 3:13 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	per	
THE OTTAWA HOSPITAL - GENERAL SITE		ad	Ottawa, K1H 8L6			
SODIUM - Final result (0	04/01/2023 3:	00 PM EST) Ref	)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Sodium	139	136 - 144 mmol/L		04/01/2023 3:43 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Lo	cation /	Collection Method /	C II .: T		D
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	04/01/2023	3:00 PM EST	04/01/2023 3:13 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE		ad	Ottawa, K1H 8L6			
(ABNORMAL) PROTEIN TO						
		Ref		Analysis Time	Performed	Pathologist Signature
Component	Value	Ref Range	Test Method	Time	At	Pathologist Signature
		Ref		,		Pathologist Signature
Component	Value	Ref Range 63 - 75 g/L		Time 04/01/2023 3:43 PM	At THE OTTAWA HOSPITAL - GENERAL SITE	Pathologist Signature  Received Time
Component Protein Total	Value 77 (H)  Anatomical Lo	Ref Range 63 - 75 g/L	Test Method  Collection Method /	Time 04/01/2023 3:43 PM EST  Collection Ti	At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
Component Protein Total  Specimen (Source)	Value 77 (H)  Anatomical Lo	Ref Range 63 - 75 g/L	Test Method  Collection Method / Volume  Blood Collection /	Time 04/01/2023 3:43 PM EST  Collection Ti	At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
Component Protein Total  Specimen (Source) Blood (Blood, Venous)	Value 77 (H)  Anatomical Locaterality	Ref Range 63 - 75 g/L	Test Method  Collection Method / Volume  Blood Collection /	Time 04/01/2023 3:43 PM EST  Collection Ti	At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
Component Protein Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider	Value 77 (H)  Anatomical Locaterality  Result Type LAB BLOOD O	Ref Range 63 - 75 g/L	Test Method  Collection Method / Volume  Blood Collection /	Time 04/01/2023 3:43 PM EST  Collection Ti	At THE OTTAWA HOSPITAL - GENERAL SITE  me 3:00 PM EST	Received Time
Component Protein Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan	Value 77 (H)  Anatomical Locaterality  Result Type LAB BLOOD O	Ref Range 63 - 75 g/L ocation /	Collection Method / Volume Blood Collection / Unknown	Time  04/01/2023 3:43 PM EST  Collection Ti  04/01/2023	At THE OTTAWA HOSPITAL - GENERAL SITE  me 3:00 PM EST	Received Time

POTASSIUM - Final result (04/01/2023 3:00 PM EST)

Ref Analysis Performed

Component	Value	Range	Test Method	Time	At	Pathologist Signature
Potassium	3.9	3.5 - 5.1 mmol/L		04/01/2023 3:43 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	mo	Received Time
Specimen (Source) Blood (Blood, Venous)			Blood Collection / Unknown			04/01/2023 3:13 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
ALKALINE PHOSPHATA:  Component ALP	SE - Final resu Value 75	Ref Range 50 - 112	2023 3:00 PM EST)  Test Method	Analysis Time 04/01/2023	Performed At THE	Pathologist Signature
		U/L		3:43 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	04/01/2023 3:00 PM EST		04/01/2023 3:13 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization			City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
(ABNORMAL) MAGNESIU  Component	M - Final result  Value	( <b>04/01/20</b> Ref Range	23 3:00 PM EST)  Test Method	Analysis Time	Performed At	Pathologist Signature
Magnesium	0.64 (L)	0.66 -	rest Method	04/01/2023	THE	Fathologist Signature
J	,	1.07 mmol/L		3:43 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Lo	cation /	Collection Method /	C II .: -:		D : 1
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume  Blood Collection / Unknown	Collection Ti 04/01/2023		04/01/2023 3:13 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			

Component	Value	Ref	Test Method	Analysis Time	Performed ^+	Dathologist Cianatura
Component Chloride	97 (L)	Range 98 - 107 mmol/L	Test Method	04/01/2023 3:43 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	Pathologist Signature
Specimen (Source)	Anatomical Laterality	Location /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown			04/01/2023 3:13 PM E
Authorizing Provider	Result Type					
Arif Ali Awan		ORDERABLES				
Performing Organization			City/State/ZIP Code	Phone Numl	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth F	Road	Ottawa, K1H 8L6			
ABNORMAL) CO2 TOTAL		<b>?) - Final resu</b> Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Total CO2	33 (H)	19 - 30 mmol/L		04/01/2023 3:43 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Laterality	Location /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	-		Blood Collection / Unknown	04/01/2023	3:00 PM EST	04/01/2023 3:13 PM I
Authorizing Provider	Result Type					
Arif Ali Awan		ORDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth F	Road	Ottawa, K1H 8L6			
CALCIUM - Final result (	•	Ref		Analysis	Performed	
Calcium	2.35	2.24 - 2.58 mmol/L	Test Method	Time 04/01/2023 3:43 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	Pathologist Signature
Specimen (Source)	Anatomical Laterality	Location /	Collection Method / Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection /			04/01/2023 3:13 PM I
			Unknown			
Authorizing Provider	Result Type					
Arif Ali Awan	LABBLOOD	ORDERABLES				

THE OTTAWA HOSPITAL - 501 Smyth Road Ottawa, K1H 8L6 GENERAL SITE  BILIRUBIN, TOTAL - Final result (04/01/2023 3:00 PM EST)  Ref Range Test Method Time At Pathologist Signature At Pathologist Sign	Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
Component   Value   Range   Rest	THE OTTAWA HOSPITAL -		ad				
Component   Value   Range   Rest							
Component   Value   Range   Test Method   Time   At   Pathologist Signature	BILIRUBIN, TOTAL - Fina	al result (04/01		0 PM EST)			
Bilirubin Total  4	Component	Value		Test Method	,		Pathologist Signature
Specimen (Source)			<=15		04/01/2023 3:43 PM	THE OTTAWA HOSPITAL -	
Specimen (Source)   Laterality   Volume   Collection Time   Received Time							
Authorizing Provider Result Type  Arif Ali Awan  LAB BLOOD ORDERABLES  Performing Organization THE OTTAWA HOSPITAL- GENERAL SITE  Analysis Specimen (Source) Blood (Blood, Venous)  Anatomical Location THE OTTAWA HOSPITAL- GENERAL SITE  Analysis Blood Collection Method / Volume  Collection Method / Volume Collection Method Ottawa, K1H 8L6  Component  Analysis Performed At Pathologist Signatu Analysis Performed Analysis Performed At Pathologist Signatu Analysis Performed At Pathologist Signatu Analysis Performed At Pathologist Signatu Analysis Performed Analysis Performed At Pathologist Signatu Analysis Performed Analysis Performed At Pathologist Signatu Analysis Performed Analysis Performed At Pathologist Signatu Analysis Performed At Pathologist Signatu Analysis Performed Analysi	Specimen (Source)		cation /		Collection Ti	me	Received Time
Arif Ali Awan LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - 501 Smyth Road Ottawa, K1H 8L6  GENERAL SITE  (ABNORMAL) ALBUMIN - Final result (04/01/2023 3:00 PM EST)  Ref Ref Range Test Method Time Advolve/SITE  Analysis Performed At Pathologist Signatu Albumin 37 (L) 39 - 47  g/L 3:43 PM OTTAWA EST HOSPITAL - GENERAL SITE  Specimen (Source) Laterality Collection Method / Volume Plood (Blood, Venous)  Blood (Blood, Venous) Blood Collection / Unknown Unknown  Authorizing Provider Result Type  Arif Ali Awan LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  PHOSPHATE - Final result (19/12/2022 10:54 AM EST)  Ref Component Value Range Test Method Time At Pathologist Signatu Phone Number  PHOSPHATE - Final result (19/12/2022 10:54 AM EST)  Ref Component Value Range Test Method Time At Pathologist Signatu Phone Number  Analysis Performed Phone Number	Blood (Blood, Venous)			-	04/01/2023	3:00 PM EST	04/01/2023 3:13 PM EST
Performing Organization THE OTTAWA HOSPITAL - 501 Smyth Road GENERAL SITE  (ABNORMAL) ALBUMIN - Final result (04/01/2023 3:00 PM EST) Component Value Ref Ref Component Value Range Test Method Time At Pathologist Signatu Analysis Performed AT OHOSPITAL - GENERAL SITE  Analysis Performed At OHOSPITAL - GENERAL SITE  Collection Method / Volume Blood (Blood, Venous) Blood Collection / Unknown  Authorizing Provider Arf Ali Awan LAB BLOOD ORDERABLES Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  PHOSPHATE - Final result (19/12/2022 10:54 AM EST) Component Value Range Ref City/State/ZIP Code Phone Number  Analysis Performed Analysis Performed O4/01/2023 3:00 PM EST O4/01/2023 3:13 PM O4/01/2023 3:13 PM O4/01/2023 3:13 PM O4/01/2023 3:10 PM EST O4/01/2023 3:13 PM O4/01/2023 3:13 PM O4/01/2023 3:10 PM EST O4/01/2023 3:13 PM O4/01/2023 3:10 PM EST O4/01/2023 3:13 PM O4/01/2023 3:13 PM O4/01/2023 3:10 PM EST O4/01/2023 3:13 PM O4/01/2023 3:10 PM EST O4/01/2023 3:10 PM EST O4/01/2023 3:13 PM O4/01/2023 3:10 PM EST O4/01/2023 3:10 PM O	Authorizing Provider	Result Type					
THE OTTAWA HOSPITAL - GENERAL SITE  (ABNORMAL) ALBUMIN - Final result (04/01/2023 3:00 PM EST)  Ref Range Range Test Method Time At Pathologist Signatu.  Albumin 37 (L) 39 - 47 g/L 34 PM OTTAWA EST HOSPITAL - GENERAL SITE  Specimen (Source) Laterality Volume Collection Method / Volume Collection Time Received Time Received Time Received Time At Pathologist Signatu.  Authorizing Provider Result Type  Arif Ali Awan LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - S01 Smyth Road Ottawa, K1H 8L6  Component Value Range Test Method Time At Pathologist Signatu.  PHOSPHATE - Final result (19/12/2022 10:54 AM EST)  Component Value Range Test Method Time At Pathologist Signatu.  Anatomical Location / Collection Method / SITE Hospital - GENERAL SITE  Anatomical Location / Collection Method / SITE Hospital - GENERAL SITE  Anatomical Location / Collection Method / SITE SITE Hospital - GENERAL SITE	Arif Ali Awan		RDERABLES				
GENERAL SITE  (ABNORMAL) ALBUMIN - Final result (04/01/2023 3:00 PM EST)  Ref Ref Analysis Performed At Pathologist Signatu  37 (L) 39 - 47 g/L 3:43 PM OTTAWA HOSPITAL - GENERAL SITE  Anatomical Location / Volume Collection Time Received Time  Anathorizing Provider Result Type  Arif Ali Awan LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - GENERAL SITE  PHOSPHATE - Final result (19/12/2022 10:54 AM EST)  Component Value Range Test Method Time At Pathologist Signatu  Ottawa, K1H 8L6  Anatomical Location / Collection Method / Unknown  Authorizing Provider Result (19/12/2022 10:54 AM EST)  Anatomical Location / Collection Method Time At Pathologist Signatu  PO4 1.12 0.78 - 1.38 12:05 PM OTTAWA HOSPITAL - GENERAL SITE  Anatomical Location / Collection Method /  Collection Method /	Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
(ABNORMAL) ALBUMIN - Final result (04/01/2023 3:00 PM EST)  Component Value Ref Ref Analysis Performed At Pathologist Signature Result (19/12/2023 THE 3:43 PM OTTAWA EST HOSPITAL GENERAL SITE  Anatomical Location / Collection Method / Volume Received Time Received Time Blood (Blood, Venous)  Authorizing Provider Result Type  Arif Ali Awan LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL GENERAL SITE  PHOSPHATE - Final result (19/12/2022 10:54 AM EST)  Component Value Ref Analysis Performed Time At Pathologist Signature Analysis Performed Time Analysis Performed Time At Pathologist Signature Analysis Performe		501 Smyth Roa	ad	Ottawa, K1H 8L6			
Albumin  37 (L)  39 - 47 g/L  39 - 47 g/L  34.33 PM  OTTAWA EST  HOSPITAL - GENERAL SITE  Anatomical Location / Volume  Collection Time  Received Time  Blood (Blood, Venous)  Blood Collection / Unknown  Authorizing Provider  Arif Ali Awan  LAB BLOOD ORDERABLES  Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  PHOSPHATE - Final result (19/12/2022 10:54 AM EST)  Ref Component  Value  Range  Res Ref Range  Test Method  Time At Pathologist Signatu PO4  Analysis Performed Time At Pathologist Signatu PO4  Analysis Performed Time At Pathologist Signatu PO4  Analysis Performed Time At Po5  Analysis Performed Time At Pothologist Signatu PO4  Analysis Pofrormed Time At Pothologist Signatu PO4  Analysis Performed Time At Pothologist Signatu PO4  Analysis Pofrormed Time At Pothologist Signatu PO4  Analysis Pofrormed Time At Pothologist Signatu PO5  Analysis Pofrormed Time At Pothologist Signatu PO4  Analysis Pofrormed Time At Pothologist Signatu PO5  Analysis Pofrormed Time At Pofrormed Time Analysis Adales Analysis Analys			Ref		•		Pathologist Signature
Specimen (Source)   Laterality   Volume   Collection Time   Received Time	<del></del>	37 (L)	39 - 47		3:43 PM	OTTAWA HOSPITAL - GENERAL	J J
Blood (Blood, Venous)  Blood Collection / Unknown  O4/01/2023 3:00 PM EST 04/01/2023 3:13 PM  Authorizing Provider Result Type  Arif Ali Awan LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - 501 Smyth Road Ottawa, K1H 8L6  GENERAL SITE  PHOSPHATE - Final result (19/12/2022 10:54 AM EST)  Ref Analysis Performed Time At Pathologist Signature  PO4 1.12 0.78 - 1.38 12:05 PM OTTAWA  EST HOSPITAL - GENERAL SITE  Anatomical Location / Collection Method /		Anatomical Loc	cation /	Collection Method /			
Authorizing Provider Result Type  Arif Ali Awan LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - 501 Smyth Road Ottawa, K1H 8L6  PHOSPHATE - Final result (19/12/2022 10:54 AM EST)  Component Value Range Test Method Time At Pathologist Signature PO4  1.12 0.78 - 19/12/2022 THE 1.38 12:05 PM OTTAWA HOSPITAL - GENERAL SITE  Anatomical Location / Collection Method /		Laterality					
Arif Ali Awan LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - 501 Smyth Road Ottawa, K1H 8L6  GENERAL SITE  PHOSPHATE - Final result (19/12/2022 10:54 AM EST)  Ref Component Value Range Test Method Time At Pathologist Signatu  PO4 1.12 0.78 - 1.38 12:05 PM OTTAWA  mmol/L EST HOSPITAL - GENERAL  SITE  Anatomical Location / Collection Method /	Blood (Blood, Venous)				04/01/2023	3:00 PM EST	04/01/2023 3:13 PM EST
Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - 501 Smyth Road Ottawa, K1H 8L6  GENERAL SITE  PHOSPHATE - Final result (19/12/2022 10:54 AM EST)  Ref Component Value Range Test Method Time At Pathologist Signature PO4 1.12 0.78 - 1.38 12:05 PM OTTAWA  mmol/L EST HOSPITAL - GENERAL SITE  Anatomical Location / Collection Method /							
THE OTTAWA HOSPITAL - 501 Smyth Road Ottawa, K1H 8L6  PHOSPHATE - Final result (19/12/2022 10:54 AM EST)  Ref Component Value Range Test Method Time At Pathologist Signatu  PO4  1.12  0.78 - 1.38  12:05 PM OTTAWA EST HOSPITAL - GENERAL SITE  Anatomical Location / Collection Method /	Arif Ali Awan	LAB BLOOD OF	RDERABLES				
PHOSPHATE - Final result (19/12/2022 10:54 AM EST)  Ref Range Test Method Time At Pathologist Signature  PO4 1.12 0.78 - 19/12/2022 THE 1.38 12:05 PM OTTAWA EST HOSPITAL - GENERAL SITE  Anatomical Location / Collection Method /	Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
Component Value Range Test Method Time At Pathologist Signature  PO4 1.12 0.78 - 1.38 12:05 PM OTTAWA EST HOSPITAL - GENERAL SITE  Anatomical Location / Collection Method /		501 Smyth Roa	ad	Ottawa, K1H 8L6			
Component Value Range Test Method Time At Pathologist Signature  PO4  1.12  0.78 - 1.38 12:05 PM OTTAWA mmol/L  EST HOSPITAL - GENERAL SITE  Anatomical Location / Collection Method /	PHOSPHATE - Final resu	ult (19/12/2022	2 10:54 AI	M EST)			
PO4  1.12  0.78 -  1.38  12:05 PM  OTTAWA  mmol/L  EST  HOSPITAL -  GENERAL  SITE  Anatomical Location / Collection Method /	Component	Value		Test Method	•		Pathologist Signature
	<del></del>		0.78 - 1.38	rest ivietnod	19/12/2022 12:05 PM	THE OTTAWA	rathologist Signature
Specimen (Source) Laterality Volume Collection Time Received Time	PO4		mmol/L		LSI	GENERAL	
Blood (Blood, Venous) Blood Collection / 19/12/2022 10:54 AM 19/12/2022 11:27 A						GENERAL SITE	

			Unknown	EST		EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES				
Performing Organization THE OTTAWA HOSPITAL -			City/State/ZIP Code Ottawa, K1H 8L6	Phone Numb	oer	
GENERAL SITE	501 Smyth Ro	au	Ottawa, KTH 6L6			
GLUCOSE RANDOM - F	inal recult (10	/12/2022 1	0.54 VM EST)			
GLOCOSL KANDOW - 1	iliai lesuit (19)	Ref	0.54 AM LST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	7.6	4.0 - 11.0 mmol/L		19/12/2022 12:05 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	19/12/2022 EST		19/12/2022 11:27 AM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE		ad	Ottawa, K1H 8L6			
(ABNORMAL) AUTOMAT		Ref		Analysis	Performed	Dathalagist Signatura
Component Neutrophil	Value 3.79	2.00 -	Test Method	Time 19/12/2022	At THE	Pathologist Signature
, redui opriii	3.13	7.50 x10*9/L		11:47 AM EST	OTTAWA HOSPITAL - GENERAL SITE	
Lymphocyte	0.56 (L)	0.80 -			THE	
		3.50 x10*9/L		11:47 AM EST	OTTAWA HOSPITAL - GENERAL SITE	
Monocyte	0.75	0.10 - 1.00 x10*9/L		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Eosinophil	0.03	<=0.50 x10*9/L		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Basophil	0.03	<=0.10 x10*9/L		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Immature Granulocyte	0.01	<=0.10 x10*9/L		19/12/2022 11:47 AM	THE OTTAWA	

				EST	HOSPITAL - GENERAL SITE	
Sanainan (Saura)	Anatomical Loc	ation /	Collection Method / Volume	Callaction Ti		Descripted Time
Specimen (Source) Blood (Blood, Venous)	Laterality		Blood Collection / Unknown	Collection Ti 19/12/2022 EST		Received Time 19/12/2022 11:27 AM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE		d	Ottawa, K1H 8L6			
CREATININE - Final resu	ılt (19/12/2022	2 10:54 AN Ref	И EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	78	62 - 100 umol/L		19/12/2022 12:05 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	ation /	Collection Method /	C !! .: T'		D : 1.T.
Specimen (Source) Blood (Blood, Venous)	Laterality		Blood Collection / Unknown	Collection Time 19/12/2022 10:54 AM EST		Received Time 19/12/2022 11:27 AM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	per	
THE OTTAWA HOSPITAL - GENERAL SITE		d	Ottawa, K1H 8L6			
(ABNORMAL) CBC (INCLU	IDES DIFFERENT		al result (19/12/2022 10:		D ( )	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	5.2	3.5 - 10.5 x10*9 /L		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	3 3
RBC	3.29 (L)	4.00 - 5.50 x10*12/L		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Hgb	97 (L)	125 - 170 g/L		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Hct	0.312 (L)	0.380 - 0.500 L/L		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	

MCV	94.8	80.0 - 100.0 fL		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
МСН	29.5	27.0 - 34.0 pg		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MCHC	311 (L)	315 - 355 g/L		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
RDW:CV	16.2 (H)	11.5 - 15.5 %		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
PLT	428 (H)	130 - 380 x10*9/L		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MPV	8.8 (L)	9.0 - 14.0 fL		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
NRBC #	0.00	<=0.00 x10*9/L		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
nRBC/100 WBC	0.0	/100WBC		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	19/12/2022 EST	10:54 AM	19/12/2022 11:27 AM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization			City/State/ZIP Code	Phone Numl	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
BUN (UREA) - Final resi	ult (19/12/2022	2 10:54 AN Ref	M EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Urea	4.7	3.3 - 8.9 mmol/L		19/12/2022 12:05 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	

Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	19/12/2022 EST		19/12/2022 11:27 AN EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES	,			
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Ro	ad	Ottawa, K1H 8L6			
ALT - Final result (19/12	:/2022 10:54 <i>A</i>	AM EST) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	14	12 - 49 U/L		19/12/2022 12:05 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Luterunty		Blood Collection / Unknown	19/12/2022 EST		19/12/2022 11:27 AN EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
THE OTTAWA HOSPITAL - GENERAL SITE		ad	Ottawa, K1H 8L6			
AST - Final result (19/12	2/2022 10:54 /	AM EST) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
AST	16	12 - 29 U/L		19/12/2022 12:05 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	19/12/2022 EST	10:54 AM	19/12/2022 11:27 AN EST
Authorizing Provider	Result Type	RDERABLES	;			
Arif Ali Awan						
			City/State/ZIP Code	Phone Num	ber	
Arif Ali Awan	Address	ad	City/State/ZIP Code Ottawa, K1H 8L6	Phone Num	ber	
Arif Ali Awan  Performing Organization  THE OTTAWA HOSPITAL -	Address 501 Smyth Roa		Ottawa, K1H 8L6	Phone Num	ber	
Arif Ali Awan  Performing Organization  THE OTTAWA HOSPITAL - GENERAL SITE	Address 501 Smyth Roa		Ottawa, K1H 8L6	Phone Numl  Analysis Time	Performed At	Pathologist Signature

		mmol/L		12:05 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc	cation /	Collection Method / Volume	Collection Ti	mo	Received Time
Specimen (Source) Blood (Blood, Venous)	Laterality		Blood Collection / Unknown	19/12/2022 EST		19/12/2022 11:27 AM EST
			C.I.K.IG.W.I	231		231
Authorizing Provider Arif Ali Awan	Result Type  LAB BLOOD OR	DFRABLES				
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE		d	City/State/ZIP Code Ottawa, K1H 8L6	Phone Numl	oer	
PROTEIN TOTAL - Final	•	Ref	,	Analysis	Performed	Dathologist Signatura
Component Protein Total	Value 71	Range 63 - 75	Test Method	Time 19/12/2022	At THE	Pathologist Signature
		g/L		12:05 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
Consisson (Course)	Anatomical Loc	cation /	Collection Method /	Collection T		Descived Time
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume  Blood Collection / Unknown	Collection Ti 19/12/2022 EST		Received Time 19/12/2022 11:27 AM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			
POTASSIUM - Final resu		Ref		Analysis	Performed	Dath als sist Cisuset us
Component Potassium	Value 4.5	Range 3.5 - 5.1	Test Method	Time 19/12/2022	At THE	Pathologist Signature
		mmol/L		12:05 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc	cation /	Collection Method / Volume	Collection Ti	mo	Received Time
Specimen (Source) Blood (Blood, Venous)	Laterality		Blood Collection / Unknown	19/12/2022 EST		19/12/2022 11:27 AM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	oer	
THE OTTAWA HOSPITAL - GENERAL SITE		d	Ottawa, K1H 8L6			

ALKALINE PHOSPHATA	SE - Final resu		2022 10:54 AM EST)			
	V/ I	Ref	T (M) (I I	Analysis	Performed	D : 1
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	75	50 - 112 U/L		19/12/2022 12:05 PM	THE OTTAWA	
		0/ L		EST	HOSPITAL -	
					GENERAL	
					SITE	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality	Cation /	Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection /	19/12/2022		19/12/2022 11:27 AM
			Unknown	EST		EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL -	501 Smyth Ro	ad	Ottawa, K1H 8L6			
GENERAL SITE						
(ABNORMAL) MAGNESIU	JM - Final resul	t (19/12/20	)22 10:54 AM EST)			
(12.101		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Magnesium	0.63 (L)	0.66 -		19/12/2022		
		1.07		12:05 PM	OTTAWA	
		mmol/L		EST	HOSPITAL - GENERAL	
					SITE	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	19/12/2022 EST	10:54 AM	19/12/2022 11:27 AM EST
			OTIKTIOWIT	LST		LST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Ro	ad	Ottawa, K1H 8L6			
GENERAL SITE						
CHLORIDE - Final result	(19/12/2022	10:54 AM	EST)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Chloride	99	98 - 107		19/12/2022		
		mmol/L		12:05 PM EST	OTTAWA HOSPITAL -	
				E31	GENERAL	
					SITE	
6	Anatomical Lo	cation /	Collection Method /	6 II .: =:		Description LT
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	19/12/2022 EST	10:54 AM	19/12/2022 11:27 AM EST
			CHRIIOWII	LJI		LJ1
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES				

Performing Organization	Address		City/State/ZIP Code	Phone Numb	per				
THE OTTAWA HOSPITAL -		ad	Ottawa, K1H 8L6						
GENERAL SITE									
CO2 TOTAL (TOTAL CO	CO2 TOTAL (TOTAL CO2) - Final result (19/12/2022 10:54 AM EST)								
COL 101/12 (101/12 CO	z) marresare	Ref	022 10.5 17 (141 251)	Analysis	Performed				
Component	Value	Range	Test Method	Time	At	Pathologist Signature			
Total CO2	30	19 - 30 mmol/L		19/12/2022 12:05 PM	THE OTTAWA				
				EST	HOSPITAL -				
					GENERAL				
					SITE				
	Anatomical Loc	cation /	Collection Method /						
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time			
Blood (Blood, Venous)			Blood Collection / Unknown	19/12/2022 <sup>-</sup> EST	10:54 AM	19/12/2022 11:27 AM EST			
			OTIMIOWIT	231		231			
Authorizing Provider	Result Type								
Arif Ali Awan	LAB BLOOD OF	RDERABLES							
Performing Organization	Address		City/State/ZIP Code	Phone Numb	per				
THE OTTAWA HOSPITAL -		ad	Ottawa, K1H 8L6	THORE IVAILE	JC1				
GENERAL SITE	,								
CALCIUM - Final result	/10/12/2022 1/	7.54 AN4 5	:CT\						
CALCIOIVI - FIIIdi Tesuit	(19/12/2022 10	Ref	.31)	Analysis	Performed				
Component	Value	Range	Test Method	Time	At	Pathologist Signature			
Calcium	2.31	2.24 -							
		2.58 mmol/L		12:05 PM EST	OTTAWA HOSPITAL -				
		IIIIIIOI/L		EST	GENERAL				
					SITE				
	A 1 ' 1 1		Callage And the all						
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time			
Blood (Blood, Venous)	Lateranty		Blood Collection /	19/12/2022		19/12/2022 11:27 AM			
, i i			Unknown	EST		EST			
Authorizina Duri Idea	Decide To 1								
Authorizing Provider Arif Ali Awan	Result Type  LAB BLOOD OF	SDEBARI ES							
7 MII 7 MI /AWQIII	L ID DECOD OF	VOLIVABLES	•						
Performing Organization			City/State/ZIP Code	Phone Numb	oer				
THE OTTAWA HOSPITAL -	501 Smyth Roa	ad	Ottawa, K1H 8L6						
GENERAL SITE									
BILIRUBIN, TOTAL - Fina	al result (19/12	2/2022 10	54 AM EST)						
		Ref		Analysis	Performed	B .1 1			
Component	Value	Range	Test Method	Time	At	Pathologist Signature			
Bilirubin Total	3	<=15 umol/L		19/12/2022 12:05 PM	THE OTTAWA				
		u, _		EST	HOSPITAL -				
					GENERAL				
					SITE				
	Anatomical Loc	cation /	Collection Method /						
Specimen (Source)	Laterality	-	Volume	Collection Ti	me	Received Time			
Blood (Blood, Venous)			Blood Collection /	19/12/2022	10:54 AM	19/12/2022 11:27 AM			

		Unknown	EST	EST
Authorizing Provider	Result Type			
Arif Ali Awan	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6		

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Albumin	37 (L)	39 - 47 g/L		19/12/2022 12:05 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
(Caraina (Carana)	Anatomical Loca	ition /	Collection Method /	Callantia a Ti		Description
Specimen (Source)	Laterality		Volume	Collection Time		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	19/12/2022 EST	10:54 AM	19/12/2022 11:27 AM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORE	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	1	Ottawa, K1H 8L6			

# CT NECK W IV CONTRAST - Edited Result - FINAL (15/12/2022 5:41 PM EST)

			22/42/2022 2 26 PM	FCT		
_Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Neck	Computed Tomography					
Anatomical Region	Laterality	Modality				

# 22/12/2022 3:36 PM EST

#### Addenda

# Addendum on 22/12/2022 4:30 PM EST

Please note Original Report is attached below ADDENDUM:

There is a paragraph which is incomplete just above the Impression. It should be read as:

New lytic area within the left hyoid bone with some gas bubbles. There is also some soft tissue thickening adjacent to the left hyoid bone. These findings are suggestive of radionecrosis. Clinical follow-up is suggested to exclude osteomyelitis.

For report clarification: rads@toh.ca

#### **Impressions**

# ATL POWERSCRIBE - 22/12/2022 3:55 PM EST

Impression: No significant change in the heterogeneously enhancing mass at the base of tongue with extension into the preepiglottic space, epiglottis and supraglottic space. The metastatic lymphadenopathy on the right side of the neck is also unchanged. There is an improvement in the patency of the supraglottic airway due to decrease in the mucosal edema in the supraglottic and glottic regions.

For report clarification: rads@toh.ca

#### Narrative

CT scan the neck with IV contrast

Indication: research; 68yo man with head and neck cancer, tumour assessment for study

Technique: Helical acquisition obtained from the neck covering the frontal sinus to the aortic arch with 2.5 mm axial reconstruction, 2 mm coronal and sagittal reconstructions.

Findings:

Study is compared to November 3, 2022.

FINDINGS: There is a heterogeneously enhancing mass at the oral and base of tongue with a central area of ulceration. There is a thickening of the epiglottic and the preepiglottic space. There is some abnormal heterogeneous enhancement of the right aryepiglottic fold and of the right paralaryngeal space stable from previous. There is a mucosal edema in the left aryepiglottic fold. This causes a mild narrowing of the supraglottic airway. There is improvement in the patency of the laryngeal airway in comparison to the prior study due to decrease in the edema in the supraglottic and glottic region..

Multiple necrotic lymph nodes are present in the right carotid space, right level 2, right level 3 and in the right paraspinal regions unchanged from the prior study. There is a heterogeneously enhanced mass in the suboccipital region in the midline which is also unchanged.

Lytic area within the left bone with some gas bubbles. There is also some adjacent thickening of the

#### Procedure Note

# Thanh Binh Nguyen - 22/12/2022

Formatting of this note might be different from the original.

CT scan the neck with IV contrast

Indication: research; 68yo man with head and neck cancer, tumour assessment for study

Technique: Helical acquisition obtained from the neck covering the frontal sinus to the aortic arch with 2.5 mm axial reconstruction, 2 mm coronal and sagittal reconstructions.

Findings:

Study is compared to November 3, 2022.

FINDINGS: There is a heterogeneously enhancing mass at the oral and base of tongue with a central area of ulceration. There is a thickening of the epiglottic and the preepiglottic space. There is some abnormal heterogeneous enhancement of the right aryepiglottic fold and of the right paralaryngeal space stable from previous. There is a mucosal edema in the left aryepiglottic fold. This causes a mild narrowing of the supraglottic airway. There is improvement in the patency of the laryngeal airway in comparison to the prior study due to decrease in the edema in the supraglottic and glottic region..

Multiple necrotic lymph nodes are present in the right carotid space, right level 2, right level 3 and in the right paraspinal regions unchanged from the prior study. There is a heterogeneously enhanced mass in the suboccipital region in the midline which is also unchanged.

Lytic area within the left bone with some gas bubbles. There is also some adjacent thickening of the

## IMPRESSION:

Impression: No significant change in the heterogeneously enhancing mass at the base of tongue with extension into the preepiglottic space, epiglottis and supraglottic space. The metastatic lymphadenopathy on the right side of the neck is also unchanged. There is an improvement in the patency of the supraglottic airway due to decrease in the mucosal edema in the supraglottic and glottic regions.

For report clarification: rads@toh.ca

Authorizing Provider Result Type

Arif Ali Awan IMG CT PROCEDURES

Performing Organization Address City/State/ZIP Code Phone Number

ATL POWERSCRIBE

Anatomical Region Laterality Modality Chest Computed Tomography Anatomical Location / Collection Method / Specimen (Source) Laterality Volume Collection Time Received Time 16/12/2022 9:24 AM EST

**Impressions** 

# ATL POWERSCRIBE - 16/12/2022 9:34 AM EST

1. Scattered groundglass opacities, some of which have resolved, some of which are new. These are likely inflammatory lesions.

2. Right axillary lymph node has increased further in size.

For report clarification: rads@toh.ca

Narrative

### ATL POWERSCRIBE - 16/12/2022 9:34 AM EST

CT THORAX WITH CONTRAST (ROUTINE)

INDICATION: 68-year-old man with head and neck cancer. Tumor assessment for study. Research.

COMPARISON: November 3, 2022

LUNGS: There is some patchy areas of groundglass opacity scattered throughout the lungs, unchanged. Some of the more solid areas in the left upper lobe have resolved. However there are some new ill-defined groundglass nodules noted, one in the left lower lobe (series 8 image #129) and one in the right lower lobe (image #142). Small solid nodule in the right lower lobe (image #145) is stable. Groundglass nodule in the right middle lobe adjacent to the major fissure (image #172) has not changed appreciably.

TRACHEOBRONCHIAL TREE: Unremarkable. LYMPH NODES & MEDIASTINUM: No adenopathy.

PLEURA & PERICARDIUM: Unremarkable.

HEART & VESSELS: There is calcification in all 3 major coronary arteries.

ESOPHAGUS & Neck: Visualized lower neck is unremarkable.

BONES & CHEST WALL: There is an enlarged lymph node in the right axilla which has increased in size, now measuring 3.6 x 2.1 cm (previously 3.3 x 1.6 cm). Bones are unremarkable.

UPPER ABDOMEN: CT abdomen reported separately.

Procedure Note

### Rebecca Peterson - 16/12/2022

Formatting of this note might be different from the original.

CT THORAX WITH CONTRAST (ROUTINE)

INDICATION: 68-year-old man with head and neck cancer. Tumor assessment for study. Research.

COMPARISON: November 3, 2022

LUNGS: There is some patchy areas of groundglass opacity scattered throughout the lungs, unchanged. Some of the more solid areas in the left upper lobe have resolved. However there are some new ill-defined groundglass nodules noted, one in the left lower lobe (series 8 image #129) and one in the right lower lobe (image #142). Small solid nodule in the right lower lobe (image #145) is stable. Groundglass nodule in the right middle lobe adjacent to the major fissure (image #172) has not changed appreciably.

TRACHEOBRONCHIAL TREE: Unremarkable.

LYMPH NODES & MEDIASTINUM: No adenopathy.

PLEURA & PERICARDIUM: Unremarkable.

HEART & VESSELS: There is calcification in all 3 major coronary arteries.

ESOPHAGUS & Neck: Visualized lower neck is unremarkable.

BONES & CHEST WALL: There is an enlarged lymph node in the right axilla which has increased in size, now measuring 3.6 x 2.1 cm (previously 3.3 x 1.6 cm). Bones are unremarkable.

UPPER ABDOMEN: CT abdomen reported separately.

## **IMPRESSION:**

- 1. Scattered groundglass opacities, some of which have resolved, some of which are new. These are likely inflammatory lesions.
- 2. Right axillary lymph node has increased further in size.

For report clarification: rads@toh.ca

Authorizing Provider Result Type

Arif Ali Awan IMG CT PROCEDURES Performing Organization Address City/State/ZIP Code Phone Number

ATL POWERSCRIBE

CT ABDOMEN PELVIS W IV CONTRAST - Final result (15/12/2022 5:41 PM EST)

Anatomical Region Laterality Modality

Region Polytic V Computed Tops

Body, Abdomen, Pelvis, Y Computed Tomography

Anatomical Location / Collection Method /

Specimen (Source) Laterality Volume Collection Time Received Time

19/12/2022 1:28 PM EST

**Impressions** 

ATL POWERSCRIBE - 19/12/2022 1:31 PM EST

Increase in size of solitary metastasis in the liver. No other metastatic disease in the abdomen or pelvis.

Thank you for the consultation.

For report clarification: rads@toh.ca

Narrative

ATL POWERSCRIBE - 19/12/2022 1:31 PM EST

CT ABDOMEN & PELVIS

INDICATION: Age: 68 years old; Male, "research; 68yo man with head and neck cancer, tumour assessment for

Study

TECHNIQUE: Routine portal venous phase contrast-enhanced evaluation. Oral contrast was not given.

COMPARISON: CT abdomen and pelvis November 3

**HEPATOBILIARY SYSTEM:** 

Liver: Segment 6 metastasis series 601 image 61 maximum diameter is 4.8 cm; previously 4.1 cm.

No additional liver lesions of concern.

Biliary Tree: No important gallbladder abnormality. No important abnormality of the biliary tree.

Pancreas: No important abnormality.

GASTROINTESTINAL TRACT: No important abnormality.

GENITOURINARY SYSTEM:

Adrenals: No important abnormality.

Kidneys / Ureters: No important abnormality. Urinary Bladder: No important abnormality. Reproductive Organs: Moderate prostatomegaly.

LYMPHATIC SYSTEM: No important abnormality of the spleen. No lymphadenopathy.

PERITONEUM, RETROPERITONEUM & MESENTERY: No ascites or nodular peritoneal disease.

VESSELS & OTHER: Moderate atherosclerosis without aneurysm or major branch vessel occlusion. Portal and systemic veins are patent.

BONES / BODY WALL: No important bony abnormality. No body wall abnormality.

LOWER THORAX (lung bases, heart): CT chest reported separately.

-----

Procedure Note

**Matthew Donald Fernand McInnes - 19/12/2022** 

Formatting of this note might be different from the original.

CT ABDOMEN & PELVIS

INDICATION: Age: 68 years old; Male, "research; 68yo man with head and neck cancer, tumour assessment for study"

TECHNIQUE: Routine portal venous phase contrast-enhanced evaluation. Oral contrast was not given.

COMPARISON: CT abdomen and pelvis November 3

**HEPATOBILIARY SYSTEM:** 

Liver: Segment 6 metastasis series 601 image 61 maximum diameter is 4.8 cm; previously 4.1 cm.

No additional liver lesions of concern.

Biliary Tree: No important gallbladder abnormality. No important abnormality of the biliary tree.

Pancreas: No important abnormality.

GASTROINTESTINAL TRACT: No important abnormality.

**GENITOURINARY SYSTEM:** 

Adrenals: No important abnormality.

Kidneys / Ureters: No important abnormality. Urinary Bladder: No important abnormality.

Reproductive Organs: Moderate prostatomegaly.

LYMPHATIC SYSTEM: No important abnormality of the spleen. No lymphadenopathy.

PERITONEUM, RETROPERITONEUM & MESENTERY: No ascites or nodular peritoneal disease.

VESSELS & OTHER: Moderate atherosclerosis without aneurysm or major branch vessel occlusion. Portal and systemic veins are patent.

BONES / BODY WALL: No important bony abnormality. No body wall abnormality.

LOWER THORAX (lung bases, heart): CT chest reported separately.

-----

#### IMPRESSION:

Arif Ali Awan

Increase in size of solitary metastasis in the liver. No other metastatic disease in the abdomen or pelvis.

Thank you for the consultation.

For report clarification: rads@toh.ca

Authorizing Provider	Result Type		
Arif Ali Awan	IMG CT PROCEDURES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
ATL POWERSCRIBE			

## PHOSPHATE - Final result (05/12/2022 2:09 PM EST)

	F	Ref		Analysis	Performed	
Component		Range	Test Method	Time	At	Pathologist Signature
PO4	1	).78 - I.38 nmol/L		05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Location / Decimen (Source) Laterality		Collection Method / Volume	Collection Time		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	05/12/2022	2:09 PM EST	05/12/2022 3:07 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORDERABLES					
Performing Organization	Address		City/State/ZIP Code	Phone Numl	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road		Ottawa, K1H 8L6			

## GLUCOSE RANDOM - Final result (05/12/2022 2:09 PM EST)

LAB BLOOD ORDERABLES

02000210010	· mai resaire (	00, 12, 2022	03 : 23 : /			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	6.2	4.0 - 11.0 mmol/L		05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Laterality	Location /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	05/12/2022	2:09 PM EST	05/12/2022 3:07 PM EST
Authorizing Provider	Result Type	1				

Performing Organization	Address		City/State/ZIP Code	Phone Numb	ner	
THE OTTAWA HOSPITAL -			Ottawa, K1H 8L6	111011011011	701	
GENERAL SITE			Ottavia, it 525			
(ADMODRANI) AUTORANTI	TO DISCEDENITIA	Al Einale		4 FCT)		
(ABNUKIVIAL) AUTUIVIATE	:D DIFFERENTIA	AL - Final ro Ref	result (05/12/2022 2:09 PM	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	3.79	2.00 -	1000	05/12/2022		1 4441212 9 2 2
	<b>5.</b> 2	7.50		3:41 PM	OTTAWA	
		x10*9/L		EST	HOSPITAL -	
					GENERAL SITE	
Lymphocyte	0.99	0.80 -		05/12/2022		
Lymphocyte	0.55	3.50		3:41 PM	OTTAWA	
		x10*9/L		EST	HOSPITAL -	
					GENERAL	
	- ^^	2.40		(12 /2022	SITE	
Monocyte	0.89	0.10 - 1.00		05/12/2022 3:41 PM	THE OTTAWA	
		x10*9/L		EST	HOSPITAL -	
		, <u>-,</u>		20.	GENERAL	
					SITE	
Eosinophil	0.06	<=0.50		05/12/2022		
		x10*9/L		3:41 PM	OTTAWA	
				EST	HOSPITAL - GENERAL	
					SITE	
Basophil	0.09	<=0.10		05/12/2022	THE	
·		x10*9/L		3:41 PM	OTTAWA	
				EST	HOSPITAL -	
					GENERAL SITE	
Immature Granulocyte	0.17 (H)	<=0.10		05/12/2022		
		x10*9/L		3:41 PM	OTTAWA	
				EST	HOSPITAL -	
					GENERAL SITE	
					SIIE	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Tir		Received Time
Blood (Blood, Venous)				05/12/2022 7	2:09 PM EST	05/12/2022 3:12 PM EST
			Unknown			
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization			City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL -	501 Smyth Roa	d	Ottawa, K1H 8L6			
GENERAL SITE						
CREATININE - Final resu	ılt (05/12/2022	2:09 PM	EST)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	90	62 - 100		05/12/2022		
		umol/L		3:45 PM EST	ottawa Hospital -	
				ESI	GENERAL	
					SITE	

	Anatomical Location /		Collection Method /						
Specimen (Source)	Laterality		Volume	Collection Time		Received Time			
Blood (Blood, Venous)	-		Blood Collection /	05/12/2022 2:09 PM EST		05/12/2022 3:07 PM EST			
			Unknown						
Authorizing Provider	Result Type								
Arif Ali Awan	LAB BLOOD OF	RDERABLES							
Performing Organization			City/State/ZIP Code	Phone Num	oer				
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road		Ottawa, K1H 8L6						
GENERALE SITE									
(ABNORMAL) CBC (INCLUDES DIFFERENTIAL) - Final result (05/12/2022 2:09 PM EST)									
(ABNORMAL) CBC (INCL	UDES DIFFEREN	Ref	ai result (05/12/2022 2:09	Analysis	Performed				
Component	Value	Range	Test Method	Time	At	Pathologist Signature			
WBC	6.0	3.5 - 10.5		05/12/2022					
		x10*9 /L		3:41 PM	OTTAWA				
				EST	HOSPITAL - GENERAL				
					SITE				
RBC	3.43 (L)	4.00 -		05/12/2022					
		5.50		3:41 PM	OTTAWA				
		x10*12/L		EST	HOSPITAL - GENERAL				
					SITE				
Hgb	99 (L)	125 - 170		05/12/2022					
		g/L		3:41 PM	OTTAWA				
				EST	HOSPITAL - GENERAL				
					SITE				
Hct	0.321 (L)	0.380 -		05/12/2022					
		0.500 L/L		3:41 PM EST	OTTAWA HOSPITAL -				
				EST	GENERAL				
					SITE				
MCV	93.6	80.0 -		05/12/2022					
		100.0 fL		3:41 PM EST	OTTAWA HOSPITAL -				
				LJI	GENERAL				
					SITE				
MCH	28.9	27.0 -		05/12/2022					
		34.0 pg		3:41 PM EST	OTTAWA HOSPITAL -				
				20.	GENERAL				
					SITE				
MCHC	308 (L)	315 - 355		05/12/2022 3:41 PM	THE OTTAWA				
		g/L		EST	HOSPITAL -				
					GENERAL				
					SITE				
RDW:CV	15.7 (H)	11.5 - 15.5 %		05/12/2022 3:41 PM	THE OTTAWA				
		13.3 /0		EST	HOSPITAL -				
					GENERAL				
DI T	440	400		05 (40 (655	SITE				
PLT	462 (H)	130 - 380 x10*9/L		05/12/2022 3:41 PM	THE OTTAWA				
		∧10 J/L		EST	HOSPITAL -				
					GENERAL				
MADV /	0.6.(1)	0.0 14.0		05 /12 /2222	SITE				
MPV	8.6 (L)	9.0 - 14.0		05/12/2022	THE				

		fL		3:41 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
NRBC #	0.00	<=0.00 x10*9/L		05/12/2022 3:41 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
nRBC/100 WBC	0.0	/100WBC		05/12/2022 3:41 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	05/12/2022	2:09 PM EST	05/12/2022 3:12 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	per	
THE OTTAWA HOSPITAL - GENERAL SITE		d	Ottawa, K1H 8L6	THORIC HAILI	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
BUN (UREA) - Final resu	Value	Ref Range	EST) Test Method	Analysis Time	Performed At	Pathologist Signature
Urea	5.2	3.3 - 8.9 mmol/L		05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL - GENERAL	
					SITE	
	Anatomical Loc	ation /	Collection Method /		SITE	
Specimen (Source)	Anatomical Loc Laterality	ation /	Volume	Collection Ti	SITE me	Received Time
Specimen (Source) Blood (Blood, Venous)		ation /		Collection Ti 05/12/2022	SITE me	Received Time 05/12/2022 3:07 PM EST
Blood (Blood, Venous)  Authorizing Provider	Laterality  Result Type		Volume Blood Collection /		SITE me	
Blood (Blood, Venous)	Laterality		Volume Blood Collection /		SITE me	
Blood (Blood, Venous)  Authorizing Provider	Result Type  LAB BLOOD OR		Volume Blood Collection /		me 2:09 PM EST	
Blood (Blood, Venous)  Authorizing Provider  Arif Ali Awan	Result Type  LAB BLOOD OR  Address	DERABLES	Volume Blood Collection / Unknown	05/12/2022	me 2:09 PM EST	
Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  ALT - Final result (05/12)	Result Type LAB BLOOD OR Address 501 Smyth Roa	DERABLES d I EST) Ref	Volume Blood Collection / Unknown  City/State/ZIP Code Ottawa, K1H 8L6	Phone Numb	me 2:09 PM EST  Der  Performed	05/12/2022 3:07 PM EST
Authorizing Provider Arif Ali Awan  Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  ALT - Final result (05/12)	Result Type LAB BLOOD OR Address 501 Smyth Roa	DERABLES  d  EST)  Ref  Range	Volume Blood Collection / Unknown  City/State/ZIP Code	Phone Numb	me 2:09 PM EST  Der  Performed At	
Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  ALT - Final result (05/12)	Result Type LAB BLOOD OR Address 501 Smyth Roa	DERABLES d I EST) Ref	Volume Blood Collection / Unknown  City/State/ZIP Code Ottawa, K1H 8L6	Phone Numb	me 2:09 PM EST  Der  Performed	05/12/2022 3:07 PM EST
Authorizing Provider Arif Ali Awan  Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  ALT - Final result (05/12  Component ALT	Result Type LAB BLOOD OR Address 501 Smyth Roa 2/2022 2:09 PM Value 14 Anatomical Loc	DERABLES  d  EST)  Ref  Range  12 - 49  U/L	Volume Blood Collection / Unknown  City/State/ZIP Code Ottawa, K1H 8L6  Test Method  Collection Method /	Phone Number Analysis Time 05/12/2022 3:45 PM EST	Performed At THE OTTAWA HOSPITAL - GENERAL SITE	05/12/2022 3:07 PM EST  Pathologist Signature
Authorizing Provider Arif Ali Awan  Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  ALT - Final result (05/12)	Result Type LAB BLOOD OR Address 501 Smyth Roa 2/2022 2:09 PM Value 14	DERABLES  d  EST)  Ref  Range  12 - 49  U/L	Blood Collection / Unknown  City/State/ZIP Code Ottawa, K1H 8L6  Test Method	Phone Numb  Analysis Time  05/12/2022 3:45 PM	Performed At THE OTTAWA HOSPITAL - GENERAL SITE	05/12/2022 3:07 PM EST

# Unknown

Authorities Duscides	Decult Tone					
Authorizing Provider Arif Ali Awan	Result Type					
Arit Ali Awan	LAB BLOOD OR	DEKABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL -	501 Smyth Roa	ıd	Ottawa, K1H 8L6			
GENERAL SITE						
AST - Final result (05/12	2/2022 2:09 PM	1 EST)				
7.0.	-,	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
AST	13	12 - 29		05/12/2022		
		U/L		3:45 PM EST	Ottawa Hospital -	
				E31	GENERAL	
					SITE	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	mo	Received Time
Blood (Blood, Venous)	Lateranty		Blood Collection /		2:09 PM EST	05/12/2022 3:07 PM EST
biood (biood, verious)			Unknown	03/12/2022	2.03 T WI L3T	03/12/2022 3.07 TWI LST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	ner	
THE OTTAWA HOSPITAL -			Ottawa, K1H 8L6	THORIC IVAIII	JC1	
GENERAL SITE	50 : 5::., : : : :					
CODILIM Final result (	OF (12 (2022 2.0		<b>.</b>			
SODIUM - Final result ((	J5/ 12/2022 2:0	Ref	)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Sodium	138	136 - 144		05/12/2022	THE	<u> </u>
		mmol/L		3:45 PM	OTTAWA	
				EST	HOSPITAL - GENERAL	
					SITE	
	Anatomical Loc	cation /	Collection Method /	- II		
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	05/12/2022	2:09 PM EST	05/12/2022 3:07 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ner	
THE OTTAWA HOSPITAL -		ıd	Ottawa, K1H 8L6	THORIC IVAIII	JC1	
GENERAL SITE	50 : 5:y a : toa.					
	rocult (05 /12 /2	022 2.00	DM ECT)			
PROTEIN TOTAL - Final	resuit (05/12/2	022 2:09 1 Ref	TIVI ESI)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Protein Total	71	63 - 75		05/12/2022		<u> </u>
		g/L		3:45 PM	OTTAWA	
				EST	HOSPITAL - GENERAL	
I					GLIVENAL	

Specimen (Source)	Anatomical Location / Specimen (Source) Laterality		Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	,		Blood Collection / Unknown	05/12/2022	2:09 PM EST	05/12/2022 3:07 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ner	
THE OTTAWA HOSPITAL -	501 Smyth Roa	ad	Ottawa, K1H 8L6	THORIC INGILI	JC1	
GENERAL SITE	•					
POTASSIUM - Final resu	ılt (05/12/2022	2:09 PM Ref	EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Potassium	5.0	3.5 - 5.1 mmol/L		05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Location / Specimen (Source) Laterality			Collection Time		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	05/12/2022 2:09 PM EST		05/12/2022 3:07 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
ALKALINE PHOSPHATA  Component	SE - Final resu Value	lt (05/12/2 Ref Range	2022 2:09 PM EST) Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	83	50 - 112	rest Method	05/12/2022	THE	Tathologist Signature
		U/L		3:45 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	05/12/2022	2:09 PM EST	05/12/2022 3:07 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE		ad	Ottawa, K1H 8L6			
MAGNESHIM - Final res	ult (05 /12 /202	)	1 ECT)			

MAGNESIUM - Final result (05/12/2022 2:09 PM EST)

Ref

Analysis

Performed

Component	Value	Range	Test Method	Time	At	Pathologist Signature
Magnesium	0.66	0.66 - 1.07 mmol/L		05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection Ti	mo	Received Time
Specimen (Source)  Blood (Blood, Venous)	Lateranty		Blood Collection / Unknown		2:09 PM EST	05/12/2022 3:07 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Ro	ad	Ottawa, K1H 8L6			
CHLORIDE - Final result	t (05/12/2022	2:09 PM E Ref	ST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Chloride	100	98 - 107 mmol/L		05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	05/12/2022 2:09 PM EST		05/12/2022 3:07 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Ro	ad	Ottawa, K1H 8L6			
CO2 TOTAL (TOTAL CO		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Total CO2	30	19 - 30 mmol/L		05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source) Blood (Blood, Venous)	e) Laterality		Volume  Blood Collection / Unknown	Collection Ti 05/12/2022	me 2:09 PM EST	05/12/2022 3:07 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL -		ad	Ottawa, K1H 8L6			

GENERAL SITE						
CALCIUM - Final result (	/05/12/2027	2 2.00 PM ES	·T\			
CALCIDIVI TITIAL 1884.1	03/12/2022	Ref	1)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Calcium	2.36	2.24 - 2.58 mmol/L		05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Laterality	Location /	Collection Method / Volume	Collection Ti	ime	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown		2:09 PM EST	
Authorizing Provider	Result Type	ن د				
Arif Ali Awan		ORDERABLES	,			
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL - GENERAL SITE		Road	Ottawa, K1H 8L6		, c.	
BILIRUBIN, TOTAL - Fina	ıl result (05,	/12/2022 2:09 Ref	9 PM EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	3	<=15 umol/L		05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Laterality	Location /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	05/12/2022 7	2:09 PM EST	05/12/2022 3:07 PM EST
Authorizing Provider	Result Type	غ				
Arif Ali Awan		ORDERABLES	,			
Performing Organization	Address		City/State/ZIP Code	Phone Numb	hor	
THE OTTAWA HOSPITAL -		Road	Ottawa, K1H 8L6	11101101111	)C1	
GENERAL SITE						
(ABNORMAL) ALBUMIN -	· Final result		2:09 PM EST)	Analysis	Performed	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Albumin	37 (L)	39 - 47 g/L		05/12/2022 3:45 PM EST		J
Specimen (Source)	Anatomical Laterality	Location /	Collection Method / Volume	Collection Ti	ime	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown		2:09 PM EST	

Authorizing Provider Result Type

Arif Ali Awan	LAB BLOOD ORDERABLES							
Performing Organization	Address		City/State/ZIP Code	Phone Numb	per			
THE OTTAWA HOSPITAL - GENERAL SITE		d	Ottawa, K1H 8L6					
PHOSPHATE - Final resu	ılt (28/11/2022		EST)		D ( )			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature		
PO4	1.09	0.78 -		28/11/2022				
		1.38 mmol/L		2:54 PM EST	OTTAWA HOSPITAL - GENERAL SITE			
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	mo	Received Time		
Specimen (Source) Blood (Blood, Venous)	Lateranty		Blood Collection /			28/11/2022 2:25 PM EST		
blood (blood, verious)			Unknown	20/11/2022	2.1111W L31	20/11/2022 2.23 1 W 231		
Authorizing Provider	Result Type							
Arif Ali Awan	LAB BLOOD OR	DERABLES						
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6					
GLUCOSE RANDOM - Fi  Component  Glucose Random	Value 6.2	11/2022 2 Ref Range 4.0 - 11.0 mmol/L	Test Method	Analysis Time 28/11/2022 2:54 PM EST	Performed At THE OTTAWA HOSPITAL - GENERAL SITE	Pathologist Signature		
Specimen (Seures)	Anatomical Loc	ation /	Collection Method / Volume	Collection Ti		Received Time		
Specimen (Source) Blood (Blood, Venous)	Laterality		Blood Collection /		2:11 PM EST			
Blood (Blood, Vellous)			Unknown	20, 11, 2022 1	2.1111111231	20,11,2022 2.23 1 101 231		
Authorizing Provider	Result Type							
Arif Ali Awan	LAB BLOOD OR	DERABLES						
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer			
THE OTTAWA HOSPITAL - GENERAL SITE		d	Ottawa, K1H 8L6					
AUTOMATED DIFFEREN	AUTOMATED DIFFERENTIAL - Final result (28/11/2022 2:11 PM EST)							
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature		
Neutrophil	6.30	2.00 - 7.50 x10*9/L		28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE			
Lymphocyte	0.80	0.80 - 3.50		28/11/2022 2:40 PM	THE OTTAWA			

		x10*9/L		EST	HOSPITAL - GENERAL SITE	
Monocyte	0.69	0.10 - 1.00 x10*9/L		28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Eosinophil	0.07	<=0.50 x10*9/L		28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Basophil	0.05	<=0.10 x10*9/L		28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Immature Granulocyte	0.03	<=0.10 x10*9/L		28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	28/11/2022	2:11 PM EST	28/11/2022 2:25 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	per	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ıd	Ottawa, K1H 8L6			
CDEATININE E's al sec	L (20/11/202	) 2.11 DN4	FCT\			
CREATININE - Final resu	JIL (28/ 1 1/2022	Ref	ES1)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	87	62 - 100 umol/L		28/11/2022 2:54 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	28/11/2022 7	2:11 PM EST	28/11/2022 2:25 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization			City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	nd	Ottawa, K1H 8L6			
(ABNORMAL) CBC (INCL	UDES DIFFEREN	TIAL) (CBC	() - Final result (28/11/2	022 2:11 PM ES	ST)	
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature

WBC	7.9	3.5 - 10.5 x10*9 /L		28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
RBC	3.23 (L)	4.00 - 5.50 x10*12/L		28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Hgb	96 (L)	125 - 170 g/L		28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Hct	0.298 (L)	0.380 - 0.500 L/L		28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MCV	92.3	80.0 - 100.0 fL		28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
МСН	29.7	27.0 - 34.0 pg		28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
МСНС	322	315 - 355 g/L		28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
RDW:CV	15.4	11.5 - 15.5 %		28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
PLT	391 (H)	130 - 380 x10*9/L		28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MPV	8.5 (L)	9.0 - 14.0 fL		28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
NRBC #	0.00	<=0.00 x10*9/L		28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
nRBC/100 WBC	0.0	/100WBC		28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection Ti	me Received Time	

Blood (Blood, Venous)			Blood Collection / Unknown	28/11/2022 2:11 PM EST		28/11/2022 2:25 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road		Ottawa, K1H 8L6			
BUN (UREA) - Final resu	ılt (28/11/2027	2 2:11 PM Ref	EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Urea	4.3	3.3 - 8.9 mmol/L		30/11/2022 7:24 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	28/11/2022 2	2:11 PM EST	28/11/2022 2:25 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
ALT - Final result (28/11	Value	Ref Range	Test Method	Analysis Time	At	Pathologist Signature
ALT	15	12 - 49 U/L		28/11/2022 2:54 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	28/11/2022 2	2:11 PM EST	28/11/2022 2:25 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization			City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
AST - Final result (28/11	I/2022 2:11 PN	M EST) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
AST	14	12 - 29 U/L		28/11/2022 2:54 PM EST	THE OTTAWA HOSPITAL -	

GENERAL SITE

	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Time		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	28/11/2022 2:11 PM EST		28/11/2022 2:25 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORDERABLES					
Performing Organization	Address		City/State/ZIP Code	Phone Numb	per	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			
SODIUM - Final result (2	28/11/2022 2:1	1 PM EST) Ref	)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Sodium	137	136 - 144 mmol/L		28/11/2022 2:54 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	28/11/2022 2	2:11 PM EST	28/11/2022 2:25 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	RDERABLES				
		RDERABLES	City/State/7IP Code	Phone Numb	ner	
Performing Organization THE OTTAWA HOSPITAL -			City/State/ZIP Code Ottawa, K1H 8L6	Phone Numb	per	
Performing Organization	Address			Phone Numb	per	
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE	Address 501 Smyth Roa	d	Ottawa, K1H 8L6	Phone Numb	oer	
Performing Organization THE OTTAWA HOSPITAL -	Address 501 Smyth Roa	od 022 2:11 F	Ottawa, K1H 8L6			
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  PROTEIN TOTAL - Final	Address 501 Smyth Roa result (28/11/2	022 2:11 F	Ottawa, K1H 8L6 PM EST)	Analysis	Performed	Pathologist Signature
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  PROTEIN TOTAL - Final Component	Address 501 Smyth Roa result (28/11/2) Value	od 022 2:11 F Ref Range	Ottawa, K1H 8L6	Analysis Time	Performed At	Pathologist Signature
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  PROTEIN TOTAL - Final	Address 501 Smyth Roa result (28/11/2	022 2:11 F	Ottawa, K1H 8L6 PM EST)	Analysis	Performed	Pathologist Signature
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  PROTEIN TOTAL - Final Component Protein Total	Address 501 Smyth Roa result (28/11/2) Value 66 Anatomical Loc	022 2:11 F Ref Range 63 - 75 g/L	Ottawa, K1H 8L6  PM EST)  Test Method  Collection Method /	Analysis Time 28/11/2022 2:54 PM EST	Performed At THE OTTAWA HOSPITAL - GENERAL SITE	
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  PROTEIN TOTAL - Final Component Protein Total  Specimen (Source)	Address 501 Smyth Roa result (28/11/2) Value 66	022 2:11 F Ref Range 63 - 75 g/L	Ottawa, K1H 8L6  PM EST)  Test Method  Collection Method / Volume	Analysis Time 28/11/2022 2:54 PM EST	Performed At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  PROTEIN TOTAL - Final Component Protein Total	Address 501 Smyth Roa result (28/11/2) Value 66 Anatomical Loc	022 2:11 F Ref Range 63 - 75 g/L	Ottawa, K1H 8L6  PM EST)  Test Method  Collection Method /	Analysis Time 28/11/2022 2:54 PM EST	Performed At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  PROTEIN TOTAL - Final Component Protein Total  Specimen (Source)	Address 501 Smyth Roa result (28/11/2) Value 66 Anatomical Loc	022 2:11 F Ref Range 63 - 75 g/L	Ottawa, K1H 8L6  PM EST)  Test Method  Collection Method / Volume  Blood Collection /	Analysis Time 28/11/2022 2:54 PM EST	Performed At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  PROTEIN TOTAL - Final Component Protein Total  Specimen (Source) Blood (Blood, Venous)	Address 501 Smyth Roa result (28/11/2) Value 66 Anatomical Loc Laterality	022 2:11 F Ref Range 63 - 75 g/L	Ottawa, K1H 8L6  PM EST)  Test Method  Collection Method / Volume  Blood Collection /	Analysis Time 28/11/2022 2:54 PM EST	Performed At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  PROTEIN TOTAL - Final Component Protein Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan	Address 501 Smyth Roa result (28/11/2) Value 66  Anatomical Loc Laterality	022 2:11 F Ref Range 63 - 75 g/L	Ottawa, K1H 8L6  PM EST)  Test Method  Collection Method / Volume  Blood Collection / Unknown	Analysis Time 28/11/2022 2:54 PM EST	Performed At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  PROTEIN TOTAL - Final Component Protein Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider	Address 501 Smyth Roa  result (28/11/2)  Value 66  Anatomical Loc Laterality  Result Type LAB BLOOD OR	022 2:11 F Ref Range 63 - 75 g/L cation /	Ottawa, K1H 8L6  PM EST)  Test Method  Collection Method / Volume  Blood Collection /	Analysis Time 28/11/2022 2:54 PM EST Collection Ti 28/11/2022	Performed At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  PROTEIN TOTAL - Final Component Protein Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan Performing Organization	Address 501 Smyth Roa  result (28/11/2)  Value 66  Anatomical Loc Laterality  Result Type  LAB BLOOD OR Address	022 2:11 F Ref Range 63 - 75 g/L cation /	Ottawa, K1H 8L6  PM EST)  Test Method  Collection Method / Volume  Blood Collection / Unknown  City/State/ZIP Code	Analysis Time 28/11/2022 2:54 PM EST Collection Ti 28/11/2022	Performed At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time

POTASSIUM - Final result (28/11/2022 2:11 PM EST)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Potassium	4.8	3.5 - 5.1 mmol/L		28/11/2022 2:54 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	cation /	Collection Method /	6 H .: =		
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume Blood Collection /	28/11/2022 2		Received Time 28/11/2022 2:25 PM EST
blood (blood, verious)			Unknown	20/11/2022	2.11 FIVI E31	20/11/2022 2.23 FIVI E31
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization			City/State/ZIP Code	Phone Numb	per	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
ALKALINE PHOSPHATA  Component	Value	Ref Range	2022 2:11 PM EST) Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	72	50 - 112 U/L		28/11/2022 2:54 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
6 (6 . )	Anatomical Loc	cation /	Collection Method /	C II .: T'		
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume Blood Collection /	28/11/2022 2		Received Time 28/11/2022 2:25 PM EST
biood (biood, verious)			Unknown	20/11/2022	2.11 PIVI E31	20/11/2022 2.23 PIVI E31
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb		
THE OTTAWA HOSPITAL -		ad	Ottawa, K1H 8L6			
GENERAL SITE  MAGNESIUM - Final res	sult (28/11/202		1 EST)			
Component	Value	Ref	Test Method	Analysis Time	Performed At	Pathologist Signature
Component  Magnesium	0.66	0.66 - 1.07 mmol/L	rest ivietnou	28/11/2022 2:54 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	Pathologist Signature
Specimen (Source)	Anatomical Loc	cation /	Collection Method / Volume	Collection Ti	mo	Received Time
Blood (Blood, Venous)	Laterality		Blood Collection / Unknown	28/11/2022		28/11/2022 2:25 PM EST
Austhard Co. D. C.	Dec U.T.					
Authorizing Provider  Arif Ali Awan	Result Type  LAB BLOOD OF	RDFRARI FS				
		VD LIV VDLLJ				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	per	

THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
CHLORIDE - Final result	. (28/11/2022 7	2:11 PM E	ST)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Chloride	98	98 - 107 mmol/L		28/11/2022 2:54 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	ime	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown			28/11/2022 2:25 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	RDERABLES	,			
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL -		ad	Ottawa, K1H 8L6			
GENERAL SITE						
CO2 TOTAL (TOTAL CO2	2) - Final result Value	t (28/11/20 Ref Range	022 2:11 PM EST) Test Method	Analysis Time	Performed At	Pathologist Signature
Total CO2	29	19 - 30 mmol/L		28/11/2022 2:54 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	j
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	28/11/2022 2	2:11 PM EST	28/11/2022 2:25 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	₹DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ıd	Ottawa, K1H 8L6			
CALCIUM - Final result (		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Calcium	2.31	2.24 - 2.58 mmol/L		28/11/2022 2:54 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	cation /	Collection Method /		-	
Specimen (Source)	Laterality	Volume Collection Time			Received Time	

Blood Collection /

Unknown

28/11/2022 2:11 PM EST 28/11/2022 2:25 PM EST

Blood (Blood, Venous)

Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES	,			
Porforming Organization	Addross		City/State/ZIP Code	Phone Numb		
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE		d	Ottawa, K1H 8L6	PHOHE NUME	<u>Jei</u>	
GENEKAL SITE						
			<del></del>			
BILIRUBIN, TOTAL - Fina	al result (28/11/	/2022 2:1 Ref	1 PM EST)	Analysis	Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
Bilirubin Total	4	<=15		28/11/2022		<u> </u>
		umol/L		2:54 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume Blood Collection /	Collection Ti		Received Time
Blood (Blood, Venous)			Unknown	28/ I I/2U22 <i>a</i>	2:11 PIVI EST	28/11/2022 2:25 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	.DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL -		d	Ottawa, K1H 8L6			
GENERAL SITE						
(ABNORMAL) ALBUMIN -	Final result (28		2:11 PM EST)	A -a a lucio	Darfarmad	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Albumin	36 (L)	39 - 47		28/11/2022	THE	
		g/L		2:54 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	28/11/2022 2	2:11 PM EST	28/11/2022 2:25 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL -	501 Smyth Roa	d	Ottawa, K1H 8L6			
GENERAL SITE						
PHOSPHATE - Final resu	ult (15/11/2022		EST)	Asalisaia	DCa a d	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
PO4	1.19	0.78 - 1.38 mmol/L	1630 Medica	15/11/2022 2:29 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	Turiologica Digitalia
					SIIL	

	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality	•	Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection /	15/11/2022 1:47 PM EST		15/11/2022 1:55 PM EST
			Unknown			
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Dayfarming Organization	A d droce		City/State/7ID Code	Dhana Ni mah		
Performing Organization THE OTTAWA HOSPITAL -		ad	City/State/ZIP Code Ottawa, K1H 8L6	Phone Numb	per	
GENERAL SITE	301 Sillytii Rot	au	Ottawa, KIII 020			
GLUCOSE RANDOM - F	inal result (15)	/11/2022 ·	1·//7 DN// ECT\			
GLOCOSE NAINDOW - 1	marresuit (13/	Ref	1.47 T WI LST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	6.8	4.0 - 11.0		15/11/2022		
		mmol/L		2:29 PM EST	OTTAWA HOSPITAL -	
				23.	GENERAL	
					SITE	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality	cation	Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection /	15/11/2022	1:47 PM EST	15/11/2022 1:55 PM EST
			Unknown			
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
De de coi e Occasi elies	A -1 -1		C'I (Crata/7ID Carla	Diama Ni sal		
Performing Organization THE OTTAWA HOSPITAL -		ad	City/State/ZIP Code Ottawa, K1H 8L6	Phone Numb	per	
GENERAL SITE	301 Sillytii Rot	au	Ottawa, KIII 020			
CREATININE - Final resu	ıl+ (15/11/202	2 1·47 DM	FCT)			
CILATIMINE - Hildi 1630	uit (13/11/202	Ref	L31)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	88	62 - 100		15/11/2022	THE	
		umol/L		2:29 PM EST	OTTAWA HOSPITAL -	
				LJI	GENERAL	
					SITE	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection /	15/11/2022	1:47 PM EST	15/11/2022 1:55 PM EST
			Unknown			
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Danfannsin a One e ' e '	۸ ما ما ۲۰۰۰		City/Ctate/71D C - 1-	Dhara N		
Performing Organization THE OTTAWA HOSPITAL -		ad	City/State/ZIP Code Ottawa, K1H 8L6	Phone Numb	Jei	
GENERAL SITE	Jon Jillytii Noo		Stawa, KITI OLO			
RIIN (LIDEA) Final race	d+ (15/11/202	) 1·//7 DN/	ECT)			
BUN (UREA) - Final resu	air (13/11/2024	2 1:47 PM Ref	ESI)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Urea	4.8	3.3 - 8.9		15/11/2022	THE	

		mmol/L		2:29 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Time		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	15/11/2022	1:47 PM EST	15/11/2022 1:55 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization			City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			
ALT - Final result (15/11		Ref	Tost Mathad	Analysis	Performed	Dath alogiet Cignatura
Component ALT	Value 13	Range 12 - 49	Test Method	Time 15/11/2022	At	Pathologist Signature
ALI	13	U/L		2:29 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Location /		Collection Method /			
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume Blood Collection /	Collection Ti		Received Time
ыооа (ыооа, verious)			Unknown	13/11/2022	1.47 PIVI EST	15/11/2022 1:55 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization			City/State/ZIP Code	Phone Number		
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	а	Ottawa, K1H 8L6			
AST - Final result (15/11	I/2022 1:47 PN	1 EST) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
AST	12	12 - 29 U/L		15/11/2022 2:29 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	cation /	Collection Method /	6 II .: =		
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume Blood Collection /	Collection Ti 15/11/2022		Received Time 15/11/2022 1:55 PM EST
ыооа (ыооа, verious)			Unknown	13/11/2022	1.47 PIVI EST	13/11/2022 1.33 PW EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization			City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			

SODIUM - Final result (	15/11/2022 1:4	7 PM EST	)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Sodium	137	136 - 144 mmol/L		15/11/2022 2:29 PM	THE OTTAWA	
		IIIIIIOI/L		EST	HOSPITAL -	
					GENERAL	
					SITE	
	A 1 1 1		Callagia Mailead /			
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Lateranty		Blood Collection /			15/11/2022 1:55 PM EST
Bioda (Bioda, Verious)			Unknown	13/11/2022	1.17 1101 231	13/11/2022 1.33 1 101 231
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	per	
THE OTTAWA HOSPITAL -		d	Ottawa, K1H 8L6	one radin		
GENERAL SITE	30 : 3y a : 10a.	~				
DDOTEINI TOTAL E' '	****************************	000 4.47 5	DM ECT			
PROTEIN TOTAL - Final	resuit (15/11/2		YIVI EST)	A nalva:	Dorfons	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Protein Total	72	63 - 75	rest iviethod	15/11/2022	THE	i atriologist signature
1 Totelli Total	, _	g/L		2:29 PM	OTTAWA	
		J		EST	HOSPITAL -	
					GENERAL	
					SITE	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection /	15/11/2022	1:47 PM EST	15/11/2022 1:55 PM EST
			Unknown			
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
AIII AII AWAII	LAD BLOOD ON	DEINADELS				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	per	
THE OTTAWA HOSPITAL -	501 Smyth Roa	d	Ottawa, K1H 8L6			
GENERAL SITE						
POTASSIUM - Final resu	ılt (15/11/2022	1·47 PM F	FST)			
	(),	Ref	/	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Potassium	4.9	3.5 - 5.1		15/11/2022	THE	
		mmol/L		2:29 PM	OTTAWA	
				EST	HOSPITAL - GENERAL	
					SITE	
					- <del>-</del>	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection /	15/11/2022	1:47 PM EST	15/11/2022 1:55 PM EST
			Unknown			
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				

Performing Organization	Address		City/State/ZIP Code	Phone Number		
THE OTTAWA HOSPITAL -		ad	Ottawa, K1H 8L6			
GENERAL SITE						
ALKALINE PHOSPHATA	SE - Final resul	lt (15/11/	2022 1:47 PM EST)			
7.2.0 (2.11)		Ref	1011	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	86	50 - 112		15/11/2022		
		U/L		2:29 PM EST	OTTAWA HOSPITAL -	
				23.	GENERAL	
					SITE	
	Anatomical Loc	ration /	Collection Method /			
Specimen (Source)	Laterality	cation /	Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection /	15/11/2022	1:47 PM EST	15/11/2022 1:55 PM EST
			Unknown			
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization			City/State/ZIP Code	Phone Numb	per	
THE OTTAWA HOSPITAL -	501 Smyth Roa	ad	Ottawa, K1H 8L6			
GENERAL SITE						
MAGNESIUM - Final res	sult (15/11/202	22 1:47 PN	1 EST)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Magnesium	0.68	0.66 - 1.07		15/11/2022 2:29 PM	THE OTTAWA	
		mmol/L		EST	HOSPITAL -	
					GENERAL	
					SITE	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	15/11/2022	1:47 PM EST	15/11/2022 1:55 PM EST
			UNKNOWN			
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
				DI		
Performing Organization		nd .	City/State/ZIP Code	Phone Numb	per	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ıu	Ottawa, K1H 8L6			
			-			
CHLORIDE - Final result	: (15/11/2022 1		ST)	A - 1 *	Deef	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Chloride	99	98 - 107	. 550 111001100		THE	. acrorogist signature
		mmol/L		2:29 PM	OTTAWA	
				EST	HOSPITAL - GENERAL	
					SITE	
	Anatomical Loc	cation /	Collection Method /	6 II .:		D : 1-
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection /	15/11/2022	1.41 PIVI EST	15/11/2022 1:55 PM EST

# Unknown

Authorities Duscides	Decult Tues					
Authorizing Provider Arif Ali Awan	Result Type					
Arit Ali Awan	LAB BLOOD OF	KDEKABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	oer	
THE OTTAWA HOSPITAL -		ad	Ottawa, K1H 8L6			
GENERAL SITE						
CO2 TOTAL (TOTAL CO2	)) Final recult	(15/11/2)	))) 1.47 DN4 ECT)			
COZ TOTAL (TOTAL COZ	2) - Filial lesuit	(15/11/20 Ref	JZZ 1.47 PIVI E31)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Total CO2	29	19 - 30		15/11/2022	THE	3 3
		mmol/L		2:29 PM	OTTAWA	
				EST	HOSPITAL -	
					GENERAL SITE	
					SITE	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection /	15/11/2022	1:47 PM EST	15/11/2022 1:55 PM EST
			Unknown			
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization			City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL -	501 Smyth Roa	ad	Ottawa, K1H 8L6			
GENERAL SITE						
CALCIUM - Final result (	15/11/2022 1:	47 PM ES	T)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Calcium	2.39	2.24 -		15/11/2022		
		2.58 mmol/L		2:29 PM EST	OTTAWA HOSPITAL -	
				23.	GENERAL	
					SITE	
	A 1 1 1		Callagia Mailead /			
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Lateranty		Blood Collection /		1:47 PM EST	
2.000 (2.000, 10000)			Unknown	. 5,, _ 5	0.	, ,
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ner	
THE OTTAWA HOSPITAL -		ad	Ottawa, K1H 8L6	THORIC HUILI		
GENERAL SITE	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
DILIDIJDINI TOTAL E	l 400: IE /4F /44	/2022 4 4	7 DM CCT			
BILIRUBIN, TOTAL - Fina	ai result (15/11)	/2022 1:4 Ref	/ YIVI EST)	م داده د	Darfann	
Component	Value	кет Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	3	<=15	. 3505011001	15/11/2022		
		umol/L		2:29 PM	OTTAWA	
				EST	HOSPITAL -	
					GENERAL	

					SIIE		
	Anatomical Loc	ration /	Collection Method /				
Specimen (Source)	Laterality		Volume	Collection Ti	me	Received Time	
Blood (Blood, Venous)	-		Blood Collection /	15/11/2022	1:47 PM EST	15/11/2022 1:55 PM EST	
			Unknown				
Authorizing Provider	Result Type						
Arif Ali Awan	LAB BLOOD ORDERABLES						
Parforming Organization	Address		City/State/7ID Code	Phone Numl	oor		
Performing Organization THE OTTAWA HOSPITAL -	501 Smyth Roa	ıd	City/State/ZIP Code Ottawa, K1H 8L6	rnone Numi	JEI		
GENERAL SITE	22. 2, 61 1.00						
(ABNORMAL) ALBUMIN -	· Final result (15	/11/2022	1:47 PM EST)				
		Ref		Analysis	Performed		
Component	Value	Range	Test Method	Time	At	Pathologist Signature	
Albumin	38 (L)	39 - 47 g/L		15/11/2022 2:29 PM	THE OTTAWA		
		g/ L		EST	HOSPITAL -		
					GENERAL		
					SITE		
	Anatomical Loc	cation /	Collection Method /				
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time	
Blood (Blood, Venous)			Blood Collection /	15/11/2022 1:47 PM EST		15/11/2022 1:55 PM EST	
			Unknown				
Authorizing Provider	Result Type						
Arif Ali Awan	LAB BLOOD OF	DERABLES					
Performing Organization	Address		City/State/ZIP Code	Phone Numl	per		
THE OTTAWA HOSPITAL -		d	Ottawa, K1H 8L6				
GENERAL SITE							
(ABNORMAL) AUTOMAT	ED DIFFERENTIA		esult (15/11/2022 1:46 PN		5 (		
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature	
Neutrophil	7.58 (H)	2.00 -	. 30001100	15/11/2022	THE	. s.i.o.ogist oignature	
·	• •	7.50		2:11 PM	OTTAWA		
		x10*9/L		EST	HOSPITAL - GENERAL		
					SITE		
Lymphocyte	0.99	0.80 -		15/11/2022	THE		
		3.50		2:11 PM	OTTAWA		
		x10*9/L		EST	HOSPITAL - GENERAL		
					SITE		
Monocyte	0.96	0.10 -		15/11/2022	THE		
		1.00 x10*9/L		2:11 PM EST	OTTAWA HOSPITAL -		
		X IU"9/L		ESI	GENERAL		
					SITE		
Eosinophil	0.07	<=0.50 ×10*0/l		15/11/2022	THE		
		x10*9/L		2:11 PM EST	OTTAWA HOSPITAL -		
				231	GENERAL		
					SITE		
Basophil	0.08	<=0.10 ×10*0/l		15/11/2022	THE		
		x10*9/L		2:11 PM	OTTAWA		

				EST	HOSPITAL - GENERAL SITE	
Immature Granulocyte	0.13 (H)	<=0.10 x10*9/L		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume Blood Collection /	Collection Ti		Received Time 15/11/2022 1:55 PM EST
Blood (Blood, Vellods)			Unknown	13/11/2022	1. 10 1 10 231	13) 11) 2322 1.33 1 111 231
Authorizing Provider	Result Type	DED 4 DI EC				
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization			City/State/ZIP Code	Phone Numb	per	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
(ABNORMAL) CBC (INCL		Ref		Analysis	Performed	
Component WBC	Value 9.8	Range 3.5 - 10.5	Test Method	Time 15/11/2022	At	Pathologist Signature
WDC	5.0	x10*9 /L		2:11 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
RBC	3.45 (L)	4.00 - 5.50 x10*12/L		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Hgb	99 (L)	125 - 170 g/L		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Hct	0.318 (L)	0.380 - 0.500 L/L		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MCV	92.2	80.0 - 100.0 fL		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MCH	28.7	27.0 - 34.0 pg		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
МСНС	311 (L)	315 - 355 g/L		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
RDW:CV	15.0	11.5 - 15.5 %		15/11/2022 2:11 PM	THE OTTAWA	

			·	EST	HOSPITAL - GENERAL SITE	
PLT	458 (H)	130 - 380 x10*9/L	)	15/11/2022 2:11 PM EST		
MPV	8.5 (L)	9.0 - 14.0 fL		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
NRBC #	0.00	<=0.00 x10*9/L		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
nRBC/100 WBC	0.0	/100WBC		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Lo	ecation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	15/11/2022	1:46 PM EST	15/11/2022 1:55 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization			City/State/ZIP Code	Phone Numl	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			

## (ABNORMAL) EGFR - Final result (08/11/2022 8:40 AM EST)

Component	Value	Ref Range Te	est Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	81	62 - 100 umol/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
eGFR (CKD-EPI)	86 (L)	>=90 mL/min/1.73 m2		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL	

Comment: eGFR is calculated based on the CKD-EPI equation (Ann Intern Med. 2009 May 5;150(9):604-12) from sex, age, and creatinine without taking into account race or ancestry. This calculation is limited and does not necessarily apply to children, elderly and transgender people, extremes of body mass, those with loss of limb, those on diets with extremes of meat content, and medications that affect creatinine concentration, such as sulphamethoxazole, trimethoprim, H2-antagonists, and fenofibrate.

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)		Venipuncture / Unknown	08/11/2022 8:40 AM EST	08/11/2022 8:51 AM EST
Authorizing Provider John Frederick Hilton	Result Type  LAB BLOOD ORDERABLES			

Performing Organization	Address		City/State/ZIP Code	Phone Numl	oer	
THE OTTAWA HOSPITAL -		ıd	Ottawa, K1H 8L6			
GENERAL SITE						
PHOSPHATE - Final resu	ult (08/11/2022	2 8:40 AM	I EST)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
PO4	1.07	0.78 - 1.38 mmol/L		08/11/2022 9:30 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood			Venipuncture / Unknown	08/11/2022	8:40 AM EST	08/11/2022 8:51 AM EST
Authorizing Provider	Result Type					
John Frederick Hilton	LAB BLOOD OF	RDERABLES				
Porforming Organization	Addrass		City/Ctata/7ID Cada	Phone Numl	oor	
Performing Organization THE OTTAWA HOSPITAL -		ıd	City/State/ZIP Code Ottawa, K1H 8L6	rnone Numi	Jei	
GENERAL SITE	Jo . Jiny in Noe		Stawa, KIII OLO			
GLUCOSE RANDOM - F		Ref	,	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	7.9	4.0 - 11.0 mmol/L		08/11/2022 9:30 AM EST	OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood			Venipuncture / Unknown	08/11/2022	8:40 AM EST	08/11/2022 8:51 AM EST
Authorizing Provider	Result Type					
John Frederick Hilton	LAB BLOOD OF	RDERABLES				
Performing Organization		.1	City/State/ZIP Code	Phone Numl	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ıa	Ottawa, K1H 8L6			
SEITE OF E						
(ABNORMAL) AUTOMAT	ED DIFFERENTIA	<b>AL - Final r</b> Ref	result (08/11/2022 8:40 AM	<b>M EST)</b> Analysis	Performed	
Component	Value	Ret Range	Test Method	Analysis Time	Pertormed At	Pathologist Signature
Neutrophil	5.64	2.00 -		08/11/2022	THE	g · g. · w · v · ·
·		7.50 x10*9/L		9:04 AM EST	OTTAWA HOSPITAL - GENERAL SITE	
Lymphocyte	0.54 (L)	0.80 - 3.50 x10*9/L		08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Monocyte	0.51	0.10 -		08/11/2022	THE	

Authorizing Provider Result Type  Michael MacDonald Vickers  Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - 501 Smyth Road Ottawa, K1H 8L6  GENERAL SITE  CREATININE - Final result (08/11/2022 8:40 AM EST)  Ref Ref Component Value Range Test Method Time At Pathologist Signature  Creatinine 81 62 - 100 umol/L 9:38 AM OTTAWA EST HOSPITAL - GENERAL SITE  Specimen (Source)  Anatomical Location / Collection Method / Volume Collection Time Received Time  Anatomical Location / Collection Method / Volume Received Time Received Time Received Time			1.00 x10*9/L		9:04 AM EST	OTTAWA HOSPITAL - GENERAL SITE	
March   Marc	Eosinophil	0.03			9:04 AM	OTTAWA HOSPITAL - GENERAL	
Specimen (Source)	Basophil	0.02			9:04 AM	OTTAWA HOSPITAL - GENERAL	
Specimen (Source)   Laterality   Volume   Collection Time   Received Time	Immature Granulocyte	0.03			9:04 AM	OTTAWA HOSPITAL - GENERAL	
Specimen (Source)   Laterality   Volume   Collection Time   Received Time		Anatomical Lo	cation /	Collection Method /			
Michael MacDonald Vickers  Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - 501 Smyth Road GENERAL SITE  CREATININE - Final result (08/11/2022 8:40 AM EST)  Component Value Range Test Method Time At Pathologist Signature  Creatinine 81 62 - 100 umol/L 9:38 AM OTTAWA EST HOSPITAL - GENERAL SITE  Anatomical Location / Collection Method / Volume Signature Venipuncture / Unknown 08/11/2022 8:40 AM EST 08/11/2022 8:51 AM EST Authorizing Provider Result Type  Michael MacDonald Vickers  Performing Organization Address City/State/ZIP Code Phone Number  Address City/State/ZIP Code Phone Number  Callection Time Received Time Number Number  Anatomical Location / Collection Method / Volume 08/11/2022 8:40 AM EST 08/11/2022 8:51 AM EST 08/11/202	Specimen (Source)				Collection Ti	me	Received Time
Michael MacDonald Vickers  Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - GENERAL SITE  CREATININE - Final result (08/11/2022 8:40 AM EST)  Analysis Performed At Pathologist Signature  Ref Analysis Performed At Pathologist Signature  Michael MacDonald Provider Result Type  Michael MacDonald Volume City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - GENERAL SITE  CABNORMAL) CBC - Final result (08/11/2022 8:40 AM EST)  Ref Analysis Performed Result Type  Michael MacDonald Volume	Blood (Blood, Venous)			Venipuncture / Unknown	08/11/2022	8:40 AM EST	08/11/2022 8:51 AM EST
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  CREATININE - Final result (08/11/2022 8:40 AM EST) Ref Component Value Range Test Method Time At Pathologist Signature  Creatinine  81 62 - 100 08/11/2022 THE 9:38 AM OTTAWA EST HOSPITAL - GENERAL SITE  Analysis Performed At Pathologist Signature  Pathologist Signature  Creatinine  Anatomical Location / Collection Method / Volume Value Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization Address City/State/ZIP Code Phone Number  Collection Time Received Time Now 11/2022 8:40 AM EST 08/11/2022 8:51 AM EST Analysis Performed OR/11/2022 8:40 AM EST 08/11/2022 8:51 AM EST OR/11/2022 8:51 AM EST  Address City/State/ZIP Code Phone Number  Component Value Range Component Value Range Fest Method Time At Pathologist Signature  Analysis Performed The OTTAWA HOSPITAL - GENERAL SITE  Component Value Range Test Method Time At Pathologist Signature  Performed Time At Pathologist Signature  Performed Time At Pathologist Signature  Pathologist Signature  OTTAWA  OTTAWA  DOTTAWA  DOTTAWA  WBC 6.8 3.5 - 10.5 X10*9 /L ST10*9 /L ST10*10*10*10*10*10*10*10*10*10*10*10*10*1	Authorizing Provider	Result Type					
THE OTTAWA HOSPITAL - 501 Smyth Road Ottawa, K1H 8L6 GENERAL SITE  CREATININE - Final result (08/11/2022 8:40 AM EST)  Ref Range Test Method Time At Pathologist Signature  Creatinine 81 62 - 100 08/11/2022 THE OTTAWA HOSPITAL - GENERAL SITE  Anatomical Location / Volume Collection Method / Volume Result Type  Blood (Blood, Venous) Venipuncture / Unknown 08/11/2022 8:40 AM EST 08/11/2022 8:51 AM EST  Michael MacDonald Vickers  Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - 501 Smyth Road Ottawa, K1H 8L6 GENERAL SITE  CABNORMAL) CBC - Final result (08/11/2022 8:40 AM EST)  Ref Ref Range Test Method Time At Pathologist Signature  WBC 6.8 3.5 - 10.5 8/11/2022 THE OTTAWA HOSPITAL - Final result (08/11/2022 8:40 AM EST)  Ref Range Test Method Time At Pathologist Signature  WBC 6.8 3.5 - 10.5 8/11/2022 THE OTTAWA HOSPITAL - Final result (08/11/2022 8:40 AM EST)  WBC 6.8 3.5 - 10.5 8/11/2022 THE OTTAWA HOSPITAL - Final Result Type Pathologist Signature  WBC 6.8 3.5 - 10.5 8/11/2022 THE OTTAWA HOSPITAL - FINAL Pathologist Signature  WBC 6.8 3.5 - 10.5 8/11/2022 THE OTTAWA HOSPITAL - FINAL PATHOLOGIST Signature  WBC 6.8 3.5 - 10.5 8/11/2022 THE OTTAWA HOSPITAL - FINAL PATHOLOGIST Signature  WBC 6.8 3.5 - 10.5 8/11/2022 THE OTTAWA HOSPITAL - FINAL PATHOLOGIST Signature  WBC 6.8 3.5 - 10.5 8/11/2022 THE OTTAWA HOSPITAL - FINAL PATHOLOGIST SIGNATURE  WBC 6.8 3.5 - 10.5 8/11/2022 THE OTTAWA HOSPITAL - FINAL PATHOLOGIST SIGNATURE  WBC 6.8 3.5 - 10.5 8/11/2022 THE OTTAWA HOSPITAL - FINAL PATHOLOGIST SIGNATURE  WBC 6.8 3.5 - 10.5 8/11/2022 THE OTTAWA HOSPITAL - FINAL PATHOLOGIST SIGNATURE  WBC 6.8 3.5 - 10.5 8/11/2022 THE OTTAWA HOSPITAL - FINAL PATHOLOGIST SIGNATURE  WBC 6.8 3.5 - 10.5 8/11/2022 THE OTTAWA HOSPITAL - FINAL PATHOLOGIST SIGNATURE  WBC 6.8 3.5 - 10.5 8/11/2022 THE OTTAWA HOSPITAL - FINAL PATHOLOGIST SIGNATURE  WBC 7.0 8/11/2022 THE OTTAWA HOSPITAL - FINAL PATHOLOGIST SIGNATURE  WBC 7.0 8/11/2022 THE OTTAWA HOSPITAL - FINAL PATHOLOGIST SIGNATURE  WBC 8.0 8/11/2022 THE OTTAW		LAB BLOOD OF	RDERABLES				
CREATININE - Final result (08/11/2022 8:40 AM EST)  Ref Range Test Method Time At Pathologist Signature  Creatinine 81 62 - 100 umol/L 9:38 AM OTTAWA EST HOSPITAL - GENERAL SITE  Anatomical Location / Volume Collection Time Received Time  Blood (Blood, Venous) Venipuncture / Unknown 08/11/2022 8:40 AM EST 08/11/2022 8:51 AM EST  Michael MacDonald Vickers  Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - GENERAL SITE  Camponent Value Range Test Method Phone Number  Ref Analysis Performed At Pathologist Signature  Ref Analysis Performed At Pathologist Signature  Ref Analysis Performed Time At Pathologist Signature  Michael MacDonald Vickers  Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - GENERAL SITE	Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer	
CREATININE - Final result (08/11/2022 8:40 AM EST)  Ref Range Test Method Time At Pathologist Signature  Creatinine 81 62 - 100 08/11/2022 THE 9:38 AM OTTAWA EST HOSPITAL - GENERAL SITE  Anatomical Location / Collection Method / Volume  Blood (Blood, Venous) Venipuncture / Unknown 08/11/2022 8:40 AM EST 08/11/2022 8:51 AM EST  Authorizing Provider Result Type  Michael MacDonald Vickers  Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - GENERAL SITE  CABNORMAL) CBC - Final result (08/11/2022 8:40 AM EST)  Ref Analysis Performed Component Value Range Test Method Time At Pathologist Signature  WBC 6.8 3.5 - 10.5 08/11/2022 THE x10*9 /L 9:04 AM OTTAWA HOSPITAL - EST HOSPITAL - STEEL COMPONENTAL - STEEL COMPONENTAL - BERFORM ANALYSIS Performed At Pathologist Signature  WBC 6.8 3.5 - 10.5 08/11/2022 THE x10*9 /L 9:04 AM OTTAWA HOSPITAL - EST HOSPITAL -		501 Smyth Roa	ad	Ottawa, K1H 8L6			
Creatinine  81 62 - 100	CDEATININIE Final room						
umol/L  9:38 AM OTTAWA EST HOSPITAL - GENERAL SITE  Anatomical Location / Collection Method / Volume Collection Time Received Time  Blood (Blood, Venous)  Authorizing Provider Result Type  Michael MacDonald Vickers  Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - GENERAL SITE  (ABNORMAL) CBC - Final result (08/11/2022 8:40 AM EST)  Ref Component Value Range Test Method Time At Pathologist Signature  WBC 6.8 3.5 - 10.5			Ref				
Specimen (Source) Laterality Volume Collection Time Received Time Blood (Blood, Venous) Venipuncture / Unknown 08/11/2022 8:40 AM EST 08/11/2022 8:51 AM EST  Authorizing Provider Result Type  Michael MacDonald Vickers  Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - GENERAL SITE  (ABNORMAL) CBC - Final result (08/11/2022 8:40 AM EST)  Ref Analysis Performed At Pathologist Signature  WBC 6.8 3.5 - 10.5 08/11/2022 THE  9:04 AM OTTAWA EST HOSPITAL -	Component	Value	Ref Range		Time	At	Pathologist Signature
Blood (Blood, Venous)  Venipuncture / Unknown  08/11/2022 8:40 AM EST  08/11/2022 8:51 AM EST  Authorizing Provider  Result Type  Michael MacDonald Vickers  Performing Organization  THE OTTAWA HOSPITAL -  GENERAL SITE  Component  Value  Range  Ref  Analysis  Performed  At  Pathologist Signature  WBC  6.8  3.5 - 10.5  x10*9 /L  Venipuncture / Unknown  08/11/2022 8:40 AM EST  Oblination  O	Component	Value	Ref Range 62 - 100		Time 08/11/2022 9:38 AM	At THE OTTAWA HOSPITAL - GENERAL	Pathologist Signature
Authorizing Provider Result Type  Michael MacDonald Vickers  Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - 501 Smyth Road Ottawa, K1H 8L6  GENERAL SITE  (ABNORMAL) CBC - Final result (08/11/2022 8:40 AM EST)  Ref Analysis Performed At Pathologist Signature  WBC 6.8 3.5 - 10.5 08/11/2022 THE  9:04 AM OTTAWA EST HOSPITAL -	Component Creatinine	Value 81  Anatomical Loc	Ref Range 62 - 100 umol/L	Test Method  Collection Method /	Time 08/11/2022 9:38 AM EST	At THE OTTAWA HOSPITAL - GENERAL SITE	
Michael MacDonald Vickers  Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - 501 Smyth Road Ottawa, K1H 8L6  GENERAL SITE  (ABNORMAL) CBC - Final result (08/11/2022 8:40 AM EST)  Ref Component Value Range Test Method Time At Pathologist Signature  WBC 6.8 3.5 - 10.5 x10*9 /L 9:04 AM OTTAWA EST HOSPITAL -	Component Creatinine  Specimen (Source)	Value 81  Anatomical Loc	Ref Range 62 - 100 umol/L	Test Method  Collection Method / Volume	Time  08/11/2022 9:38 AM EST  Collection Ti	At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
Vickers  Performing Organization Address City/State/ZIP Code Phone Number  THE OTTAWA HOSPITAL - 501 Smyth Road Ottawa, K1H 8L6  GENERAL SITE  (ABNORMAL) CBC - Final result (08/11/2022 8:40 AM EST)  Ref Component Value Range Test Method Time At Pathologist Signature  WBC 6.8 3.5 - 10.5 x10*9 /L 9:04 AM OTTAWA EST HOSPITAL -	Component Creatinine  Specimen (Source) Blood (Blood, Venous)	Value 81  Anatomical Local Laterality	Ref Range 62 - 100 umol/L	Test Method  Collection Method / Volume	Time  08/11/2022 9:38 AM EST  Collection Ti	At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
THE OTTAWA HOSPITAL - 501 Smyth Road Ottawa, K1H 8L6  GENERAL SITE  (ABNORMAL) CBC - Final result (08/11/2022 8:40 AM EST)  Ref Component Value Range Test Method Time At Pathologist Signature  WBC 6.8 3.5 - 10.5 08/11/2022 THE x10*9 /L 9:04 AM OTTAWA EST HOSPITAL -	Component Creatinine  Specimen (Source) Blood (Blood, Venous) Authorizing Provider	Value 81  Anatomical Loc Laterality  Result Type	Ref Range 62 - 100 umol/L	Test Method  Collection Method / Volume	Time  08/11/2022 9:38 AM EST  Collection Ti	At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
GENERAL SITE  (ABNORMAL) CBC - Final result (08/11/2022 8:40 AM EST)  Ref Component Value Range Test Method Time At Pathologist Signature  WBC 6.8 3.5 - 10.5 x10*9 /L 9:04 AM EST HOSPITAL -	Component Creatinine  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers	Value 81  Anatomical Loc Laterality  Result Type  LAB BLOOD OF	Ref Range 62 - 100 umol/L	Test Method  Collection Method / Volume  Venipuncture / Unknown	Time  08/11/2022 9:38 AM EST  Collection Ti  08/11/2022	At THE OTTAWA HOSPITAL - GENERAL SITE me 8:40 AM EST	Received Time
Component Value Range Test Method Time At Pathologist Signature  WBC 6.8 3.5 - 10.5	Component Creatinine  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization	Anatomical Loc Laterality  Result Type  LAB BLOOD OF	Ref Range 62 - 100 umol/L cation /	Test Method  Collection Method / Volume  Venipuncture / Unknown  City/State/ZIP Code	Time  08/11/2022 9:38 AM EST  Collection Ti  08/11/2022	At THE OTTAWA HOSPITAL - GENERAL SITE me 8:40 AM EST	Received Time
Component Value Range Test Method Time At Pathologist Signature  WBC 6.8 3.5 - 10.5	Component Creatinine  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization THE OTTAWA HOSPITAL -	Anatomical Loc Laterality  Result Type  LAB BLOOD OF	Ref Range 62 - 100 umol/L cation /	Test Method  Collection Method / Volume  Venipuncture / Unknown  City/State/ZIP Code	Time  08/11/2022 9:38 AM EST  Collection Ti  08/11/2022	At THE OTTAWA HOSPITAL - GENERAL SITE me 8:40 AM EST	Received Time
ComponentValueRangeTest MethodTimeAtPathologist SignatureWBC6.83.5 - 10.5 x10*9 /L08/11/2022THE9:04 AM ESTOTTAWA HOSPITAL -	Component Creatinine  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization THE OTTAWA HOSPITAL -	Anatomical Loc Laterality  Result Type  LAB BLOOD OF	Ref Range 62 - 100 umol/L cation /	Test Method  Collection Method / Volume  Venipuncture / Unknown  City/State/ZIP Code	Time  08/11/2022 9:38 AM EST  Collection Ti  08/11/2022	At THE OTTAWA HOSPITAL - GENERAL SITE me 8:40 AM EST	Received Time
WBC 6.8 3.5 - 10.5 08/11/2022 THE x10*9 /L 9:04 AM OTTAWA EST HOSPITAL -	Component Creatinine  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE	Anatomical Loc Laterality  Result Type  LAB BLOOD OF  Address  501 Smyth Roa	Ref Range 62 - 100 umol/L cation /	Collection Method / Volume Venipuncture / Unknown  City/State/ZIP Code Ottawa, K1H 8L6	Time  08/11/2022 9:38 AM EST  Collection Ti  08/11/2022	At THE OTTAWA HOSPITAL - GENERAL SITE  ME 8:40 AM EST	Received Time
[-FI/I+KΔ]	Component Creatinine  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  (ABNORMAL) CBC - Final	Anatomical Loc Laterality  Result Type  LAB BLOOD OF  Address  501 Smyth Roa	Ref Range 62 - 100 umol/L cation /	Collection Method / Volume Venipuncture / Unknown  City/State/ZIP Code Ottawa, K1H 8L6	Time  08/11/2022 9:38 AM EST  Collection Ti  08/11/2022	At THE OTTAWA HOSPITAL - GENERAL SITE  me 8:40 AM EST	Received Time 08/11/2022 8:51 AM EST

					SITE	
RBC	3.43 (L)	4.00 - 5.50 x10*12/L		08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Hgb	103 (L)	125 - 170 g/L		08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Hct	0.318 (L)	0.380 - 0.500 L/L		08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MCV	92.7	80.0 - 100.0 fL		08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MCH	30.0	27.0 - 34.0 pg		08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MCHC	324	315 - 355 g/L		08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
RDW:CV	14.7	11.5 - 15.5 %		08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
PLT	379	130 - 380 x10*9/L		08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MPV	8.8 (L)	9.0 - 14.0 fL		08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
NRBC #	0.00	<=0.00 x10*9/L		08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
nRBC/100 WBC	0.0	/100WBC		08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Venipuncture / Unknown	08/11/2022	8:40 AM EST	08/11/2022 8:51 AM EST
Authorizing Provider	Result Type					

Vickers	LAB BLOOD OR	NELYADLE2				
Portormina Organization	Address		City/State/7ID Code	Phone Numb	oor	
Performing Organization THE OTTAWA HOSPITAL -		d	City/State/ZIP Code Ottawa, K1H 8L6	Phone Numi	per	
GENERAL SITE	•					
BUN (UREA) - Final resu	ılt (08/11/2022	8:40 AM	EST)			
Component	Value	Ref	Toot Mothod	Analysis Time	Performed	Dath alogist Cignoture
Component Urea	Value 4.4	Range 3.3 - 8.9	Test Method	08/11/2022	At THE	Pathologist Signature
Grea	7.7	mmol/L		9:38 AM EST	OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Venipuncture / Unknown			08/11/2022 8:51 AM EST
Authorizing Provider	Result Type					
John Frederick Hilton	LAB BLOOD OR	DERABLES				
Performing Organization THE OTTAWA HOSPITAL -		٦	City/State/ZIP Code Ottawa, K1H 8L6	Phone Numb	per	
GENERAL SITE	501 Smyth Roa	u	Ollawa, KTH 6L6			
ALT - Final result (08/11	/2022 8:40 AN	1 EST) Ref		Analysis	Performed	
Component	Value	Ref Range	Test Method	Time	At	Pathologist Signature
		Ref	Test Method		At	Pathologist Signature
Component ALT	Value 21  Anatomical Loc	Ref Range 12 - 49 U/L	Collection Method /	Time 08/11/2022 9:33 AM EST	At THE OTTAWA HOSPITAL - GENERAL SITE	
Component ALT  Specimen (Source)	Value 21	Ref Range 12 - 49 U/L	Collection Method / Volume	Time  08/11/2022 9:33 AM EST  Collection Time	At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
Component ALT	Value 21  Anatomical Loc	Ref Range 12 - 49 U/L	Collection Method /	Time  08/11/2022 9:33 AM EST  Collection Time	At THE OTTAWA HOSPITAL - GENERAL SITE	
Component  ALT  Specimen (Source)  Blood (Blood, Venous)  Authorizing Provider	Value 21  Anatomical Loc Laterality  Result Type	Ref Range 12 - 49 U/L	Collection Method / Volume	Time  08/11/2022 9:33 AM EST  Collection Time	At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
Component ALT  Specimen (Source) Blood (Blood, Venous)	Value 21  Anatomical Loc Laterality	Ref Range 12 - 49 U/L	Collection Method / Volume	Time  08/11/2022 9:33 AM EST  Collection Time	At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
Component  ALT  Specimen (Source)  Blood (Blood, Venous)  Authorizing Provider	Value 21  Anatomical Loc Laterality  Result Type  LAB BLOOD OR	Ref Range 12 - 49 U/L	Collection Method / Volume	Time  08/11/2022 9:33 AM EST  Collection Time	At THE OTTAWA HOSPITAL - GENERAL SITE  Me 3:40 AM EST	Received Time
Component  ALT  Specimen (Source)  Blood (Blood, Venous)  Authorizing Provider  John Frederick Hilton  Performing Organization  THE OTTAWA HOSPITAL -	Value 21  Anatomical Loc Laterality  Result Type  LAB BLOOD OR	Ref Range 12 - 49 U/L	Collection Method / Volume Venipuncture / Unknown	Time  08/11/2022 9:33 AM EST  Collection Time  08/11/2022 8	At THE OTTAWA HOSPITAL - GENERAL SITE  Me 3:40 AM EST	Received Time
Component  ALT  Specimen (Source)  Blood (Blood, Venous)  Authorizing Provider  John Frederick Hilton  Performing Organization	Value 21  Anatomical Loc Laterality  Result Type  LAB BLOOD OR  Address	Ref Range 12 - 49 U/L	Collection Method / Volume Venipuncture / Unknown	Time  08/11/2022 9:33 AM EST  Collection Time  08/11/2022 8	At THE OTTAWA HOSPITAL - GENERAL SITE  Me 3:40 AM EST	Received Time
Component ALT  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider John Frederick Hilton  Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE	Value 21  Anatomical Local Laterality  Result Type LAB BLOOD OR Address 501 Smyth Roa	Ref Range 12 - 49 U/L ration /	Collection Method / Volume Venipuncture / Unknown	Time  08/11/2022 9:33 AM EST  Collection Time  08/11/2022 8	At THE OTTAWA HOSPITAL - GENERAL SITE  Me 3:40 AM EST	Received Time
Component ALT  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider John Frederick Hilton  Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  ALT - Final result (08/11	Anatomical Loc Laterality  Result Type  LAB BLOOD OR  Address  501 Smyth Roa	Ref Range 12 - 49 U/L ration /	Collection Method / Volume Venipuncture / Unknown City/State/ZIP Code Ottawa, K1H 8L6	Time  08/11/2022 9:33 AM EST  Collection Time  08/11/2022 8	At THE OTTAWA HOSPITAL - GENERAL SITE  Me 3:40 AM EST	Received Time 08/11/2022 8:51 AM EST
Component  ALT  Specimen (Source)  Blood (Blood, Venous)  Authorizing Provider  John Frederick Hilton  Performing Organization  THE OTTAWA HOSPITAL - GENERAL SITE  ALT - Final result (08/11  Component	Value 21  Anatomical Loc Laterality  Result Type LAB BLOOD OR Address 501 Smyth Roa  /2022 8:40 Alv Value	Ref Range 12 - 49 U/L ration /	Collection Method / Volume Venipuncture / Unknown	Time  08/11/2022 9:33 AM EST  Collection Time  08/11/2022 8	At THE OTTAWA HOSPITAL - GENERAL SITE  me 3:40 AM EST  Performed At	Received Time
Component ALT  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider John Frederick Hilton  Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE  ALT - Final result (08/11	Anatomical Loc Laterality  Result Type  LAB BLOOD OR  Address  501 Smyth Roa	Ref Range 12 - 49 U/L ration /	Collection Method / Volume Venipuncture / Unknown City/State/ZIP Code Ottawa, K1H 8L6	Time  08/11/2022 9:33 AM EST  Collection Time  08/11/2022 8	At THE OTTAWA HOSPITAL - GENERAL SITE  me 3:40 AM EST  Performed At	Received Time 08/11/2022 8:51 AM EST
Component  ALT  Specimen (Source)  Blood (Blood, Venous)  Authorizing Provider  John Frederick Hilton  Performing Organization  THE OTTAWA HOSPITAL - GENERAL SITE  ALT - Final result (08/11  Component	Value 21  Anatomical Loc Laterality  Result Type LAB BLOOD OR Address 501 Smyth Roa  /2022 8:40 Alv Value	Ref Range 12 - 49 U/L Ration / RET Ref Range 12 - 49 U/L	Collection Method / Volume Venipuncture / Unknown City/State/ZIP Code Ottawa, K1H 8L6	Time  08/11/2022 9:33 AM EST  Collection Time  08/11/2022 8  Phone Numb  Analysis Time  08/11/2022 9:38 AM	At THE OTTAWA HOSPITAL - GENERAL SITE  THE OTTAWA HOSPITAL - GENERAL  THE OTTAWA HOSPITAL - GENERAL	Received Time 08/11/2022 8:51 AM EST

Michael MacDonald

LAB BLOOD ORDERABLES

Blood (Blood, Venous)			Venipuncture / Unknown	08/11/2022	8:40 AM EST	08/11/2022 8:51 AM EST
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Numb	per	
THE OTTAWA HOSPITAL -	501 Smyth Roa	d	Ottawa, K1H 8L6			
GENERAL SITE						
AST - Final result (08/11	/2022 8:40 AN	И EST) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
AST	17	12 - 29			THE	
		U/L		9:38 AM	OTTAWA	
				EST	HOSPITAL - GENERAL	
					SITE	
					J L	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Tir		Received Time
Blood (Blood, Venous)			Venipuncture / Unknown	08/11/2022 {	8:40 AM EST	08/11/2022 8:51 AM EST
	5 L T					
Authorizing Provider	Result Type					
John Frederick Hilton	LAB BLOOD OR	.DEKARLE2				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	her	
THE OTTAWA HOSPITAL -			Ottawa, K1H 8L6			
GENERAL SITE	301 3my m. nes	u	Ottawa, Kiii 525			
TSH - Final result (08/11	1/2022 8:40 AN Value	M EST) Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	1.70	0.27 -				
		4.20 mIU/L		9:38 AM EST	OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality	ation /	Volume	Collection Tir	me	Received Time
Blood (Blood, Venous)						
			· · · ·	,	-	
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
D. C. Jose Osmanination	A 1 1		Ci. (Ci. ) (71D Cada	Di - Nimai		
Performing Organization		1	City/State/ZIP Code	Phone Numb	<u>ser</u>	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	a	Ottawa, K1H 8L6			
OLIVLIVAL SITE						
SODIUM - Final result (0	)8/11/2022 8:4	O AM EST				
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Sodium	137	136 - 144 mmol/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL	
_					~=-	

					2115	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality	•	Volume	Collection Time		Received Time
Blood (Blood, Venous)			Venipuncture / Unknown	08/11/2022	8:40 AM EST	08/11/2022 8:51 AM EST
Authorizing Provider	Result Type					
John Frederick Hilton	LAB BLOOD OR	DFRABI FS				
John Frederick Fincon	2.00000.					
Performing Organization			City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road		Ottawa, K1H 8L6			
GENERAL SITE						
PROTEIN TOTAL - Final	result (08/11/2		AM EST)			
Component	Value	Ref	Test Method	Analysis Time	Performed At	Pathologist Signature
Protein Total	71	Range 63 - 75	rest iviethou	08/11/2022	THE	Patriologist Signature
1 Totelli Total	7 1	g/L		9:38 AM	OTTAWA	
				EST	HOSPITAL -	
					GENERAL SITE	
					JIIL	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Venipuncture / Unknown	08/11/2022	8:40 AM EST	08/11/2022 8:51 AM EST
Authorizing Provider	Result Type					
John Frederick Hilton	LAB BLOOD OR	DERABLES				
Performing Organization			City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	id	Ottawa, K1H 8L6			
GENTERO (E SITE						
POTASSIUM - Final resu	ılt (08/11/2022		EST)		5 (	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Potassium	4.1	3.5 - 5.1	rest iviethod	08/11/2022	THE	Tathologist Signature
		mmol/L		9:38 AM	OTTAWA	
				EST	HOSPITAL -	
					GENERAL SITE	
					z	
	Anatomical Loc	cation /	Collection Method /	6 II .: =:		5
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Venipuncture / Unknown	06/11/2022	0.4U AIVI EST	08/11/2022 8:51 AM EST
Authorizing Provider	Result Type					
John Frederick Hilton	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/7ID Code	Phone Numb	ner	
Performing Organization THE OTTAWA HOSPITAL -	501 Smyth Roa	ıd	City/State/ZIP Code Ottawa, K1H 8L6	rnone numi	Jei	
GENERAL SITE	Jor Jilly III Noa		Stawa, KIII OLO			
ALVALINE DUOCDUATA	CE Einal racel	+ (00/11/	2022 8·40 ANA FCT\			
ALKALINE PHOSPHATA	oc - riliai resul	Ref	2022 0.40 AIVI ESI)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	72	50 - 112		08/11/2022	THE	
		U/L		9:33 AM	OTTAWA	

EST	HOSPITAL -
	GENERAL
	SITE

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)		Venipuncture / Unknown	08/11/2022 8:40 AM EST	08/11/2022 8:51 AM EST
Authorizing Provider	Result Type			
John Frederick Hilton	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6		
ALVALINE DUOCDUATAS	°E (ALD) Einal regult (0)	8/11/2022 8:40 AM FST)		

	F	Ref		Analysis	Performed	
Component	Value F	Range	Test Method	Time	At	Pathologist Signature
ALP		50 - 112 J/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Locat	tion /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Venipuncture / Unknown	08/11/2022	8:40 AM EST	08/11/2022 8:51 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORD	ERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road		Ottawa, K1H 8L6			

# (ABNORMAL) MAGNESIUM - Final result (08/11/2022 8:40 AM EST)

(* 12 11 0 11 11 12 11 12 11 12 11		-,,	,			
	F	Ref		Analysis	Performed	
Component	Value F	Range	Test Method	Time	At	Pathologist Signature
Magnesium	1	).66 - .07 nmol/L		08/11/2022 9:33 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Locat	ion /	Collection Method /	6 II .: T		D : 17
Specimen (Source)	Laterality		Volume	Collection Time		Received Time
Blood (Blood, Venous)			Venipuncture / Unknown	08/11/2022	8:40 AM EST	08/11/2022 8:51 AM EST
Authorizing Provider	Result Type					
John Frederick Hilton	LAB BLOOD ORD	ERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road		Ottawa, K1H 8L6			

# (ABNORMAL) MAGNESIUM - Final result (08/11/2022 8:40 AM EST)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature

Magnesium	0.65 (L)	0.66 - 1.07 mmol/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	,		Venipuncture / Unknown	08/11/2022 8:40 AM EST		08/11/2022 8:51 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	nd	Ottawa, K1H 8L6			
CHLORIDE - Final result	: (08/11/2022 8		ST)	A call at	Desferred	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Chloride	99	98 - 107 mmol/L		08/11/2022 9:38 AM EST		
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Venipuncture / Unknown			
Authorizing Provider	Result Type					
John Frederick Hilton	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ner	
THE OTTAWA HOSPITAL - GENERAL SITE		nd	Ottawa, K1H 8L6	THORE INGIN	501	
(ABNORMAL) CO2 TOTAL	_ (TOTAL CO2) -	Final resul	lt (08/11/2022 8:40 AM ES	<b>ST)</b> Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Total CO2	31 (H)	19 - 30 mmol/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Venipuncture / Unknown			08/11/2022 8:51 AM EST
Authorizing Provider	Result Type					
John Frederick Hilton	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE		nd	Ottawa, K1H 8L6			

CALCIUM - Final result	(08/11/2022 8:	40 AM ES	T)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Calcium	2.28	2.24 - 2.58 mmol/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Time		Received Time
Blood (Blood, Venous)			Venipuncture / Unknown	08/11/2022	8:40 AM EST	08/11/2022 8:51 AM EST
Authorizing Provider	Result Type					
John Frederick Hilton	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ıd	Ottawa, K1H 8L6			
BILIRUBIN, TOTAL - Fin	Value	Ref Range	O AM EST)  Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L		08/11/2022 9:33 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
6 (6 . )	Anatomical Loc	cation /	Collection Method /	6 II .: T		5
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume Venipuncture / Unknown	Collection Ti	me 8:40 AM EST	Received Time 08/11/2022 8:51 AM EST
			'			, ,
Authorizing Provider	Result Type					
John Frederick Hilton	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Number		
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ıd	Ottawa, K1H 8L6			
BILIRUBIN, TOTAL - Fin		Ref	O AM EST)	Analysis	Performed	
Component					Λ ±	Pathologist Signature
Bilirubin Total	Value	Range	Test Method	Time	At	r attrorogist signature
	Value 4	<=15 umol/L	Test Method	Time 08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	- autologist signature
Specimen (Source)	4 Anatomical Loc	<=15 umol/L	Collection Method /	08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source) Blood (Blood, Venous)	4	<=15 umol/L	Collection Method / Volume	08/11/2022 9:38 AM EST Collection Ti	THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
Blood (Blood, Venous)	4 Anatomical Loc Laterality	<=15 umol/L	Collection Method /	08/11/2022 9:38 AM EST Collection Ti	THE OTTAWA HOSPITAL - GENERAL SITE	
Blood (Blood, Venous)  Authorizing Provider	Anatomical Loc Laterality	<=15 umol/L	Collection Method / Volume	08/11/2022 9:38 AM EST Collection Ti	THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
Blood (Blood, Venous)	4 Anatomical Loc Laterality	<=15 umol/L	Collection Method / Volume	08/11/2022 9:38 AM EST Collection Ti	THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald	Anatomical Loc Laterality  Result Type  LAB BLOOD OF	<=15 umol/L	Collection Method / Volume	08/11/2022 9:38 AM EST Collection Ti	THE OTTAWA HOSPITAL - GENERAL SITE  me 8:40 AM EST	Received Time

(ABNORMAL) ALBUMIN -	. Final result (09	R/11/2022	R·40 AM FST\			
		Ref		Analysis Time	Performed At	Pathologist Signatura
Component Albumin	Value <b>38 (L)</b>	Range 39 - 47 g/L	Test Method	08/11/2022 9:38 AM EST		Pathologist Signature
Specimen (Source)	Anatomical Loc	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Venipuncture / Unknown			08/11/2022 8:51 AM EST
Authorizing Provider	Result Type					
John Frederick Hilton	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
(ABNORMAL) ELECTROLY	TE DANEI (ELE	CTDOI VTE	S) - Final result (09/11/20	22 8·40 AM E	CT)	
(ADNORWAL) ELECTROET	TE PANCE (EEE	Ref	5) - Tillal Tesult (00/ 11/20	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Sodium	137	136 - 144 mmol/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Potassium	4.1	3.5 - 5.1 mmol/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Chloride	99	98 - 107 mmol/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Total CO2	31 (H)	19 - 30 mmol/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Anion Gap	7 (L)	8 - 16 mmol/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Lo	cation /	Collection Method /	6 II .: -:		
Specimen (Source)	Laterality		Volume Collection Time Vonigurature / Hakpown 08/11/2022 8:40 AM E			Received Time
Blood (Blood, Venous)			Venipuncture / Unknown	08/11/2022	o:40 AIVI EST	08/11/2022 8:51 AM EST
Authorizing Provider	Result Type	DED 15: ==				
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	oer	

## CT NECK W IV CONTRAST - Final result (03/11/2022 4:36 PM EDT)

Anatomical Region Laterality Modality

Neck Computed Tomography

Anatomical Location / Collection Method /

Specimen (Source) Laterality Volume Collection Time Received Time

15/11/2022 12:02 PM

**EST** 

**Impressions** 

#### ATL POWERSCRIBE - 15/11/2022 12:22 PM EST

Known ulcerated mass centered in the tongue base/oral tongue not significantly changed from prior. Lymphadenopathy and soft tissue deposits as detailed above slightly more prominent from prior.

For report clarification: rads@toh.ca

Narrative

# ATL POWERSCRIBE - 15/11/2022 12:22 PM EST

CT SCAN OF THE NECK WITH IV CONTRAST

INDICATION: research; 68yo male with metastatic HNC, tumour assessment needed per study protocol

TECHNIQUE: Helical sections through the neck with administration of intravenous contrast.

COMPARISON: September 7, 2022

FINDINGS:

Redemonstration of treatment related changes in the neck with edema in the pharynx and supraglottic larynx as well as stranding of the neck fat planes.

Ulcerated mass with peripheral nodular irregular enhancement involving the midline/bilateral tongue base, extending to the oral tongue and root of the tongue as well as at lateral oropharynx bilaterally with involvement of the lingual surface of the epiglottis not significantly change from prior. Necrotic ill-defined right level 2/3 lymph node conglomerate difficult to measure but slightly more prominent from prior with more posterior skin involvement/protrusion measuring approximately 5.8 x 2.9 cm, previously 5.5 x 3.1 cm (remeasured at comparable levels). Right level 4/5 lymph node not significantly changed from prior.

Irregular necrotic peripherally enhancing lesions within the posterior right paraspinal muscles under the skull base and midline suboccipital region are once again noted some of them could level of C1 and C1-C2 level more prominent from prior, at C1 level 14 mm, previously 7 soft tissue lesion under the skull base just inferior to the right jugular foramen slightly more prominent from prior measuring  $2.7 \times 1.5 \, \text{cm}$ , previously  $2.5 \times 1.3 \, \text{cm}$ . Small left level 3 lymph nodes similar to prior. Level Ib lymph node smaller from prior. No new cervical lymph node.

The right internal jugular vein remains attenuated and not visualized in the neck. Partial encasement of the right ICA raising conglomerate neck mass similar to prior. It remains patent.

Partially visualized brain parenchyma, orbits and thyroid glands show no concerning abnormality. Posttreatment changes in the submandibular and parotid glands similar to prior. Mild maxillary mucosal thickening. Otherwise, The visualized paranasal sinuses and mastoid air cells are essentially clear. No aggressive bony lesion. Please see separate report for CT scan of the thorax.

Procedure Note

### Nader Zakhari Rizk Zakhari - 15/11/2022

Formatting of this note might be different from the original.

CT SCAN OF THE NECK WITH IV CONTRAST

INDICATION: research; 68yo male with metastatic HNC, tumour assessment needed per study protocol

TECHNIQUE: Helical sections through the neck with administration of intravenous contrast.

COMPARISON: September 7, 2022

#### FINDINGS:

Redemonstration of treatment related changes in the neck with edema in the pharynx and supraglottic larynx as well as stranding of the neck fat planes.

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Partially visualized brain parenchyma, orbits and thyroid glands show no concerning abnormality. Posttreatment changes in the submandibular and parotid glands similar to prior. Mild maxillary mucosal thickening. Otherwise, The visualized paranasal sinuses and mastoid air cells are essentially clear. No aggressive bony lesion. Please see separate report for CT scan of the thorax.

#### IMPRESSION:

Known ulcerated mass centered in the tongue base/oral tongue not significantly changed from prior. Lymphadenopathy and soft tissue deposits as detailed above slightly more prominent from prior.

For report clarification: rads@toh.ca

Authorizing Provider Result Type Arif Ali Awan IMG CT PROCEDURES

Performing Organization Address City/State/ZIP Code Phone Number

ATL POWERSCRIBE

## CT CHEST W IV CONTRAST - Final result (03/11/2022 4:36 PM EDT)

Anatomical Region Laterality Modality Chest Computed Tomography

Anatomical Location / Collection Method / Specimen (Source)

Laterality Volume Collection Time Received Time

09/11/2022 5:48 PM EST

#### **Impressions**

## ATL POWERSCRIBE - 09/11/2022 5:53 PM EST

1. Slight improvement in bilateral groundglass opacities.

2. Interval decrease in the size of the right axillary lymph node.

For report clarification: rads@toh.ca

## Narrative

## ATL POWERSCRIBE - 09/11/2022 5:53 PM EST

CT THORAX WITH CONTRAST (ROUTINE)

INDICATION: Research; 68yo male with metastatic HNSCC, tumour assessment needed per study protocol

COMPARISON: September 7, 2022.

LUNGS & TRACHEOBRONCHIAL TREE: Bilateral groundglass opacities with mid and upper zone predominance have improved but not completely resolved. No concerning lung nodules.

LYMPH NODES & MEDIASTINUM: Small mediastinal lymph nodes are stable. Right axillary lymph node has slightly decreased in size measuring 28 x 15 mm compared to 35 x 19 mm previously. No new lymphadenopathy.

PLEURA & PERICARDIUM: Unremarkable. AORTA AND SYSTEMIC ARTERIES:Unremarkable HEART: Severe coronary artery calcification.
PULMONARY ARTERIES AND VEINS: Unremarkable

SYSTEMIC VEINS:Unremarkable

ESOPHAGUS Unremarkable.

BONES & CHEST WALL: No aggressive bony lesion.

DIAPHRAGM:Unremarkable

UPPER ABDOMEN: CT abdomen reported separately.

-----

#### Procedure Note

# Carole J. Dennie - 09/11/2022

Formatting of this note might be different from the original.

CT THORAX WITH CONTRAST (ROUTINE)

INDICATION: Research; 68yo male with metastatic HNSCC, tumour assessment needed per study protocol COMPARISON: September 7, 2022.

LUNGS & TRACHEOBRONCHIAL TREE: Bilateral groundglass opacities with mid and upper zone predominance have improved but not completely resolved. No concerning lung nodules.

LYMPH NODES & MEDIASTINUM: Small mediastinal lymph nodes are stable. Right axillary lymph node has slightly decreased in size measuring 28 x 15 mm compared to 35 x 19 mm previously. No new lymphadenopathy.

PLEURA & PERICARDIUM: Unremarkable. AORTA AND SYSTEMIC ARTERIES:Unremarkable HEART: Severe coronary artery calcification. PULMONARY ARTERIES AND VEINS: Unremarkable

SYSTEMIC VEINS:Unremarkable

ESOPHAGUS Unremarkable.

BONES & CHEST WALL: No aggressive bony lesion.

DIAPHRAGM:Unremarkable

UPPER ABDOMEN: CT abdomen reported separately.

-----

### IMPRESSION:

- 1. Slight improvement in bilateral groundglass opacities.
- 2. Interval decrease in the size of the right axillary lymph node.

For report clarification: rads@toh.ca

Authorizing Provider	Result Type		
Arif Ali Awan	IMG CT PROCEDURES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
ATL POWERSCRIBE			

# CT ABDOMEN PELVIS W IV CONTRAST - Final result (03/11/2022 4:36 PM EDT)

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Body, Abdomen, Pelvis, Y		Computed		
Anatomical Region	Laterality	Modality		

07/11/2022 4:02 PM EST

### **Impressions**

# ATL POWERSCRIBE - 07/11/2022 4:11 PM EST

Interval enlargement of a solitary hepatic segment 6 metastatic lesion. No new metastasis in the abdomen or pelvis.

Meshary Aldhufian, Abdominal Imaging Fellow

For report clarification: rads@toh.ca

Narrative

# ATL POWERSCRIBE - 07/11/2022 4:11 PM EST

CT ABDOMEN & PELVIS

INDICATION: Age: 68 years old; Male, "research; 68yo male with metastatic HNSCC, tumour assessment needed per

study protocol"

TECHNIQUE: Routine portal venous phase contrast-enhanced evaluation. Oral contrast was not given.

COMPARISON: CT abdomen dated September 7, 2022.

### HEPATOBILIARY SYSTEM:

Liver: Interval increase in size of the metastatic lesion in segment 6, currently measuring 4.1 cm, compared to 2.8 cm in prior scan. Stable 1.8 cm cyst in segment 6. Stable tiny millimetric hypodensities in the hepatic dome (series 3 image #87), likely benign in nature. No new suspicious focal hepatic lesion.

Biliary Tree: No important gallbladder abnormality. No important abnormality of the biliary tree.

Pancreas: No important abnormality.

GASTROINTESTINAL TRACT: No important abnormality.

GENITOURINARY SYSTEM:

Adrenals: No important abnormality.

Kidneys / Ureters: No important abnormality.

Urinary Bladder: Comparable diffuse mild wall thickening, more pronounced along the posterior wall, probably

related to chronic outlet obstruction.

Reproductive Organs: Comparable prostatomegaly.

LYMPHATIC SYSTEM: No important abnormality of the spleen. No lymphadenopathy.

PERITONEUM, RETROPERITONEUM & MESENTERY: No important abnormality.

VESSELS & OTHER: Comparable atherosclerotic disease, without aneurysm. No venous abnormality.

BONES / BODY WALL: No important bony abnormality. No body wall abnormality.

LOWER THORAX (lung bases, heart): CT chest reported separately.

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### Procedure Note

# John Gerard Ryan - 07/11/2022

Formatting of this note might be different from the original.

CT ABDOMEN & PELVIS

INDICATION: Age: 68 years old; Male, "research; 68yo male with metastatic HNSCC, tumour assessment needed per study protocol" TECHNIQUE: Routine portal venous phase contrast-enhanced evaluation. Oral contrast was not given.

COMPARISON: CT abdomen dated September 7, 2022.

# HEPATOBILIARY SYSTEM:

Liver: Interval increase in size of the metastatic lesion in segment 6, currently measuring 4.1 cm, compared to 2.8 cm in prior scan. Stable 1.8 cm cyst in segment 6. Stable tiny millimetric hypodensities in the hepatic dome (series 3 image #87), likely benign in nature. No new suspicious focal hepatic lesion.

Biliary Tree: No important gallbladder abnormality. No important abnormality of the biliary tree.

Pancreas: No important abnormality.

GASTROINTESTINAL TRACT: No important abnormality.

**GENITOURINARY SYSTEM:** 

Adrenals: No important abnormality.

Kidneys / Ureters: No important abnormality.

Urinary Bladder: Comparable diffuse mild wall thickening, more pronounced along the posterior wall, probably related to chronic outlet obstruction.

Reproductive Organs: Comparable prostatomegaly.

LYMPHATIC SYSTEM: No important abnormality of the spleen. No lymphadenopathy.

PERITONEUM, RETROPERITONEUM & MESENTERY: No important abnormality.

VESSELS & OTHER: Comparable atherosclerotic disease, without aneurysm. No venous abnormality.

BONES / BODY WALL: No important bony abnormality. No body wall abnormality.

LOWER THORAX (lung bases, heart): CT chest reported separately.

-----

### IMPRESSION:

Interval enlargement of a solitary hepatic segment 6 metastatic lesion. No new metastasis in the abdomen or pelvis.

Meshary Aldhufian, Abdominal Imaging Fellow

For report clarification: rads@toh.ca

Authorizing Provider

Result Type

Arif Ali Awan IMG CT PROCEDURES Performing Organization Address City/State/ZIP Code Phone Number ATL POWERSCRIBE XR CHEST 2 VW - Final result (03/11/2022 1:23 AM EDT) **Anatomical Region** Laterality Modality Chest Computed Radiography Anatomical Location / Collection Method / Laterality Volume Collection Time Received Time Specimen (Source) 03/11/2022 10:53 AM **EDT** Narrative ATL POWERSCRIBE - 03/11/2022 10:54 AM EDT XR CHEST 2 VW 11/3/2022 1:13 AM TOH Referring physician: JOSEPH CAYTAK INDICATION: 68 years. r/o pneumonia. COMPARISON: Chest CT 7 September 2022 FINDINGS: Normal cardiomediastinal silhouette area.. No pleural effusion or pneumothorax. No abnormal lung opacities/consolidations. No evident radiographic acute findings. Mild S-shaped scoliosis. No fractures. For report clarification: rads@toh.ca Procedure Note Marcos Loreto Sampaio - 03/11/2022 Formatting of this note might be different from the original. XR CHEST 2 VW 11/3/2022 1:13 AM TOH Referring physician: JOSEPH CAYTAK INDICATION: 68 years. r/o pneumonia. COMPARISON: Chest CT 7 September 2022 FINDINGS: Normal cardiomediastinal silhouette area.. No pleural effusion or pneumothorax. No abnormal lung opacities/consolidations. No evident radiographic acute findings. Mild S-shaped scoliosis. No fractures. For report clarification: rads@toh.ca Authorizing Provider Result Type IMG XR PROCEDURES Joseph Caytak Performing Organization Address City/State/ZIP Code Phone Number ATL POWERSCRIBE CULTURE, BLOOD (BLOOD CULTURE) - Final result (03/11/2022 12:35 AM EDT) Anatomical Location / Collection Method / Volume Specimen (Source) Laterality Collection Time Received Time Aerobic and Anaerobic 03/11/2022 12:35 AM 03/11/2022 12:39 AM **EDT EDT** Bottles (Peripheral) Narrative

EORLA - 08/11/2022 12:50 AM EST

Final Report:					
No growth					
Authorizing Provider	Result Type				
Joseph Caytak	LAB MICROBIOLOGY -	GENERAL ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Num	nber	
EORLA					
CULTURE, BLOOD (BLO	OD CULTURE) - Final r	esult (03/11/2022 12:35 <i>F</i>	AM EDT)		
,	Anatomical Location /	Collection Method /	,		
Specimen (Source)	Laterality	Volume	Collection T	ime	Received Time
Aerobic and Anaerobic			03/11/2022	12:35 AM	03/11/2022 12:39 AM
Bottles (Peripheral)			EDT		EDT
Narrative					
<b>EORLA - 08/11/2022</b> Final Report:	12:50 AM EST				
======== No growth					
no growen					
Authorizina Dravida	Pocult Type				
Authorizing Provider  Joseph Caytak	Result Type  LAB MICROBIOLOGY - 0	GENERAL ORDERARIES			
Joseph Caytak	LAD WICKODIOLOGI -	GLINERAL ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Num	nber	
EORLA					
POCT COVID RAPID AN	TIGEN TEST - Final re-	sult (03/11/2022 12:18 Al	M FDT)		
	Ref		Analysis	Performed	
Component	Value Range	Test Method	Time	At	Pathologist Signature
POCT COVID Rapid Antigen Test	Negative				
Antigen rest					
	Anatomical Location /	Collection Method /			
Specimen (Source)	Laterality	Volume	Collection T		Received Time
Nasopharyngeal Swab			03/11/2022 EDT	12:18 AM	
			LDI		
Authorizing Provider	Result Type				
Joseph Caytak	POINT OF CARE TEST O	ORDERABLES			
(ABNORMAL) URINALYSI	S - Final result (02/11/2	022 11:39 PM EDT)			
	Ref		Analysis	Performed	
Component	Value Range	Test Method	Time	At	Pathologist Signature
Colour Urine	Dark Yellow			EORLA	
Appearance Urine Glucose Urine	Clear			EORLA EORLA	
Bilirubin Urine	Negative Negative			EORLA	
Ketones Urine	Trace (A)			EORLA	
Specific Gravity Urine	1.032 (H) 1.005 -			EORLA	
	1.030				
Blood Urine	Negative			EORLA	
pH Urine	5.0			EORLA	
Protein Urine	1+ (A)			EORLA	
Urobilinogen Urine	Normal			EORLA	

Leukocyte Esterase Urine   Anatomical Location / Specimen (Source)	Nitrite Urine	Negative				EORLA	
Specimen (Source)   Laterality   Volume   Collection Time   Received Time   D2/11/2022 11:39 PM   D2/11/2022	Leukocyte Esterase Urine	-				EORLA	
Specimen (Source)   Laterality   Volume   Collection Time   Received Time   D2/11/2022 11:39 PM   D2/11/2022		-					
Urine (Urine, Clean Catch)  Authorizing Provider  Result Type  Tiffany Lan  LAB URINE ORDERABLES  Performing Organization  Address  City/State/ZIP Code  Phone Number  CORLA  GLUCOSE RANDOM - Final result (02/11/2022 9:36 PM EDT)  Ref Range  Component  Value  Range  Test Method  Time  Analysis  Performed  Time  Analysis  Performed  Time  Analysis  Performed  Pathologist Signature  Collection Time  Received Time  Authorizing Provider  Result Type  Tiffany Lan  LAB BLOOD ORDERABLES  Performing Organization  Address  City/State/ZIP Code  Phone Number  Collection Time  Received Time  Received Time  02/11/2022 9:36 PM EDT  02/11/2022 9:36 PM EDT  02/11/2022 9:36 PM EDT  02/11/2022 9:38 PM EDT  Analysis  Performed  Authorizing Provider  Result Type  Tiffany Lab  Result Type  Tiffany Lab  Collection Time  Received Time  Received Time  Received Time  Received Time  Authorizing Provider  Reforming Organization  Address  City/State/ZIP Code  Phone Number  FORLA  Analysis  Performed  Collection Time  Received Time  Tiffany Lam  LAB BLOOD ORDERABLES  Performing Organization  Address  City/State/ZIP Code  Phone Number	Cracinan (Causa)		cation /		Callagtian T	···	Descrived Times
Authorizing Provider Tiffany Lam LAB URINE ORDERABLES Performing Organization Address City/State/ZIP Code Phone Number  CORLA  GLUCOSE RANDOM - Final result (02/11/2022 9:36 PM EDT) Ref Component Value Range Range Analysis Performed Collection Method / Volume Result Type  Tiffany Lam LAB BLOOD ORDERABLES Performing Organization Address City/State/ZIP Code Phone Number  Ref Component Anatomical Location / Collection Method / Volume Result Type  Tiffany Lam LAB BLOOD ORDERABLES Performing Organization Address City/State/ZIP Code Phone Number  Ref Component Value Range Test Method Time Received Time Received Time Ref Component Address City/State/ZIP Code Phone Number  Ref Component Value Range Test Method Time Are Pathologist Signature Ref Component Value Range Test Method Time Are Pathologist Signature Ref Component Value Range Test Method Time Are Pathologist Signature Ref Component Value Range Test Method Time Are Pathologist Signature Ref Component Value Range Test Method Time Are Pathologist Signature Ref Component Value Range Test Method Time Are Pathologist Signature Ref Component Value Range Test Method Time Are Pathologist Signature Ref Component Value Range Test Method Time Are Pathologist Signature Ref Component Value Range Test Method Time Are Pathologist Signature Ref Component Value Range Test Method Time Are Pathologist Signature Ref Component Analysis Performed Analysis Performed Analysis Ref Component Analysis Received Time Ref Ref Component Authorizing Provider Ref Ref Ref Received Time Ref Ref Ref Ref Ref Ref Ref Ref Ref Re				volume			
Tiffany Lam  LAB URINE ORDERABLES  Performing Organization EORLA  Address  City/State/ZIP Code Phone Number  Component  Component Value Range Test Method Time At Pathologist Signature  Collection Method / Volume Collection Time Blood (Blood, Venous)  Anatomical Location / Laterality  Collection Method / Volume City/State/ZIP Code Phone Number  Collection Time At Pathologist Signature  Collection Time Received Time  Received Time  Received Time  Received Time  Received Time  Collection Method / Volume  Collection Time Received Time  Received	Offine (Offine, Clean Catch)					1 1.39 PW	
Tiffany Lam  LAB URINE ORDERABLES  Performing Organization EORLA  Address  City/State/ZIP Code Phone Number  Component  Component Value Range Test Method Time At Pathologist Signature  Collection Method / Volume Collection Time Blood (Blood, Venous)  Anatomical Location / Laterality  Collection Method / Volume City/State/ZIP Code Phone Number  Collection Time At Pathologist Signature  Collection Time Received Time  Received Time  Received Time  Received Time  Received Time  Collection Method / Volume  Collection Time Received Time  Received							
Performing Organization Address City/State/ZIP Code Phone Number  GRA  GLUCOSE RANDOM - Final result (02/11/2022 9:36 PM EDT)  Ref Ref Component Value Range Test Method Time At Pathologist Signature  Glucose Random 7.5 4.0 - 11.0 EORLA  Specimen (Source) Anatomical Location / Laterality Volume Collection Method / Volume Collection Time Received Time  Blood (Blood, Venous) 02/11/2022 9:36 PM EDT 02/11/2022 9:36 PM EDT 02/11/2022 9:38 PM EDT  Authorizing Provider Result Type  Tiffany Lam LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  EORLA  (ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (02/11/2022 9:36 PM EDT)  Ref Analysis Performed At Pathologist Signature  EORLA  (ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (02/11/2022 9:36 PM EDT)  Ref Analysis Performed Time At Pathologist Signature  EORLA  Lymphocyte 0.4 (L) 0.8 3.5 EORLA  x10°9/L  Lymphocyte 0.4 (L) 0.8 3.5 EORLA  x10°9/L  Eosinophil 0.0 0.1 1.0 EORLA  x10°9/L  Eosinophil 0.0 0.0 0.0 5 EORLA  x10°9/L  Eosinophil 0.0 0.0 0.0 1 EORLA  x10°9/L  Basophil 0.0 0.0 0.0 1 EORLA  x10°9/L  Eosinophil 0.0 Collection Method / Volume Collection Time Received Time  Blood Result Type  Tiffany Lam LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number			DEDADLEC				
GLUCOSE RANDOM - Final result (02/11/2022 9:36 PM EDT)  Ref Range Test Method Time At Pathologist Signature  Glucose Random 7.5 4.0 - 11.0 EORLA  Specimen (Source) Anatomical Location / Laterality Olover Collection Method / Volume Collection Time Received Time  Blood (Blood, Venous)  Authorizing Provider Result Type  Triffany Lam LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  FORLA  Camponent Value Range Test Method Time At Pathologist Signature  Ref Analysis Performed Time At Pathologist Signature  Ref Analysis Performed Analysis Performed Time At Pathologist Signature  Ref Component Value Range Test Method Time At Pathologist Signature  Neutrophil 3.2 20-7.5 x10-9/L  Lymphocyte 0.4 (L) 0.8 - 3.5 EORLA x10-9/L  Lymphocyte 0.4 (L) 1.1.0 EORLA  Ref Noncyte 0.4 0.1 - 1.0 EORLA  Resinophil 0.0 0.0 - 0.5 EORLA  Resinophil 0.0 0.0 - 0.1 EORLA  Resinophil 0.0 0.0 - 0.1 EORLA  Resinophil 0.0 0.0 - 0.1 EORLA  Resinophil 0.0 Collection Method / Volume EORLA  Resinophyl EORLA  Resinophyl EORLA  Resinophyl EORLA  Resinophyl EORLA  Resinophyl EORLA  Received Time Received Time  Received Time Received Time Received Time  Received Time Received Time  Received Time Received Time  Received Time Received Time Received Time Received Time  Received Time Received Time Received Time  Received Time Received Time Received Time Received Time Received Time  Received Time Received Time Received Time Received Time Received Time Received Time  Ref Component Courted Result Type  Tiffany Lam LAB BLOOD ORDERABLES  Ferforming Organization Address City/State/ZIP Code Phone Number	Tiffany Lam	LAB URINE OR	DEKABLES				
GLUCOSE RANDOM - Final result (02/11/2022 9:36 PM EDT)  Component Value Range Test Method Time At Pathologist Signature  Glucose Random 7.5 4.0 - 11.0 EORLA  Anatomical Location / Volume Collection Method / Volume Collection Time Received Time  Blood (Blood, Venous)  Authorizing Provider Result Type  Tiffany Lam  LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  Component Value Range Test Method Time At Pathologist Signature  EORLA  Ref Component Value Range Test Method Time At Pathologist Signature  EORLA  Neutrophil 3.2 2.0 - 7.5 EORLA  Lymphocyte 0.4 (L) 0.8 - 3.5 EORLA  Lymphocyte 0.4 (L) 0.8 - 3.5 EORLA  Monocyte 0.4 (D. 1 - 1.0 EORLA  Lymphocyte 0.4 (D. 0.1 - 1.0 EORLA  Lymphocyte 0.4 (D. 0.0 - 0.1 EORLA  Lymphocyte 0.4 (D. 0.0 - 0.1 Laterality EORLA  Monocyte 0.4 (D. 0.0 - 0.1 Laterality EORLA  Laterality Collection Method / Volume Collection Time Received Time  Blood EORLA  Anatomical Location / Volume OZ/11/2022 9:36 PM EDT 0Z/11/2022 9:38 PM E	Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
Component   Value   Range   Test Method   Time   Analysis   Performed   Pathologist Signature	EORLA			•			
Component   Value   Range   Test Method   Time   Analysis   Performed   Pathologist Signature							
Component   Value   Range   Test Method   Time   Analysis   Performed   Pathologist Signature	CLUCOSE DANIDOM - E	inal recult (02 /	11/2022	),26 DM EDT)			
Component   Value   Range   Test Method   Time   At   Pathologist Signature	GLUCUSE RAINDUIVI - F	mai resuit (02/		1.30 PIVI EDT)	Analysis	Parformed	
Glucose Random 7.5 4.0 - 11.0 mmol/L  Specimen (Source)	Component	Value		Test Method	,		Pathologist Signature
Specimen (Source)   Collection Method / Volume   Collection Time   Received Time		7.5				EORLA	<u></u>
Specimen (Source)   Laterality   Volume   Collection Time   Received Time			mmol/L				
Specimen (Source)   Laterality   Volume   Collection Time   Received Time		A		Callantina Mathand /			
Blood (Blood, Venous)  Authorizing Provider Tiffany Lam LAB BLOOD ORDERABLES  Performing Organization EORLA  (ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (02/11/2022 9:36 PM EDT)  Ref Component Value Range Test Method Time At Pathologist Signature  Neutrophil 3.2 2.0 - 7.5 x10 - 9/L  Lymphocyte 0.4 (L) 0.8 - 3.5 x10 - 9/L  Monocyte 0.4 0.1 - 1.0 x10 - 9/L  Eosinophil 0.0 0.0 - 0.1 x10 - 9/L  Basophil 0.0 0.0 - 0.1 x10 - 9/L  Immature Granulocyte 0.0 Anatomical Location / Laterality  Anatomical Location / Volume  Collection Time Received Time Authorizing Provider Result Type  Tiffany Lam LAB BLOOD ORDERABLES  City/State/ZIP Code Phone Number	Specimen (Source)		cation /		Collection T	ime	Received Time
Authorizing Provider Tiffany Lam  LAB BLOOD ORDERABLES  Performing Organization EORLA  City/State/ZIP Code Phone Number  EORLA  CABNORMAL) AUTOMATED DIFFERENTIAL - Final result (02/11/2022 9:36 PM EDT)  Ref Ref Ref Ref Neutrophil 3.2 2.0 - 7.5 10^9/L  Lymphocyte 0.4 (L) 0.8 - 3.5 EORLA  Monocyte 0.4 (L) 0.1 - 1.0 EORLA  Monocyte 0.4 0.1 - 1.0 EORLA  S10^9/L  Eosinophil 0.0 0.0 - 0.5 EORLA  S10^9/L  Basophil 0.0 0.0 - 0.1 EORLA  S10^9/L  Immature Granulocyte 0.4 Anatomical Location / Collection Method / Yolume  Collection Time Received Time Received Time Received Time Received Time Received Time Address  City/State/ZIP Code Phone Number		Lateranty		Volume			
Tiffany Lam LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  EORLA  (ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (02/11/2022 9:36 PM EDT)  Ref Range Test Method Time At Pathologist Signature  Neutrophil 3.2 2.0 - 7.5 x10^9/L  Lymphocyte 0.4 (L) 0.8 - 3.5 x10^9/L  Monocyte 0.4 0.1 - 1.0 EORLA x10^9/L  Eosinophil 0.0 0.0 - 0.5 EORLA  Basophil 0.0 0.0 - 0.1 EORLA  x10^9/L  Immature Granulocyte 0.0 <=0.1 x10^9/L  Immature Granulocyte 0.0 <=0.1 x10^9/L  Anatomical Location / Laterality Collection Method / Volume Collection Time Received Time  Blood Collection Time Received Time  Authorizing Provider Result Type  Tiffany Lam LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number	, , , , , , , , , , , , , , , , , , , ,						, , , , , , , , , , , , , , , , , , , ,
Performing Organization Address City/State/ZIP Code Phone Number  CORLA  (ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (02/11/2022 9:36 PM EDT)  Ref Component Value Range Test Method Time At Pathologist Signature  Neutrophil 3.2 2.0 - 7.5 EORLA  Lymphocyte 0.4 (L) 0.8 - 3.5  x10^9/L  Lymphocyte 0.4 0.1 - 1.0  x10^9/L  Eosinophil 0.0 0.0 - 0.5  x10^9/L  Basophil 0.0 0.0 - 0.1  x10^9/L  Immature Granulocyte 0.0 <=0.1  x10^9/L  Laterality Collection Method / Volume Collection Time Received Time  Blood Collection Time Received Time  Authorizing Provider Result Type  Tiffany Lam LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number							
Component   Value   Ref   Range   Test Method   Time   At   Pathologist Signature	Tiffany Lam	LAB BLOOD OF	RDERABLES				
Component   Value   Ref   Range   Test Method   Time   At   Pathologist Signature	Performing Organization	Address		City/State/7IP Code	Phone Num	her	
Component   Value   Range   Test Method   Time   At   Pathologist Signature		Address		City/State/Zir Code	FIIOHE NUII	ibei	
Component   Value   Range   Test Method   Time   At   Pathologist Signature	LOKEN						
Component   Value   Range   Test Method   Time   At   Pathologist Signature							
Component   Value   Range   Test Method   Time   At   Pathologist Signature	(ABNORMAL) AUTOMAT	ED DIFFERENTIA		esult (02/11/2022 9:36 I	•	D (	
Neutrophil   3.2   2.0 - 7.5   EORLA	Component	Value		Test Method	,		Pathologist Signature
Lymphocyte				T C S C T T C C T C C C C C C C C C C C			Tathologist signature
Monocyte							
Monocyte	Lymphocyte	0.4 (L)				EORLA	
Eosinophil   0.0   0.0 - 0.5   EORLA							
Eosinophil   0.0   0.0 - 0.5   EORLA	Monocyte	0.4				EORLA	
Specimen (Source)   Anatomical Location / Laterality   Volume   Collection Time   Received Time	Facinaphil	0.0				EODI A	
Basophil  0.0  0.0 - 0.1  x10^9/L  Immature Granulocyte  0.0  4=0.1  x10^9/L  Collection Method / Volume  Collection Time Received Time 02/11/2022 9:36 PM EDT  Authorizing Provider  Result Type  Tiffany Lam  LAB BLOOD ORDERABLES  Performing Organization  Address  City/State/ZIP Code  Phone Number	Eosinophii	0.0				EUNLA	
Immature Granulocyte 0.0 <=0.1	Basophil	0.0				EORLA	
x10^9/L  Anatomical Location / Collection Method / Volume Collection Time Received Time  Blood 02/11/2022 9:36 PM EDT 02/11/2022 9:38 PM EDT  Authorizing Provider Result Type  Tiffany Lam LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number							
Anatomical Location / Collection Method / Volume Collection Time Received Time  Blood 02/11/2022 9:36 PM EDT 02/11/2022 9:38 PM EDT  Authorizing Provider Result Type  Tiffany Lam LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number	Immature Granulocyte	0.0				EORLA	
Specimen (Source)  Laterality  Volume  Collection Time  Received Time  02/11/2022 9:36 PM EDT  Authorizing Provider  Result Type  Tiffany Lam  LAB BLOOD ORDERABLES  Performing Organization  Address  City/State/ZIP Code  Phone Number			x10^9/L				
Specimen (Source)  Laterality  Volume  Collection Time  Received Time  02/11/2022 9:36 PM EDT  Authorizing Provider  Result Type  Tiffany Lam  LAB BLOOD ORDERABLES  Performing Organization  Address  City/State/ZIP Code  Phone Number		Anatomical Loc	ration /	Collection Method /			
Blood 02/11/2022 9:36 PM EDT 02/11/2022 9:38 PM EDT  Authorizing Provider Result Type  Tiffany Lam LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number	Specimen (Source)		acion,		Collection T	ïme	Received Time
Tiffany Lam LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number		-			02/11/2022	9:36 PM EDT	02/11/2022 9:38 PM EDT
Tiffany Lam LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number							
Performing Organization Address City/State/ZIP Code Phone Number							
			DED 4 21 52				
			RDERABLES				
	Tiffany Lam	LAB BLOOD OF	RDERABLES	City/State/ZIP Code	Phone Num	ıber	
	Tiffany Lam  Performing Organization	LAB BLOOD OF	RDERABLES	City/State/ZIP Code	Phone Num	ıber	

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	100	62 - 100			EORLA	
		umol/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				02/11/2022	9:36 PM EDT	02/11/2022 9:38 PM EDT
Authorizing Provider	Result Type					
Tiffany Lam	LAB BLOOD OF	RDERABLES				
Darfarmina Organization	A d droce		City/State/7ID Code	Phone Num	به مر	
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Nun	ibei	
(ADMODRAN) CDC - E' I	It (02 (44 (2	0000 0 0 0 B				
(ABNORMAL) CBC - Final	result (02/11/2	Ref	INI EDI)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	4.0	3.5 - 10.5			EORLA	
RBC	3.86 (L)	x10^9/L 4.00 -			EORLA	
NDC	3.00 (L)	4.00 - 5.50			LUNLA	
		x10^12/L				
HGB	112 (L)	125 - 170			EORLA	
НСТ	0.360 (L)	g/L 0.380 -			EORLA	
	0.500 (2)	0.500 L/L			LONE	
MCV	93.3	80.0 -			EORLA	
NACH	20.0	100.0 fL			FOR! A	
MCH	29.0	27.0 - 34.0 pg			EORLA	
MCHC	311 (L)	315 - 355			EORLA	
		g/L				
RDW	14.4	11.5 - 15.5 %			EORLA	
Plat	387 (H)	130 - 380			EORLA	
	207 (11)	x10^9/L			201121	
MPV	9.0	9.0 - 14.0			EORLA	
NIDDC (100 M/DC	0.0	fL			TOD! A	
NRBC/100 WBC NRBC #	0.00	0.00 -			EORLA EORLA	
NADC "	0.00	0.00			LONLA	
		x10^9/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality	1	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				02/11/2022	9:36 PM EDT	02/11/2022 9:38 PM EDT
Authorizing Provider	Result Type					
Tiffany Lam	LAB BLOOD OF	RDERABLES				
,						
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
BUN (UREA) - Final resu	ult (02/11/2022		EDT)			
Component	Value	Ref	Test Method	Analysis Time	Performed	Pathologist Signature
Component Urea	6.5	Range 3.3 - 8.9	rest iviethou	iiiie	At EORLA	Pathologist Signature
	5.5	5.5 0.5			LUNLA	

#### mmol/L

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			02/11/2022 9:36 PM EDT	02/11/2022 9:38 PM EDT
Authorizing Provider	Result Type			
Tiffany Lam	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	

# ELECTROLYTE PANEL (ELECTROLYTES) - Final result (02/11/2022 9:36 PM EDT)

`	,	D - C	, ,	A L - ' -	D - (	
		Ref	T	Analysis	Performed	D
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	137	136 - 144 mmol/L			EORLA	
K	4.4	3.5 - 5.1 mmol/L			EORLA	
Cl	98	98 - 107 mmol/L			EORLA	
CO2	27	19 - 30 mmol/L			EORLA	
Anion Gap	12	8 - 16 mmol/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				02/11/2022	9:36 PM EDT	02/11/2022 9:38 PM EDT
Authorizing Provider	Result Type					
Tiffany Lam	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

### (ABNORMAL) EGFR - Final result (24/10/2022 10:25 AM EDT)

Component Creatinine	Value 98	Ref Range Test Method 62 - 100 umol/L	Analysis Time	Performed At EORLA	Pathologist Signature
EGFR (CKD-EPI)	68 (L)	>=90 mL/min/1.73 m^2		EORLA	

#### Comment:

An eGFR result between  $60-89 \text{ mL/min}/1.73 \text{ m}^2$  is consistent with mildly decreased kidney function. However, in the absence of other evidence of kidney disease, eGFR values in this range do not fulfil the KDIGO criteria for chronic kidney

disease. Interpret results in concert with ACR measurement.

eGFR is calculated based on the CKD-EPI equation (Ann Intern Med. 2009 May 5;150(9):604-12) from sex, age, and creatinine without taking into account race or ancestry. This calculation is limited and does not necessarily apply to children,

elderly and transgender people, extremes of body mass, those with loss of limb, those on diets with extremes of meat content, and medications that affect creatinine concentration, such as sulphamethoxazole, trimethoprim, H2-antagonists, and

fenofibrate.

4	Anatomical Loca	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				24/10/2022	10:25 AM	24/10/2022 11:51 AM
				EDT		EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORI	DERABLES				
_ , , , , , , , , , , , , , , , , , , ,					-	
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
EUKLA						
MORPHOLOGY - Final r	esult (24/10/20		AM EDT)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Component  Morphology	Nonspecific	Kange	Test Metriou	Hille	EORLA	Patriologist Signature
Morphology	Ttorispecie					
(5	Anatomical Loca	ation /	Collection Method /	C. U. S.Can Ti		5 1 1 T
Specimen (Source) Blood	Laterality		Volume	Collection T		Received Time
Biood				24/10/2022 EDT	10:25 AIVI	24/10/2022 11:50 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORI	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			-			
PHOSPHATE - Final resu	ul+ /2///10/2022	10.25 ΔΝ	/ EDT)			
Phosphale - Hilaliest	JIL (24/ 10/2022	Ref	/I EU I )	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
PO4	0.83	0.78 -			EORLA	
		1.38				
		mmol/l				
		mmol/L				
	Anatomical Loca		Collection Method /			
Specimen (Source)	Anatomical Loca Laterality		Collection Method / Volume	Collection T		Received Time
Specimen (Source) Blood				Collection Ti 24/10/2022 EDT		Received Time 24/10/2022 11:51 AM EDT
Blood	Laterality			24/10/2022		24/10/2022 11:51 AM
Blood  Authorizing Provider	Laterality  Result Type	ation /		24/10/2022		24/10/2022 11:51 AM
Blood	Laterality	ation /		24/10/2022		24/10/2022 11:51 AM
Blood  Authorizing Provider  Arif Ali Awan	Result Type  LAB BLOOD ORI	ation /		24/10/2022	10:25 AM	24/10/2022 11:51 AM
Blood  Authorizing Provider  Arif Ali Awan	Result Type  LAB BLOOD ORI	ation /	Volume	24/10/2022 EDT	10:25 AM	24/10/2022 11:51 AM
Authorizing Provider Arif Ali Awan Performing Organization	Result Type  LAB BLOOD ORI	ation /	Volume	24/10/2022 EDT	10:25 AM	24/10/2022 11:51 AM
Authorizing Provider Arif Ali Awan  Performing Organization EORLA	Result Type  LAB BLOOD ORI  Address	DERABLES	Volume  City/State/ZIP Code	24/10/2022 EDT	10:25 AM	24/10/2022 11:51 AM
Authorizing Provider Arif Ali Awan Performing Organization	Result Type  LAB BLOOD ORI  Address	DERABLES	Volume  City/State/ZIP Code	24/10/2022 EDT Phone Num	10:25 AM	24/10/2022 11:51 AM
Authorizing Provider Arif Ali Awan  Performing Organization EORLA	Result Type  LAB BLOOD ORI  Address	DERABLES	Volume  City/State/ZIP Code	24/10/2022 EDT	10:25 AM	24/10/2022 11:51 AM
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  GLUCOSE RANDOM - F	Result Type LAB BLOOD ORI Address	DERABLES  10/2022 1 Ref Range 4.0 - 11.0	City/State/ZIP Code  0:25 AM EDT)	24/10/2022 EDT  Phone Num  Analysis	10:25 AM ber Performed	24/10/2022 11:51 AM EDT
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  GLUCOSE RANDOM - F Component	Result Type LAB BLOOD ORI Address Final result (24/1) Value	DERABLES  10/2022 1 Ref Range	City/State/ZIP Code  0:25 AM EDT)	24/10/2022 EDT  Phone Num  Analysis	Der Performed At	24/10/2022 11:51 AM EDT
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  GLUCOSE RANDOM - F Component	Result Type LAB BLOOD ORI Address Final result (24/1) Value	DERABLES  10/2022 1 Ref Range 4.0 - 11.0 mmol/L	City/State/ZIP Code  0:25 AM EDT)	24/10/2022 EDT  Phone Num  Analysis	Der Performed At	24/10/2022 11:51 AM EDT
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  GLUCOSE RANDOM - F Component	Result Type LAB BLOOD ORI Address  Final result (24/1) Value 6.1	DERABLES  10/2022 1 Ref Range 4.0 - 11.0 mmol/L	City/State/ZIP Code  0:25 AM EDT)  Test Method	24/10/2022 EDT  Phone Num  Analysis	Der Performed At EORLA	24/10/2022 11:51 AM EDT
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  GLUCOSE RANDOM - F  Component Glucose Random	Result Type LAB BLOOD ORI Address  Tinal result (24/1 Value 6.1  Anatomical Local	DERABLES  10/2022 1 Ref Range 4.0 - 11.0 mmol/L	Volume  City/State/ZIP Code  0:25 AM EDT)  Test Method  Collection Method /	24/10/2022 EDT  Phone Num  Analysis Time  Collection To 24/10/2022	Der Performed At EORLA	Pathologist Signature  Received Time 24/10/2022 11:51 AM
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  GLUCOSE RANDOM - F  Component Glucose Random	Result Type LAB BLOOD ORI Address  Tinal result (24/1 Value 6.1  Anatomical Local	DERABLES  10/2022 1 Ref Range 4.0 - 11.0 mmol/L	Volume  City/State/ZIP Code  0:25 AM EDT)  Test Method  Collection Method /	24/10/2022 EDT  Phone Num  Analysis Time  Collection Time	Der Performed At EORLA	24/10/2022 11:51 AM EDT  Pathologist Signature  Received Time
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  GLUCOSE RANDOM - F  Component Glucose Random	Result Type LAB BLOOD ORI Address  Tinal result (24/1 Value 6.1  Anatomical Local	DERABLES  10/2022 1 Ref Range 4.0 - 11.0 mmol/L	Volume  City/State/ZIP Code  0:25 AM EDT)  Test Method  Collection Method /	24/10/2022 EDT  Phone Num  Analysis Time  Collection To 24/10/2022	Der Performed At EORLA	Pathologist Signature  Received Time 24/10/2022 11:51 AM

Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
ABNORMAL) AUTOMAT	ED DIFFERENTIA		esult (24/10/2022 10:25			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Neutrophil	5.5	2.0 - 7.5 x10^9/L			EORLA	<u> </u>
Lymphocyte	0.9	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.8	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.1	0.0 - 0.5 x10^9/L			EORLA	
Basophil	0.0	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.5 (H)	<=0.1 x10^9/L			EORLA	
Consider on (Course)	Anatomical Loc	cation /	Collection Method /	Callastian 3	<del>-</del> :	Deseived Times
Specimen (Source)	Laterality		Volume	Collection 7		Received Time
Blood				24/10/2022 EDT	10:25 AM	24/10/2022 11:50 AN EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
D. ('	A -1 -1		C'1 (C) - 1 - (ZID C1 -	Dl N	. 1	
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	nber	
ABNORMAL) CBC - Final Component	result (24/10/2	2 <b>022 10:25</b> Ref Range	AM EDT)  Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	7.8	3.5 - 10.5	Test Wiction	Title	EORLA	Tatriologist signature
	7.0	x10^9/L			201127	
RBC	3.44 (L)	4.00 - 5.50			EORLA	
HGB		x10^12/L				
	104 (L)	125 - 170 g/L			EORLA	
НСТ	104 (L) 0.327 (L)	125 - 170			EORLA	
MCV	<b>0.327 (L)</b> 95.1	125 - 170 g/L 0.380 - 0.500 L/L 80.0 - 100.0 fL			EORLA EORLA	
MCV MCH	<b>0.327 (L)</b> 95.1 30.2	125 - 170 g/L 0.380 - 0.500 L/L 80.0 - 100.0 fL 27.0 - 34.0 pg			EORLA EORLA	
MCV MCH MCHC	<b>0.327 (L)</b> 95.1 30.2 318	125 - 170 g/L 0.380 - 0.500 L/L 80.0 - 100.0 fL 27.0 - 34.0 pg 315 - 355 g/L			EORLA EORLA EORLA	
MCV MCH MCHC RDW	<b>0.327 (L)</b> 95.1 30.2 318 14.0	125 - 170 g/L 0.380 - 0.500 L/L 80.0 - 100.0 fL 27.0 - 34.0 pg 315 - 355 g/L 11.5 - 15.5 %			EORLA EORLA EORLA EORLA	
HCT MCV MCH MCHC RDW Plat	0.327 (L) 95.1 30.2 318 14.0 422 (H)	125 - 170 g/L 0.380 - 0.500 L/L 80.0 - 100.0 fL 27.0 - 34.0 pg 315 - 355 g/L 11.5 - 15.5 % 130 - 380 x10^9/L			EORLA EORLA EORLA EORLA EORLA	
MCV MCH MCHC RDW Plat MPV	0.327 (L) 95.1 30.2 318 14.0 422 (H) 8.7 (L)	125 - 170 g/L 0.380 - 0.500 L/L 80.0 - 100.0 fL 27.0 - 34.0 pg 315 - 355 g/L 11.5 - 15.5 % 130 - 380			EORLA EORLA EORLA EORLA EORLA EORLA EORLA	
MCV MCH MCHC RDW	0.327 (L) 95.1 30.2 318 14.0 422 (H)	125 - 170 g/L  0.380 - 0.500 L/L  80.0 - 100.0 fL  27.0 - 34.0 pg  315 - 355 g/L  11.5 - 15.5 %  130 - 380 x10^9/L  9.0 - 14.0			EORLA EORLA EORLA EORLA EORLA	

		0.00 x10^9/L				
		X10 3/L				
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ïme	Received Time
Blood (Blood, Venous)				24/10/2022	10:25 AM	24/10/2022 11:50 AM
				EDT		EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			,, ,			
BUN (UREA) - Final resu	ılt (24/10/2022	10:25 AN	И EDT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Urea	5.8	3.3 - 8.9 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Lateranty		VOIGITIE	24/10/2022		24/10/2022 11:51 AM
				EDT		EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
	A 1.1		C:	DI NI		
Performing Organization EORLA	Address City/St		City/State/ZIP Code	Phone Num	iber	
LOKEA						
ALT 5' 1 1 /2 4 /10	V2022 10.25 AI	M EDT)				
ALT - Final result (24/10	1/2022 10:25 AI	MEDT) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	15	12 - 49			EORLA	
		U/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				24/10/2022 EDT	IU.Z3 AIVI	24/10/2022 11:51 AM EDT
Authorizing Provider Arif Ali Awan	Result Type  LAB BLOOD OR	DEDADLEC				
AIII AII AWdII	LAD DLOOD OK	'NFUMDEE?				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) AST - Final	result (24/10/20		AM EDT)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
AST	10 (L)	12 - 29	rest method	Tittle	EORLA	Tuttiologist signature
	-	U/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				24/10/2022 EDT	10:25 AM	24/10/2022 11:51 AM EDT

Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
	A 1 1		Si. (S. ) (715 C. ).	51 . Al		
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
EURLA						
TSH - Final result (24/10	J/2022 10:25 A			ماديا د	5 (ad	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	1.66	0.27 -	TCSC IVICUIOG		EORLA	Tatriologist signature
		4.20 mIU/L				
Specimen (Source)	Anatomical Local	ation /	Collection Method / Volume	Collection T	īime	Received Time
Blood	<u>,</u>			24/10/2022		24/10/2022 2:38 PM EDT
				EDT		
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES	,			
	A 1 1		C': /C: 12/7ID Code	Disease Nissas	1	
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
EUNLA						
PROTEIN TOTAL - Final I	result (24/10/2		5 AM EDT)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Protein Total	67	63 - 75	Test Method	Hillie	EORLA	Patriologist Signature
Trocent rota.	0.	g/L				
			- U			
Specimen (Source)	Anatomical Local Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Laterancy		Volunic	24/10/2022		24/10/2022 11:51 AM
,				EDT		EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR		<u> </u>			
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ALKALINE PHOSPHATAS	SE - Final resul	t (24/10/7	2022 10:25 AM EDT)			
		Ref		Analysis	Performed	
Component ALP	Value 112	Range 50 - 112	Test Method	Time	At EORLA	Pathologist Signature
ALP	112	50 - 112 U/L			EUKLA	
Specimen (Source)	Anatomical Local Laterality	.ation /	Collection Method / Volume	Collection T	imo	Received Time
Blood (Blood, Venous)	Lateranty		Volume	24/10/2022		24/10/2022 11:51 AM
biood (5:000, 10:111)				EDT	10.23 7	EDT
	5 b =					
Authorizing Provider Arif Ali Awan	Result Type  LAB BLOOD OR	DED A RI EC				
AIII AII Awan	LAB BLOOD ON	DEKADLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ıber	
						· ·

Component	· · · · · · · · · · · · · · · · · · ·	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	<b>0.64 (L)</b> 0	0.66 - 1.07 nmol/L			EORLA	<u> </u>
Specimen (Source)	Anatomical Locat Laterality	ion /	Collection Method / Volume	Collection 1	lime	Received Time
Blood (Blood, Venous)				24/10/2022 EDT	2 10:25 AM	24/10/2022 11:51 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORDI	ERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	nber	
CALCIUM - Final result (	R	Ref		Analysis	Performed	Deth also sist Circustoms
Component Ca	2.34 2	Range 2.24 - 2.58 nmol/L	Test Method	Time	At EORLA	Pathologist Signature
Specimen (Source)	Anatomical Locat Laterality	ion /	Collection Method / Volume	Collection 1	- Time	Received Time
Blood (Blood, Venous)				24/10/2022 EDT	2 10:25 AM	24/10/2022 11:51 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORDI	ERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Number		
EORLA						
BILIRUBIN, TOTAL - Fina	R	Ref		Analysis	Performed	
Component Bilirubin Total	<3 <	Range <=15 ımol/L	Test Method	Time	At EORLA	Pathologist Signature
Specimen (Source)	Anatomical Locat Laterality	ion /	Collection Method / Volume	Collection 1	- Time	Received Time
Blood (Blood, Venous)				24/10/2022 EDT	2 10:25 AM	24/10/2022 11:51 AN EDT
	Result Type					
Authorizing Provider						
Authorizing Provider Arif Ali Awan	LAB BLOOD ORDI	ERABLES				

# (ABNORMAL) ALBUMIN - Final result (24/10/2022 10:25 AM EDT)

Ref

Component	Value	Range	Test Method	Time	At	Pathologist Signature
Albumin	37 (L)	39 - 47			EORLA	
		g/L				
	Anatomical Loc	ration /	Collection Method /			
Specimen (Source)	Laterality	ation /	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	,			24/10/2022	10:25 AM	24/10/2022 11:51 AM
				EDT		EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDFRABI FS				
7 till 7 til 7 twall	2.00 02000 01	(DEIV (DEES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ELECTROLYTE PANEL (E	I FCTROLYTES)	- Final re	sult (24/10/2022 10·25	AM FDT)		
LLLCTROLITET AIVLE (L	LLCTROLTTLS)	Ref	3dit (24) 10/2022 10.23	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	140	136 - 144			EORLA	
- V	F.O.	mmol/L			FOR! A	
К	5.0	3.5 - 5.1 mmol/L			EORLA	
CI	100	98 - 107			EORLA	
		mmol/L			201121	
CO2	30	19 - 30			EORLA	
		mmol/L				
Anion Gap	10	8 - 16			EORLA	
		mmol/L				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Specimen (Source) Blood		cation /	-	24/10/2022		24/10/2022 11:51 AM
		cation /	-			
Blood	Laterality	cation /	-	24/10/2022		24/10/2022 11:51 AM
			-	24/10/2022		24/10/2022 11:51 AM
Blood  Authorizing Provider  Arif Ali Awan	Result Type  LAB BLOOD OF		Volume	24/10/2022 EDT	10:25 AM	24/10/2022 11:51 AM
Blood  Authorizing Provider  Arif Ali Awan  Performing Organization	Result Type  LAB BLOOD OF		-	24/10/2022	10:25 AM	24/10/2022 11:51 AM
Blood  Authorizing Provider  Arif Ali Awan	Result Type  LAB BLOOD OF		Volume	24/10/2022 EDT	10:25 AM	24/10/2022 11:51 AM
Blood  Authorizing Provider  Arif Ali Awan  Performing Organization	Result Type  LAB BLOOD OF		Volume	24/10/2022 EDT	10:25 AM	24/10/2022 11:51 AM
Blood  Authorizing Provider  Arif Ali Awan  Performing Organization	Result Type  LAB BLOOD OF	RDERABLES	Volume  City/State/ZIP Code	24/10/2022 EDT  Phone Num	10:25 AM	24/10/2022 11:51 AM
Authorizing Provider Arif Ali Awan Performing Organization EORLA  (ABNORMAL) AUTOMAT	Result Type LAB BLOOD OF Address	RDERABLES  AL - Final re	Volume  City/State/ZIP Code  esult (18/10/2022 10:13 A	24/10/2022 EDT  Phone Num  AM EDT)  Analysis	10:25 AM ber	24/10/2022 11:51 AM EDT
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AUTOMAT  Component	Result Type LAB BLOOD OF Address  ED DIFFERENTIA Value	RDERABLES  AL - Final re Ref Range	Volume  City/State/ZIP Code	24/10/2022 EDT  Phone Num	Der Performed At	24/10/2022 11:51 AM
Authorizing Provider Arif Ali Awan Performing Organization EORLA  (ABNORMAL) AUTOMAT	Result Type LAB BLOOD OF Address	RDERABLES  AL - Final re	Volume  City/State/ZIP Code  esult (18/10/2022 10:13 A	24/10/2022 EDT  Phone Num  AM EDT)  Analysis	10:25 AM ber	24/10/2022 11:51 AM EDT
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AUTOMAT  Component	Result Type LAB BLOOD OF Address  ED DIFFERENTIA Value	AL - Final re Ref Range 2.0 - 7.5	Volume  City/State/ZIP Code  esult (18/10/2022 10:13 A	24/10/2022 EDT  Phone Num  AM EDT)  Analysis	Der Performed At	24/10/2022 11:51 AM EDT
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AUTOMAT  Component Neutrophil	Result Type LAB BLOOD OF Address  ED DIFFERENTIA  Value 3.7  0.7 (L)	AL - Final re Ref Range 2.0 - 7.5 x10^9/L 0.8 - 3.5 x10^9/L	Volume  City/State/ZIP Code  esult (18/10/2022 10:13 A	24/10/2022 EDT  Phone Num  AM EDT)  Analysis	Der Performed At EORLA EORLA	24/10/2022 11:51 AM EDT
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AUTOMAT  Component Neutrophil	Result Type LAB BLOOD OF Address  ED DIFFERENTIA  Value 3.7	AL - Final real Ref Range 2.0 - 7.5 x10^9/L 0.8 - 3.5 x10^9/L 0.1 - 1.0	Volume  City/State/ZIP Code  esult (18/10/2022 10:13 A	24/10/2022 EDT  Phone Num  AM EDT)  Analysis	Der Performed At EORLA	24/10/2022 11:51 AM EDT
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AUTOMAT  Component Neutrophil  Lymphocyte  Monocyte	Result Type LAB BLOOD OF Address  ED DIFFERENTIA  Value 3.7  0.7 (L)  0.6	AL - Final real Reference Range 2.0 - 7.5 x10^9/L 0.8 - 3.5 x10^9/L 0.1 - 1.0 x10^9/L	Volume  City/State/ZIP Code  esult (18/10/2022 10:13 A	24/10/2022 EDT  Phone Num  AM EDT)  Analysis	Der  Performed At  EORLA  EORLA  EORLA	24/10/2022 11:51 AM EDT
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AUTOMAT  Component Neutrophil  Lymphocyte	Result Type LAB BLOOD OF Address  ED DIFFERENTIA  Value 3.7  0.7 (L)	AL - Final re Ref Range 2.0 - 7.5 x10^9/L 0.8 - 3.5 x10^9/L 0.1 - 1.0 x10^9/L 0.0 - 0.5	Volume  City/State/ZIP Code  esult (18/10/2022 10:13 A	24/10/2022 EDT  Phone Num  AM EDT)  Analysis	Der Performed At EORLA EORLA	24/10/2022 11:51 AM EDT
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AUTOMAT  Component Neutrophil  Lymphocyte  Monocyte  Eosinophil	Result Type LAB BLOOD OF Address  ED DIFFERENTIA  Value 3.7  0.7 (L)  0.6  0.1	AL - Final real Ref Range 2.0 - 7.5 x10^9/L 0.8 - 3.5 x10^9/L 0.1 - 1.0 x10^9/L 0.0 - 0.5 x10^9/L	Volume  City/State/ZIP Code  esult (18/10/2022 10:13 A	24/10/2022 EDT  Phone Num  AM EDT)  Analysis	Der  Performed At EORLA EORLA EORLA EORLA	24/10/2022 11:51 AM EDT
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AUTOMAT  Component Neutrophil  Lymphocyte  Monocyte	Result Type LAB BLOOD OF Address  ED DIFFERENTIA  Value 3.7  0.7 (L)  0.6	AL - Final real Ref Range 2.0 - 7.5 x10^9/L 0.8 - 3.5 x10^9/L 0.1 - 1.0 x10^9/L 0.0 - 0.5	Volume  City/State/ZIP Code  esult (18/10/2022 10:13 A	24/10/2022 EDT  Phone Num  AM EDT)  Analysis	Der  Performed At  EORLA  EORLA  EORLA	24/10/2022 11:51 AM EDT
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AUTOMAT  Component Neutrophil  Lymphocyte  Monocyte  Eosinophil	Result Type LAB BLOOD OF Address  ED DIFFERENTIA  Value 3.7  0.7 (L)  0.6  0.1	RDERABLES  AL - Final re Ref Range 2.0 - 7.5 x10^9/L 0.8 - 3.5 x10^9/L 0.1 - 1.0 x10^9/L 0.0 - 0.5 x10^9/L 0.0 - 0.1 x10^9/L <=0.1	Volume  City/State/ZIP Code  esult (18/10/2022 10:13 A	24/10/2022 EDT  Phone Num  AM EDT)  Analysis	Der  Performed At EORLA EORLA EORLA EORLA	24/10/2022 11:51 AM EDT
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AUTOMAT  Component Neutrophil  Lymphocyte  Monocyte  Eosinophil  Basophil	Result Type LAB BLOOD OF Address  ED DIFFERENTIA  Value 3.7  0.7 (L)  0.6  0.1  0.0	RDERABLES  AL - Final re Ref Range 2.0 - 7.5 x10^9/L 0.8 - 3.5 x10^9/L 0.1 - 1.0 x10^9/L 0.0 - 0.5 x10^9/L 0.0 - 0.1 x10^9/L	Volume  City/State/ZIP Code  esult (18/10/2022 10:13 A	24/10/2022 EDT  Phone Num  AM EDT)  Analysis	Der  Performed At EORLA EORLA EORLA EORLA EORLA EORLA	24/10/2022 11:51 AM EDT
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AUTOMAT  Component Neutrophil  Lymphocyte  Monocyte  Eosinophil  Basophil	Result Type LAB BLOOD OF Address  ED DIFFERENTIA  Value 3.7  0.7 (L)  0.6  0.1  0.0  0.0	RDERABLES  AL - Final r Ref Range 2.0 - 7.5 x10^9/L 0.8 - 3.5 x10^9/L 0.1 - 1.0 x10^9/L 0.0 - 0.5 x10^9/L 0.0 - 0.1 x10^9/L <=0.1 x10^9/L	City/State/ZIP Code  esult (18/10/2022 10:13 A	24/10/2022 EDT  Phone Num  AM EDT)  Analysis	Der  Performed At EORLA EORLA EORLA EORLA EORLA EORLA	24/10/2022 11:51 AM EDT
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AUTOMAT  Component Neutrophil  Lymphocyte  Monocyte  Eosinophil  Basophil	Result Type LAB BLOOD OF Address  ED DIFFERENTIA  Value 3.7  0.7 (L)  0.6  0.1  0.0	RDERABLES  AL - Final r Ref Range 2.0 - 7.5 x10^9/L 0.8 - 3.5 x10^9/L 0.1 - 1.0 x10^9/L 0.0 - 0.5 x10^9/L 0.0 - 0.1 x10^9/L <=0.1 x10^9/L	Volume  City/State/ZIP Code  esult (18/10/2022 10:13 A	24/10/2022 EDT  Phone Num  AM EDT)  Analysis	Der  Performed At EORLA EORLA EORLA EORLA EORLA EORLA EORLA	24/10/2022 11:51 AM EDT

Blood				18/10/2022 EDT	10:13 AM	18/10/2022 10:44 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			,			
(ABNORMAL) CBC - Final	result (18/10/		AM EDT)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	5.1	3.5 - 10.5 x10^9/L			EORLA	3
RBC	3.61 (L)	4.00 - 5.50 x10^12/L			EORLA	
HGB	106 (L)	125 - 170 g/L			EORLA	
НСТ	0.336 (L)	0.380 - 0.500 L/L			EORLA	
MCV	93.1	80.0 - 100.0 fL			EORLA	
МСН	29.4	27.0 - 34.0 pg			EORLA	
МСНС	315	315 - 355 g/L			EORLA	
RDW	13.5	11.5 - 15.5 %			EORLA	
Plat	389 (H)	130 - 380 x10^9/L			EORLA	
MPV	8.6 (L)	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
	Anatomical Lo	ocation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				18/10/2022 EDT	10:13 AIVI	18/10/2022 10:44 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) EGFR - Fina	al result (18/10	/2022 10:13	S AM EDT)			
Component	Value		Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	92	Ref Range 62 - 100 umol/L	rest iviethou	Tillle	EORLA	i autologist signature
EGFR (CKD-EPI)	73 (L)	>=90 mL/min/1.7 m^2	73		EORLA	
Comment:		1117				

An eGFR result between 60-89 mL/min/1.73 m^2 is consistent with mildly decreased kidney function. However, in the absence of other evidence of kidney disease, eGFR values in this range do not fulfil the KDIGO criteria for chronic kidney

disease. Interpret results in concert with ACR measurement.

eGFR is calculated based on the CKD-EPI equation (Ann Intern Med. 2009 May 5;150(9):604-12) from sex, age, and creatinine without taking into account race or ancestry. This calculation is limited and does not necessarily apply to children,

elderly and transgender people, extremes of body mass, those with loss of limb, those on diets with extremes of meat content, and medications that affect creatinine concentration, such as sulphamethoxazole, trimethoprim, H2-antagonists, and fenofibrate.

	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				18/10/2022 EDT	10:13 AM	18/10/2022 10:42 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
PHOSPHATE - Final resu	ult (18/10/2022	2 10:13 AI	M EDT)			
		Ref	== :,	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
PO4	0.88	0.78 -			EORLA	
		1.38 mmol/L				
		IIIIIOI/ L				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	im <u>e</u>	Received Time
Blood				18/10/2022 EDT	10:13 AM	18/10/2022 10:42 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
CHICOCE DANIDOM -		40/2022	40.40 AA4 EDT)			
GLUCOSE RANDOM - F			10:13 AM EDI)	A I	De de mara al	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	7.3	4.0 - 11.0		THITC	EORLA	Tatriologist signature
diacose nanas	7.5	mmol/L			LOILL	
	Anatomical Loc	cation /	Collection Method /			<del>-</del> .
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood				18/10/2022 EDT	10:13 AM	18/10/2022 10:42 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	

BUN (UREA) - Final resu	ult (18/10/202	2 10:13 AN	√ EDT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Urea	5.0	3.3 - 8.9			EORLA	
		mmol/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality	Cation /	Volume	Collection 7	Time	Received Time
Blood (Blood, Venous)				18/10/2022	2 10:13 AM	18/10/2022 10:42 AM
· 				EDT		EDT
l <u>.</u>						
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	KDFKARTF2				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nher	
EORLA	7.00.000		010,70000,2 2222	1110110111		
ALT - Final result (18/10	)/2022 10:13 A	AM EDT)				
-		Ref	- · · · · ·	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	12	12 - 49 U/L			EORLA	
		U/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection 7	Time	Received Time
Blood (Blood, Venous)				18/10/2022	2 10:13 AM	18/10/2022 10:42 AM
				EDT		EDT
A di Cita Danida	D. U.T.					
Authorizing Provider Arif Ali Awan	Result Type  LAB BLOOD O	DDED A DI EC				
AIII AII AWdII	LAB BLOOD OF	KDEKADLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
		40 40	<del>-</del> -			
(ABNORMAL) AST - Final	result (18/10/2		AM EDT)	Analysis	Performed	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
AST	11 (L)	12 - 29	Test Metriod	TITIC	EORLA	Tatriologist signature
A31	11 (2)	U/L			LONEX	
<u>.</u> .	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection 7		Received Time
Blood (Blood, Venous)				18/10/2022 EDT	2 10:13 AM	18/10/2022 10:42 AM EDT
				נטו		נטו
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OI	RDERABLES	)			
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						
PROTEINITOTAL Final	/ 10 /10 /1 عاد	2022 10.17	2			
PROTEIN TOTAL - Final	result (10/10/	2022 10:13 Ref	3 AIVI EDT)	Apolycic	Performed	
Component	Value	кет Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Protein Total	73	63 - 75	1050 111001100		EORLA	Tatilologist signature
1100011100	7.5	g/L			20.12.	
		•				

	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				18/10/2022 10:13 AM		18/10/2022 10:42 AM
				EDT		EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	iber	
EURLA						
ALKALINE PHOSPHATA	SE - Final resul	t (18/10/	2022 10:13 AM EDT)			
		Ref		Analysis	Performed	
Component ALP	Value 70	Range 50 - 112	Test Method	Time	At EORLA	Pathologist Signature
ALP	70	U/L			EUKLA	
		-, -				
	Anatomical Loc	ation /	Collection Method /	6 II		
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				18/10/2022 EDT	10.13 AIVI	18/10/2022 10:42 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
EORLA	Address		City/State/Zii Code	THORE INGIL	ibci	
MAGNESIUM - Final res	sult (18/10/202		AM EDT)		5 (	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.66	0.66 -	rest Wethod	Tillic	EORLA	T diffologist signature
3		1.07				
		mmol/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality	aciony	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				18/10/2022	10:13 AM	18/10/2022 10:42 AM
				EDT		EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES	<u> </u>			
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
CALCIUM - Final result	(18/10/2022 10	:13 AM E	EDT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Са	2.32	2.24 - 2.58			EORLA	
		mmol/L				
Specimen (Source)	Anatomical Loc	ation /	Collection Method /	Collegation T	imo	Descrived Times
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	Collection T 18/10/2022		Received Time 18/10/2022 10:42 AM
biood (biood, verious)				18/10/2022 EDT	IU. IS AIVI	EDT

Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	har	
EORLA	Addiess		City/State/Zii Code	I Hone iva	DCI	
DUIDLIDINI TOTAL - Find	ol rocult (19/10	/2022 10·	12 AAA EDT)			
BILIRUBIN, TOTAL - Fina	Il resuit (10/10/	/2022 10: Ref	13 AIVI EUT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	4	<=15			EORLA	
		umol/L				
	Anatomical Loc	ation /	Collection Method /	C !! .: T		
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	Collection Ti 18/10/2022		Received Time 18/10/2022 10:42 AM
biood (biood, verious)				EDT	10.13 AW	EDT
	D 1. T					
Authorizing Provider Arif Ali Awan	Result Type  LAB BLOOD OR	DERABLES				
Alli Ali Awali	LAD BLOOD ON	DLIVADLLS				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) ALBUMIN -	Final result (18,		10:13 AM EDT)	A 1 .	D ( 1	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Albumin	38 (L)	39 - 47			EORLA	- aunorogist orginature
		g/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)				18/10/2022 EDT	10:13 AM	18/10/2022 10:42 AM EDT
				LDI		LUI
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) ELECTROLY	TE PANEL (ELEC	TROLYTES	s) - Final result (18/10/2	2022 10:13 AM	EDT)	
Commonant	Value	Ref	Test Method	Analysis Time	Performed At	Dath alogist Cignoture
Component Na	136	Range 136 - 144		Time	EORLA	Pathologist Signature
	150	mmol/L			LONEA	
К	4.8	3.5 - 5.1			EORLA	
CI	97 (L)	mmol/L 98 - 107			EORLA	
Ci	97 (L)	mmol/L			EUNLA	
CO2	30	19 - 30			EORLA	
		mmol/L			50514	
Anion Gap	9	8 - 16 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc	ation /	Collection Method / Volume	Collection Ti	imo	Received Time
Specimen (Source) Blood	Laterality		volume	18/10/2022		18/10/2022 10:42 AM
Biood				10/10/2022	10.13 / ((1)	10, 10, 2022 10. 12 / 111

EDT	EDT
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Authorizing Provider	Result Type		
Arif Ali Awan	LAB BLOOD ORDERABLES		
Desference Outside disc	Aulalasa	C'I (Class /7ID Casta	Discount of the second
Performing Organization	Address	City/State/ZIP Code	Phone Number
EORLA			

### (ABNORMAL) EGFR - Final result (05/10/2022 9:25 AM EDT)

Component	Value	Ref Range Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	101 (H)	62 - 100 umol/L		EORLA	
EGFR (CKD-EPI)	66 (L)	>=90 mL/min/1.73 m^2		EORLA	

### Comment:

An eGFR result between 60-89 mL/min/1.73 m^2 is consistent with mildly decreased kidney function. However, in the absence of other evidence of kidney disease, eGFR values in this range do not fulfil the KDIGO criteria for chronic kidney

disease. Interpret results in concert with ACR measurement.

eGFR is calculated based on the CKD-EPI equation (Ann Intern Med. 2009 May 5;150(9):604-12) from sex, age, and creatinine without taking into account race or ancestry. This calculation is limited and does not necessarily apply to children,

elderly and transgender people, extremes of body mass, those with loss of limb, those on diets with extremes of meat content, and medications that affect creatinine concentration, such as sulphamethoxazole, trimethoprim, H2-antagonists, and

fenofibrate.

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			05/10/2022 9:25 AM EDT	05/10/2022 9:41 AM EDT
Authorizing Provider	Result Type			
Arif Ali Awan	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

# PHOSPHATE - Final result (05/10/2022 9:25 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
PO4	0.89	0.78 - 1.38 mmol/L			EORLA	
Specimen (Source)	Anatomical Laterality	ocation /	Collection Method / Volume	Collection <sup>2</sup>	Time	Received Time
Blood				05/10/2022	2 9:25 AM EDT	05/10/2022 9:41 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD (	ORDERABLES	S			

City/State/ZIP Code

Phone Number

# GLUCOSE RANDOM - Final result (05/10/2022 9:25 AM EDT)

Performing Organization Address

**EORLA** 

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	6.9	4.0 - 11.0 mmol/L			EORLA	
	Anatomical Loc	ration /	Collection Method /			
Specimen (Source)	Laterality	lation /	Volume	Collection T	ime	Received Time
Blood				05/10/2022	9:25 AM EDT	05/10/2022 9:41 AM EDT
Authorizing Provider Arif Ali Awan	Result Type  LAB BLOOD OF	DEDARIEC				
Arit Ali Awan	LAB BLOOD OF	(DEKABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) AUTOMAT		<b>AL - Final ro</b> Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	6.0	2.0 - 7.5 x10^9/L			EORLA	
Lymphocyte	0.7 (L)	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.5	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.1	0.0 - 0.5 x10^9/L			EORLA	
Basophil	0.1	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.1	<=0.1 x10^9/L			EORLA	
		/				
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood						05/10/2022 9:42 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
EORLA	Address		City/State/Zir Code	FIIOTIE INUITI	Dei	
LOKEX						
(ABNORMAL) CBC - Final	result (05/10/2		M EDT)			
Component	Value	Ref	Test Method	Analysis Time	Performed	Pathologist Cianatura
Component WBC	7.5	Range 3.5 - 10.5	rest Method	Time	At EORLA	Pathologist Signature
		x10^9/L				
RBC	3.86 (L)	4.00 - 5.50 x10^12/L			EORLA	
НGВ	115 (L)	125 - 170 g/L			EORLA	
НСТ	0.361 (L)	0.380 - 0.500 L/L			EORLA	
MCV	93.5	80.0 - 100.0 fL			EORLA	
МСН	29.8	27.0 - 34.0 pg			EORLA	
МСНС	319	315 - 355			EORLA	

		g/L				
RDW	12.7	11.5 - 15.5 %			EORLA	
Plat	346	130 - 380 x10^9/L			EORLA	
MPV	8.6 (L)	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Lateranty		Volume			05/10/2022 9:42 AM EDT
				,,		,,
Authorizing Provider	Result Type	DED 4 DI EC				
Arif Ali Awan	LAB BLOOD OR	DEKARLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ALT - Final result (05/10  Component	)/2022 9:25 Alv Value	1 EDT) Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	14	12 - 49			EORLA	
		U/L				
	Anatomical Loc	ation /	Collection Method /			
		,				
Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume			05/10/2022 9:41 AM EDT
Blood (Blood, Venous)			Volume			
Blood (Blood, Venous)	Result Type  LAB BLOOD OR	DERABLES	Volume			
Blood (Blood, Venous)  Authorizing Provider  Arif Ali Awan	Result Type  LAB BLOOD OR	DERABLES		05/10/2022	9:25 AM EDT	
Blood (Blood, Venous)  Authorizing Provider  Arif Ali Awan  Performing Organization	Result Type  LAB BLOOD OR	DERABLES	Volume  City/State/ZIP Code		9:25 AM EDT	
Blood (Blood, Venous)  Authorizing Provider  Arif Ali Awan	Result Type  LAB BLOOD OR	DERABLES		05/10/2022	9:25 AM EDT	
Blood (Blood, Venous)  Authorizing Provider  Arif Ali Awan  Performing Organization  EORLA	Result Type  LAB BLOOD OR  Address		City/State/ZIP Code	05/10/2022	9:25 AM EDT	
Blood (Blood, Venous)  Authorizing Provider  Arif Ali Awan  Performing Organization	Result Type  LAB BLOOD OR  Address	022 9:25 A	City/State/ZIP Code	05/10/2022 Phone Num	9:25 AM EDT	
Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AST - Final	Result Type  LAB BLOOD OR  Address  result (05/10/2	<b>022 9:25 A</b> Ref	City/State/ZIP Code  M EDT)	Phone Num  Analysis	9:25 AM EDT ber Performed	05/10/2022 9:41 AM EDT
Blood (Blood, Venous)  Authorizing Provider  Arif Ali Awan  Performing Organization  EORLA	Result Type  LAB BLOOD OR  Address	022 9:25 A	City/State/ZIP Code	05/10/2022 Phone Num	9:25 AM EDT	
Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AST - Final Component	Result Type  LAB BLOOD OR  Address  result (05/10/2  Value  10 (L)	<b>022 9:25 A</b> Ref Range 12 - 29 U/L	City/State/ZIP Code  M EDT)  Test Method	Phone Num  Analysis	9:25 AM EDT  ber  Performed At	05/10/2022 9:41 AM EDT
Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AST - Final  Component AST	Result Type  LAB BLOOD OR  Address  result (05/10/2  Value  10 (L)  Anatomical Loc	<b>022 9:25 A</b> Ref Range 12 - 29 U/L	City/State/ZIP Code  M EDT)  Test Method  Collection Method /	Phone Num  Analysis Time	9:25 AM EDT  ber  Performed At  EORLA	05/10/2022 9:41 AM EDT  Pathologist Signature
Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AST - Final Component	Result Type  LAB BLOOD OR  Address  result (05/10/2  Value  10 (L)	<b>022 9:25 A</b> Ref Range 12 - 29 U/L	City/State/ZIP Code  M EDT)  Test Method	Phone Num  Analysis Time  Collection Time	9:25 AM EDT  ber  Performed At  EORLA	05/10/2022 9:41 AM EDT
Blood (Blood, Venous)  Authorizing Provider  Arif Ali Awan  Performing Organization  EORLA  (ABNORMAL) AST - Final  Component  AST  Specimen (Source)  Blood (Blood, Venous)	Result Type  LAB BLOOD OR  Address  result (05/10/2  Value  10 (L)  Anatomical Local Laterality	<b>022 9:25 A</b> Ref Range 12 - 29 U/L	City/State/ZIP Code  M EDT)  Test Method  Collection Method /	Phone Num  Analysis Time  Collection Time	9:25 AM EDT  ber  Performed At  EORLA	05/10/2022 9:41 AM EDT  Pathologist Signature  Received Time
Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AST - Final  Component AST  Specimen (Source) Blood (Blood, Venous) Authorizing Provider	Result Type  LAB BLOOD OR  Address  result (05/10/2  Value  10 (L)  Anatomical Loc Laterality  Result Type	022 9:25 A Ref Range 12 - 29 U/L	City/State/ZIP Code  M EDT)  Test Method  Collection Method /	Phone Num  Analysis Time  Collection Time	9:25 AM EDT  ber  Performed At  EORLA	05/10/2022 9:41 AM EDT  Pathologist Signature  Received Time
Blood (Blood, Venous)  Authorizing Provider  Arif Ali Awan  Performing Organization  EORLA  (ABNORMAL) AST - Final  Component  AST  Specimen (Source)  Blood (Blood, Venous)	Result Type  LAB BLOOD OR  Address  result (05/10/2  Value  10 (L)  Anatomical Local Laterality	022 9:25 A Ref Range 12 - 29 U/L	City/State/ZIP Code  M EDT)  Test Method  Collection Method /	Phone Num  Analysis Time  Collection Time	9:25 AM EDT  ber  Performed At  EORLA	05/10/2022 9:41 AM EDT  Pathologist Signature  Received Time
Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AST - Final  Component AST  Specimen (Source) Blood (Blood, Venous) Authorizing Provider	Result Type  LAB BLOOD OR  Address  result (05/10/2  Value  10 (L)  Anatomical Local Laterality  Result Type  LAB BLOOD OR	022 9:25 A Ref Range 12 - 29 U/L	City/State/ZIP Code  M EDT)  Test Method  Collection Method /	Phone Num  Analysis Time  Collection Time	9:25 AM EDT  ber  Performed At  EORLA  ime 9:25 AM EDT	05/10/2022 9:41 AM EDT  Pathologist Signature  Received Time
Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AST - Final  Component AST  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan	Result Type  LAB BLOOD OR  Address  result (05/10/2  Value  10 (L)  Anatomical Local Laterality  Result Type  LAB BLOOD OR	022 9:25 A Ref Range 12 - 29 U/L	City/State/ZIP Code  M EDT)  Test Method  Collection Method / Volume	Phone Num  Analysis Time  Collection Ti 05/10/2022	9:25 AM EDT  ber  Performed At  EORLA  ime 9:25 AM EDT	05/10/2022 9:41 AM EDT  Pathologist Signature  Received Time
Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AST - Final  Component AST  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization	Result Type  LAB BLOOD OR  Address  result (05/10/2  Value  10 (L)  Anatomical Local Laterality  Result Type  LAB BLOOD OR	022 9:25 A Ref Range 12 - 29 U/L	City/State/ZIP Code  M EDT)  Test Method  Collection Method / Volume	Phone Num  Analysis Time  Collection Ti 05/10/2022	9:25 AM EDT  ber  Performed At  EORLA  ime 9:25 AM EDT	05/10/2022 9:41 AM EDT  Pathologist Signature  Received Time
Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AST - Final  Component AST  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization EORLA	Result Type  LAB BLOOD OR  Address  result (05/10/2  Value  10 (L)  Anatomical Loc Laterality  Result Type  LAB BLOOD OR  Address	O22 9:25 A Ref Range 12 - 29 U/L ration /	City/State/ZIP Code  M EDT)  Test Method  Collection Method / Volume  City/State/ZIP Code	Phone Num  Analysis Time  Collection Ti 05/10/2022	9:25 AM EDT  ber  Performed At  EORLA  ime 9:25 AM EDT	05/10/2022 9:41 AM EDT  Pathologist Signature  Received Time
Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization EORLA  (ABNORMAL) AST - Final  Component AST  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Arif Ali Awan  Performing Organization	Result Type  LAB BLOOD OR  Address  result (05/10/2  Value  10 (L)  Anatomical Loc Laterality  Result Type  LAB BLOOD OR  Address	O22 9:25 A Ref Range 12 - 29 U/L ration /	City/State/ZIP Code  M EDT)  Test Method  Collection Method / Volume  City/State/ZIP Code	Phone Num  Analysis Time  Collection Ti 05/10/2022	9:25 AM EDT  ber  Performed At  EORLA  ime 9:25 AM EDT	05/10/2022 9:41 AM EDT  Pathologist Signature  Received Time

Protein Total	73	63 - 75 g/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)						05/10/2022 9:41 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
			C'. (C (71D.C. )			
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
LOKEN						
ALKALINE PHOSPHATA	CE Einal rocul	+ (OE /10 /	2022 0:25 AM EDT)			
ALKALINE FITOSFITATA	SL - Hillal lesul	Ref	2022 3.23 AIVI LDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	90	50 - 112 U/L			EORLA	
G : (G )	Anatomical Loc	ation /	Collection Method /			D
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	Collection T		Received Time 05/10/2022 9:41 AM EDT
blood (blood, verious)				03/10/2022	J.ZJ AIVI LDT	03/10/2022 3.41 ANI EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) MAGNESIU	M - Final result	-	22 9:25 AM EDT)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.63 (L)	0.66 -			EORLA	
		1.07 mmol/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				05/10/2022	9:25 AM EDT	05/10/2022 9:41 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
CALCIUM - Final result (	(05/10/2022 9:2	25 AM ED	OT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Ca	2.37	2.24 - 2.58 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Lateranty		VOIGITIE			05/10/2022 9:41 AM EDT
Authorizing Provider	Result Type					

	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
BILIRUBIN, TOTAL - Fina	al result (05/10/	/2022 9:2!	5 AM EDT)			
	•	Ref	,	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	4	<=15			EORLA	
		umol/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				05/10/2022	9:25 AM EDT	05/10/2022 9:41 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABI ES				
7 7 7	L (3 52005 0.1	<i>D</i>				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ALBUMIN - Final result	(05/10/2022 9:	25 AM FΓ	OT)			
7 LESCHMIT THICK TO GATE	(03) 10, 2022 3.	Ref	,	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Albumin	40	39 - 47			EORLA	
		g/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				05/10/2022	9:25 AM EDT	05/10/2022 9:41 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
	Address		City/State/ZIP Code	Phone Num	ber	
				022 9:25 AM E	EDT)	
EORLA  (ABNORMAL) ELECTROLY	/TE PANEL (ELEC	Ref	5) - Final result (05/10/20	<b>022 9:25 AM E</b> Analysis	E <b>DT)</b> Performed	Dathala sist Signatura
(ABNORMAL) ELECTROLY Component	<b>/TE PANEL (ELEC</b> Value	Ref Range	5) - Final result (05/10/20 Test Method	022 9:25 AM E	E <b>DT)</b> Performed At	Pathologist Signature
EORLA  (ABNORMAL) ELECTROLY	/TE PANEL (ELEC	Ref	5) - Final result (05/10/20 Test Method	<b>022 9:25 AM E</b> Analysis	E <b>DT)</b> Performed	Pathologist Signature
(ABNORMAL) ELECTROLY Component	<b>/TE PANEL (ELEC</b> Value	Ref Range 136 - 144	5) - Final result (05/10/20 Test Method	<b>022 9:25 AM E</b> Analysis	E <b>DT)</b> Performed At	Pathologist Signature
Component Na  K	Value 138 4.8	Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L	5) - Final result (05/10/20 Test Method	<b>022 9:25 AM E</b> Analysis	Performed At EORLA	Pathologist Signature
(ABNORMAL) ELECTROLY  Component  Na	<b>/TE PANEL (ELEC</b> Value 138	Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L 98 - 107	5) - Final result (05/10/20 Test Method	<b>022 9:25 AM E</b> Analysis	Performed At EORLA	Pathologist Signature
Component Na  K CI	Value 138 4.8	Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L 98 - 107 mmol/L	5) - Final result (05/10/20 Test Method	<b>022 9:25 AM E</b> Analysis	Performed At EORLA EORLA	Pathologist Signature
Component Na  K	Value 138 4.8	Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L 98 - 107	5) - Final result (05/10/20 Test Method	<b>022 9:25 AM E</b> Analysis	Performed At EORLA	Pathologist Signature
Component Na  K CI	Value 138 4.8	Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L 98 - 107 mmol/L 19 - 30	5) - Final result (05/10/20 Test Method	<b>022 9:25 AM E</b> Analysis	Performed At EORLA EORLA	Pathologist Signature
Component Na  K Cl CO2	Value 138 4.8 98 32 (H)	Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L 98 - 107 mmol/L 19 - 30 mmol/L	5) - Final result (05/10/20 Test Method	<b>022 9:25 AM E</b> Analysis	Performed At EORLA EORLA EORLA EORLA	Pathologist Signature
Component Na  K Cl CO2	Value 138 4.8 98 32 (H)	Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L 98 - 107 mmol/L 19 - 30 mmol/L 8 - 16 mmol/L	S) - Final result (05/10/20) Test Method	<b>022 9:25 AM E</b> Analysis	Performed At EORLA EORLA EORLA EORLA	Pathologist Signature
Component Na  K Cl CO2	Value 138 4.8 98 32 (H)	Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L 98 - 107 mmol/L 19 - 30 mmol/L 8 - 16 mmol/L	5) - Final result (05/10/20 Test Method	<b>022 9:25 AM E</b> Analysis	Performed At EORLA EORLA EORLA EORLA EORLA	Pathologist Signature  Received Time
Component Na  K Cl CO2 Anion Gap	Value 138 4.8 98 32 (H) 8	Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L 98 - 107 mmol/L 19 - 30 mmol/L 8 - 16 mmol/L	Test Method  Collection Method /	O22 9:25 AM E Analysis Time  Collection T	Performed At EORLA EORLA EORLA EORLA	
Component Na  K Cl CO2 Anion Gap  Specimen (Source) Blood	Value 138 4.8 98 32 (H) 8 Anatomical Loc Laterality	Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L 98 - 107 mmol/L 19 - 30 mmol/L 8 - 16 mmol/L	Test Method  Collection Method /	O22 9:25 AM E Analysis Time  Collection T	Performed At EORLA EORLA EORLA EORLA	Received Time
Component Na  K Cl CO2 Anion Gap  Specimen (Source)	Value 138 4.8 98 32 (H) 8	Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L 98 - 107 mmol/L 19 - 30 mmol/L 8 - 16 mmol/L ation /	Test Method  Collection Method /	O22 9:25 AM E Analysis Time  Collection T	Performed At EORLA EORLA EORLA EORLA	Received Time

Performing Organiza	ation Address	City/State/Z	IP Code	Phone Number	
EORLA					
   ECG 12-LEAD - Fina	al result (26/09/2022 11:10 A	AM EDT)			
		Ref		Analysis	Performed Pathologist
Component	Value	Range	Test Method		At Signature
Heart Rate	96				TOH PHILIPS ECG
RR Interval	624				TOH PHILIPS ECG
Atrial Rate	96				TOH PHILIPS ECG
PR Interval	154				TOH PHILIPS ECG
P Duration	100				TOH PHILIPS ECG
P Horizontal Axis	-7				TOH PHILIPS ECG
P Front Axis	73				TOH PHILIPS ECG
Q Onset	499				TOH PHILIPS ECG
QRSD Interval	90				TOH PHILIPS ECG
QT Interval	338				TOH PHILIPS ECG
QTcB	428				TOH PHILIPS ECG
QTcF	395				TOH PHILIPS ECG
QRS Horizontal Axis	12				TOH PHILIPS ECG
QRS Axis	-15				TOH PHILIPS ECG
I-40 Horizontal Axis	45				TOH PHILIPS ECG
I-40 Front Axis	7				TOH PHILIPS ECG
T-40 Horizontal Axis	-18				TOH PHILIPS ECG
T-40 Front Axis	78				TOH PHILIPS

					ECG	
T Horizontal Axis	27				TOH	
					PHILIP	S
					ECG	
T Wave Axis	57				TOH	c
					PHILIP ECG	5
S-T Horizontal Axis	45				TOH	
3-1 Honzontal Axis	40				PHILIP	S
					ECG	
S-T Front Axis	58				TOH	
					PHILIP	S
					ECG	
ECG Severity	- OTHERWISE NOF	RMAL ECG -			TOH PHILIP	c
					ECG	3
TOHFM Link	TOHFM/20220930	/TRACEMAS	STER-		TOH	
	185e35af-659a-40		· · <del>- · ·</del>		PHILIP	S
	05f99a996e68.PDF				ECG	
	A 1 1 - 1 - 1		Callagia - NACC			
Specimen (Source)	Anatomical L Laterality	ocation /	Collection Method / Volume	Collection 1	Timo	Received Time
Specimen (Source)	Lateranty		voluttle	26/09/2022		Received Time
				EDT	11.10 AW	
Narrative						
This result has	an attachment	that is	not available.			
Authorizing Provider	Result Type					
Authorizing Provider Arif Ali Awan	Result Type ECG ORDERA	ABLES				
Arif Ali Awan	ECG ORDERA	ABLES				
Arif Ali Awan  Performing Organizat	ECG ORDERA	ABLES	City/State/ZIP Code	Phone Nun	nber	
Arif Ali Awan	ECG ORDERA	ABLES	City/State/ZIP Code	Phone Nun	nber	
Arif Ali Awan  Performing Organizat	ECG ORDERA	ABLES	City/State/ZIP Code	Phone Nun	nber	
Arif Ali Awan  Performing Organizat  TOH PHILIPS ECG	ECG ORDERA	-		Phone Num	nber	
Arif Ali Awan  Performing Organizat	ECG ORDERA	-			nber Performed	
Arif Ali Awan  Performing Organizat  TOH PHILIPS ECG	ECG ORDERA	22 11:00 AI		Phone Num Analysis Time		Pathologist Signature
Arif Ali Awan  Performing Organizat  TOH PHILIPS ECG  URINALYSIS - Final r	ECG ORDERA ion Address result (26/09/202	22 11:00 Al Ref	M EDT)	Analysis	Performed	Pathologist Signature
Arif Ali Awan  Performing Organizat  TOH PHILIPS ECG  URINALYSIS - Final r  Component	ECG ORDERA ion Address  result (26/09/202) Value	22 11:00 Al Ref	M EDT)	Analysis	Performed At	Pathologist Signature
Arif Ali Awan  Performing Organizat TOH PHILIPS ECG  URINALYSIS - Final r  Component Colour Urine	ECG ORDERA ion Address  result (26/09/202  Value  Yellow	22 11:00 Al Ref	M EDT)	Analysis	Performed At EORLA	Pathologist Signature
Arif Ali Awan  Performing Organizat TOH PHILIPS ECG  URINALYSIS - Final r  Component Colour Urine Appearance Urine	ECG ORDERA ion Address  result (26/09/202  Value  Yellow Clear	22 11:00 Al Ref	M EDT)	Analysis	Performed At EORLA EORLA	Pathologist Signature
Arif Ali Awan  Performing Organizat TOH PHILIPS ECG  URINALYSIS - Final r  Component Colour Urine Appearance Urine Glucose Urine	esult (26/09/202  Value  Yellow  Clear  Negative	22 11:00 Al Ref	M EDT)	Analysis	Performed At EORLA EORLA EORLA	Pathologist Signature
Arif Ali Awan  Performing Organizat TOH PHILIPS ECG  URINALYSIS - Final r  Component Colour Urine Appearance Urine Glucose Urine Bilirubin Urine	esult (26/09/202  Value  Yellow  Clear  Negative  Negative	22 11:00 Al Ref Range 1.005 -	M EDT)	Analysis	Performed At EORLA EORLA EORLA	Pathologist Signature
Arif Ali Awan  Performing Organizat TOH PHILIPS ECG  URINALYSIS - Final r  Component Colour Urine Appearance Urine Glucose Urine Bilirubin Urine Ketones Urine Specific Gravity Urine	ECG ORDERA ion Address  result (26/09/202  Value  Yellow  Clear  Negative  Negative  Negative  1.022	22 11:00 Al Ref Range	M EDT)	Analysis	Performed At EORLA EORLA EORLA EORLA EORLA	Pathologist Signature
Arif Ali Awan  Performing Organizat TOH PHILIPS ECG  URINALYSIS - Final r  Component Colour Urine Appearance Urine Glucose Urine Bilirubin Urine Ketones Urine Specific Gravity Urine Blood Urine	ECG ORDERA ion Address  result (26/09/202  Value Yellow Clear Negative Negative Negative 1.022  Negative	22 11:00 Al Ref Range 1.005 -	M EDT)	Analysis	Performed At EORLA EORLA EORLA EORLA EORLA	Pathologist Signature
Arif Ali Awan  Performing Organizat TOH PHILIPS ECG  URINALYSIS - Final r  Component Colour Urine Appearance Urine Glucose Urine Bilirubin Urine Ketones Urine Specific Gravity Urine  Blood Urine pH Urine	ECG ORDERA ion Address  result (26/09/202  Value Yellow Clear Negative Negative Negative 1.022  Negative 7.0	22 11:00 Al Ref Range 1.005 -	M EDT)	Analysis	Performed At EORLA EORLA EORLA EORLA EORLA EORLA	Pathologist Signature
Arif Ali Awan  Performing Organizat TOH PHILIPS ECG  URINALYSIS - Final r  Component Colour Urine Appearance Urine Glucose Urine Bilirubin Urine Ketones Urine Specific Gravity Urine Blood Urine pH Urine Protein Urine	ECG ORDERA ion Address  result (26/09/202  Value Yellow Clear Negative Negative Negative 1.022  Negative 7.0 Negative	22 11:00 Al Ref Range 1.005 -	M EDT)	Analysis	Performed At EORLA EORLA EORLA EORLA EORLA EORLA EORLA	Pathologist Signature
Arif Ali Awan  Performing Organizat TOH PHILIPS ECG  URINALYSIS - Final r  Component Colour Urine Appearance Urine Glucose Urine Bilirubin Urine Ketones Urine Specific Gravity Urine  Blood Urine pH Urine Protein Urine Urobilinogen Urine	ECG ORDERA ion Address  result (26/09/202  Value Yellow Clear Negative Negative Negative 1.022  Negative 7.0 Negative Normal	22 11:00 Al Ref Range 1.005 -	M EDT)	Analysis	Performed At EORLA EORLA EORLA EORLA EORLA EORLA EORLA EORLA	Pathologist Signature
Arif Ali Awan  Performing Organizat TOH PHILIPS ECG  URINALYSIS - Final r  Component Colour Urine Appearance Urine Glucose Urine Bilirubin Urine Ketones Urine Specific Gravity Urine  Blood Urine pH Urine Protein Urine Urobilinogen Urine Nitrite Urine	ECG ORDERA ion Address  result (26/09/202  Value Yellow Clear Negative Negative Negative 1.022  Negative 7.0 Negative Normal Negative	22 11:00 Al Ref Range 1.005 -	M EDT)	Analysis	Performed At EORLA EORLA EORLA EORLA EORLA EORLA EORLA EORLA EORLA	Pathologist Signature
Arif Ali Awan  Performing Organizat TOH PHILIPS ECG  URINALYSIS - Final r  Component Colour Urine Appearance Urine Glucose Urine Bilirubin Urine Ketones Urine Specific Gravity Urine  Blood Urine pH Urine Protein Urine Urobilinogen Urine Nitrite Urine Leukocyte Esterase Urine	ECG ORDERA ion Address  result (26/09/202  Value Yellow Clear Negative Negative Negative 1.022  Negative 7.0 Negative Normal Negative Negative Normal Negative	22 11:00 Al Ref Range 1.005 - 1.030	M EDT)	Analysis	Performed At EORLA EORLA EORLA EORLA EORLA EORLA EORLA EORLA EORLA EORLA	Pathologist Signature
Arif Ali Awan  Performing Organizat TOH PHILIPS ECG  URINALYSIS - Final r  Component Colour Urine Appearance Urine Glucose Urine Bilirubin Urine Ketones Urine Specific Gravity Urine  Blood Urine pH Urine Protein Urine Urobilinogen Urine Nitrite Urine Leukocyte Esterase Urine Urine Microscopy	ECG ORDERA ion Address  result (26/09/202  Value Yellow Clear Negative Negative Negative 1.022  Negative 7.0 Negative Normal Negative rine Negative Not Performe	22 11:00 Al Ref Range 1.005 - 1.030	M EDT)  Test Method	Analysis Time	Performed At EORLA	
Arif Ali Awan  Performing Organizat TOH PHILIPS ECG  URINALYSIS - Final r  Component Colour Urine Appearance Urine Glucose Urine Bilirubin Urine Ketones Urine Specific Gravity Urine  Blood Urine pH Urine Protein Urine Urobilinogen Urine Nitrite Urine Leukocyte Esterase Urine Urine Microscopy Comment: Microsco	ECG ORDERA ion Address  result (26/09/202  Value Yellow Clear Negative Negative Negative 1.022  Negative 7.0 Negative Normal Negative rine Negative Not Performe	22 11:00 Al Ref Range 1.005 - 1.030	M EDT)	Analysis Time	Performed At EORLA	
Arif Ali Awan  Performing Organizat TOH PHILIPS ECG  URINALYSIS - Final r  Component Colour Urine Appearance Urine Glucose Urine Bilirubin Urine Ketones Urine Specific Gravity Urine  Blood Urine pH Urine Protein Urine Urobilinogen Urine Nitrite Urine Leukocyte Esterase Urine Urine Microscopy	ECG ORDERA ion Address  result (26/09/202  Value Yellow Clear Negative Negative Negative 1.022  Negative 7.0 Negative Normal Negative rine Negative Not Performe	22 11:00 Al Ref Range 1.005 - 1.030	M EDT)  Test Method	Analysis Time	Performed At EORLA	
Arif Ali Awan  Performing Organizat TOH PHILIPS ECG  URINALYSIS - Final r  Component Colour Urine Appearance Urine Glucose Urine Bilirubin Urine Ketones Urine Specific Gravity Urine  Blood Urine pH Urine Protein Urine Urobilinogen Urine Nitrite Urine Leukocyte Esterase Urine Urine Microscopy Comment: Microsco	result (26/09/202  Value Yellow Clear Negative Negative 1.022  Negative 7.0 Negative Normal Negative Normal Negative Normal Negative rine Negative Not Performe pic examination no	22 11:00 Al Ref Range 1.005 - 1.030	M EDT)  Test Method  d as chemical testing (blo	Analysis Time	Performed At EORLA	
Arif Ali Awan  Performing Organizat TOH PHILIPS ECG  URINALYSIS - Final r  Component Colour Urine Appearance Urine Glucose Urine Bilirubin Urine Ketones Urine Specific Gravity Urine  Blood Urine pH Urine Protein Urine Urobilinogen Urine Nitrite Urine Leukocyte Esterase Urine Urine Microscopy Comment: Microsco	ECG ORDERA ion Address  result (26/09/202  Value Yellow Clear Negative Negative Negative 1.022  Negative 7.0 Negative Normal Negative rine Negative Not Performe	22 11:00 Al Ref Range 1.005 - 1.030	M EDT)  Test Method	Analysis Time	Performed At EORLA	

EDT	EDT
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Authorizing Provider	Result Type		
Arif Ali Awan	LAB URINE ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
FORI A			

### (ABNORMAL) EGFR - Final result (26/09/2022 10:55 AM EDT)

Component Creatinine	Value 95	Ref Range Test Method 62 - 100 umol/L	Analysis Time	Performed At EORLA	Pathologist Signature
EGFR (CKD-EPI)	71 (L)	>=90 mL/min/1.73 m^2		EORLA	

### Comment:

An eGFR result between 60-89 mL/min/1.73 m/2 is consistent with mildly decreased kidney function. However, in the absence of other evidence of kidney disease, eGFR values in this range do not fulfil the KDIGO criteria for chronic kidney

disease. Interpret results in concert with ACR measurement.

eGFR is calculated based on the CKD-EPI equation (Ann Intern Med. 2009 May 5;150(9):604-12) from sex, age, and creatinine without taking into account race or ancestry. This calculation is limited and does not necessarily apply to children,

elderly and transgender people, extremes of body mass, those with loss of limb, those on diets with extremes of meat content, and medications that affect creatinine concentration, such as sulphamethoxazole, trimethoprim, H2-antagonists, and

fenofibrate.

Performing Organization Address

**EORLA** 

	Anatomical Location /	Collection Method /		
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
Blood (Blood, Venous)			26/09/2022 10:55 AM EDT	26/09/2022 11:13 AM EDT
Authorizing Provider	Result Type			
Arif Ali Awan	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

PHOSPHATE - Final res	sult (26/09/202	22 10:55 A	M EDT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
PO4	1.02	0.78 - 1.38 mmol/L			EORLA	
Specimen (Source)	Anatomical Lo	ocation /	Collection Method / Volume	Collection <sup>-</sup>	Гime	Received Time
Blood				26/09/2022 EDT	2 10:55 AM	26/09/2022 11:13 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD C	RDERABLES	5			

City/State/ZIP Code

Phone Number

		Ref		Analysis	Performed	Bull I de C
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	6.2	4.0 - 11.0 mmol/L			EORLA	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood				26/09/2022 EDT	. 10:55 AM	26/09/2022 11:13 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
AUTOMATED DIFFEREN  Component  Neutrophil	ITIAL - Final re Value 7.5	esult (26/09 Ref Range 2.0 - 7.5	9/2022 10:55 AM EDT) Test Method	Analysis Time	Performed At EORLA	Pathologist Signature
·		x10^9/L				
Lymphocyte	1.0	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.7	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.2	0.0 - 0.5 x10^9/L			EORLA	
Basophil	0.0	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.0	<=0.1 x10^9/L			EORLA	
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection T	-ime	Received Time
Blood				26/09/2022 EDT		26/09/2022 11:14 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
ABNORMAL) CBC - Final	result (26/09/2	2022 10:55	AM FDT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	9.4	3.5 - 10.5 x10^9/L			EORLA	
RBC	3.79 (L)	4.00 - 5.50 x10^12/L			EORLA	
	115 (L)	125 - 170			EORLA	
HGB	115 (L)					
HGB HCT	0.359 (L)	g/L 0.380 - 0.500 L/L			EORLA	

		100.0 fL				
МСН	30.3	27.0 - 34.0 pg			EORLA	
MCHC	320	315 - 355 g/L			EORLA	
RDW	13.0	11.5 - 15.5 %			EORLA	
Plat	343	130 - 380 x10^9/L			EORLA	
MPV	8.6 (L)	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
Specimen (Specimen)	Anatomical Loc	cation /	Collection Method / Volume	Collection T	:	Received Time
Specimen (Source) Blood (Blood, Venous)	Laterality		volume	26/09/2022 EDT		26/09/2022 11:14 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	RDERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
URIC ACID (URATE) - Fil	nal result (26/0	)9/2022 1 Ref	0:55 AM EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Uric Acid	270	208 - 400 umol/L			EORLA	
Consider on (Course)	Anatomical Loc	cation /	Collection Method /	Collection T	•	Descined Times
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	26/09/2022 EDT		26/09/2022 11:13 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
BUN (UREA) - Final resu		Ref		Analysis	Performed	Dathologist Signature
Component Urea	Value 6.0	Range 3.3 - 8.9	Test Method	Time	At EORLA	Pathologist Signature
Olea		mmol/L			LORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Lateranty		VOIGITIC	26/09/2022		
				EDT		26/09/2022 11:13 AM EDT
Authorizing Provider	Result Type					

10:55 AM EDTREF Rang 12 - 4 U/L mical Location / lity  Type LOOD ORDERAE SS  10:55 AM EDTREF	Test Method  Collection Method / Volume  BLES  City/State/ZIP Code	Analysis Time  Collection 26/09/2022 EDT  Phone Nur	2 10:55 AM	Pathologist Signature  Received Time  26/09/2022 11:13 AM EDT	
Ref Rang 12 - 4 U/L mical Location / lity Type LOOD ORDERAE	Test Method  Collection Method / Volume  BLES  City/State/ZIP Code	Collection 26/09/2022 EDT	At EORLA Time 2 10:55 AM	Received Time 26/09/2022 11:13 AM	
Ref Rang 12 - 4 U/L mical Location / lity Type LOOD ORDERAE	Test Method  Collection Method / Volume  BLES  City/State/ZIP Code	Collection 26/09/2022 EDT	At EORLA Time 2 10:55 AM	Received Time 26/09/2022 11:13 AM	
Ref Rang 12 - 4 U/L mical Location / lity Type LOOD ORDERAE	Test Method  Collection Method / Volume  BLES  City/State/ZIP Code	Collection 26/09/2022 EDT	At EORLA Time 2 10:55 AM	Received Time 26/09/2022 11:13 AM	
Rang 12 - 4 U/L mical Location / lity  Type LOOD ORDERAE	/ Collection Method / Volume  BLES  City/State/ZIP Code	Collection 26/09/2022 EDT	At EORLA Time 2 10:55 AM	Received Time 26/09/2022 11:13 AM	
12 - 4 U/L mical Location / lity  Type LOOD ORDERAE	/ Collection Method / Volume  BLES  City/State/ZIP Code	Collection 26/09/2022 EDT	EORLA Time 2 10:55 AM	Received Time 26/09/2022 11:13 AM	
U/L mical Location / lity  Type LOOD ORDERAE	/ Collection Method / Volume  BLES  City/State/ZIP Code	26/09/2022 EDT	Time 2 10:55 AM	26/09/2022 11:13 AM	
mical Location / lity  Type  LOOD ORDERAE  SSS  10:55 AM ED	Volume  BLES  City/State/ZIP Code	26/09/2022 EDT	2 10:55 AM	26/09/2022 11:13 AM	
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Type LOOD ORDERAE ess	BLES  City/State/ZIP Code	26/09/2022 EDT	2 10:55 AM	26/09/2022 11:13 AM	
LOOD ORDERAE	City/State/ZIP Code	EDT			
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U/L					
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lity	Volume	Collection		Received Time	
		26/09/2022 EDT	2 10:55 AM	26/09/2022 11:13 AM EDT	
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	0:55 AM EDT)	Α Ι '	D ( 1		
Ref Rang	e Test Method	Analysis Time	Performed At	Pathologist Signature	
63 - 7		Tillie	EORLA	ratifologist signature	
g/L	75		EURLA		
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mical Location /	/ Collection Method /				
lity	Volume	Collection	Time	Received Time	
y		26/09/2022	2 10:55 AM	26/09/2022 11:13 AM	
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ALKALINE PHOSPHATASE (ALP) - Final result (26/09/2022 10:55 AM EDT)

Ref Analysis Performed

Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	72	50 - 112			EORLA	-
		U/L				
	Amatamicalla	cotion /	Callaction Mathad /			
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Lateranty		VOIGITIE	26/09/2022		26/09/2022 11:13 AM
Blood (Blood, Vellods)				EDT	10.55 7 1111	EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
EORLA	Address		City/State/Zii Code	THORE NUM	Dei	
LOKEA						
MAGNESIUM - Final re	sult (26/09/202	22 10:55 A	M EDT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Mg	0.69	0.66 - 1.07			EORLA	
		1.07 mmol/L				
		minol, L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				26/09/2022	10:55 AM	26/09/2022 11:13 AM
				EDT		EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OI	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) LACTATE	DEHYDROGENA	SE - Final re	esult (26/09/2022 10:55	AM EDT)		
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
LD	272 (H)	99 - 186			EORLA	
		U/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality	/	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)					40 == 444	26 (00 (2022 11 12 11 1
blood (blood, verious)				26/09/2022	10:55 AM	26/09/2022 11:13 AM
blood (blood, verious)				26/09/2022 EDT	10:55 AM	26/09/2022 11:13 AM EDT
, , ,	Pocult Tuno				10:55 AM	
Authorizing Provider	Result Type	BUEDVBIEC			10:55 AM	
, , ,	Result Type LAB BLOOD OI	RDERABLES			10:55 AM	
Authorizing Provider	LAB BLOOD O	RDERABLES	City/State/ZIP Code			
Authorizing Provider Arif Ali Awan	LAB BLOOD O	RDERABLES		EDT		
Authorizing Provider Arif Ali Awan Performing Organization	LAB BLOOD O	RDERABLES		EDT		
Authorizing Provider Arif Ali Awan Performing Organization EORLA	LAB BLOOD OI Address		City/State/ZIP Code	EDT		
Authorizing Provider Arif Ali Awan Performing Organization	LAB BLOOD OI Address	0:55 AM E	City/State/ZIP Code	Phone Num	ber	
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  CALCIUM - Final result	LAB BLOOD OF Address (26/09/2022 1	0:55 AM E Ref	City/State/ZIP Code  DT)	Phone Num  Analysis	ber Performed	EDT
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  CALCIUM - Final result Component	LAB BLOOD Of Address (26/09/2022 1) Value	0:55 AM E Ref Range	City/State/ZIP Code	Phone Num	ber Performed At	
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  CALCIUM - Final result	LAB BLOOD OF Address (26/09/2022 1	0:55 AM E Ref	City/State/ZIP Code  DT)	Phone Num  Analysis	ber Performed	EDT
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  CALCIUM - Final result Component	LAB BLOOD Of Address (26/09/2022 1) Value	0:55 AM E Ref Range 2.24 -	City/State/ZIP Code  DT)	Phone Num  Analysis	ber Performed At	EDT
Authorizing Provider Arif Ali Awan  Performing Organization EORLA  CALCIUM - Final result Component	LAB BLOOD Of Address (26/09/2022 1) Value	0:55 AM E Ref Range 2.24 - 2.58 mmol/L	City/State/ZIP Code  DT)	Phone Num  Analysis	ber Performed At	EDT

Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				26/09/2022	10:55 AM	26/09/2022 11:13 AM
				EDT		EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
BILIRUBIN, TOTAL - Fina	al result (26/09)	/2022 10:5	55 AM EDT)			
		Ref		Analysis	Performed	
Component Bilirubin Total	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L			EORLA	
(C (C )	Anatomical Loc	ation /	Collection Method /	Calleatian T	•	Described Time
Specimen (Source)  Blood (Blood, Venous)	Laterality		Volume	Collection Ti 26/09/2022		Received Time 26/09/2022 11:13 AM
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Authorizing Provider	Result Type	DED 451 = 5				
Arif Ali Awan	LAB BLOOD OR	DEKARLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
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ALBUMIN - Final result	(26/09/2022 1(	).55 AN E	DT)			
ALDOMIN - Tillal lesuit	(20/03/2022 10	Ref	D1)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Albumin	39	39 - 47			EORLA	
		g/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				26/09/2022 EDT	10:55 AM	26/09/2022 11:13 AM EDT
				EDI		EDI
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
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EORLA	Audiess		City/State/ZIF Code	rnone num	אכו	
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(ABNORMAL) ELECTROLY	TE PANEL (ELEC	TROLYTES Ref	6) - Final result (26/09/2	O22 10:55 AM Analysis	<b>EDT)</b> Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	139	136 - 144			EORLA	
		mmol/L				
K	4.6	3.5 - 5.1 mmol/L			EORLA	
Cl	100	98 - 107			EORLA	
		mmol/L				
CO2	32 (H)	19 - 30			EORLA	
		mmol/L				
Anion Gap	7 (L)	8 - 16 mmol/L			EORLA	
		HIHIOI/L				

	Anatomical Location /	Collection Method /		
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
Blood			26/09/2022 10:55 AM EDT	26/09/2022 11:13 AM EDT
Authorizing Provider	Result Type			
Arif Ali Awan	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

# CT NECK W IV CONTRAST - Final result (07/09/2022 4:41 PM EDT)

Anatomical Region Neck	Laterality	Modality Computed	d Tomography	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
	-		19/09/2022 8:14 AM	EDT

### **Impressions**

# ATL POWERSCRIBE - 19/09/2022 4:36 PM EDT

Known ulcerated mass centered in the tongue base slightly more prominent from prior. Increased size of lymph nodes, including the conglomerate nodal mass in the upper right neck and enlarged metastatic soft tissue deposits as detailed above. Findings are concerning for disease progression within the neck.

Juvel Lee, PGY 3

For report clarification: rads@toh.ca

#### Narrative

# ATL POWERSCRIBE - 19/09/2022 4:36 PM EDT

CT SCAN OF THE NECK

CLINICAL HISTORY: "research"

TECHNIQUE: Axial images of the neck were obtained during IV contrast injection, using bone and soft tissue algorithms. Sagittal and coronal reformats were also obtained.

COMPARISON: August 9, 2022.

#### FINDINGS:

Ulcerated ill-defined heterogenously enhancing mass at the base of the tongue with involvement of the oral tongue, lingual surface of the epiglottis, supraglottitis and right oropharynx. This mass is difficult to measure but appears slightly more prominent from prior.

Comparable postradiation changes to the aerodigestive tract. The airway remains patent. Mild deformity of the right vocal cord similar to prior, suggestive of focal cord paralysis.

The heterogenously enhancing centrally necrotic conglomerate mass at right level II measures  $5.3 \times 3.1 \text{ cm}$  in axial dimensions, previously  $4.6 \times 2.9 \text{ cm}$ . Increased skin outpouching along the posterior aspect of this nodal mass.

Level Ia lymph node is smaller, currently 0.8 cm versus 1.3 cm prior. Right level III/IV node is larger, measuring 1.4 cm versus 1.2 cm prior.

No new enlarged cervical lymph nodes.

The two main nodular areas of enhancement previously described in the right paraspinal muscles are again seen. The more anterior lesion has increased in size, measuring  $2.5 \times 1.5 \text{ cm}$  versus  $1.3 \times 1.3 \text{ cm}$  prior. The posterior lesion is stable at 2.9 cm.

Of note, there are additional subcentimeter nodules elsewhere in the right paraspinal muscles, as seen on series 6:35 and 6:37. These were present on prior, and are more prominent on current exam though comparable in size.

The enhancing nodular lesion in the midline suboccipital muscles is not significantly changed, measuring  $2.2 \times 2.3 \text{ cm}$  versus  $2.1 \times 2.2 \text{ cm}$  previously.

Increased prominence of an ill-defined enhancing lesion under the right skull base (series 6:28). There is associated attenuation of the right internal jugular vein, slightly more prominent from prior.

Partially visualized brain parenchyma and orbits show no concerning focal abnormality. Stable minimal mucosal thickening in the right maxillary sinus. The paranasal cavities and mastoids are otherwise clear.

Stable skin thickening and fat stranding of the right aspect of the neck, in keeping with postradiation changes.

No acute or aggressive osseous lesion.

CT chest and abdomen separately reported.

Procedure Note

#### Nader Zakhari Rizk Zakhari - 19/09/2022

Formatting of this note might be different from the original.

CT SCAN OF THE NECK

CLINICAL HISTORY: "research"

TECHNIQUE: Axial images of the neck were obtained during IV contrast injection, using bone and soft tissue algorithms. Sagittal and coronal reformats were also obtained.

COMPARISON: August 9, 2022.

#### FINDINGS:

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CT chest and abdomen separately reported.

### IMPRESSION:

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Juvel Lee, PGY 3

For report clarification: rads@toh.ca

Authorizing Provider Result Type

Arif Ali Awan IMG CT PROCEDURES

CT CHEST W IV CON	TRAST - Final result (07/0	9/2022 4·41 PM FDT)		
Anatomical Region	Laterality	Modality		
Chest		Compute	d Tomography	
	Anatomical Location /	Collection Method /		
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
			12/09/2022 10:55 PM	1

City/State/ZIP Code

Phone Number

EDT

**Impressions** 

### ATL POWERSCRIBE - 12/09/2022 11:02 PM EDT

- 1. Slightly increased groundglass opacity. As previously suggested, drug reaction should be considered.
- 2. Slight increase in size of right axillary lymph node.
- 3. Otherwise no significant change.

Performing Organization Address

ATL POWERSCRIBE

For report clarification: rads@toh.ca

Narrative

# ATL POWERSCRIBE - 12/09/2022 11:02 PM EDT

CT CHEST WITH CONTRAST (ROUTINE)

INDICATION: research

COMPARISON: CT chest 8/9/2022

LUNGS & AIRWAYS: Slightly increased groundglass opacity at the right lung base (for example series 4, image 238). Similarly, groundglass opacity in the left upper lobe and lingula has also slightly increased. Other areas are comparable.

LYMPH NODES & MEDIASTINUM: Slight increase in size of right axillary node now measuring  $19 \times 35 \text{ mm}$  (previously  $19 \times 32 \text{ mm}$ ). A few borderline enlarged intrathoracic lymph nodes are comparable.

PLEURA & PERICARDIUM: Unremarkable.

CARDIOVASCULAR: Moderate aortic and severe coronary artery calcification.

ESOPHAGUS & NECK: Small hiatal hernia. CT neck reported separately.

UPPER ABDOMEN: CT abdomen reported separately.

BONES & CHEST WALL: Mild hypertrophic degenerative changes of the spine. Comparable nonaggressive sclerotic

foci of the spine.

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Procedure Note

### Anuj Sharan Dixit - 12/09/2022

Formatting of this note might be different from the original.

CT CHEST WITH CONTRAST (ROUTINE)

INDICATION: research

COMPARISON: CT chest 8/9/2022

LUNGS & AIRWAYS: Slightly increased groundglass opacity at the right lung base (for example series 4, image 238). Similarly, groundglass opacity in the left upper lobe and lingula has also slightly increased. Other areas are comparable.

LYMPH NODES & MEDIASTINUM: Slight increase in size of right axillary node now measuring 19 x 35 mm (previously 19 x 32 mm).

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ESOPHAGUS & NECK: Small hiatal hernia. CT neck reported separately.

UPPER ABDOMEN: CT abdomen reported separately.

BONES & CHEST WALL: Mild hypertrophic degenerative changes of the spine. Comparable nonaggressive sclerotic foci of the spine.

-----

### IMPRESSION:

- 1. Slightly increased groundglass opacity. As previously suggested, drug reaction should be considered.
- 2. Slight increase in size of right axillary lymph node.
- 3. Otherwise no significant change.

For report clarification: rads@toh.ca

Authorizing Provider Result Type
Arif Ali Awan IMG CT PROCEDURES

City/State/ZIP Code

Performing Organization Address
ATL POWERSCRIBE

CT ABDOMEN PELVIS W IV CONTRAST - Final result (07/09/2022 4:41 PM EDT)

Anatomical Region Laterality Modality

Body, Abdomen, Pelvis, Y Computed Tomography

Anatomical Location / Collection Method /

Specimen (Source) Laterality Volume Collection Time Received Time

09/09/2022 7:46 AM EDT

Phone Number

**Impressions** 

ATL POWERSCRIBE - 09/09/2022 7:49 AM EDT

Interval enlargement of a solitary hepatic metastasis.

For report clarification: rads@toh.ca

Narrative

ATL POWERSCRIBE - 09/09/2022 7:49 AM EDT

CT ABDOMEN & PELVIS

INDICATION: Oropharyngeal cancer, research.

TECHNIQUE: Routine portal venous phase contrast-enhanced evaluation. Oral contrast was not given.

COMPARISON: CT May 13, 2022.

HEPATOBILIARY SYSTEM:

Liver: Interval enlargement of a 2.8 cm hypodense mass in the right hepatic lobe, segment 5/6 (previously 10

mm). Stable 18 mm cyst in segment 6. No other new hepatic finding.

Biliary Tree: No important gallbladder abnormality. No important abnormality of the biliary tree.

Pancreas: No important abnormality.

GASTROINTESTINAL TRACT: No important abnormality.

GENITOURINARY SYSTEM:

Adrenals: No important abnormality.

Kidneys / Ureters: No important abnormality. Urinary Bladder: No important abnormality.

Reproductive Organs: Prostatomegaly.

LYMPHATIC SYSTEM: No important abnormality of the spleen. No lymphadenopathy.

PERITONEUM, RETROPERITONEUM & MESENTERY: No important abnormality.

VESSELS & OTHER: There is a degree of abdominal aortic atherosclerosis, with no abnormal infrarenal

dilatation. No venous abnormality.

BONES / BODY WALL: No important bony abnormality. No body wall abnormality.

LOWER THORAX (lung bases, heart): CT chest reported separately.

Procedure Note

### **Geoffrey Paul Doherty - 09/09/2022**

Formatting of this note might be different from the original.

CT ABDOMEN & PELVIS

INDICATION: Oropharyngeal cancer, research.

TECHNIQUE: Routine portal venous phase contrast-enhanced evaluation. Oral contrast was not given.

COMPARISON: CT May 13, 2022.

### **HEPATOBILIARY SYSTEM:**

Liver: Interval enlargement of a 2.8 cm hypodense mass in the right hepatic lobe, segment 5/6 (previously 10 mm). Stable 18 mm cyst in segment 6. No other new hepatic finding.

Biliary Tree: No important gallbladder abnormality. No important abnormality of the biliary tree.

Pancreas: No important abnormality.

GASTROINTESTINAL TRACT: No important abnormality.

**GENITOURINARY SYSTEM:** 

Adrenals: No important abnormality.

Kidneys / Ureters: No important abnormality. Urinary Bladder: No important abnormality. Reproductive Organs: Prostatomegaly.

LYMPHATIC SYSTEM: No important abnormality of the spleen. No lymphadenopathy.

PERITONEUM, RETROPERITONEUM & MESENTERY: No important abnormality.

VESSELS & OTHER: There is a degree of abdominal aortic atherosclerosis, with no abnormal infrarenal dilatation. No venous abnormality.

BONES / BODY WALL: No important bony abnormality. No body wall abnormality.

LOWER THORAX (lung bases, heart): CT chest reported separately.

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IMPRESSION:

Interval enlargement of a solitary hepatic metastasis.

For report clarification: rads@toh.ca

Authorizing Provider Result Type

Arif Ali Awan IMG CT PROCEDURES

Performing Organization Address City/State/ZIP Code Phone Number

ATL POWERSCRIBE

ECG 12-LEAD - Final result (06/09/2022 11:08 AM EDT)						
		Ref		Analysis		Pathologist
Component	Value	Range	Test Method	Time	At	Signature
Heart Rate	97				TOH	
					PHILIPS	
	500				ECG	
RR Interval	620				TOH PHILIPS	
					ECG	
Atrial Rate	98				TOH	
, terrai reacc	30				PHILIPS	
					ECG	
PR Interval	141				TOH	
					PHILIPS	
					ECG	
P Duration	95				TOH	
					PHILIPS ECG	
P Horizontal Axis	24				TOH	
1 Honzontal Axis	24				PHILIPS	
					ECG	
P Front Axis	50				TOH	
					PHILIPS	
					ECG	
Q Onset	502				TOH	
					PHILIPS ECG	
QRSD Interval	94				TOH	
QK3D IIItervai	54				PHILIPS	
					ECG	
QT Interval	344				TOH	
					PHILIPS	
					ECG	
QTcB	437				TOH	
					PHILIPS	
					ECG	

QTcF	404				TOH PHILIP! ECG	S
QRS Horizontal Axis	10				TOH PHILIP! ECG	5
QRS Axis	11				TOH PHILIPS ECG	5
I-40 Horizontal Axis	43				TOH PHILIPS ECG	5
I-40 Front Axis	-18				TOH PHILIPS ECG	5
T-40 Horizontal Axis	-44				TOH PHILIPS ECG	5
T-40 Front Axis	54				TOH PHILIP: ECG	5
T Horizontal Axis	47				TOH PHILIP! ECG	5
T Wave Axis	46				TOH PHILIP! ECG	5
S-T Horizontal Axis	61				TOH PHILIP! ECG	5
S-T Front Axis	77				TOH PHILIP! ECG	5
ECG Severity	- NORMAL ECG -				TOH PHILIPS ECG	5
TOHFM Link	TOHFM/20220911, 25276519-7868-43 37cf70826406.PDF	b6-9179-	STER-		TOH PHILIPS ECG	S
Specimen (Source)	Anatomical L Laterality	ocation /	Collection Method / Volume	Collection T 06/09/2022 EDT		Received Time
Narrative This result has	an attachment	that is	not available.			
Authorizing Provider Arif Ali Awan	Result Type ECG ORDERA	ABLES				
Performing Organiza TOH PHILIPS ECG	tion Address		City/State/ZIP Code	Phone Num	ber	
(ABNORMAL) URINA	ALYSIS, MICROSCO	<b>PIC - Final :</b> Ref	result (06/09/2022 11:0	<b>0 AM EDT)</b> Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Cast Type Urine	Hyaline				EORLA	
Cast Quantitation	<5 (A)	/LPF			EORLA	

Urine/LPF				
Other Elements Urine	Mucus (A)		EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Urine (Urine, Clean Catch)			06/09/2022 11:00 AM EDT	06/09/2022 11:38 AM EDT
Authorizing Provider	Result Type			
Arif Ali Awan	LAB URINE ORDERABLES			
Performing Organization EORLA	Address	City/State/ZIP Code	Phone Number	

# (ABNORMAL) URINALYSIS - Final result (06/09/2022 11:00 AM EDT)

	Ţ	Ref		Analysis	Performed	
Component	Value F	Range	Test Method	Time	At	Pathologist Signature
Colour Urine	Yellow				EORLA	
Appearance Urine	Cloudy (A)				EORLA	
Glucose Urine	Negative				EORLA	
Bilirubin Urine	Negative				EORLA	
Ketones Urine	Negative				EORLA	
Specific Gravity Urine		1.005 - 1.030			EORLA	
Blood Urine	Negative				EORLA	
pH Urine	6.5				EORLA	
Protein Urine	2+ (A)				EORLA	
Urobilinogen Urine	Normal				EORLA	
Nitrite Urine	Negative				EORLA	
Leukocyte Esterase Urine	Negative				EORLA	
Specimen (Source)	Anatomical Locat	tion /	Collection Method / Volume	Collection T	ime	Received Time
Urine				06/09/2022 EDT	11:00 AM	06/09/2022 11:38 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB URINE ORDE	ERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

# (ABNORMAL) EGFR - Final result (06/09/2022 10:55 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	94	62 - 100 umol/L			EORLA	
EGFR (CKD-EPI)	72 (L)	>=90 mL/min/1.73 m^2			EORLA	

#### Comment:

An eGFR result between  $60-89 \text{ mL/min}/1.73 \text{ m}^2$  is consistent with mildly decreased kidney function. However, in the absence of other evidence of kidney disease, eGFR values in this range do not fulfil the KDIGO criteria for chronic kidney

disease. Interpret results in concert with ACR measurement.

eGFR is calculated based on the CKD-EPI equation (Ann Intern Med. 2009 May 5;150(9):604-12) from sex, age, and creatinine without taking into account race or ancestry. This calculation is limited and does not necessarily

apply to children, elderly and transgender people, extremes of body mass, those with loss of limb, those on diets with extremes of meat content, and medications that affect creatinine concentration, such as sulphamethoxazole, trimethoprim, H2-antagonists, and fenofibrate. Anatomical Location / Collection Method / Specimen (Source) Laterality Volume Collection Time Received Time Blood (Blood, Venous) 06/09/2022 10:55 AM 06/09/2022 11:43 AM **EDT** EDT Authorizing Provider Result Type Arif Ali Awan LAB BLOOD ORDERABLES Performing Organization Address City/State/ZIP Code Phone Number **EORLA** PHOSPHATE - Final result (06/09/2022 10:55 AM EDT) Ref Analysis Performed Time Pathologist Signature Component Value Range Test Method Αt PO4 1.14 0.78 -**EORLA** 1.38 mmol/L Anatomical Location / Collection Method / Specimen (Source) Laterality Volume Collection Time **Received Time** Blood 06/09/2022 10:55 AM 06/09/2022 11:43 AM **EDT EDT Authorizing Provider** Result Type Arif Ali Awan LAB BLOOD ORDERABLES Performing Organization Address City/State/ZIP Code Phone Number **EORLA** GLUCOSE RANDOM - Final result (06/09/2022 10:55 AM EDT) Ref Analysis Performed Component Value Test Method Time Pathologist Signature Range Αt Glucose Random 7.0 4.0 - 11.0 **EORLA** mmol/L Anatomical Location / Collection Method / Volume Specimen (Source) Laterality Collection Time Received Time Blood 06/09/2022 10:55 AM 06/09/2022 11:43 AM FDT FDT **Authorizing Provider** Result Type Arif Ali Awan LAB BLOOD ORDERABLES Performing Organization Address City/State/ZIP Code Phone Number **EORLA** (ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (06/09/2022 10:55 AM EDT) Ref Analysis Performed Time Pathologist Signature Component Value Range Test Method Neutrophil 9.6 (H) 2.0 - 7.5**EORLA** x10^9/L

Lymphocyte	0.8	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.7	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.2	0.0 - 0.5 x10^9/L			EORLA	
Basophil	0.0	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.0	<=0.1 x10^9/L			EORLA	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source) Blood	Laterality		Volume	Collection T 06/09/2022 EDT		Received Time 06/09/2022 11:43 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
EONLA						
HEDATITIS C TOTAL AND	TIPODY Final	rocult (06	:/00/2022 10·EE AM ED	)T\		
HEPATITIS C TOTAL AN	TIBODY - FINAL	Ref	1/09/2022 TO.33 AIVI EL	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Hepatitis C Virus Antibody	Non-Reactive				EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ïme	Received Time
Blood (Blood, Venous)				06/09/2022 EDT	10:55 AM	06/09/2022 3:12 PM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	ATL LAB PHL O	RDERABLES	 S			
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
HEPATITIS B VIRUS COF	re total anti		inal result (06/09/2022		•	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Hepatitis B Core Total Antibody	Non-Reactive	Range	rest Method	Tillie	EORLA	Tatriologist Signature
	Anatomical Loc	ration /	Collection Method /			
Specimen (Source)	Laterality	cation/	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				06/09/2022 EDT	10:55 AM	06/09/2022 3:12 PM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	ATL LAB PHL O	RDERABLES	S			
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
			City/State/Zir Code	FIIOHE NUH		
EORLA	7.00.000		City/State/Zir Code	Phone Num	1001	

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Hepatitis B Surface Antigen	Non-Reactive				EORLA	
		,				
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection 7	Γima	Received Time
Blood (Blood, Venous)	Lateranty		VOIGITIE	06/09/2022		06/09/2022 3:12 PM EDT
Blood (Blood, Vellous)				EDT	10.557111	00,03,2022 3.12 1 W EB 1
Authorizing Provider	Result Type					
Arif Ali Awan	ATL LAB PHL C	RDERABLES	5			
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
(ABNORMAL) CBC - Final	result (06/09/2		AM EDT)	A 1 ' -	Desferred	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	11.3 (H)	3.5 - 10.5		Time	EORLA	Tatriologist signature
	,	x10^9/L				
RBC	4.12	4.00 -			EORLA	
		5.50				
		x10^12/L				
HGB	123 (L)	125 - 170 g/L			EORLA	
НСТ	0.390	0.380 - 0.500 L/L			EORLA	
MCV	94.7	80.0 - 100.0 fL			EORLA	
МСН	29.9	27.0 - 34.0 pg			EORLA	
МСНС	315	315 - 355 g/L			EORLA	
RDW	13.2	11.5 - 15.5 %			EORLA	
Plat	378	130 - 380 x10^9/L			EORLA	
MPV	9.3	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0	IL			EORLA	
NRBC #	0.00	0.00 -			EORLA	
WINDE "	0.00	0.00 x10^9/L			LONLA	
Specimes (Se	Anatomical Loc	cation /	Collection Method /	Called	F:	Descriped Tive
Specimen (Source)	Laterality		Volume	Collection 7		Received Time
Blood (Blood, Venous)				06/09/2022 EDT	. 10.55 AM	06/09/2022 11:43 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Nun	nber	
LONLIN						
LIDIC ACID (LIDATE) E		00/2022 1	0.55			

URIC ACID (URATE) - Final result (06/09/2022 10:55 AM EDT)

Ref

Analysis

Performed

Component	Value	Range	Test Method	Time	At	Pathologist Signature
Uric Acid	253	208 - 400			EORLA	
		umol/L				
	Anatomical Loc	ration /	Collection Method /			
Specimen (Source)	Laterality	.ation /	Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)				06/09/2022	10:55 AM	06/09/2022 11:43 AM
				EDT		EDT
A the Stee Decides	D It T					
Authorizing Provider Arif Ali Awan	Result Type  LAB BLOOD OR	DEDADIEC				
AIII AII AWaII	LAB BLOOD OF	DERADLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
DUNI/UDEA) Einel ree	H+ (0C (00 (2022	10.55 44	A FDT)			
BUN (UREA) - Final resu	lit (06/09/2022	Ref	MEDI)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Urea	5.9	3.3 - 8.9			EORLA	
		mmol/L				
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Lateranty		Volume	06/09/2022		06/09/2022 11:43 AM
2.000 (2.000, 10000)				EDT		EDT
Authorizing Provider	Result Type	DED 4 DI EC				
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			,,			
ALT - Final result (06/09	)/2022 10:55 A	,		A 1 .	D ( 1	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	12	12 - 49	rest Metriou	TITIC	EORLA	Tathologist Signature
, =:		U/L			LONE	
(Caraciana (Caraca)	Anatomical Loc	cation /	Collection Method /	Callantina Ti		Descined Times
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	Collection Ti		Received Time 06/09/2022 11:43 AM
Blood (Blood, Verious)				EDT	IU.33 AIVI	EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
EORLA	7.001 533		City/State/Zii Code	I HOHE MUIII	DCI	
201121						
AST - Final result (06/09	9/2022 10:55 A					
Comment	V-L	Ref	Test Marth 1	Analysis	Performed	Dethalasis Ci
Component	Value	Range	Test Method	Time	At	Pathologist Signature
AST	15	12 - 29 U/L			EORLA	
		O, L				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	Received Time

Blood (Blood, Venous)				06/09/2022 EDT	2 10:55 AM	06/09/2022 11:43 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						
(ABNORMAL) PROTEIN T	OTAL - Final res	-	/2022 10:55 AM EDT)	Analysia	Devisered	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Protein Total	77 (H)	63 - 75 g/L			EORLA	<u> </u>
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection <sup>-</sup>	Time	Received Time
Blood (Blood, Venous)	Lateranty		VOIGITIE	06/09/2022		06/09/2022 11:43 AM
, , , , , , , , , , , , , , , , , , , ,				EDT		EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Nun	nber	
LORLA						
ALKALINE PHOSPHATA  Component	SE (ALP) - Fina Value	l result (0 Ref Range	6/09/2022 10:55 AM  Test Method	EDT) Analysis Time	Performed At	Pathologist Signature
ALP	80	50 - 112	rest without	Title	EORLA	T dthologist signature
		U/L				
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection <sup>-</sup>	Time	Received Time
Blood (Blood, Venous)				06/09/2022 EDT	2 10:55 AM	06/09/2022 11:43 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Nun	nber	
LOILLI						
MAGNESIUM - Final res	sult (06/09/202		M EDT)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.68	0.66 -	. CSC MICHIOU	THIC	EORLA	. actiologist signature
3		1.07 mmol/L				
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection <sup>-</sup>	Time	Received Time
Blood (Blood, Venous)	Laterality		volutile	06/09/2022		06/09/2022 11:43 AM
blood (blood, verious)				EDT	- 10.33 AIVI	EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				

Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						
			L. (05 (00 (000 10 T			
ABNORMAL) LACTATE D		- <b>Final r</b> Ref	esult (06/09/2022 10:55	AM EDT) Analysis	Performed	
Component		Range	Test Method	Time	At	Pathologist Signature
LD	284 (H)	99 - 186			EORLA	
		U/L				
	Anatomical Loca	ition /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection 7	Гime	Received Time
Blood (Blood, Venous)				06/09/2022	10:55 AM	06/09/2022 11:43 AM
				EDT		EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORE	DERABLES				
Performing Organization	Address		City/State/7ID Code	Phone Nun	nhor	
Performing Organization EORLA	Audress		City/State/ZIP Code	rnone nun	INGI	
LONLA						
CALCIUM - Final result (			DT)	Α	D (	
Component		Ref	Test Method	Analysis Time	Performed At	Pathologist Signature
Ca Component		Range 2.24 -	rest Method	Time	EORLA	Pathologist Signature
Ca		2.24 - 2.58			EURLA	
		mmol/L				
C (C )	Anatomical Loca	ition /	Collection Method /	Calleatian	F*	Description
Specimen (Source)	Laterality		Volume	Collection 7		Received Time
Blood (Blood, Venous)				06/09/2022 EDT	10.55 AIVI	06/09/2022 11:43 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORE	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	nber	
	Address		City/State/ZIP Code	Phone Num	nber	
EORLA		2022 10.		Phone Num	nber	
EORLA	al result (06/09/					
	al result (06/09/	2022 10: Ref Range		Phone Num  Analysis Time	Performed At	Pathologist Signature
EORLA BILIRUBIN, TOTAL - Fina	al result (06/09/2	Ref	55 AM EDT)	Analysis	Performed	Pathologist Signature
EORLA  BILIRUBIN, TOTAL - Fina  Component	Value	Ref Range	55 AM EDT)	Analysis	Performed At	Pathologist Signature
EORLA  BILIRUBIN, TOTAL - Fina  Component	al result (06/09/2 Value 6	Ref Range <=15 umol/L	55 AM EDT) Test Method	Analysis	Performed At	Pathologist Signature
EORLA  BILIRUBIN, TOTAL - Fina  Component	Value	Ref Range <=15 umol/L	55 AM EDT)	Analysis	Performed At EORLA	Pathologist Signature Received Time
EORLA  BILIRUBIN, TOTAL - Fina  Component  Bilirubin Total  Specimen (Source)	Value 6 Anatomical Loca	Ref Range <=15 umol/L	55 AM EDT)  Test Method  Collection Method /	Analysis Time	Performed At EORLA	Received Time
EORLA  BILIRUBIN, TOTAL - Fina  Component  Bilirubin Total	Value 6 Anatomical Loca	Ref Range <=15 umol/L	55 AM EDT)  Test Method  Collection Method /	Analysis Time Collection	Performed At EORLA	Received Time
EORLA  BILIRUBIN, TOTAL - Fina  Component  Bilirubin Total  Specimen (Source)  Blood (Blood, Venous)	Value 6 Anatomical Loca	Ref Range <=15 umol/L	55 AM EDT)  Test Method  Collection Method /	Analysis Time Collection 1	Performed At EORLA	Received Time 06/09/2022 11:43 AM
EORLA  BILIRUBIN, TOTAL - Fina  Component  Bilirubin Total  Specimen (Source)	Value 6 Anatomical Loca	Ref Range <=15 umol/L ation /	55 AM EDT)  Test Method  Collection Method /	Analysis Time Collection 1	Performed At EORLA	Received Time 06/09/2022 11:43 AM
EORLA  BILIRUBIN, TOTAL - Fina  Component  Bilirubin Total  Specimen (Source)  Blood (Blood, Venous)  Authorizing Provider  Arif Ali Awan	Value 6 Anatomical Local Laterality  Result Type LAB BLOOD ORD	Ref Range <=15 umol/L ation /	Test Method  Collection Method / Volume	Analysis Time  Collection 1 06/09/2022 EDT	Performed At EORLA Fime	Received Time 06/09/2022 11:43 AM
EORLA  BILIRUBIN, TOTAL - Fina Component Bilirubin Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider	Value 6 Anatomical Local Laterality  Result Type LAB BLOOD ORD	Ref Range <=15 umol/L ation /	55 AM EDT)  Test Method  Collection Method /	Analysis Time Collection 1	Performed At EORLA Fime	Received Time 06/09/2022 11:43 AM

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Albumin	43	39 - 47 g/L			EORLA	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality	•	Volume	Collection	Time	Received Time
Blood (Blood, Venous)				06/09/2022 EDT	2 10:55 AM	06/09/2022 11:43 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Nur	nber	
EURLA						
(ABNORMAL) ELECTROLY	TE PANEL (ELE	CTROLYTES Ref	s) - Final result (06/09/2		<b>1 EDT)</b> Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	136	136 - 144 mmol/L			EORLA	3 3
К	4.7	3.5 - 5.1 mmol/L			EORLA	
Cl	96 (L)	98 - 107 mmol/L			EORLA	
CO2	31 (H)	19 - 30 mmol/L			EORLA	
Anion Gap	9	8 - 16 mmol/L			EORLA	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection		Received Time
Blood				06/09/2022 EDT	2 10:55 AM	06/09/2022 11:43 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Nur	nber	
EORLA						
HUMAN IMMUNODEFI			OLOGY (ROUTINE) - F Collection Method /	inal result (0	6/09/2022 10	0:44 AM EDT)
	Anatomical Lo	Lation /	CONCCUON MENIOU/		Timo	Received Time
Specimen (Source)	Anatomical Loc Laterality	,	Volume	Collection	HIHE	Received Hille
Specimen (Source) Blood	Laterality		Volume	Collection 06/09/2022 EDT		06/09/2022 12:29 PM EDT
Blood Narrative	Laterality		Volume	06/09/2022		06/09/2022 12:29 PM
Narrative  EORLA - 08/09/2022 Final Report:	Laterality  8:27 AM EDT		Volume	06/09/2022		06/09/2022 12:29 PM
Blood  Narrative  EORLA - 08/09/2022  Final Report:	8:27 AM EDT  creen NONREAC 24 antigen NO	ΓΙVE Γ detected	l. HIV-1/HIV-2 antibo	06/09/2022 EDT dies NOT det	2 10:44 AM	06/09/2022 12:29 PM EDT
Narrative  EORLA - 08/09/2022 Final Report:	8:27 AM EDT  Creen NONREACT 24 antigen NOT Public Health  Result Type	ΓΙVΕ Γ detected Ontario L	l. HIV-1/HIV-2 antibo aboratories, 181 Bar	06/09/2022 EDT dies NOT det	2 10:44 AM	06/09/2022 12:29 PM EDT

EORLA			
CT NECK W IV CONTRA	ST - Final result (09/08/2	2022 1:10 PM EDT)	
Anatomical Region	Laterality	Modality	

City/State/ZIP Code

Neck Computed Tomography

Anatomical Location / Collection Method /
Volume Collection Time Received Time

12/08/2022 8:29 AM EDT

Phone Number

**Impressions** 

#### ATL POWERSCRIBE - 12/08/2022 4:51 PM EDT

Interval increase in size of the nodal and soft tissue metastatic deposits described in detailed above in keeping with disease progression within the neck.

David Glynn Martin, PGY 3

Performing Organization Address

For report clarification: rads@toh.ca

Narrative

#### ATL POWERSCRIBE - 12/08/2022 4:51 PM EDT

CT SCAN OF THE NECK

CLINICAL INFORMATION: Age: 68 years old; Male, "Recurrent base of tongue cancer. ? Response to immunotherapy."

COMPARISON: Neck CT May 13, 2022.

TECHNIQUE: 2.5 mm helical sections through the neck with administration of intravenous contrast.

#### FINDINGS:

Again noted is the ulcerating mass involving the base of the tongue, epiglottis and vallecula airway narrowing is again noted with a maximal diameter of 8 mm just superior to the vocal cords.

The largest conglomerate nodal mass at level 2 with areas of central necrosis/enhancement measures approximately  $4.6 \times 2.9$  cm compared to  $4.6 \times 2.3$  cm prior (series 5 image 56), however there is new skin involvement in keeping with interval growth. The previously mentioned nodular areas of enhancement in the right paraspinal musculature have grown in size, the most posterior nodule measuring 29 mm compared to 11 mm prior, in the more anterior of which measures 13 mm compared to 7 mm prior. Additionally there are lymph nodes which demonstrate interval growth, such as the Level 1B lymph node measuring 13 mm compared to 9 mm prior (series 5 image 60), and the right level 3/4 lymph node measuring 11 mm compared to 9 mm prior (series 5 image 69).

There is adequate opacification of the great vessels of the neck. No significant stenosis of the vessels is noted.

No aggressive osseous abnormality within the cervical spine. Mild degenerative changes.

The brain parenchyma to the extent visualized is within normal limits. Mild polypoid mucosal thickening in the bilateral maxillary sinuses. Orbits, visible paranasal sinuses and mastoid air cells are unremarkable.

Please see separate CT chest report.

Procedure Note

## Michael Steven Kingstone - 12/08/2022

Formatting of this note might be different from the original.

CT SCAN OF THE NECK

CLINICAL INFORMATION: Age: 68 years old; Male, "Recurrent base of tongue cancer. ? Response to immunotherapy."

COMPARISON: Neck CT May 13, 2022.

TECHNIQUE: 2.5 mm helical sections through the neck with administration of intravenous contrast.

FINDINGS:

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There is adequate opacification of the great vessels of the neck. No significant stenosis of the vessels is noted.

No aggressive osseous abnormality within the cervical spine. Mild degenerative changes.

The brain parenchyma to the extent visualized is within normal limits. Mild polypoid mucosal thickening in the bilateral maxillary sinuses. Orbits, visible paranasal sinuses and mastoid air cells are unremarkable.

Please see separate CT chest report.

#### IMPRESSION:

Interval increase in size of the nodal and soft tissue metastatic deposits described in detailed above in keeping with disease progression within the neck.

David Glynn Martin, PGY 3

For report clarification: rads@toh.ca

Authorizing Provider	Result Type		
Michael MacDonald Vickers	IMG CT PROCEDURES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
ATI POWERSCRIBE			

# CT CHEST W IV CONTRAST - Final result (09/08/2022 1:10 PM EDT)

			12/00/2022 0:10 444	FDT	
_Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time	
Chest		Computed	d Tomography		
Anatomical Region	Laterality	Modality			

13/08/2022 8:16 AM EDT

# Impressions

# ATL POWERSCRIBE - 13/08/2022 8:21 AM EDT

1. New enlarged right axillary lymph node consistent with metastatic disease.

2. Moderate increase in the groundglass opacities in both lungs. Given the waxing and waning nature of these opacities, infection would be less likely. Drug toxicity should be considered.

For report clarification: rads@toh.ca

#### Narrative

#### ATL POWERSCRIBE - 13/08/2022 8:21 AM EDT

CT THORAX WITH CONTRAST (ROUTINE)

INDICATION: Recurrent base of tongue cancer. ? Response to immunotherapy.

COMPARISON: May 13, 2022

LUNGS & TRACHEOBRONCHIAL TREE: Interval increase in the degree of groundglass opacification in both lungs most significantly in the right upper lobe. No new or growing lung nodules. LYMPH NODES & MEDIASTINUM: New enlarged lymph node in the right axilla measuring  $32 \times 19 \, \text{mm}$ . Stable lymph node posterior to the left pulmonary artery measuring  $8 \, \text{mm}$ .

PLEURA & PERICARDIUM: Unremarkable.
AORTA AND SYSTEMIC ARTERIES:Unremarkable
HEART: Severe coronary artery calcification.

PULMONARY ARTERIES AND VEINS: Unremarkable

SYSTEMIC VEINS:Unremarkable

ESOPHAGUS & Neck: Unremarkable esophagus. CT neck is reported separately.

BONES & CHEST WALL: Unremarkable.

DIAPHRAGM:Unremarkable

UPPER ABDOMEN: Unremarkable.

Procedure Note

#### Carole J. Dennie - 13/08/2022

Formatting of this note might be different from the original.

CT THORAX WITH CONTRAST (ROUTINE)

INDICATION: Recurrent base of tongue cancer. ? Response to immunotherapy.

COMPARISON: May 13, 2022

LUNGS & TRACHEOBRONCHIAL TREE: Interval increase in the degree of groundglass opacification in both lungs most significantly in the right upper lobe. No new or growing lung nodules.

LYMPH NODES & MEDIASTINUM: New enlarged lymph node in the right axilla measuring 32 x 19 mm. Stable lymph node posterior to the left pulmonary artery measuring 8mm.

PLEURA & PERICARDIUM: Unremarkable.

AORTA AND SYSTEMIC ARTERIES:Unremarkable

HEART: Severe coronary artery calcification.

PULMONARY ARTERIES AND VEINS: Unremarkable

SYSTEMIC VEINS:Unremarkable

ESOPHAGUS & Neck: Unremarkable esophagus. CT neck is reported separately.

BONES & CHEST WALL: Unremarkable.

DIAPHRAGM:Unremarkable

UPPER ABDOMEN: Unremarkable.

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#### IMPRESSION:

- 1. New enlarged right axillary lymph node consistent with metastatic disease.
- 2. Moderate increase in the groundglass opacities in both lungs. Given the waxing and waning nature of these opacities, infection would be less likely. Drug toxicity should be considered.

For report clarification: rads@toh.ca

Authorizing Provider	Result Type		
Michael MacDonald Vickers	IMG CT PROCEDURES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
ATL POWERSCRIBE			

# LFT'S (ALP,ALT,AST,GGT,BILI TOTAL) (LIVER FUNCTION TEST) - Final result (29/07/2022 3:54 PM EDT)

LITS (ALI, ALI, ASI, GGI, BILL TOTAL) (LIVER TORCHOR TEST)			CHON (LSI) I IIIai	That result (25/07/2022 5.54 FW LDT)			
		Ref		Analysis	Performed		
Component	Value	Range	Test Method	Time	At	Pathologist Signature	
ALP	73	50 - 112 U/L			EORLA		
ALT	12	12 - 49 U/L			EORLA		
AST	20	12 - 29 U/L			EORLA		
GGT	15	11 - 105 U/L			EORLA		
Bilirubin Total	4	<=15 umol/L			EORLA		
Specimen (Source)	Anatomical Laterality	Location /	Collection Method / Volume	Collection <sup>-</sup>	Time	Received Time	

Blood				29/07/2022	3:54 PM EDT	29/07/2022 6:44 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			7.			
GLUCOSE RANDOM - F  Component Glucose Random	Value 5.7	07/2022 3 Ref Range 4.0 - 11.0 mmol/L	:54 PM EDT) Test Method	Analysis Time	Performed At EORLA	Pathologist Signature
Specimen (Source)	Anatomical Loca Laterality		Collection Method / Volume	Collection T		Received Time
Blood				29/07/2022	3:54 PM ED1	29/07/2022 4:02 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
Component Neutrophil	Value  4.5	Ref Range 2.0 - 7.5	7/2022 3:54 PM EDT)  Test Method	Analysis Time	Performed At EORLA	Pathologist Signature
Neutropiiii	4.5	x10^9/L			LONEA	
Lymphocyte	1.1	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.6	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.3	0.0 - 0.5 x10^9/L			EORLA	
Basophil	0.0	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.0					
,	0.0	<=0.1 x10^9/L			EORLA	
Specimen (Source)	Anatomical Local	x10^9/L	Collection Method / Volume	Collection T	ime	Received Time
Specimen (Source) Blood	Anatomical Loca Laterality	x10^9/L			ime	Received Time 29/07/2022 4:03 PM EDT
Specimen (Source)  Blood  Authorizing Provider	Anatomical Loca Laterality Result Type	x10^9/L ation /			ime	
Specimen (Source) Blood	Anatomical Loca Laterality	x10^9/L ation /			ime	
Specimen (Source) Blood Authorizing Provider Michael MacDonald	Anatomical Local Laterality  Result Type  LAB BLOOD OR	x10^9/L ation /			ime 3:54 PM EDT	
Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers	Anatomical Local Laterality  Result Type  LAB BLOOD OR	x10^9/L ation /	Volume	29/07/2022	ime 3:54 PM EDT	
Specimen (Source) Blood Authorizing Provider Michael MacDonald Vickers Performing Organization	Anatomical Local Laterality  Result Type  LAB BLOOD OR  Address	x10^9/L ation / DERABLES	Volume  City/State/ZIP Code	29/07/2022 Phone Num	ime 3:54 PM EDT ber	
Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA	Anatomical Local Laterality  Result Type  LAB BLOOD OR  Address	x10^9/L ation / DERABLES	Volume  City/State/ZIP Code	29/07/2022	ime 3:54 PM EDT	

# umol/L

		umol/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				29/07/2022	3:54 PM EDT	29/07/2022 4:02 PM EDT
Authorizina Drovidor	Dogult Turo					
Authorizing Provider  Michael MacDonald	Result Type  LAB BLOOD OR	DEDARI EC				
Vickers	LAB BLOOD ON	DLNADLLS				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) CBC - Final	result (29/07/2	022 3:54 P	M EDT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	6.6	3.5 - 10.5 x10^9/L			EORLA	
RBC	3.65 (L)	4.00 -			EORLA	
	(_)	5.50				
		x10^12/L				
HGB	113 (L)	125 - 170			EORLA	
НСТ	0.346 (L)	g/L 0.380 -			EORLA	
пСі	0.346 (L)	0.500 - 0.500 L/L			EUKLA	
MCV	94.8	80.0 -			EORLA	
		100.0 fL				
MCH	31.0	27.0 -			EORLA	
		34.0 pg				
MCHC	327	315 - 355 g/L			EORLA	
RDW	13.3	11.5 -			EORLA	
NO W	13.3	15.5 %			LONEA	
Plat	280	130 - 380			EORLA	
		x10^9/L				
MPV	8.9 (L)	9.0 - 14.0			EORLA	
NRBC/100 WBC	0.0	fL			EORLA	
NRBC #	0.00	0.00 -			EORLA	
NRDC #	0.00	0.00			LONLA	
		x10^9/L				
	Amatassissis	otio/	Collection Matter of /			
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)						29/07/2022 4:03 PM EDT
				•		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
VICKEIS						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
TCLL Final result (20.40)	7/2022 2.54 54	4				
TSH - Final result (29/0	1/2022 3.54 PN	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
TSH	2.02	0.27 -			EORLA	<u> </u>
		4.20				

m	ш	1/		
ш	ıu	"	L	

		mIU/L				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection T	ime	Received Time
Blood				29/07/2022	3:54 PM EDT	29/07/2022 4:02 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
(ABNORMAL) MAGNESIU	M - Final result	(29/07/20 Ref	22 3:54 PM EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Mg	0.64 (L)	0.66 - 1.07 mmol/L			EORLA	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				29/07/2022	3:54 PM EDT	29/07/2022 4:02 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
CK - Final result (29/07/	2022 3:54 PM Value	EDT) Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
CK	214	52 - 256			EORLA	
		U/L				
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Lateranty		VOIGITIC		3:54 PM EDT	29/07/2022 4:02 PM EDT
, , ,				, ,		
Authorizing Provider	Result Type	DED 451 = 6				
Michael MacDonald Vickers	LAB BLOOD OF	KDEKABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
GLUCOSE RANDOM - F	inal result (30/	'06/2022 1 Ref	0:35 AM EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	6.6	4.0 - 11.0 mmol/L			EORLA	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood				30/06/2022 EDT	10:35 AM	30/06/2022 10:42 AM EDT

Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
AUTOMATED DIFFEREN	JTIAI - Final re	sult (30/0	6/2022 10:35 AM EDT)			
710101111111111111111111111111111111111		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	5.2	2.0 - 7.5 x10^9/L			EORLA	
Lymphocyte	1.0	0.8 - 3.5			EORLA	
		x10^9/L				
Monocyte	0.6	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.2	0.0 - 0.5			EORLA	
		x10^9/L				
Basophil	0.0	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.0	<=0.1			EORLA	
		x10^9/L				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood				30/06/2022 EDT	10:35 AM	30/06/2022 10:42 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
CREATININE - Final resu	ult (30/06/2022	2 10:35 AN Ref	√I EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
Creatinine	100	62 - 100			EORLA	3 3
		umol/L				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				30/06/2022 EDT	10:35 AM	30/06/2022 10:42 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	(DEKABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ıber	
EORLA						
2011211						
ZONEX						
	result (30/06/2	022 10:35	AM EDT)			
(ABNORMAL) CBC - Final Component	result (30/06/2	2 <b>022 10:35</b> Ref Range	AM EDT) Test Method	Analysis Time	Performed At	Pathologist Signature

WBC	7.0	3.5 - 10.5 x10^9/L			EORLA	
RBC	4.01	4.00 - 5.50 x10^12/L			EORLA	
HGB	125	125 - 170 g/L			EORLA	
НСТ	0.381	0.380 - 0.500 L/L			EORLA	
MCV	95.0	80.0 - 100.0 fL			EORLA	
MCH	31.2	27.0 - 34.0 pg			EORLA	
MCHC	328	315 - 355 g/L			EORLA	
RDW	13.0	11.5 - 15.5 %			EORLA	
Plat	296	130 - 380 x10^9/L			EORLA	
MPV	8.9 (L)	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ïme	Received Time
Blood (Blood, Venous)				30/06/2022 EDT	10:35 AM	30/06/2022 10:42 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ALT - Final result (30/06	5/2022 10:35 A	M EDT)				
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	12	12 - 49 U/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				30/06/2022 EDT	10:35 AM	30/06/2022 10:42 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	hber	

TSH - Final result (30/06/2022 10:35 AM EDT)

Ref

Analysis

Performed

Component	Value	Range	Test Method	Time	At	Pathologist Signature
TSH	1.70	0.27 -			EORLA	
		4.20				
		mIU/L				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				30/06/2022 EDT	10:35 AM	30/06/2022 10:42 AM EDT
				LD1		
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
VI KVI IVIE DUUCDUVIA	CE (ALD) Eigo	l rocul+ (2	∩/∩6/2∩22 1∩·2E ∧N# F	DT)		
ALKALINE PHOSPHATA	SE (ALF) - FINA	Ref	U/UU/ZUZZ 1U.33 AIVI E	חטו) Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	78	50 - 112			EORLA	<u> </u>
		U/L				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality	Lation /	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	,			30/06/2022	10:35 AM	30/06/2022 10:42 AM
				EDT		EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	PDERARI ES				
Vickers	LAD BLOOD OF	(DEIV (DEES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
(ABNORMAL) MAGNESIU	IM - Final result		22 10:35 AM EDT)			
Component	Value	Ref	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.65 (L)	Range 0.66 -	rest Method	Tillie	EORLA	Pathologist Signature
ivig	0.03 (L)	1.07			LONLA	
		mmol/L				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality	LatiOII /	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	,			30/06/2022		30/06/2022 10:42 AM
				EDT		EDT
Authorizing Provider	Result Type					
Authorizing Provider  Michael MacDonald	LAB BLOOD OF	RDFRARI FS				
Vickers	5.000 01					
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
CK - Final result (30/06/	/2022 10:35 AN	√ EDT)				
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
CK	113	52 - 256			EORLA	

		U/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection	Гіте	Received Time
Blood (Blood, Venous)				30/06/2022 10:35 AM EDT		30/06/2022 10:42 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						
DILIDIDINI TOTAL Eige	ol rocult (20/06	:/2022 10:	DE AM EDT)			
BILIRUBIN, TOTAL - Fina	ai resuit (50/00	Ref	DO AIVI EDI)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	5	<=15			EORLA	
		umol/L				
	Anatomical Lo	cation /	Collection Method /	C 11		D
Specimen (Source)	Laterality		Volume	Collection		Received Time
Blood (Blood, Venous)				30/06/2022 EDT	2 1U:35 AM	30/06/2022 10:42 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						
TSH - Final result (06/0	6/2022 10:07 <i>A</i>	AM EDT)				
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
TSH	1.39	0.27 - 4.20			EORLA	
		mIU/L				
		-, <del>-</del>				
Consider (Course)	Anatomical Lo	cation /	Collection Method /	Callactic 3	Time o	Descived Time
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	Collection 3 06/06/2022		Received Time 06/06/2022 11:29 AM
ыооа (ыооа, venous)				06/06/2022 EDT	10.07 AIVI	EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDFRARI FS				
Vickers	2.5 52005 01	.J L.V IDLLJ				
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						
GLUCOSE RANDOM - F	inal result (06/		0:07 AM EDT)			
Component	\/alua	Ref	Tost Mothad	Analysis	Performed	Dathologist Cignatura
Component Glucose Random	Value 5.7	Range 4.0 - 11.0	Test Method	Time	At EORLA	Pathologist Signature
Giucose Nailuoili	J.1	4.0 - 11.0 mmol/L			LUNLA	
	Anatomical Lo	cation /	Collection Method /			
	Anatomical LO	cation /	conection Method /			

Specimen (Source)	Laterality		Volume	Collection Time		Received Time
Blood				06/06/2022	. 10:07 AM	06/06/2022 11:31 AM
				EDT		EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	 ₹DERABLES				
Vickers	<del>-</del> ·					
Desferration Organization	A .l.l.		C' /C' - 1- /7/D Codo	Disease Nive	1	
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	/
EUNLA						
		_				
(ABNORMAL) AUTOMATE	ED DIFFERENTIA	<b>AL - Final ro</b> Ref	esult (06/06/2022 10:07		Performed	
Component	Value	Ret Range	Test Method	Analysis Time	Pertormed At	Pathologist Signature
Neutrophil	6.7	2.0 - 7.5	1000		EORLA	1 445.0 9.22 2.9
·		x10^9/L				
Lymphocyte	0.7 (L)	0.8 - 3.5			EORLA	
Managata	0.6	x10^9/L			FORI A	
Monocyte	0.6	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.4	0.0 - 0.5			EORLA	
	•	x10^9/L				
Basophil	0.0	0.0 - 0.1			EORLA	
		x10^9/L			-	
Immature Granulocyte	0.0	<=0.1 x10^9/L			EORLA	
		X10 5, =				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Time		Received Time
Blood				06/06/2022 EDT	10:07 AM	06/06/2022 11:33 AM EDT
				LUI		LD1
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
CDEATINING Final rock	U (00 (06 (20)2)	2 40.07 AL	* FDT\			
CREATININE - Final resu	IT (00/00/2022	2 10:07 AN Ref	/I EUT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	88	62 - 100			EORLA	
		umol/L				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality	ation /	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				06/06/2022	10:07 AM	06/06/2022 11:31 AM
				EDT		EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	 RDERABLES				
Vickers	<del>-</del> ·					
			C': (C: /7!D.C	51 . 11 .		
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

(ABNORMAL) CBC - Final	result (06/06/2		AM EDT)			
Commonat	\/al	Ref	Toot Mother d	Analysis	Performed	Dath all aist Cinnature
Component	Value 8.6	Range 3.5 - 10.5	Test Method	Time	At EORLA	Pathologist Signature
WBC	0.0	3.5 - 10.5 x10^9/L			EURLA	
RBC	3.87 (L)	4.00 -			EORLA	
		5.50				
HGB	120 (1)	x10^12/L 125 - 170			EORLA	
ПОВ	120 (L)	g/L			EUKLA	
НСТ	0.373 (L)	0.380 -			EORLA	
		0.500 L/L				
MCV	96.4	80.0 -			EORLA	
MCH	31.0	100.0 fL 27.0 -			EORLA	
WICH	31.0	34.0 pg			LONLA	
MCHC	322	315 - 355			EORLA	
		g/L				
RDW	13.2	11.5 - 15.5 %			EORLA	
Plat	292	13.5 %			EORLA	
i iut		x10^9/L			LONLA	
MPV	9.2	9.0 - 14.0			EORLA	
		fL				
NRBC/100 WBC	0.0	0.00			EORLA	
NRBC #	0.00	0.00 - 0.00			EORLA	
		x10^9/L				
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection 1	ime	Received Time
Blood (Blood, Venous)	Lateranty		Volume	06/06/2022		06/06/2022 11:33 AM
, , ,				EDT		EDT
Authorities Duradidos	Describ Torres					
Authorizing Provider  Michael MacDonald	Result Type  LAB BLOOD O	RDFRARI FS				
Vickers	LAD BLOOD O	NDLIVADELS				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
(ABNORMAL) ALT - Final	result (06/06/2		AM EDT)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	7 (L)	12 - 49	103t Mictilou	Title	EORLA	. athorogist signature
		U/L			•	
	A 1		Callanda AA da da			
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection 1	ime	Received Time
Blood (Blood, Venous)	Lateranty		VOIGITIE	06/06/2022		06/06/2022 11:31 AM
(,,,				EDT		EDT
	D 1: -					
	Result Type					
Authorizing Provider		DDED 4 D1 E2				
Michael MacDonald	LAB BLOOD O	RDERABLES				
<u> </u>		RDERABLES				
Michael MacDonald	LAB BLOOD O	RDERABLES	City/State/ZIP Code	Phone Num	nber	

ALKALINE PHOSPHATA	SE (ALP) - Fina		6/06/2022 10:07 AM EI			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	79	50 - 112	rest Method	Tillie	EORLA	ratifologist signature
ALI	75	U/L			LONLA	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				06/06/2022 EDT	10:07 AM	06/06/2022 11:31 AM EDT
				EDI		EDI
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES				
Vickers						
Dorforming Organization	۸۵۵۵۵۵		City/Ctata/7ID Code	Phone Num	ala a s	
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	iber	
EURLA						
CK - Final result (06/06/	2022 10:07 AN	∕I EDT)				
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
CK	136	52 - 256			EORLA	
		U/L				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				06/06/2022	10:07 AM	06/06/2022 11:31 AM
				EDT		EDT
Authorizing Provider	Docult Type					
Authorizing Provider  Michael MacDonald	Result Type  LAB BLOOD OF	DEDARI ES				
Vickers	LAD BLOOD OF	(DLIVADELS				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
BILIRUBIN, TOTAL - Fina	al result (06/06	/2022 10:	07 ΔM FDT)			
DIEIROBIIV, TOTALE TING	11 103011 (00,00)	Ref	0771111 201)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	3	<=15			EORLA	
		umol/L				
	Anatomical Loc	ration /	Collection Method /			
Specimen (Source)	Laterality	.auOII /	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	<del>-</del>			06/06/2022		06/06/2022 11:31 AM
, , ,				EDT		EDT
Authorizing Provider	Result Type	DED 45: 5-				
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
	Address		City/State/7ID Code	Phone Num	hor	
Dorforming Organization			City/State/ZIP Code	rnone Num	וטפו	
Performing Organization	Address					
Performing Organization EORLA	Address		,			
	Address					
		- Final re	esult (06/06/2022 10:07	AM EDT)		
EORLA		- Final re Ref Range	rsult (06/06/2022 10:07 Test Method	AM EDT) Analysis Time	Performed	Pathologist Signature

Na	141	136 - 144 mmol/L		EORLA	
К	4.8	3.5 - 5.1 mmol/L		EORLA	
CI	102	98 - 107 mmol/L		EORLA	
CO2	29	19 - 30 mmol/L		EORLA	
Anion Gap	10	8 - 16 mmol/L		EORLA	
	Anatomical Lo	cation /	Collection Method /		
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Time	Received Time
Specimen (Source) Blood (Blood, Venous)		cation /	·	Collection Time 06/06/2022 10:07 AM EDT	Received Time 06/06/2022 11:31 AM EDT
		cation /	·	06/06/2022 10:07 AM	06/06/2022 11:31 AM
Blood (Blood, Venous)	Laterality		Volume	06/06/2022 10:07 AM	06/06/2022 11:31 AM
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald	Result Type  LAB BLOOD OF		Volume	06/06/2022 10:07 AM	06/06/2022 11:31 AM

# CT NECK W IV CONTRAST - Final result (13/05/2022 9:00 AM EDT)

Anatomical Region	Laterality	Modality		
Neck		Compute	d Tomography	
	Anatomical Location /	Collection Method /		
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
			18/05/2022 8:53 AM	EDT

**Impressions** 

## ATL POWERSCRIBE - 18/05/2022 1:16 PM EDT

- 1. Mild interval decrease in the size and enhancement of the conglomerate heterogeneously mass centered in the right cervical level 2.
- 2. New small enhancing lesions in the right posterior cervical area adjacent to the paraspinal muscles may represent new nodal metastatic deposits or posttreatment changes. Correlation with MRI is recommended.
- 3. Posttreatment changes causing mucosal thickening throughout the supraglottic mucosa leading to significant narrowing of the airway, however patient swallowed during the exam which limits assessment of the true luminal narrowing. As per epic notes, the patient was already seen in clinic on May 16, 2022 and there were no complaints related to the airway.

For report clarification: rads@toh.ca

Narrative

#### 

CT SCAN OF THE NECK

CLINICAL HISTORY: "Stage 4 H/N cancer. ? Response to immunotherapy and radiation."

COMPARISON: CT neck dated January 13, 2022.

TECHNIQUE: Helical sections through the neck with administration of intravenous contrast.

#### FINDINGS:

Redemonstration of the conglomerate nodal mass involving right cervical level 2 and 3 has decreased in size compared to prior MRI measuring  $4.7 \times 2.0 \times 4.7$  cm, previously  $6.4 \times 2.6 \times 5.4$  cm (AP X TRS X CC). The mass extends from the right tongue base, epiglottis and right vallecula into the soft tissues of the neck. In general, the mass demonstrates decreased enhancement when compared to the prior study. Areas of hypodensity within the mass lesion likely represents areas of necrosis. Similarly, a cavity is seen at the base of the right tongue consistent with necrotic changes from post radiation treatment. The supraglottic larynx is

critically narrowed with only a small opening measuring 3 mm at the level of the hyoid bone, however the patient swallowed during the exam thus the true luminal diameter is difficult to measure.

Nodular thickening and enhancement of the left base of tongue and lingular tonsils likely from posttreatment changes, comparable to prior. Increased thickening of the glottic and subglottic tissues likely from post treatment changes.

New small nodular enhancing lesions in the right posterior paraspinal muscles measuring 7 mm (series 605 image 53) and 10 mm (series 605 image 52). The largest lesion demonstrate central area of hypodensity, likely necrosis.

The mass continues to encase the right internal carotid artery with mild narrowing, stable. The right internal jugular is collapsed and not seen which is comparable to prior.

No lytic or blastic lesion is noted within the cervical spine. Redemonstration of the multiple level degenerative changes of the spine.

The brain parenchyma to the extent visualized is within normal limits. Orbits are unremarkable. Visible paranasal sinuses and mastoid air cells are unremarkable.

CT of the chest is reported separately.

#### Procedure Note

#### Eduardo Portela de Oliveira - 18/05/2022

CT SCAN OF THE NECK

CLINICAL HISTORY: "Stage 4 H/N cancer. ? Response to immunotherapy and radiation."

COMPARISON: CT neck dated January 13, 2022.

TECHNIQUE: Helical sections through the neck with administration of intravenous contrast.

#### FINDINGS:

Redemonstration of the conglomerate nodal mass involving right cervical level 2 and 3 has decreased in size compared to prior MRI measuring 4.7 x 2.0 x 4.7 cm, previously 6.4 x 2.6 x 5.4 cm (AP X TRS X CC). The mass extends from the right tongue base, epiglottis and right vallecula into the soft tissues of the neck. In general, the mass demonstrates decreased enhancement when compared to the prior study. Areas of hypodensity within the mass lesion likely represents areas of necrosis. Similarly, a cavity is seen at the base of the right tongue consistent with necrotic changes from post radiation treatment. The supraglottic larynx is critically narrowed with only a small opening measuring 3 mm at the level of the hyoid bone, however the patient swallowed during the exam thus the true luminal diameter is difficult to measure.

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The mass continues to encase the right internal carotid artery with mild narrowing, stable. The right internal jugular is collapsed and not seen which is comparable to prior.

No lytic or blastic lesion is noted within the cervical spine. Redemonstration of the multiple level degenerative changes of the spine.

The brain parenchyma to the extent visualized is within normal limits. Orbits are unremarkable. Visible paranasal sinuses and mastoid air cells are unremarkable.

CT of the chest is reported separately.

#### IMPRESSION:

- 1. Mild interval decrease in the size and enhancement of the conglomerate heterogeneously mass centered in the right cervical level 2.
- 2. New small enhancing lesions in the right posterior cervical area adjacent to the paraspinal muscles may represent new nodal metastatic deposits or posttreatment changes. Correlation with MRI is recommended.
- 3. Posttreatment changes causing mucosal thickening throughout the supraglottic mucosa leading to significant narrowing of the

airway, however patient swallowed during the exam which limits assessment of the true luminal narrowing. As per epic notes, the patient was already seen in clinic on May 16, 2022 and there were no complaints related to the airway.

For report clarification: rads@toh.ca

Authorizing Provider Result Type

Vickers

IMG CT PROCEDURES

Performing Organization Address City/State/ZIP Code Phone Number

ATL POWERSCRIBE

Michael MacDonald

# CT CHEST W IV CONTRAST - Final result (13/05/2022 9:00 AM EDT)

Anatomical Region Laterality Modality

Chest Computed Tomography

Anatomical Location / Collection Method /

Specimen (Source) Laterality Volume Collection Time Received Time

16/05/2022 11:22 AM

EDT

**Impressions** 

ATL POWERSCRIBE - 16/05/2022 11:38 AM EDT

There are 2 prominent lymph nodes in the mediastinum. One of these is slightly smaller than on the previous study. However, neither were present one year ago.. No significant pulmonary nodules.

For report clarification: rads@toh.ca

Narrative

# ATL POWERSCRIBE - 16/05/2022 11:38 AM EDT

CT THORAX WITH CONTRAST (ROUTINE)

INDICATION: Stage IV head and neck cancer.? Response to immunotherapy and radiation.

COMPARISON: January 13, 2022

LUNGS: There is scattered areas of groundglass opacity in the lungs, and these were present previously and have decreased in size and number. There is a nodular area in the right middle lobe (series 8 image #165) which is just above the diaphragm. It appears unchanged from previous. Small nodule in the right lower lobe (image #136) and 2 in the left upper lobe (image #58 and #85) are stable.

TRACHEOBRONCHIAL TREE: Unremarkable.

LYMPH NODES & MEDIASTINUM: A lymph node in the AP window measures 11 mm in width (previously 13 mm) and a node immediately behind the left pulmonary artery measures 10 mm in width and is stable. These nodes were not apparent on a previous study in June 2021. No other lymph nodes noted.

PLEURA & PERICARDIUM: Unremarkable.

HEART & VESSELS: Coronary calcification in all 3 major vessels, severe in degree.

ESOPHAGUS & Neck: Lower neck is unremarkable.

BONES & CHEST WALL: Unremarkable.

UPPER ABDOMEN: CT abdomen reported separately.

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Procedure Note

# Rebecca Peterson - 16/05/2022

Formatting of this note might be different from the original.

CT THORAX WITH CONTRAST (ROUTINE)

INDICATION: Stage IV head and neck cancer.? Response to immunotherapy and radiation.

COMPARISON: January 13, 2022

LUNGS: There is scattered areas of groundglass opacity in the lungs, and these were present previously and have decreased in size and number. There is a nodular area in the right middle lobe (series 8 image #165) which is just above the diaphragm. It appears unchanged from previous. Small nodule in the right lower lobe (image #136) and 2 in the left upper lobe (image #58 and #85) are stable

TRACHEOBRONCHIAL TREE: Unremarkable.

LYMPH NODES & MEDIASTINUM: A lymph node in the AP window measures 11 mm in width (previously 13 mm) and a node immediately behind the left pulmonary artery measures 10 mm in width and is stable. These nodes were not apparent on a previous study in June 2021. No other lymph nodes noted.

PLEURA & PERICARDIUM: Unremarkable.

HEART & VESSELS: Coronary calcification in all 3 major vessels, severe in degree.

ESOPHAGUS & Neck: Lower neck is unremarkable.

BONES & CHEST WALL: Unremarkable.

UPPER ABDOMEN: CT abdomen reported separately.

-----

#### **IMPRESSION:**

There are 2 prominent lymph nodes in the mediastinum. One of these is slightly smaller than on the previous study. However, neither were present one year ago.. No significant pulmonary nodules.

For report clarification: rads@toh.ca

Authorizing Provider

Result Type

Michael MacDonald

IMG CT PROCEDURES

Vickers

D ( . 0

Performing Organization Address

City/State/ZIP Code

Phone Number

ATL POWERSCRIBE

# CT ABDOMEN PELVIS W IV CONTRAST - Final result (13/05/2022 9:00 AM EDT)

**Anatomical Region** 

Laterality

Modality

Body, Abdomen, Pelvis, Y

Computed Tomography

Anatomical Location /

Collection Method /

Specimen (Source)

Laterality Volum

Volume Collection Time

Received Time

16/05/2022 5:41 PM EDT

**Impressions** 

#### ATL POWERSCRIBE - 16/05/2022 5:47 PM EDT

There is a new indeterminate hypodensity in the liver measuring 10 mm image 59:601 adjacent to a cyst. The appearance is indeterminate and a new hypodense liver observation in a cancer patient should be treated as suspicious until proven otherwise. Further workup with liver ultrasound and liver MRI is recommended. MRI will offer a more specific diagnosis and if it's visible on ultrasound and may be possible to target with ultrasound-guided biopsy.

For report clarification: rads@toh.ca

Narrative

#### ATL POWERSCRIBE - 16/05/2022 5:47 PM EDT

CT ABDOMEN & PELVIS

INDICATION: Age: 68 years old; Male, "stage 4 H/N cancer. ? Response to immunotherapy and radiation" TECHNIQUE: Routine portal venous phase contrast-enhanced evaluation. Oral contrast was not given. COMPARISON: Prior CT abdomen pelvis January 13, 2022

HEPATOBILIARY SYSTEM:

Liver: Stable small foci near the dome the liver image 47:601 in segment 7/8 are likely cysts. Stable well-defined 18 mm cyst segment 6 image 59:601. There is an adjacent 10 mm hypodensity in segment 6 image 59:601 which is not seen on the prior study and of uncertain significance.

Biliary Tree: No important gallbladder abnormality. No important abnormality of the biliary tree.

Pancreas: No important abnormality.

GASTROINTESTINAL TRACT: No important abnormality.

GENITOURINARY SYSTEM:

Adrenals: No important abnormality.

Kidneys / Ureters: Comparable bilateral parapelvic cysts. No hydronephrosis.

Urinary Bladder: No important abnormality.

Reproductive Organs: Prostatomegaly

LYMPHATIC SYSTEM: No important abnormality of the spleen. No lymphadenopathy. PERITONEUM, RETROPERITONEUM & MESENTERY: No ascites or nodular peritoneal disease. VESSELS & OTHER: Mild atherosclerotic calcification of aorta. No venous abnormality. BONES / BODY WALL: No important bony abnormality. No body wall abnormality.

LOWER THORAX (lung bases, heart): CT chest reported separately.

\_\_\_\_\_

Procedure Note

#### David Blair MacDonald - 16/05/2022

Formatting of this note might be different from the original.

CT ABDOMEN & PELVIS

INDICATION: Age: 68 years old; Male, "stage 4 H/N cancer. ? Response to immunotherapy and radiation" TECHNIQUE: Routine portal venous phase contrast-enhanced evaluation. Oral contrast was not given.

COMPARISON: Prior CT abdomen pelvis January 13, 2022

#### **HEPATOBILIARY SYSTEM:**

Liver: Stable small foci near the dome the liver image 47:601 in segment 7/8 are likely cysts. Stable well-defined 18 mm cyst segment 6 image 59:601. There is an adjacent 10 mm hypodensity in segment 6 image 59:601 which is not seen on the prior study and of uncertain significance.

Biliary Tree: No important gallbladder abnormality. No important abnormality of the biliary tree.

Pancreas: No important abnormality.

GASTROINTESTINAL TRACT: No important abnormality.

**GENITOURINARY SYSTEM:** 

Adrenals: No important abnormality.

Kidneys / Ureters: Comparable bilateral parapelvic cysts. No hydronephrosis.

Urinary Bladder: No important abnormality. Reproductive Organs: Prostatomegaly

LYMPHATIC SYSTEM: No important abnormality of the spleen. No lymphadenopathy.

PERITONEUM, RETROPERITONEUM & MESENTERY: No ascites or nodular peritoneal disease.

VESSELS & OTHER: Mild atherosclerotic calcification of aorta. No venous abnormality.

BONES / BODY WALL: No important bony abnormality. No body wall abnormality.

LOWER THORAX (lung bases, heart): CT chest reported separately.

### IMPRESSION:

There is a new indeterminate hypodensity in the liver measuring 10 mm image 59:601 adjacent to a cyst. The appearance is indeterminate and a new hypodense liver observation in a cancer patient should be treated as suspicious until proven otherwise. Further workup with liver ultrasound and liver MRI is recommended. MRI will offer a more specific diagnosis and if it's visible on ultrasound and may be possible to target with ultrasound-guided biopsy.

For report clarification: rads@toh.ca

Performing Organization Address

**EORLA** 

Authorizing Provider	Result Type		
Michael MacDonald Vickers	IMG CT PROCEDURES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
ATL POWERSCRIBE			

GLUCOSE RANDOM - F	inal result (09)	<sup>'</sup> 05/2022 <sup>'</sup>	10:15 AM EDT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	7.4	4.0 - 11.0 mmol/L			EORLA	
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood				09/05/2022 EDT	10:15 AM	09/05/2022 10:33 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD O	RDERABLES				

City/State/ZIP Code

Phone Number

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	5.5	2.0 - 7.5 x10^9/L			EORLA	
Lymphocyte	0.9	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.6	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.2	0.0 - 0.5 x10^9/L			EORLA	
Basophil	0.0	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.0	<=0.1 x10^9/L			EORLA	
S : (C )	Anatomical Loc	cation /	Collection Method /			D : 17
Specimen (Source) Blood	Laterality		Volume	Collection T		Received Time
віоод				09/05/2022 EDT	TU: TS AIVI	09/05/2022 10:34 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	RDERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
CREATININE - Final resu	uit (09/05/2022	2 10:15 AN Ref	/IEDI)	Analysis	Performed	
Component	Value		Test Method			Pathologist Signature
Creatinine	Value	Range	Test Method	Time	At	Pathologist Signature
Component Creatinine	Value 84		Test Method			Pathologist Signature
Creatinine		Range 62 - 100 umol/L	Test Method  Collection Method / Volume		At EORLA	Pathologist Signature  Received Time
	84 Anatomical Loc	Range 62 - 100 umol/L	Collection Method /	Time	At EORLA	
Specimen (Source) Blood (Blood, Venous)	Anatomical Loc Laterality	Range 62 - 100 umol/L	Collection Method /	Collection T 09/05/2022	At EORLA	Received Time 09/05/2022 10:33 AM
Creatinine  Specimen (Source)	84 Anatomical Loc	Range 62 - 100 umol/L cation /	Collection Method /	Collection T 09/05/2022	At EORLA	Received Time 09/05/2022 10:33 AM
Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald	Anatomical Loc Laterality  Result Type  LAB BLOOD OR	Range 62 - 100 umol/L cation /	Collection Method /	Collection T 09/05/2022	At EORLA ime 10:15 AM	Received Time 09/05/2022 10:33 AM
Creatinine  Specimen (Source)  Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald  Vickers	Anatomical Loc Laterality  Result Type  LAB BLOOD OR	Range 62 - 100 umol/L cation /	Collection Method / Volume	Collection T 09/05/2022 EDT	At EORLA ime 10:15 AM	Received Time 09/05/2022 10:33 AM
Creatinine  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization	Anatomical Loc Laterality  Result Type  LAB BLOOD OR  Address	Range 62 - 100 umol/L cation /	Collection Method / Volume  City/State/ZIP Code	Collection T 09/05/2022 EDT	At EORLA ime 10:15 AM	Received Time 09/05/2022 10:33 AM
Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  (ABNORMAL) CBC - Final	Anatomical Loc Laterality  Result Type  LAB BLOOD OR  Address	Range 62 - 100 umol/L cation / RDERABLES  022 10:15 Ref	Collection Method / Volume  City/State/ZIP Code  AM EDT)	Collection T 09/05/2022 EDT  Phone Num  Analysis	At EORLA  ime 10:15 AM  ber	Received Time 09/05/2022 10:33 AM EDT
Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  (ABNORMAL) CBC - Final Component	Anatomical Local Laterality  Result Type  LAB BLOOD OR  Address  result (09/05/20)  Value	Range 62 - 100 umol/L cation /  RDERABLES  022 10:15 Ref Range	Collection Method / Volume  City/State/ZIP Code  AM EDT)  Test Method	Collection T 09/05/2022 EDT  Phone Num	At  EORLA  ime  10:15 AM  ber  Performed At	Received Time 09/05/2022 10:33 AM
Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  (ABNORMAL) CBC - Final Component WBC	Anatomical Loc Laterality  Result Type  LAB BLOOD OR  Address  result (09/05/20)  Value 7.2	Range 62 - 100 umol/L cation /  RDERABLES  022 10:15 Ref Range 3.5 - 10.5 x10^9/L	Collection Method / Volume  City/State/ZIP Code  AM EDT)  Test Method	Collection T 09/05/2022 EDT  Phone Num  Analysis	At EORLA  ime 10:15 AM  ber  Performed At EORLA	Received Time 09/05/2022 10:33 AM EDT
Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  (ABNORMAL) CBC - Final Component	Anatomical Local Laterality  Result Type  LAB BLOOD OR  Address  result (09/05/20)  Value	Range 62 - 100 umol/L cation /  RDERABLES  022 10:15 Ref Range 3.5 - 10.5	Collection Method / Volume  City/State/ZIP Code  AM EDT)  Test Method	Collection T 09/05/2022 EDT  Phone Num  Analysis	At  EORLA  ime  10:15 AM  ber  Performed At	Received Time 09/05/2022 10:33 AM EDT
Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  (ABNORMAL) CBC - Final Component WBC	Anatomical Loc Laterality  Result Type  LAB BLOOD OR  Address  result (09/05/20)  Value 7.2	Range 62 - 100 umol/L cation /  RDERABLES  022 10:15 Ref Range 3.5 - 10.5 x10^9/L 4.00 - 5.50	Collection Method / Volume  City/State/ZIP Code  AM EDT)  Test Method	Collection T 09/05/2022 EDT  Phone Num  Analysis	At EORLA  ime 10:15 AM  ber  Performed At EORLA	Received Time 09/05/2022 10:33 AM EDT
Creatinine  Specimen (Source)  Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald  Vickers  Performing Organization  EORLA  (ABNORMAL) CBC - Final  Component  WBC  RBC	Anatomical Loc Laterality  Result Type  LAB BLOOD OR  Address  result (09/05/26)  Value  7.2  3.59 (L)	Range 62 - 100 umol/L cation /  Cati	Collection Method / Volume  City/State/ZIP Code  AM EDT)  Test Method	Collection T 09/05/2022 EDT  Phone Num  Analysis	At EORLA  ime 10:15 AM  ber  Performed At EORLA  EORLA	Received Time 09/05/2022 10:33 AM EDT

		100.0 fL				
МСН	30.9	27.0 - 34.0 pg			EORLA	
МСНС	326	315 - 355 g/L			EORLA	
RDW	13.2	11.5 - 15.5 %			EORLA	
Plat	275	130 - 380 x10^9/L			EORLA	
MPV	8.9 (L)	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	Fina A	Received Time
Blood (Blood, Venous)	Laterancy		Volume	09/05/2022 EDT		09/05/2022 10:34 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	.DERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	nber	
ALT - Final result (09/05	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	12	12 - 49 U/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	Гima	Received Time
Blood (Blood, Venous)	Lateranty		Volume	09/05/2022 EDT		09/05/2022 10:33 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	nber	
TSH - Final result (09/05	5/2022 10:15 A	AM EDT) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
TSH	1.71	0.27 - 4.20 mIU/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	Timo.	Received Time
Blood (Blood, Venous)	Lateranty		Volume	09/05/2022 EDT		09/05/2022 10:33 AM EDT

Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ALIZALINE DUOCDUATA	CE (ALD) E'	1. (0	0/05/2022 40 45 AAA 5	DT)		
ALKALINE PHOSPHATA	SE (ALP) - Fina	n result (0 Ref	9/05/2022 10:15 AM E		Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
ALP	69	50 - 112			EORLA	
		U/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality	cation /	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				09/05/2022		09/05/2022 10:33 AM
				EDT		EDT
Authorizina Drovidor	Dogult Turo					
Authorizing Provider  Michael MacDonald	Result Type  LAB BLOOD OI	DEDARI ES				
Vickers	LAB BLOOD OF	VDLIVADELS				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
CK - Final result (09/05/	2022 10:15 AN	M EDT)				
•		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
CK	148	52 - 256 U/L			EORLA	
		0/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				09/05/2022 EDT	10:15 AM	09/05/2022 10:33 AM EDT
				LDT		LUI
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
EORLA	7.444.633		City/ State/ Zii Code	THORIC HAIN		
BILIRUBIN, TOTAL - Fina	ıl result (09/05		15 AM EDT)	A 1 .	D ( 1	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	7	<=15	1030 111001100		EORLA	r atriologist signature
		umol/L				
Specimen (Source)	Anatomical Local Laterality	cation /	Collection Method / Volume	Collection T	ima	Received Time
Blood (Blood, Venous)	Lateranty		Volume	09/05/2022		09/05/2022 10:33 AM
(2.000)				EDT		EDT
Authorizing Provider	Result Type	205040150				
Michael MacDonald Vickers	LAB BLOOD OF	KDEKABLES				
VICKCIS						

Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
FLECTROLVE DANIEL (F	LECTROLVIEC	Final va	l+ (00 (0F (2022 10:1)			
ELECTROLYTE PANEL (E	ELECTROLYTES)	Ref	suit (09/05/2022 10:1:		Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
Na	138	136 - 144			EORLA	Tathologist signature
		mmol/L				
K	4.6	3.5 - 5.1			EORLA	
		mmol/L				
Cl	102	98 - 107 mmol/L			EORLA	
CO2	28	19 - 30			EORLA	
COZ	20	mmol/L			LONLA	
Anion Gap	8	8 - 16			EORLA	
·		mmol/L				
	A	+: /	Callantian Mathaul /			
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				09/05/2022		09/05/2022 10:33 AM
				EDT		EDT
Anatha anial and Day 11	Decide T					
Authorizing Provider	Result Type  LAB BLOOD OR					
Michael MacDanald	LAB BLOOD OR	(DEKABLES				
Michael MacDonald Vickers						
Michael MacDonald Vickers						
Vickers  Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
Vickers	Address		City/State/ZIP Code	Phone Num	ber	
Vickers  Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
Vickers  Performing Organization  EORLA				Phone Num	ber	
Vickers  Performing Organization						
Vickers  Performing Organization  EORLA		Ref		Phone Num  Analysis Time	ber  Performed At	Pathologist Signature
Vickers  Performing Organization EORLA  GLUCOSE RANDOM - F	inal result (11/	Ref Range 4.0 - 11.0	):45 AM EDT) Test Method	Analysis	Performed	Pathologist Signature
Vickers  Performing Organization EORLA  GLUCOSE RANDOM - F	inal result (11/0	Ref Range	):45 AM EDT) Test Method	Analysis	Performed At	Pathologist Signature
Vickers  Performing Organization EORLA  GLUCOSE RANDOM - F	inal result (11/0 Value 6.1	Ref Range 4.0 - 11.0 mmol/L	7:45 AM EDT) Test Method	Analysis	Performed At	Pathologist Signature
Vickers  Performing Organization EORLA  GLUCOSE RANDOM - F	inal result (11/0	Ref Range 4.0 - 11.0 mmol/L	):45 AM EDT) Test Method	Analysis	Performed At EORLA	Pathologist Signature  Received Time
Performing Organization EORLA  GLUCOSE RANDOM - F  Component Glucose Random	Value 6.1  Anatomical Loc	Ref Range 4.0 - 11.0 mmol/L	7:45 AM EDT)  Test Method  Collection Method /	Analysis Time Collection T	Performed At EORLA	
Vickers  Performing Organization EORLA  GLUCOSE RANDOM - F  Component Glucose Random  Specimen (Source)	Value 6.1  Anatomical Loc	Ref Range 4.0 - 11.0 mmol/L	7:45 AM EDT)  Test Method  Collection Method /	Analysis Time Collection T	Performed At EORLA	Received Time
Performing Organization EORLA  GLUCOSE RANDOM - F Component Glucose Random  Specimen (Source) Blood	Value 6.1  Anatomical Loc Laterality	Ref Range 4.0 - 11.0 mmol/L	7:45 AM EDT)  Test Method  Collection Method /	Analysis Time Collection T	Performed At EORLA	Received Time 11/04/2022 10:00 AM
Performing Organization EORLA  GLUCOSE RANDOM - F Component Glucose Random  Specimen (Source) Blood  Authorizing Provider	Value 6.1  Anatomical Loc Laterality  Result Type	Ref Range 4.0 - 11.0 mmol/L cation /	7:45 AM EDT)  Test Method  Collection Method /	Analysis Time Collection T	Performed At EORLA	Received Time 11/04/2022 10:00 AM
Performing Organization EORLA  GLUCOSE RANDOM - F Component Glucose Random  Specimen (Source) Blood	Value 6.1  Anatomical Loc Laterality	Ref Range 4.0 - 11.0 mmol/L cation /	7:45 AM EDT)  Test Method  Collection Method /	Analysis Time Collection T	Performed At EORLA	Received Time 11/04/2022 10:00 AM
Performing Organization EORLA  GLUCOSE RANDOM - F Component Glucose Random  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers	Value 6.1  Anatomical Loc Laterality  Result Type LAB BLOOD OR	Ref Range 4.0 - 11.0 mmol/L cation /	Test Method  Collection Method / Volume	Analysis Time Collection Ti 11/04/2022	Performed At EORLA ime 9:45 AM EDT	Received Time 11/04/2022 10:00 AM
Vickers  Performing Organization EORLA  GLUCOSE RANDOM - F Component Glucose Random  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers  Performing Organization	Value 6.1  Anatomical Loc Laterality  Result Type LAB BLOOD OR	Ref Range 4.0 - 11.0 mmol/L cation /	7:45 AM EDT)  Test Method  Collection Method /	Analysis Time Collection T	Performed At EORLA ime 9:45 AM EDT	Received Time 11/04/2022 10:00 AM
Performing Organization EORLA  GLUCOSE RANDOM - F Component Glucose Random  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers	Value 6.1  Anatomical Loc Laterality  Result Type LAB BLOOD OR	Ref Range 4.0 - 11.0 mmol/L cation /	Test Method  Collection Method / Volume	Analysis Time Collection Ti 11/04/2022	Performed At EORLA ime 9:45 AM EDT	Received Time 11/04/2022 10:00 AM
Vickers  Performing Organization EORLA  GLUCOSE RANDOM - F Component Glucose Random  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers  Performing Organization	Value 6.1  Anatomical Loc Laterality  Result Type LAB BLOOD OR	Ref Range 4.0 - 11.0 mmol/L cation /	Test Method  Collection Method / Volume	Analysis Time Collection Ti 11/04/2022	Performed At EORLA ime 9:45 AM EDT	Received Time 11/04/2022 10:00 AM
Vickers  Performing Organization EORLA  GLUCOSE RANDOM - F Component Glucose Random  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers  Performing Organization	Value 6.1  Anatomical Loc Laterality  Result Type LAB BLOOD OR  Address	Ref Range 4.0 - 11.0 mmol/L cation /	City/State/ZIP Code	Analysis Time  Collection Ti 11/04/2022	Performed At EORLA ime 9:45 AM EDT	Received Time 11/04/2022 10:00 AM
Performing Organization EORLA  GLUCOSE RANDOM - F Component Glucose Random  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  (ABNORMAL) AUTOMAT	Value 6.1  Anatomical Loc Laterality  Result Type LAB BLOOD OR  Address	Ref Range 4.0 - 11.0 mmol/L cation /	2:45 AM EDT)  Test Method  Collection Method / Volume  City/State/ZIP Code	Analysis Time  Collection Ti 11/04/2022  Phone Num  AM EDT) Analysis	Performed At EORLA  ime 9:45 AM EDT  ber	Received Time 11/04/2022 10:00 AM EDT
Performing Organization EORLA  GLUCOSE RANDOM - F Component Glucose Random  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  (ABNORMAL) AUTOMAT Component	Value 6.1  Anatomical Loc Laterality  Result Type LAB BLOOD OR  Address  ED DIFFERENTIA  Value	Ref Range 4.0 - 11.0 mmol/L cation / CAL - Final re Ref Range	City/State/ZIP Code	Analysis Time  Collection Ti 11/04/2022  Phone Num	Performed At EORLA  ime 9:45 AM EDT  ber  Performed At	Received Time 11/04/2022 10:00 AM
Performing Organization EORLA  GLUCOSE RANDOM - F Component Glucose Random  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  (ABNORMAL) AUTOMAT	Value 6.1  Anatomical Loc Laterality  Result Type LAB BLOOD OR  Address	Ref Range 4.0 - 11.0 mmol/L cation /	2:45 AM EDT)  Test Method  Collection Method / Volume  City/State/ZIP Code	Analysis Time  Collection Ti 11/04/2022  Phone Num  AM EDT) Analysis	Performed At EORLA  ime 9:45 AM EDT  ber	Received Time 11/04/2022 10:00 AM EDT
Performing Organization EORLA  GLUCOSE RANDOM - F Component Glucose Random  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  (ABNORMAL) AUTOMAT Component Neutrophil	Value 6.1  Anatomical Loc Laterality  Result Type LAB BLOOD OR  Address  Value 7.3	Ref Range 4.0 - 11.0 mmol/L cation / RDERABLES AL - Final re Ref Range 2.0 - 7.5 x10^9/L	2:45 AM EDT)  Test Method  Collection Method / Volume  City/State/ZIP Code	Analysis Time  Collection Ti 11/04/2022  Phone Num  AM EDT) Analysis	Performed At EORLA  ime 9:45 AM EDT  ber  Performed At EORLA	Received Time 11/04/2022 10:00 AM EDT
Performing Organization EORLA  GLUCOSE RANDOM - F Component Glucose Random  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  (ABNORMAL) AUTOMAT Component	Value 6.1  Anatomical Loc Laterality  Result Type LAB BLOOD OR  Address  ED DIFFERENTIA  Value	Ref Range 4.0 - 11.0 mmol/L cation / RDERABLES AL - Final re Ref Range 2.0 - 7.5 x10^9/L 0.8 - 3.5	2:45 AM EDT)  Test Method  Collection Method / Volume  City/State/ZIP Code	Analysis Time  Collection Ti 11/04/2022  Phone Num  AM EDT) Analysis	Performed At EORLA  ime 9:45 AM EDT  ber  Performed At	Received Time 11/04/2022 10:00 AM EDT
Performing Organization EORLA  GLUCOSE RANDOM - F Component Glucose Random  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  (ABNORMAL) AUTOMAT Component Neutrophil Lymphocyte	Value 6.1  Anatomical Loc Laterality  Result Type LAB BLOOD OR  Address  Value 7.3	Ref Range 4.0 - 11.0 mmol/L cation / RDERABLES AL - Final re Ref Range 2.0 - 7.5 x10^9/L	2:45 AM EDT)  Test Method  Collection Method / Volume  City/State/ZIP Code	Analysis Time  Collection Ti 11/04/2022  Phone Num  AM EDT) Analysis	Performed At EORLA  ime 9:45 AM EDT  ber  Performed At EORLA	Received Time 11/04/2022 10:00 AM EDT
Performing Organization EORLA  GLUCOSE RANDOM - F Component Glucose Random  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  (ABNORMAL) AUTOMAT Component Neutrophil	Value 6.1  Anatomical Loc Laterality  Result Type LAB BLOOD OR  Address  ED DIFFERENTIA  Value 7.3  0.7 (L)	Ref Range 4.0 - 11.0 mmol/L cation / RDERABLES AL - Final re Ref Range 2.0 - 7.5 x10^9/L 0.8 - 3.5 x10^9/L	2:45 AM EDT)  Test Method  Collection Method / Volume  City/State/ZIP Code	Analysis Time  Collection Ti 11/04/2022  Phone Num  AM EDT) Analysis	Performed At EORLA  ime 9:45 AM EDT  ber  Performed At EORLA  EORLA	Received Time 11/04/2022 10:00 AM EDT

		x10^9/L				
Basophil	0.0	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.0	<=0.1 x10^9/L			EORLA	
Specimen (Source)	Anatomical Loc	cation /	Collection Method / Volume	Collection T	imo	Received Time
Specimen (Source) Blood	Laterality		volume			11/04/2022 10:00 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			,			
CREATININE - Final resu  Component  Creatinine	ult (11/04/2022 Value 88	2 9:45 AM Ref Range 62 - 100 umol/L	EDT) Test Method	Analysis Time	Performed At EORLA	Pathologist Signature
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				11/04/2022	9:45 AM EDT	11/04/2022 10:00 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	RDERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
(ABNORMAL) CBC - Final	result (11/04/2	<b>022 9:45 A</b> Ref	M EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	8.9	3.5 - 10.5 x10^9/L			EORLA	
RBC	3.73 (L)	4.00 - 5.50 x10^12/L			EORLA	
HGB	116 (L)	125 - 170 g/L			EORLA	
НСТ	0.359 (L)	0.380 - 0.500 L/L			EORLA	
MCV	96.2	80.0 - 100.0 fL			EORLA	
МСН	31.1	27.0 - 34.0 pg			EORLA	
МСНС	323	315 - 355 g/L			EORLA	
RDW	12.9	11.5 - 15.5 %			EORLA	
Plat	300	130 - 380 x10^9/L			EORLA	

MPV	8.5 (L)	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				11/04/2022	9:45 AM EDT	11/04/2022 10:00 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) ALT - Final  Component	Value	Ref Range	M EDT) Test Method	Analysis Time	Performed At	Pathologist Signature
ALT Specimen (Source)	<b>9 (L)</b> Anatomical Loc Laterality	12 - 49 U/L cation /	Collection Method / Volume	Collection T	EORLA ime	Received Time
Blood (Blood, Venous)				11/04/2022 9:45 AM EDT		11/04/2022 10:00 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
TSH - Final result (11/04	4/2022 9:45 AN					
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	1.39	0.27 - 4.20 mIU/L	Test Method	Time	EORLA	Tathologist Signature
_Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Time		Received Time
Blood (Blood, Venous)				11/04/2022 9:45 AM EDT		11/04/2022 10:00 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
ALKALINE PHOSPHATA	.SE (ALP) - Fina	ıl result (1	1/04/2022 9:45 AM EE	OT)		

Ref Analysis Performed

Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	73	50 - 112			EORLA	
		U/L				
	Anatomical Lo	ocation /	Collection Method /			
Specimen (Source)	Laterality	ocation /	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)						11/04/2022 10:00 AM
,				, ,		EDT
Authorizing Provider	Result Type	ND 50 4 51 50				
Michael MacDonald Vickers	LAB BLOOD C	DKDEKABLES				
VICKCIS						
Performing Organization	on Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
CK - Final result (11/04)	/2022 Q·45 AB	A EDT)				
CK - Tillal lesuit (11/04)	72022 3.43 AN	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
CK	120	52 - 256			EORLA	
		U/L				
	A		Callagtic - Mart - 17			
Specimen (Source)	Anatomical Lo Laterality	ocation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Lateranty		Volume			11/04/2022 10:00 AM
blood (blood, veriods)				11/01/2022	3.13 / ((1) 25 )	EDT
Authorizing Provider	Result Type					
Michael MacDonald	Result Type  LAB BLOOD C	DRDERABLES				
		ORDERABLES				
Michael MacDonald	LAB BLOOD C	ORDERABLES	City/State/ZIP Code	Phone Num	nber	
Michael MacDonald Vickers	LAB BLOOD C	DRDERABLES		Phone Num	nber	
Michael MacDonald Vickers Performing Organization	LAB BLOOD C	DRDERABLES		Phone Num	nber	
Michael MacDonald Vickers Performing Organization EORLA	LAB BLOOD C		City/State/ZIP Code	Phone Num	nber	
Michael MacDonald Vickers Performing Organization	LAB BLOOD C	4/2022 9:4	City/State/ZIP Code			
Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final	Address  al result (11/0	4/2022 9:4 Ref	City/State/ZIP Code  5 AM EDT)	Analysis	Performed	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA	LAB BLOOD C	4/2022 9:4	City/State/ZIP Code		Performed At	Pathologist Signature
Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component	Address  All result (11/0)  Value	4/2022 9:4 Ref Range	City/State/ZIP Code  5 AM EDT)	Analysis	Performed	Pathologist Signature
Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component	Address  Al result (11/0  Value  4	4/2022 9:4 Ref Range <=15 umol/L	City/State/ZIP Code  5 AM EDT)  Test Method	Analysis	Performed At	Pathologist Signature
Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total	Address  Al result (11/0  Value  4  Anatomical Lo	4/2022 9:4 Ref Range <=15 umol/L	City/State/ZIP Code  5 AM EDT)  Test Method  Collection Method /	Analysis Time	Performed At EORLA	
Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Fina Component Bilirubin Total  Specimen (Source)	Address  Al result (11/0  Value  4	4/2022 9:4 Ref Range <=15 umol/L	City/State/ZIP Code  5 AM EDT)  Test Method	Analysis Time Collection T	Performed At EORLA	Received Time
Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total	Address  Al result (11/0  Value  4  Anatomical Lo	4/2022 9:4 Ref Range <=15 umol/L	City/State/ZIP Code  5 AM EDT)  Test Method  Collection Method /	Analysis Time Collection T	Performed At EORLA	
Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Fina Component Bilirubin Total  Specimen (Source)	Address  Al result (11/0  Value  4  Anatomical Lo	4/2022 9:4 Ref Range <=15 umol/L	City/State/ZIP Code  5 AM EDT)  Test Method  Collection Method /	Analysis Time Collection T	Performed At EORLA	Received Time 11/04/2022 10:00 AM
Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider	Address  Address  al result (11/0  Value  4  Anatomical Lot Laterality  Result Type	4/2022 9:4 Ref Range <=15 umol/L ocation /	City/State/ZIP Code  5 AM EDT)  Test Method  Collection Method / Volume	Analysis Time Collection T	Performed At EORLA	Received Time 11/04/2022 10:00 AM
Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald	Address  Address  Al result (11/0  Value  4  Anatomical Lo Laterality	4/2022 9:4 Ref Range <=15 umol/L ocation /	City/State/ZIP Code  5 AM EDT)  Test Method  Collection Method / Volume	Analysis Time Collection T	Performed At EORLA	Received Time 11/04/2022 10:00 AM
Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider	Address  Address  al result (11/0  Value  4  Anatomical Lot Laterality  Result Type	4/2022 9:4 Ref Range <=15 umol/L ocation /	City/State/ZIP Code  5 AM EDT)  Test Method  Collection Method / Volume	Analysis Time Collection T	Performed At EORLA	Received Time 11/04/2022 10:00 AM
Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers	Address  Address  Al result (11/0  Value  4  Anatomical Lot Laterality  Result Type  LAB BLOOD C	4/2022 9:4 Ref Range <=15 umol/L ocation /	City/State/ZIP Code  5 AM EDT)  Test Method  Collection Method / Volume	Analysis Time Collection T	Performed At EORLA 	Received Time 11/04/2022 10:00 AM
Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald	Address  Address  Al result (11/0  Value  4  Anatomical Lot Laterality  Result Type  LAB BLOOD C	4/2022 9:4 Ref Range <=15 umol/L ocation /	City/State/ZIP Code  5 AM EDT)  Test Method  Collection Method / Volume	Analysis Time Collection T 11/04/2022	Performed At EORLA 	Received Time 11/04/2022 10:00 AM
Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization	Address  Address  Al result (11/0  Value  4  Anatomical Lot Laterality  Result Type  LAB BLOOD C	4/2022 9:4 Ref Range <=15 umol/L ocation /	City/State/ZIP Code  5 AM EDT)  Test Method  Collection Method / Volume	Analysis Time Collection T 11/04/2022	Performed At EORLA 	Received Time 11/04/2022 10:00 AM
Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA	Address  Address  Al result (11/0  Value  4  Anatomical Lot Laterality  Result Type  LAB BLOOD Co	A/2022 9:4 Ref Range <=15 umol/L ocation /	City/State/ZIP Code  5 AM EDT)  Test Method  Collection Method / Volume  City/State/ZIP Code	Analysis Time  Collection T 11/04/2022	Performed At EORLA 	Received Time 11/04/2022 10:00 AM
Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization	Address  Address  Al result (11/0  Value  4  Anatomical Lot Laterality  Result Type  LAB BLOOD Co	4/2022 9:4 Ref Range <=15 umol/L ocation /  ORDERABLES	City/State/ZIP Code  5 AM EDT)  Test Method  Collection Method / Volume  City/State/ZIP Code	Analysis Time  Collection T 11/04/2022  Phone Num	Performed At EORLA Time 9:45 AM EDT	Received Time 11/04/2022 10:00 AM
Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  ELECTROLYTE PANEL (E	Address  Al result (11/0  Value  4  Anatomical Lot Laterality  Result Type LAB BLOOD C  Address	A/2022 9:4 Ref Range <=15 umol/L ocation /  DRDERABLES  S) - Final re Ref	City/State/ZIP Code  5 AM EDT)  Test Method  Collection Method / Volume  City/State/ZIP Code	Analysis Time  Collection T 11/04/2022  Phone Num  AM EDT) Analysis	Performed At EORLA  Time 9:45 AM EDT	Received Time 11/04/2022 10:00 AM EDT
Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA	Address  Address  Al result (11/0  Value  4  Anatomical Lot Laterality  Result Type  LAB BLOOD Co	4/2022 9:4 Ref Range <=15 umol/L ocation /  ORDERABLES	City/State/ZIP Code  5 AM EDT)  Test Method  Collection Method / Volume  City/State/ZIP Code  esult (11/04/2022 9:45  Test Method	Analysis Time  Collection T 11/04/2022  Phone Num	Performed At EORLA Time 9:45 AM EDT	Received Time 11/04/2022 10:00 AM

К	4.3	3.5 - 5.1 mmol/L		EORLA			
Cl	103	98 - 107 mmol/L	EORLA				
CO2	29	19 - 30 mmol/L	EORLA				
Anion Gap	9	8 - 16 mmol/L		EORLA			
	Anatomical Loc	cation /	Collection Method /				
Specimen (Source)	Laterality	,	Volume	Collection Time	Received Time		
Blood (Blood, Venous)	-			11/04/2022 9:45 AM EDT	11/04/2022 10:00 AM EDT		
Authorizing Provider	Result Type						
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES					
Performing Organization	Address		City/State/ZIP Code	Phone Number			
EORLA							

# (ABNORMAL) EGFR - Final result (11/04/2022 9:45 AM EDT)

Component	Value	Ref Range Test Method	Analysis Performed Time At Pathologist Signature
Creatinine	88	62 - 100 umol/L	EORLA
EGFR (CKD-EPI)	78 (L)	>=90 mL/min/1.73 m^2	EORLA

#### Comment:

An eGFR result between 60-89 mL/min/1.73 m^2 is consistent with mildly decreased kidney function. However, in the absence of other evidence of kidney disease, eGFR values in this range do not fulfil the KDIGO criteria for chronic kidney

disease. Interpret results in concert with ACR measurement.

eGFR is calculated based on the CKD-EPI equation (Ann Intern Med. 2009 May 5;150(9):604-12) from sex, age, and creatinine without taking into account race or ancestry. This calculation is limited and does not necessarily apply to children,

elderly and transgender people, extremes of body mass, those with loss of limb, those on diets with extremes of meat content, and medications that affect creatinine concentration, such as sulphamethoxazole,

trimethoprim, H2-antagonists, and fenofibrate.

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			11/04/2022 9:45 AM EDT	11/04/2022 10:00 AM EDT
Authorizing Provider	Result Type			
Marc Gaudet	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

# GLUCOSE RANDOM - Final result (11/03/2022 10:26 AM EST)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	5.8	4.0 - 11.0 mmol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality		Collection Method / Volume	Collection T		Received Time 11/03/2022 10:33 AM
Blood				11/03/2022 EST	10:26 AM	11/03/2022 10:33 AM EST
				-		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	KDEKABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Number		
EORLA						
(ABNORMAL) AUTOMAT	ED DIFFERENTI	<b>AL - Final r</b> Ref	esult (11/03/2022 10:26		Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
Neutrophil	7.6 (H)	2.0 - 7.5			EORLA	
		x10^9/L				
Lymphocyte	1.1	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.6	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.4	0.0 - 0.5 x10^9/L			EORLA	
Basophil	0.0	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.0	<=0.1 x10^9/L			EORLA	
Consider (Course)	Anatomical Lo	cation /	Collection Method /	Callastias T		Received Time
Specimen (Source) Blood	Laterality		Volume	Collection Time 11/03/2022 10:26 AM		11/03/2022 10:33 AM
Diedd				EST	10.2071111	EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
CREATININE - Final resu	ult (11/03/202	2 10:26 AN Ref	И EST)	Analysis	Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
Creatinine	84	62 - 100 umol/L			EORLA	3 3
Specimen (Source)	Anatomical Lo	cation /	Collection Method / Volume	Collection Ti	ime	Received Time
Blood (Blood, Venous)				11/03/2022 EST		11/03/2022 10:33 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
LONE						

71 (L) 7 (L) 853 (L) .1 .5 1 .6 0 7 (L)	Range  3.5 - 10.5 x10^9/L  4.00 - 5.50 x10^12/L  125 - 170 g/L  0.380 - 0.500 L/L  80.0 - 100.0 fL  27.0 - 34.0 pg  315 - 355 g/L  11.5 - 15.5 %  130 - 380 x10^9/L  9.0 - 14.0 fL  0.00 - 0.00	Test Method	Time	EORLA	Pathologist Signature
71 (L) 7 (L) 853 (L) .1 .5 1 .6 0 7 (L)	x10^9/L 4.00 - 5.50 x10^12/L 125 - 170 g/L 0.380 - 0.500 L/L 80.0 - 100.0 fL 27.0 - 34.0 pg 315 - 355 g/L 11.5 - 15.5 % 130 - 380 x10^9/L 9.0 - 14.0 fL			EORLA EORLA EORLA EORLA EORLA EORLA EORLA EORLA EORLA	
7 (L) 353 (L) .1 .5 .1 .6 .0 7 (L) .)	5.50 x10^12/L 125 - 170 g/L 0.380 - 0.500 L/L 80.0 - 100.0 fL 27.0 - 34.0 pg 315 - 355 g/L 11.5 - 15.5 % 130 - 380 x10^9/L 9.0 - 14.0 fL			EORLA EORLA EORLA EORLA EORLA EORLA EORLA	
7 (L) 353 (L) .1 .5 .6 0 7 (L) 00	125 - 170 g/L  0.380 - 0.500 L/L  80.0 - 100.0 fL  27.0 - 34.0 pg  315 - 355 g/L  11.5 - 15.5 %  130 - 380 x10^9/L  9.0 - 14.0 fL  0.00 -			EORLA EORLA EORLA EORLA EORLA EORLA	
353 (L) .1 .5 .6 .6 .7 (L) .00	0.380 - 0.500 L/L 80.0 - 100.0 fL 27.0 - 34.0 pg 315 - 355 g/L 11.5 - 15.5 % 130 - 380 x10^9/L 9.0 - 14.0 fL			EORLA EORLA EORLA EORLA EORLA	
.1 .5 .6 .6	80.0 - 100.0 fL 27.0 - 34.0 pg 315 - 355 g/L 11.5 - 15.5 % 130 - 380 x10^9/L 9.0 - 14.0 fL			EORLA EORLA EORLA EORLA	
1	34.0 pg 315 - 355 g/L 11.5 - 15.5 % 130 - 380 x10^9/L 9.0 - 14.0 fL			EORLA EORLA EORLA	
.6 0 <b>7 (L)</b> 0	g/L 11.5 - 15.5 % 130 - 380 x10^9/L 9.0 - 14.0 fL			EORLA EORLA	
0 <b>7 (L)</b> 0 00	15.5 % 130 - 380 x10^9/L 9.0 - 14.0 fL 0.00 -			EORLA	
<b>7 (L)</b> 000	x10^9/L 9.0 - 14.0 fL 0.00 -			EORLA	
00	fL 0.00 -				
00				EORLA	
	x10^9/L			EORLA	
	ation /	Collection Method /	Collection 1	Гime	Received Time
· · · · · · ·					11/03/2022 10:33 AN EST
sult Type					
B BLOOD ORD	DERABLES				
ldress		City/State/ZIP Code	Phone Num	nber	
		AM EST)	Analysis	Parformed	
		Test Method	Time	At	Pathologist Signature
(L)	12 - 49			EORLA	-
natomical Loca terality	ation /	Collection Method / Volume	Collection 1	Гime	Received Time
-			11/03/2022 EST	2 10:26 AM	11/03/2022 10:33 AN EST
sult Type					
	DERABLES				
ldress		City/State/ZIP Code	Phone Num	nber	
lu lu lu	erality  Sult Type  B BLOOD ORI  dress  It (11/03/20  ue  L)  atomical Local erality  Sult Type  B BLOOD ORI	sult Type B BLOOD ORDERABLES  dress  It (11/03/2022 10:26 A Ref ue Range L) 12 - 49 U/L  atomical Location / erality  sult Type B BLOOD ORDERABLES	sult Type 3 BLOOD ORDERABLES  dress City/State/ZIP Code  It (11/03/2022 10:26 AM EST)  Ref ue Range Test Method  L) 12 - 49 U/L  atomical Location / Collection Method / Volume  Sult Type 3 BLOOD ORDERABLES	erality Volume Collection 1 11/03/2022 EST  Sult Type B BLOOD ORDERABLES  dress City/State/ZIP Code Phone Num  It (11/03/2022 10:26 AM EST)  Ref ue Range Test Method Time  L) 12 - 49 U/L  atomical Location / Collection Method / Volume Collection 1 11/03/2022 EST  Sult Type B BLOOD ORDERABLES	Ref Range Test Method Time At EORLA  L) 12 - 49 U/L  Atomical Location / Volume  Collection Time  11/03/2022 10:26 AM EST)  EORLA  Collection Time  Analysis Performed Time At EORLA  Collection Method / Volume  Collection Time  11/03/2022 10:26 AM EST)  EORLA  Collection Time  11/03/2022 10:26 AM EST)  EORLA  Set Method / Volume  Collection Time  11/03/2022 10:26 AM EST

TSH - Final result (11/03	3/2022 10:26 A	M EST)				
Comment	V/-I	Ref	Table Mark L	Analysis	Performed	Delle de di Ci
Component	Value	Range	Test Method	Time	At	Pathologist Signature
TSH	1.83	0.27 - 4.20 mIU/L			EORLA	
Carriera (Carres)	Anatomical Loc	ation /	Collection Method /	Callagias T	••	Description
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				11/03/2022 EST	10:26 AW	11/03/2022 10:33 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
ALKALINE PHOSPHATA	SE (ALP) - Fina Value	l result (1 Ref Range	1/03/2022 10:26 AM E:	ST) Analysis Time	Performed At	Pathologist Signature
ALP	72	50 - 112	rest method		EORLA	r actiologist signature
,		U/L	Callegation Mathematical /		EGNER	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Euteruncy		voidine	11/03/2022 EST		11/03/2022 10:33 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
CK - Final result (11/03/	/2022 10:26 AN Value	/I EST) Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
CK	92	52 - 256	rest method		EORLA	T difference of the control of the c
G.		U/L			201121	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Lateranty		voidine	11/03/2022		11/03/2022 10:33 AM
				EST	•	EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L			EORLA	
		ulliol/L				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection		Received Time
Blood (Blood, Venous)				11/03/2022 EST	2 10:26 AM	11/03/2022 10:33 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						
ELECTROLYTE PANEL (E  Component  Na	LECTROLYTES)  Value  140	- Final re Ref Range 136 - 144 mmol/L	Test Method	AM EST) Analysis Time	Performed At EORLA	Pathologist Signature
K	4.7	3.5 - 5.1 mmol/L			EORLA	
Cl	101	98 - 107 mmol/L			EORLA	
CO2	29	19 - 30 mmol/L			EORLA	
Anion Gap	10	8 - 16 mmol/L			EORLA	
(C (C )	Anatomical Loc	cation /	Collection Method /	Callantin	<b></b>	Description
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	Collection		Received Time
ыооа (ыооа, venous)				11/03/2022 EST	2 10.26 AIVI	11/03/2022 10:33 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	RDERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Nun	nber	
TRANSTHORACIC ECHO		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
EF	68.7				ATL XCELERA MUSE MCKESSON	
Anatomical Region	Laterality	У	Modality			
			Ultrasound	1		
Carrier (C	Anatomical Loc	cation /	Collection Method /	6.11	Γ'	Description of Ti
Specimen (Source)	Laterality		Volume	Collection 24/02/2022	Time 2 7:25 AM EST	Received Time
				4+1041404	L I.LJ MIVI EST	

Narrative						
This result has an	attachment	that is	not available.			
Authorizing Provider	Result Type					
Derek James Jonker	CV ECHO PRO	CEDURES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
ATL XCELERA MUSE	radicss		erty/state/zii edae	THORE IVAII		
MCKESSON						
GLUCOSE RANDOM - F	inal result (17/	n1/2n22 1	ΙΩ·ΛΩ ΔΙΜ ΕST)			
GLOCOSE IVANDOM 1	marresare (17)	Ref	10.40 AIVI L31)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	6.3	4.0 - 11.0			EORLA	
		mmol/L				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
Blood				17/01/2022	10:40 AM	17/01/2022 1:29 PM EST
				EST		
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
EORLA	Addiess		City/State/Zii Code	THORIC INGII	ibci	
		l. (47.0)	1 (0000 10 10 11 1 FCT)			
AUTOMATED DIFFEREN	NIIAL - Final re	Ref	1/2022 10:40 AM EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	5.9	2.0 - 7.5			EORLA	
		x10^9/L				
Lymphocyte	0.9	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.5	0.1 - 1.0			EORLA	
monocyte	0.5	x10^9/L			LOTTL	
Eosinophil	0.5	0.0 - 0.5			EORLA	
		x10^9/L				
Basophil	0.0	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.0	<=0.1			EORLA	
initiature Grandiocyte	0.0	x10^9/L			LOILLI	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood	Lateranty		VOIGITIC	17/01/2022		17/01/2022 10:47 AM
				EST	<del>-</del> · ·	EST
	B 1: T					
Authorizing Provider Michael MacDonald	Result Type	חבם א פו רכ				
Authorizing Provider  Michael MacDonald  Vickers	Result Type  LAB BLOOD OR	RDERABLES				
Michael MacDonald		RDERABLES				
Michael MacDonald	LAB BLOOD OF	RDERABLES	City/State/ZIP Code	Phone Num	ber	

CREATININE - Final resu	ult (17/01/2022		1 EST)			
C	Mal a	Ref	To at Marth and	Analysis	Performed	Dath also 'st C's ast so
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	84	62 - 100 umol/L			EORLA	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection <sup>-</sup>		Received Time
Blood (Blood, Venous)				17/01/2022 EST	2 10:40 AM	17/01/2022 10:47 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA			, , , , , , , , , , , , , , , , , , ,			
(ABNORMAL) CBC - Final Component	result (17/01/2 Value	<b>022 10:40</b> A Ref Range	AM EST)  Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	7.8	3.5 - 10.5			EORLA	
		x10^9/L				
RBC	3.81 (L)	4.00 - 5.50 x10^12/L			EORLA	
HGB	123 (L)	125 - 170 g/L			EORLA	
НСТ	0.370 (L)	0.380 - 0.500 L/L			EORLA	
MCV	97.1	80.0 - 100.0 fL			EORLA	
MCH	32.3	27.0 - 34.0 pg			EORLA	
MCHC	332	315 - 355 g/L			EORLA	
RDW	12.8	11.5 - 15.5 %			EORLA	
Plat	275	130 - 380 x10^9/L			EORLA	
MPV	8.6 (L)	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection <sup>-</sup>		Received Time
Blood (Blood, Venous)				17/01/2022 EST	2 10:40 AM	17/01/2022 10:47 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						

Component		lef lange	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT		2 - 49	rest Method	Time	EORLA	Patriologist Signature
AL1		2 - 49 J/L			EURLA	
	A	: /	Callaction Mathemal /			
Specimen (Source)	Anatomical Locat Laterality	ion /	Collection Method / Volume	Collection 7	Гime	Received Time
Blood (Blood, Venous)	Lateranty		Volume	17/01/2022		17/01/2022 10:47 AN
Brook (Brook) verrous)				EST	. 10.10 /	EST
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD ORDI	ERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						
SH - Final result (17/0	•	,				
_		lef		Analysis	Performed	
Component		lange	Test Method	Time	At	Pathologist Signature
TSH		.27 -			EORLA	
		.20 nIU/L				
	"	110/L				
	Anatomical Locat	ion /	Collection Method /			
Specimen (Source)	rce) Laterality		Volume	Collection	Гіте	Received Time
Blood (Blood, Venous)				17/01/2022 EST	2 10:40 AM	17/01/2022 10:47 AN EST
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD ORDI	ERARI ES				
Vickers	LAD DEGOD GRDI	IVADELS				
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA			,, ,			
	SE (ALP) - Final r	esult (1	7/01/2022 10:40 AM I	*	Performed	
ALKALINE PHOSPHATA  Component		lef lange	Test Method	Analysis Time	At	Pathologist Signature
	Value R	ange 0 - 112	Test Method		At EORLA	Pathologist Signature
Component	Value R	lange	Test Method			Pathologist Signature
Component	Value R	ange 0 - 112 J/L	Test Method  Collection Method /			Pathologist Signature
Component	Value R	ange 0 - 112 J/L			EORLA	Received Time
Component ALP	Value R 76 5 L Anatomical Locat	ange 0 - 112 J/L	Collection Method /	Time	EORLA Time	Received Time
Component ALP  Specimen (Source) Blood (Blood, Venous)	Value R 76 5 L Anatomical Locat Laterality	ange 0 - 112 J/L	Collection Method /	Collection 17/01/2022	EORLA Time	Received Time 17/01/2022 10:47 AN
Component ALP  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider	Value R 76 5 L Anatomical Locat Laterality  Result Type	ange 0 - 112 J/L ion /	Collection Method / Volume	Collection 17/01/2022	EORLA Time	Received Time 17/01/2022 10:47 AN
Component ALP  Specimen (Source)	Value R 76 5 L Anatomical Locat Laterality	ange 0 - 112 J/L ion /	Collection Method / Volume	Collection 17/01/2022	EORLA Time	Received Time 17/01/2022 10:47 AN
Component ALP  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald	Value R 76 5 L Anatomical Locat Laterality  Result Type  LAB BLOOD ORDI	ange 0 - 112 J/L ion /	Collection Method / Volume	Collection 17/01/2022	Fime 2 10:40 AM	17/01/2022 10:47 AN

BILIRUBIN, TOTAL - Final result (17/01/2022 10:40 AM EST)

Ref Analysis Performed

Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	5	<=15			EORLA	
		umol/L				
	Anatomical Loca	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				17/01/2022 EST	10:40 AM	17/01/2022 10:47 AM EST
				LJ.		LST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
ELECTROLYTE PANEL (EI	TECTROLVTES)	Final re	ooul+ (17/01/2022 10∙4¢	V V V V ECT)		
ELECTROLITE I WINTE (FI	LECINOLITES	Ref	Suit (17/01/2022 10.70	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	141	136 - 144 mmol/L	1		EORLA	
K	4.5	3.5 - 5.1 mmol/L			EORLA	
Cl	101	98 - 107 mmol/L			EORLA	
CO2	29	19 - 30 mmol/L			EORLA	
Anion Gap	11	8 - 16			EORLA	
		mmol/L				
	Anatomical Loca	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				17/01/2022 EST	10:40 AM	17/01/2022 10:47 AM EST
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	RDERABLES	,			
Vickers						
Performing Organization	Δddress		City/State/ZIP Code	Phone Num	nher	
EORLA	Audiess		City/State/Zii coac	1 HOHO 146		
20.12						
:: CONTRA	L.	. (40./01)	::			
CT NECK W IV CONTRA						
Anatomical Region Neck	Laterality		Modality  Computed	Tomography		
INECK			Compaces	Tunography		
,	Anatomical Loca	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
				13/01/2022	2 1:57 PM EST	
Impressions						
ATI POWERSCRIRE - 1	12/01/2022 4	.26 DM F	CT			

ATL POWERSCRIBE - 13/01/2022 4:36 PM EST

Irregular right level 2/3 nodal conglomerate mass extending to the right tongue base, epiglottis, and right vallecula is more prominent compared to prior CT from October 2021. There is more conspicuous peripheral enhancement with central hypoattenuation in this mass that may be related to phase of acquisition versus an element of necrosis. The supraglottic larynx remains moderately narrowed but stable. No new cervical lymphadenopathy. Overall, findings are suspicious for interval progression of disease. MRI of the neck can be considered for further assessment.

Goncalo Manuel Fernandes Dos Santos, PGY 3

For report clarification: rads@toh.ca

#### Narrative

# ATL POWERSCRIBE - 13/01/2022 4:36 PM EST

CT SCAN OF THE NECK WITH CONTRAST

CLINICAL INFORMATION: Age: 67 years old; Male, "STage 4 H/N cancer. ? response to immunotherapy.."

COMPARISON: CT neck dated October 5, 2021.

TECHNIQUE: 2.5 mm helical sections through the neck with administration of intravenous contrast.

#### FTNDTNGS:

Known conglomerate nodal mass involving the right level 2 and 3 regions of the right neck measures  $54 \times 64 \times 26 \text{ mm}$  (CC x AP x TRS) appears slightly more prominent in AP dimension compared to October 2021. On the current study, there is heterogenous, predominantly peripheral enhancement with relative central hypoattenuation possibly reflecting an element of necrosis. The mass extends superiorly towards the right tongue base, right vallecula and right epiglottis. The supraglottic larynx is narrowed to 6 mm at the level of the hyoid bone, unchanged from previous.

The mass encases the right internal carotid artery which is mildly narrowed, comparable to previous. The mass is inseparable from the right sternocleidomastoid muscle.

There is no new cervical lymphadenopathy by size or morphologic criteria.

Parotid glands and submandibular gland are unremarkable. Thyroid gland is unremarkable

There is good opacification of the great vessels of the neck. No significant stenosis of the vessels is noted.

No lytic or blastic lesion is noted within the cervical spine. Stable multilevel degenerative changes of the cervical spine, without significant spinal canal stenosis.

The brain parenchyma to the extent visualized is within normal limits. In particular, no abnormal parenchymal or leptomeningeal hypoenhancement. The orbits are unremarkable. The paranasal sinuses are clear apart from a small polyp or retention cyst in the left maxillary sinus.

#### Procedure Note

#### Rafael Simon Glikstein - 13/01/2022

Formatting of this note might be different from the original.

CT SCAN OF THE NECK WITH CONTRAST

CLINICAL INFORMATION: Age: 67 years old; Male, "STage 4 H/N cancer. ? response to immunotherapy.."

COMPARISON: CT neck dated October 5, 2021.

TECHNIQUE: 2.5 mm helical sections through the neck with administration of intravenous contrast.

#### FINDINGS:

Known conglomerate nodal mass involving the right level 2 and 3 regions of the right neck measures  $54 \times 64 \times 26 \text{ mm}$  (CC x AP x TRS) appears slightly more prominent in AP dimension compared to October 2021. On the current study, there is heterogenous, predominantly peripheral enhancement with relative central hypoattenuation possibly reflecting an element of necrosis. The mass extends superiorly towards the right tongue base, right vallecula and right epiglottis. The supraglottic larynx is narrowed to 6 mm at the level of the hyoid bone, unchanged from previous.

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The brain parenchyma to the extent visualized is within normal limits. In particular, no abnormal parenchymal or leptomeningeal hypoenhancement. The orbits are unremarkable. The paranasal sinuses are clear apart from a small polyp or retention cyst in the left maxillary sinus.

#### IMPRESSION:

Irregular right level 2/3 nodal conglomerate mass extending to the right tongue base, epiglottis, and right vallecula is more prominent compared to prior CT from October 2021. There is more conspicuous peripheral enhancement with central hypoattenuation in this mass that may be related to phase of acquisition versus an element of necrosis. The supraglottic larynx remains moderately narrowed but stable. No new cervical lymphadenopathy. Overall, findings are suspicious for interval progression of disease. MRI of the neck can be considered for further assessment.

Goncalo Manuel Fernandes Dos Santos, PGY 3

For report clarification: rads@toh.ca

Authorizing Provider Result Type

Michael MacDonald

IMG CT PROCEDURES

Vickers

Performing Organization

Address

City/State/ZIP Code

Phone Number

ATL POWERSCRIBE

# CT CHEST W IV CONTRAST - Final result (13/01/2022 12:39 PM EST)

**Anatomical Region** 

Laterality

Modality

Chest

Computed Tomography

Anatomical Location /

Collection Method /

Specimen (Source) Laterality

Volume

Collection Time

Received Time

17/01/2022 10:42 AM

EST

**Impressions** 

# ATL POWERSCRIBE - 17/01/2022 11:13 AM EST

- 1. New groundglass opacities are seen likely infectious inflammatory.
- 2. Stable lung nodules. No evidence of pulmonary metastasis.
- 3. Enlarging left lower paratracheal lymph node. This may be reactive or represent metastatic disease.

Thank you for the consultation.

For report clarification: rads@toh.ca

Narrative

### ATL POWERSCRIBE - 17/01/2022 11:13 AM EST

CT THORAX WITH CONTRAST (ROUTINE)

CLINICAL INFORMATION PROVIDED: Age: 67 years old; Male, STage 4 H/N cancer. ? response to immunotherapy.

COMPARISON: October 2021

LUNGS & AIRWAYS: Increasing patchy right bronchovascular groundglass opacities are seen. Stable right lower lobe pulmonary nodule image 139, right upper lobe micronodule image 110. No new worrisome parenchymal nodules are seen.

LYMPH NODES & MEDIASTINUM: Further enlargement in the left lower paratracheal now measuring 13 mm previously 11mm.

PLEURA & PERICARDIUM: Unremarkable.

HEART & VESSELS: Severe coronary artery calcification is present.

ESOPHAGUS : Unremarkable.

BONES & CHEST WALL: Stable degenerative changes seen within the thoracic spine.

UPPER ABDOMEN: CT abdomen reported separately.

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Procedure Note

# Jose Aquino - 17/01/2022

Formatting of this note might be different from the original.

CT THORAX WITH CONTRAST (ROUTINE)

CLINICAL INFORMATION PROVIDED: Age: 67 years old; Male, STage 4 H/N cancer. ? response to immunotherapy.

COMPARISON: October 2021

LUNGS & AIRWAYS: Increasing patchy right bronchovascular groundglass opacities are seen. Stable right lower lobe pulmonary nodule image 139, right upper lobe micronodule image 110. No new worrisome parenchymal nodules are seen.

LYMPH NODES & MEDIASTINUM: Further enlargement in the left lower paratracheal now measuring 13 mm previously 11mm.

PLEURA & PERICARDIUM: Unremarkable.

HEART & VESSELS: Severe coronary artery calcification is present.

ESOPHAGUS :Unremarkable.

BONES & CHEST WALL: Stable degenerative changes seen within the thoracic spine.

UPPER ABDOMEN: CT abdomen reported separately.

#### IMPRESSION:

- 1. New groundglass opacities are seen likely infectious inflammatory.
- 2. Stable lung nodules. No evidence of pulmonary metastasis.
- 3. Enlarging left lower paratracheal lymph node. This may be reactive or represent metastatic disease.

Thank you for the consultation.

For report clarification: rads@toh.ca

Authorizing Provider	Result Type		
Michael MacDonald Vickers	IMG CT PROCEDURES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
ATL POWERSCRIBE			

# CT ABDOMEN PELVIS W IV CONTRAST - Final result (13/01/2022 12:39 PM EST)

Anatomical Region	Laterality	Modality		
Body, Abdomen, Pelvis, Y	,	Computed	d Tomography	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Specificit (Source)	Lateranty	Volume	17/01/2022 11:28 AN	

**EST** 

# **Impressions**

# ATL POWERSCRIBE - 17/01/2022 4:58 PM EST

Tiny focal hypodensity in segment 7 of liver, not clearly visualized on prior CT, which could be due to differences in imaging technique in this very small lesion. Due to its location is likely would be difficult to assess with ultrasound. If clinically required, this can be further characterized with MRI abdomen or can be followed up with CT in short interval time of 2-3 months.

No other concerning findings or intra-abdominal metastasis.

Thank you for the consultation.

Yashmin Nisha, Abdominal Imaging Fellow

For report clarification: rads@toh.ca

# Narrative

#### ATL POWERSCRIBE - 17/01/2022 4:58 PM EST

CT ABDOMEN & PELVIS

INDICATION: Age: 67 years old; Male, "STage 4 H/N cancer. ? response to immunotherapy."

TECHNIQUE: Routine portal venous phase contrast-enhanced evaluation. Oral contrast was not given.

COMPARISON: CT abdomen dated February 3, 2021

### HEPATOBILIARY SYSTEM:

Liver: Stable hepatic cyst in segment 5/6. Subcentimeter hypodensity in segment 7, not clearly visualized on prior CT (image 92, series 6). No other focal liver lesion.

Biliary Tree: No important gallbladder abnormality. No important abnormality of the biliary tree.

Pancreas: No important abnormality.

GASTROINTESTINAL TRACT: No important abnormality.

GENITOURINARY SYSTEM:

Adrenals: No important abnormality.

Kidneys / Ureters: Comparable bilateral parapelvic cysts. No hydronephrosis.

Urinary Bladder: No important abnormality.

Reproductive Organs: Prostatomegaly

LYMPHATIC SYSTEM: No important abnormality of the spleen. No lymphadenopathy. PERITONEUM, RETROPERITONEUM & MESENTERY: No ascites or nodular peritoneal disease. VESSELS & OTHER: Mild atherosclerotic calcification of aorta. No venous abnormality.

BONES / BODY WALL: No important bony abnormality. No body wall abnormality.

LOWER THORAX (lung bases, heart): CT chest reported separately.

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Procedure Note

# Shauna Duigenan - 17/01/2022

Formatting of this note might be different from the original.

CT ABDOMEN & PELVIS

INDICATION: Age: 67 years old; Male, "STage 4 H/N cancer. ? response to immunotherapy."

TECHNIQUE: Routine portal venous phase contrast-enhanced evaluation. Oral contrast was not given.

COMPARISON: CT abdomen dated February 3, 2021

#### HEPATOBILIARY SYSTEM:

Liver: Stable hepatic cyst in segment 5/6. Subcentimeter hypodensity in segment 7, not clearly visualized on prior CT (image 92, series 6). No other focal liver lesion.

Biliary Tree: No important gallbladder abnormality. No important abnormality of the biliary tree.

Pancreas: No important abnormality.

GASTROINTESTINAL TRACT: No important abnormality.

**GENITOURINARY SYSTEM:** 

Adrenals: No important abnormality.

Kidneys / Ureters: Comparable bilateral parapelvic cysts. No hydronephrosis.

Urinary Bladder: No important abnormality. Reproductive Organs: Prostatomegaly

LYMPHATIC SYSTEM: No important abnormality of the spleen. No lymphadenopathy.

PERITONEUM, RETROPERITONEUM & MESENTERY: No ascites or nodular peritoneal disease.

VESSELS & OTHER: Mild atherosclerotic calcification of aorta. No venous abnormality.

BONES / BODY WALL: No important bony abnormality. No body wall abnormality.

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## IMPRESSION:

1. Tiny focal hypodensity in segment 7 of liver, not clearly visualized on prior CT, which could be due to differences in imaging technique in this very small lesion. Due to its location is likely would be difficult to assess with ultrasound. If clinically required, this can be further characterized with MRI abdomen or can be followed up with CT in short interval time of 2-3 months.

2. No other concerning findings or intra-abdominal metastasis.

LOWER THORAX (lung bases, heart): CT chest reported separately.

Thank you for the consultation.

Yashmin Nisha, Abdominal Imaging Fellow

For report clarification: rads@toh.ca

Authorizing Provider Result Type

Michael MacDonald IMG CT PROCEDURES

Vickers

Performing Organization Address City/State/ZIP Code Phone Number

ATL POWERSCRIBE

GLUCOSE RANDOM - Final result (20/12/2021 11:30 AM EST)

Ref Analysis Performed

Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	7.6	4.0 - 11.0			EORLA	
		mmol/L				
	Anatomical Loc	ration /	Collection Method /			
Specimen (Source)	Laterality	Lation /	Volume	Collection T	ime	Received Time
Blood	,			20/12/2021	11:30 AM	20/12/2021 2:27 PM EST
				EST		
A the disease Decides	Dec II T					
Authorizing Provider  Michael MacDonald	Result Type  LAB BLOOD OF	DEDABLEC				
Vickers	LAB BLOOD OF	NDENABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) AUTOMAT	ED DIFFERENTIA	AL - Final r	esult (20/12/2021 11:30	AM EST)		
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	4.5	2.0 - 7.5 x10^9/L			EORLA	
Lymphocyte	0.8	0.8 - 3.5			EORLA	
Lymphocyte	0.0	v.o - 3.5 x10^9/L			LUNLA	
Monocyte	0.5	0.1 - 1.0			EORLA	
,		x10^9/L				
Eosinophil	0.8 (H)	0.0 - 0.5			EORLA	
		x10^9/L				
Basophil	0.0	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.0	<=0.1			EORLA	
illinature Grandiocyte	0.0	x10^9/L			LONLA	
Cracinan (Causa)	Anatomical Loc	cation /	Collection Method / Volume	Collection T	:	Received Time
Specimen (Source) Blood	Laterality		volume	20/12/2021		20/12/2021 11:51 AM
ыооч				EST	11.30 AIVI	EST
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
CDEATINIINE F'!	ul+ (20 /12 /202	1 11.20 4	A FCT)			
CREATININE - Final res	uit (20/12/202	I II:30 Al Ref	VI E21)	Analysis	Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
Creatinine	88	62 - 100		<u> </u>	EORLA	<u> </u>
		umol/L				
	Amatasat		Callantia - Mart - 17			
Specimen (Source)	Anatomical Loc Laterality	.duon /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Laterancy		. Jidiile	20/12/2021		20/12/2021 11:51 AM
(3.2.2.2., 1.0000)				EST		EST
	B 11 =					
Authorizing Provider	Result Type	ט א פיי בי				
Michael MacDonald Vickers	LAB BLOOD OF	KDEKABLES				
VICKCIS						

Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			,			
(ABNORMAL) CBC - Final	result (20/12/2	021 11:30	AM EST)			
	•	Ref	•	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	6.6	3.5 - 10.5 x10^9/L			EORLA	
RBC	3.65 (L)	4.00 - 5.50 x10^12/L			EORLA	
HGB	118 (L)	125 - 170 g/L			EORLA	
НСТ	0.339 (L)	0.380 - 0.500 L/L			EORLA	
MCV	92.9	80.0 - 100.0 fL			EORLA	
МСН	32.3	27.0 - 34.0 pg			EORLA	
МСНС	348	315 - 355 g/L			EORLA	
RDW	12.9	11.5 - 15.5 %			EORLA	
Plat	244	130 - 380 x10^9/L			EORLA	
MPV	8.7 (L)	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ïme	Received Time
Blood (Blood, Venous)	,			20/12/2021 EST		20/12/2021 11:51 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) ALT - Final	result (20/12/20		AM EST)			
Component	Value	Ref	Tost Mothod	Analysis	Performed	Dathalagist Cignotura
Component ALT	11 (L)	Range 12 - 49	Test Method	Time	At EORLA	Pathologist Signature
ALI	11 (L)	U/L			LORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				20/12/2021 EST	11:30 AM	20/12/2021 11:51 AM EST
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						

Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
TSH - Final result (20/12	2/2021 11:30 AN	M EST)				
(= 0, 1		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
TSH		0.27 -			EORLA	
		4.20 mIU/L				
		IIIIO/L				
	Anatomical Loca	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				20/12/2021	11:30 AM	20/12/2021 11:51 AM
				EST		EST
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD ORD	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ALKALINE PHOSPHATA	SE (ALP) - Final	result (2	.0/12/2021 11:30 AM E	ST)		
		Ref	-, , -	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP		50 - 112			EORLA	
		U/L				
	Anatomical Loca	ation /	Collection Method /			
Specimen (Source)	Laterality	2011 /	Volume	Collection T	ime	Received Time
specimen (source)					11.20 414	20/12/2021 11-51 AAA
Blood (Blood, Venous)				20/12/2021	11.50 AIVI	20/12/2021 11:51 AM
				20/12/2021 EST	11.50 AIVI	EST
Blood (Blood, Venous)					11.30 AW	
Blood (Blood, Venous)  Authorizing Provider	Result Type	DED A RI ES			TT.SU AIVI	
Blood (Blood, Venous)		DERABLES			TT.SU AIVI	
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald	Result Type	DERABLES			TT.SU AIVI	
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald	Result Type  LAB BLOOD ORE	DERABLES	City/State/ZIP Code			
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald  Vickers	Result Type  LAB BLOOD ORE	DERABLES		EST		
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald  Vickers  Performing Organization	Result Type  LAB BLOOD ORE	DERABLES		EST		
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald  Vickers  Performing Organization  EORLA	Result Type  LAB BLOOD ORE  Address		City/State/ZIP Code	EST		
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald  Vickers  Performing Organization	Result Type  LAB BLOOD ORE  Address	2021 11:	City/State/ZIP Code	Phone Num	ber	
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald  Vickers  Performing Organization  EORLA	Result Type  LAB BLOOD ORE  Address  al result (20/12/2		City/State/ZIP Code	EST		
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald Vickers  Performing Organization  EORLA  BILIRUBIN, TOTAL - Final	Result Type  LAB BLOOD ORE  Address  al result (20/12/2)  Value  6	2021 11: Ref Range <=15	City/State/ZIP Code  30 AM EST)	Phone Num  Analysis	ber Performed	EST
Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component	Result Type  LAB BLOOD ORE  Address  al result (20/12/2)  Value  6	2021 11: Ref Range	City/State/ZIP Code  30 AM EST)	Phone Num  Analysis	ber Performed At	EST
Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component	Result Type  LAB BLOOD ORE  Address  al result (20/12/2  Value  6	2021 11: Ref Range <=15 umol/L	City/State/ZIP Code  30 AM EST)  Test Method	Phone Num  Analysis	ber Performed At	EST
Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total	Result Type  LAB BLOOD ORE  Address  Al result (20/12/2  Value  6  Anatomical Loca	2021 11: Ref Range <=15 umol/L	City/State/ZIP Code  30 AM EST)  Test Method  Collection Method /	Phone Num  Analysis Time	Performed At EORLA	Pathologist Signature
Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Fina Component Bilirubin Total	Result Type  LAB BLOOD ORE  Address  al result (20/12/2  Value  6	2021 11: Ref Range <=15 umol/L	City/State/ZIP Code  30 AM EST)  Test Method	Phone Num  Analysis Time  Collection Time	Performed At EORLA	Pathologist Signature  Received Time
Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total	Result Type  LAB BLOOD ORE  Address  Al result (20/12/2  Value  6  Anatomical Loca	2021 11: Ref Range <=15 umol/L	City/State/ZIP Code  30 AM EST)  Test Method  Collection Method /	Phone Num  Analysis Time	Performed At EORLA	Pathologist Signature
Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Fina Component Bilirubin Total  Specimen (Source) Blood (Blood, Venous)	Result Type  LAB BLOOD ORE  Address  Al result (20/12/2  Value  6  Anatomical Local Laterality	2021 11: Ref Range <=15 umol/L	City/State/ZIP Code  30 AM EST)  Test Method  Collection Method /	Phone Num  Analysis Time  Collection Ti 20/12/2021	Performed At EORLA	Pathologist Signature  Received Time 20/12/2021 11:51 AM
Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Fina Component Bilirubin Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider	Result Type  LAB BLOOD ORE  Address  Al result (20/12/2  Value  6  Anatomical Local Laterality  Result Type	2021 11: Ref Range <=15 umol/L	City/State/ZIP Code  30 AM EST)  Test Method  Collection Method / Volume	Phone Num  Analysis Time  Collection Ti 20/12/2021	Performed At EORLA	Pathologist Signature  Received Time 20/12/2021 11:51 AM
Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Fina Component Bilirubin Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald	Result Type  LAB BLOOD ORE  Address  Al result (20/12/2  Value  6  Anatomical Local Laterality	2021 11: Ref Range <=15 umol/L	City/State/ZIP Code  30 AM EST)  Test Method  Collection Method / Volume	Phone Num  Analysis Time  Collection Ti 20/12/2021	Performed At EORLA	Pathologist Signature  Received Time 20/12/2021 11:51 AM
Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Fina Component Bilirubin Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider	Result Type  LAB BLOOD ORE  Address  Al result (20/12/2  Value  6  Anatomical Local Laterality  Result Type	2021 11: Ref Range <=15 umol/L	City/State/ZIP Code  30 AM EST)  Test Method  Collection Method / Volume	Phone Num  Analysis Time  Collection Ti 20/12/2021	Performed At EORLA	Pathologist Signature  Received Time 20/12/2021 11:51 AM
Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Fina Component Bilirubin Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald	Result Type  LAB BLOOD ORD  Address  Al result (20/12/2  Value  6  Anatomical Local Laterality  Result Type  LAB BLOOD ORD	2021 11: Ref Range <=15 umol/L	City/State/ZIP Code  30 AM EST)  Test Method  Collection Method / Volume	Phone Num  Analysis Time  Collection Ti 20/12/2021	Performed At EORLA ime 11:30 AM	Pathologist Signature  Received Time 20/12/2021 11:51 AM
Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers	Result Type  LAB BLOOD ORD  Address  Al result (20/12/2  Value  6  Anatomical Local Laterality  Result Type  LAB BLOOD ORD	2021 11: Ref Range <=15 umol/L	City/State/ZIP Code  30 AM EST)  Test Method  Collection Method / Volume	Phone Num  Analysis Time  Collection Ti 20/12/2021 EST	Performed At EORLA ime 11:30 AM	Pathologist Signature  Received Time 20/12/2021 11:51 AM

		D - C		A1	D (	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	142	136 - 144 mmol/L			EORLA	. across give orginature
К	4.4	3.5 - 5.1 mmol/L			EORLA	
Cl	102	98 - 107 mmol/L			EORLA	
CO2	30	19 - 30 mmol/L			EORLA	
Anion Gap	10	8 - 16 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Lateranty		Volume	20/12/2021 EST		20/12/2021 11:51 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			<i>y,</i> ,	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
Component	Value	Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Prostate specific Ag  Comment: Nature of Abr	Value  4.71 (H)  normal Test: A se	Range 0 - 4.50 ug/L ex-based p	Test Method opulation	Time	At OLIS	Pathologist Signature
Prostate specific Ag  Comment: Nature of Abr  Prostate Specific Antigen Free/Total Prostate Specific Antigen Ratio	<b>4.71 (H)</b> normal Test: A se	0 - 4.50 ug/L		,	At	Pathologist Signature
Prostate specific Ag  Comment: Nature of Abr  Prostate Specific Antigen Free/Total Prostate	4.71 (H)  normal Test: A so  0.19 (L)  etation guidel .0 ug/L. prevalence and is < 0.11, the -65%; when the is >0.25, ostate cancer	0 - 4.50 ug/L ex-based p >0.25  lines appl d age, whee probabil	opulation  ly only when the  en the  lity of	,	At OLIS	Pathologist Signature
Prostate specific Ag  Comment: Nature of Abr  Prostate Specific Antigen Free/Total Prostate Specific Antigen Ratio Comment: The following interpre Total PSA is 4.0 - 10 Depending on disease pree/Total PSA ratio prostate cancer is 49- Free/Total PSA ratio the probability of pro-	4.71 (H)  normal Test: A so  0.19 (L)  etation guidel .0 ug/L. prevalence and is < 0.11, the -65%; when the is >0.25, ostate cancer	0 - 4.50 ug/L ex-based p >0.25  lines appl d age, whee probabil e is 9-16%. ased popul	opulation  ly only when the  en the  lity of	,	At OLIS	Pathologist Signature  Received Time
Prostate specific Ag  Comment: Nature of Abr  Prostate Specific Antigen Free/Total Prostate Specific Antigen Ratio Comment: The following interpre Total PSA is 4.0 - 10 Depending on disease pree/Total PSA ratio prostate cancer is 49 Free/Total PSA ratio the probability of pro Nature of Abnormal Tes	4.71 (H)  normal Test: A so  0.19 (L)  etation guidel .0 ug/L. prevalence and is < 0.11, the -65%; when the is >0.25, ostate cancer st: An aged-ba	0 - 4.50 ug/L ex-based p >0.25  lines appl d age, whee probabil e is 9-16%. ased popul	opulation  ly only when the  en the lity of  lation  Collection Method /	Time	At OLIS	
Prostate specific Ag  Comment: Nature of Abr Prostate Specific Antigen Free/Total Prostate Specific Antigen Ratio Comment: The following interpre Total PSA is 4.0 - 10 Depending on disease pree/Total PSA ratio prostate cancer is 49 Free/Total PSA ratio the probability of pro Nature of Abnormal Tes	4.71 (H)  normal Test: A so  0.19 (L)  etation guidel .0 ug/L. prevalence and is < 0.11, the -65%; when the is >0.25, ostate cancer st: An aged-ba  Anatomical Loc Laterality	0 - 4.50 ug/L ex-based p >0.25  lines appl d age, whee probabil e is 9-16%. ased popul	opulation  ly only when the  en the lity of  lation  Collection Method / Volume	Time  Collection Ti	At OLIS	Received Time
Prostate specific Ag  Comment: Nature of Abr  Prostate Specific Antigen Free/Total Prostate Specific Antigen Ratio Comment: The following interpre Total PSA is 4.0 - 10 Depending on disease pree/Total PSA ratio prostate cancer is 49 Free/Total PSA ratio the probability of pro Nature of Abnormal Tes  Specimen (Source)  Serum  Narrative  OLIS - 20/12/2021 8	4.71 (H)  normal Test: A so  0.19 (L)  etation guidel .0 ug/L. prevalence and is < 0.11, the -65%; when the is >0.25, ostate cancer st: An aged-ba  Anatomical Loc Laterality	0 - 4.50 ug/L ex-based p >0.25  lines appl d age, whee probabil e is 9-16%. ased popul	opulation  ly only when the  en the lity of  lation  Collection Method / Volume	Time  Collection Ti	At OLIS	Received Time
Prostate specific Ag  Comment: Nature of Abr Prostate Specific Antigen Free/Total Prostate Specific Antigen Ratio Comment: The following interpre Total PSA is 4.0 - 10 Depending on disease pree/Total PSA ratio prostate cancer is 49 Free/Total PSA ratio the probability of pro Nature of Abnormal Tes  Specimen (Source) Serum  Narrative OLIS - 20/12/2021 8 Patient Name on the of	4.71 (H)  normal Test: A second of the secon	0 - 4.50 ug/L ex-based p >0.25  lines appl d age, whee probabil e is 9-16%. ased popul cation /	opulation  ly only when the  en the lity of  lation  Collection Method / Volume	Time  Collection Ti	At OLIS	Received Time

OLIS						
CLUCOSE DANIDOM - E	inal recult (22/	11/2021 3	O-OE DM FCT)			
GLUCOSE RANDOM - F	inai resuit (22/	Ref	5:35 PIVI EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	5.4	4.0 - 11.0			EORLA	. a.me.egiet eignatai e
		mmol/L				
Specimen (Source)	Anatomical Loc	ation /	Collection Method / Volume	Collection T	ima	Received Time
Specimen (Source)  Blood	Laterality		volume			22/11/2021 6:34 PM EST
biood				22/11/2021	J.JJ FIVI LJI	22/11/2021 0.34 FWI L31
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
EORLA	Address		City/State/Zir Code	FIIOHE Num	DEI	
LONEA						
AUTOMATED DIFFEREN	ITIAL - Final res	sult (22/1	1/2021 3:35 PM EST)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	6.9	2.0 - 7.5 x10^9/L			EORLA	
Lymphocyte	1.0	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.7	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.3	0.0 - 0.5			EORLA	
		x10^9/L				
Basophil	0.0	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.0	<=0.1			EORLA	
		x10^9/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality	.ation /	Volume	Collection T	ime	Received Time
Blood					3:35 PM EST	
						, ,
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
EORLA	Addiess		City/State/ZII Code	i none nulli	DCI	
CREATININE - Final resu	ult (22/11/2021	3:35 PM	EST)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	87	62 - 100 umol/L			EORLA	
		,				
Specimen (Source)	Anatomical Loc	cation /	Collection Method / Volume	Collection T	ime	Received Time
Specimen (Source) Blood (Blood, Venous)	Laterality		volutile		3:35 PM EST	
שוטטע (שוטטע, verious)				<i>LL</i> / 1 1/ LUL 1	J.JJ FIVI EST	22/11/2021 3.40 FIVI E31
Authorizing Provider	Result Type					

Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) CBC - Final	result (22/11/2		M EST)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	8.9	3.5 - 10.5 x10^9/L			EORLA	
RBC	3.69 (L)	4.00 - 5.50 x10^12/L			EORLA	
HGB	121 (L)	125 - 170 g/L			EORLA	
НСТ	0.360 (L)	0.380 - 0.500 L/L			EORLA	
MCV	97.6	80.0 - 100.0 fL			EORLA	
МСН	32.8	27.0 - 34.0 pg			EORLA	
мснс	336	315 - 355 g/L			EORLA	
RDW	12.5	11.5 - 15.5 %			EORLA	
Plat	243	130 - 380 x10^9/L			EORLA	
MPV	8.9 (L)	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality	ation	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				22/11/2021	3:35 PM EST	22/11/2021 3:46 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
ALT - Final result (22/11	/2021 3:35 PM	EST) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	13	12 - 49 U/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Lateranty		VOIGITIE		3:35 PM EST	
A that is Boots	D It T					
Authorizing Provider  Michael MacDonald	Result Type	DEDVDIEC				
iviichaei iviacDonaid	LAB BLOOD OR	NEKAPLES				

Michael MacDonald

LAB BLOOD ORDERABLES

Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA	7.444.655		G. (3) ( G. (4) ( G.			
TSH - Final result (22/1	1/2021 3:35 PN			A1 -'-	D (	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	2.11	0.27 -	rest method	Time	EORLA	r attrologist signature
		4.20				
		mIU/L				
	Anatomical Loc	ration /	Collection Method /			
Specimen (Source)	Laterality	cation	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	-			22/11/2021	3:35 PM EST	22/11/2021 3:46 PM EST
A	D 1: T					
Authorizing Provider  Michael MacDonald	Result Type					
Vickers	LAB BLOOD OF	KDEKABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
ALKALINE PHOSPHATA	SF (ALP) - Fina	ıl result (2	2/11/2021 3·35 PM FS	T)		
, telo tell tell tell tell tell tell tell	(32 (7 (21 ) 1 11 (6	Ref	2, 11, 2021 3.33 1 111 23	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	74	50 - 112			EORLA	
		U/L				
	Anatomical Lo	ration /	Collection Method /			
Specimen (Source)	Laterality	cation	Volume	Collection T	ime	Received Time
Specimen (Source) Blood (Blood, Venous)					ime 3:35 PM EST	
Blood (Blood, Venous)	Laterality					
Blood (Blood, Venous)  Authorizing Provider	Laterality  Result Type		Volume			
Blood (Blood, Venous)	Laterality		Volume			
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald	Laterality  Result Type		Volume			
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald  Vickers  Performing Organization	Result Type  LAB BLOOD OF		Volume		3:35 PM EST	
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald  Vickers	Result Type  LAB BLOOD OF		Volume	22/11/2021	3:35 PM EST	
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald  Vickers  Performing Organization	Result Type  LAB BLOOD OF		Volume	22/11/2021	3:35 PM EST	
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald  Vickers  Performing Organization  EORLA	Result Type  LAB BLOOD OF	RDERABLES	Volume  City/State/ZIP Code	22/11/2021	3:35 PM EST	
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald  Vickers  Performing Organization	Result Type  LAB BLOOD OF	RDERABLES	City/State/ZIP Code 5 PM EST)	22/11/2021  Phone Num  Analysis	3:35 PM EST	
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald Vickers  Performing Organization  EORLA  BILIRUBIN, TOTAL - Final  Component	Result Type LAB BLOOD OF Address  al result (22/11 Value	RDERABLES /2021 3:3 Ref Range	Volume  City/State/ZIP Code	22/11/2021 Phone Num	3:35 PM EST  aber  Performed At	
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald  Vickers  Performing Organization  EORLA  BILIRUBIN, TOTAL - Final	Result Type LAB BLOOD OF Address al result (22/11	/2021 3:3 Ref Range <=15	City/State/ZIP Code 5 PM EST)	22/11/2021  Phone Num  Analysis	3:35 PM EST	22/11/2021 3:46 PM EST
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald Vickers  Performing Organization  EORLA  BILIRUBIN, TOTAL - Final  Component	Result Type LAB BLOOD OF Address  al result (22/11 Value	RDERABLES /2021 3:3 Ref Range	City/State/ZIP Code 5 PM EST)	22/11/2021  Phone Num  Analysis	3:35 PM EST  aber  Performed At	22/11/2021 3:46 PM EST
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald Vickers  Performing Organization  EORLA  BILIRUBIN, TOTAL - Final  Component	Result Type LAB BLOOD OF Address  al result (22/11 Value	/2021 3:3 Ref Range <=15 umol/L	City/State/ZIP Code 5 PM EST)	22/11/2021  Phone Num  Analysis	3:35 PM EST  aber  Performed At	22/11/2021 3:46 PM EST
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total	Result Type LAB BLOOD OF Address  al result (22/11 Value 6	/2021 3:3 Ref Range <=15 umol/L	City/State/ZIP Code  5 PM EST)  Test Method	Phone Num  Analysis Time  Collection T	3:35 PM EST  aber  Performed At  EORLA	Pathologist Signature  Received Time
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald Vickers  Performing Organization  EORLA  BILIRUBIN, TOTAL - Final  Component  Bilirubin Total	Result Type LAB BLOOD OF Address  al result (22/11  Value 6  Anatomical Loc	/2021 3:3 Ref Range <=15 umol/L	City/State/ZIP Code  5 PM EST)  Test Method  Collection Method /	Phone Num  Analysis Time  Collection T	3:35 PM EST  aber  Performed At  EORLA	Pathologist Signature
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald Vickers  Performing Organization  EORLA  BILIRUBIN, TOTAL - Final  Component  Bilirubin Total  Specimen (Source)  Blood (Blood, Venous)	Result Type LAB BLOOD OF Address  al result (22/11  Value 6  Anatomical Loc Laterality	/2021 3:3 Ref Range <=15 umol/L	City/State/ZIP Code  5 PM EST)  Test Method  Collection Method /	Phone Num  Analysis Time  Collection T	3:35 PM EST  aber  Performed At  EORLA	Pathologist Signature  Received Time
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider	Result Type LAB BLOOD OF Address  al result (22/11 Value 6 Anatomical Loc Laterality  Result Type	/2021 3:3 Ref Range <=15 umol/L cation /	City/State/ZIP Code  5 PM EST)  Test Method  Collection Method / Volume	Phone Num  Analysis Time  Collection T	3:35 PM EST  aber  Performed At  EORLA	Pathologist Signature  Received Time
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald Vickers  Performing Organization  EORLA  BILIRUBIN, TOTAL - Final  Component  Bilirubin Total  Specimen (Source)  Blood (Blood, Venous)	Result Type LAB BLOOD OF Address  al result (22/11  Value 6  Anatomical Loc Laterality	/2021 3:3 Ref Range <=15 umol/L cation /	City/State/ZIP Code  5 PM EST)  Test Method  Collection Method / Volume	Phone Num  Analysis Time  Collection T	3:35 PM EST  aber  Performed At  EORLA	Pathologist Signature  Received Time
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald Vickers  Performing Organization  EORLA  BILIRUBIN, TOTAL - Final  Component  Bilirubin Total  Specimen (Source)  Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald Vickers	Result Type LAB BLOOD OF Address  al result (22/11 Value 6 Anatomical Loc Laterality  Result Type LAB BLOOD OF	/2021 3:3 Ref Range <=15 umol/L cation /	City/State/ZIP Code  5 PM EST)  Test Method  Collection Method / Volume	22/11/2021  Phone Num  Analysis Time  Collection T 22/11/2021	3:35 PM EST  Aber  Performed At  EORLA  Time  3:35 PM EST	Pathologist Signature  Received Time
Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald	Result Type LAB BLOOD OF Address  al result (22/11 Value 6 Anatomical Loc Laterality  Result Type LAB BLOOD OF	/2021 3:3 Ref Range <=15 umol/L cation /	City/State/ZIP Code  5 PM EST)  Test Method  Collection Method / Volume	Phone Num  Analysis Time  Collection T	3:35 PM EST  Aber  Performed At  EORLA  Time  3:35 PM EST	Pathologist Signature  Received Time

ELECTROLYTE PANEL (E	LECTROLYTES)		sult (22/11/2021 3:35 P			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	140	136 - 144		TITIC	EORLA	Tatriologist Signature
		mmol/L				
K	4.2	3.5 - 5.1 mmol/L			EORLA	
Cl	102	98 - 107 mmol/L			EORLA	
CO2	28	19 - 30 mmol/L			EORLA	
Anion Gap	10	8 - 16 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Laterancy		Volume			22/11/2021 3:46 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
POCT GLUCOSE (AUTO-Component	-UPLOADED) - Value	Final resu Ref Range	It (27/10/2021 2:44 PM Test Method	Analysis Time	Performed At	Pathologist Signature
	5.7	40-110			FORI A	
Glucose by POCT Glucose Meter	5.7	4.0 - 11.0 mmol/L			EORLA	
Glucose by POCT Glucose Meter	Anatomical Loc	mmol/L	Collection Method /	Collection T		Received Time
Glucose by POCT		mmol/L	Collection Method / Volume	Collection T 27/10/2021	ime	Received Time 27/10/2021 2:44 PM EDT
Glucose by POCT Glucose Meter Specimen (Source)	Anatomical Loc	mmol/L	-		ime	
Glucose by POCT Glucose Meter Specimen (Source) Blood	Anatomical Loc Laterality	mmol/L ation /	Volume		ime	
Glucose by POCT Glucose Meter  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers	Anatomical Loc Laterality  Result Type  LAB POCT ORD	mmol/L ation /	DEVICE		ime 2:44 PM EDT	
Glucose by POCT Glucose Meter  Specimen (Source) Blood  Authorizing Provider Michael MacDonald	Anatomical Loc Laterality  Result Type  LAB POCT ORD	mmol/L ation /	Volume	27/10/2021	ime 2:44 PM EDT	
Glucose by POCT Glucose Meter  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers  Performing Organization	Anatomical Loc Laterality  Result Type  LAB POCT ORD  Address	mmol/L ation / ERABLES -	Volume  DEVICE  City/State/ZIP Code	27/10/2021	ime 2:44 PM EDT	
Glucose by POCT Glucose Meter  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  AUTOMATED DIFFEREN Component	Anatomical Loc Laterality  Result Type LAB POCT ORD  Address  ITIAL - Final results  Value	mmol/L ration / ERABLES - sult (25/10 Ref Range	Volume  DEVICE  City/State/ZIP Code	27/10/2021 Phone Num	ime 2:44 PM EDT  ber  Performed At	
Glucose by POCT Glucose Meter  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  AUTOMATED DIFFEREN	Anatomical Loc Laterality  Result Type LAB POCT ORD  Address	mmol/L ration / ERABLES - sult (25/10 Ref	DEVICE  City/State/ZIP Code  D/2021 2:35 PM EDT)	27/10/2021  Phone Num  Analysis	ime 2:44 PM EDT  ber  Performed	27/10/2021 2:44 PM EDT
Glucose by POCT Glucose Meter  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  AUTOMATED DIFFEREN Component	Anatomical Loc Laterality  Result Type LAB POCT ORD  Address  ITIAL - Final results  Value	mmol/L sation / ERABLES - Sult (25/10 Ref Range 2.0 - 7.5	DEVICE  City/State/ZIP Code  D/2021 2:35 PM EDT)	27/10/2021  Phone Num  Analysis	ime 2:44 PM EDT  ber  Performed At	27/10/2021 2:44 PM EDT
Glucose by POCT Glucose Meter  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  AUTOMATED DIFFEREN  Component Neutrophil	Anatomical Loc Laterality  Result Type LAB POCT ORD  Address  ITIAL - Final res Value 3.9	mmol/L ration / ERABLES - Sult (25/10 Ref Range 2.0 - 7.5 x10^9/L 0.8 - 3.5	DEVICE  City/State/ZIP Code  D/2021 2:35 PM EDT)	27/10/2021  Phone Num  Analysis	ber  Performed At EORLA	27/10/2021 2:44 PM EDT
Glucose by POCT Glucose Meter  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  AUTOMATED DIFFEREN Component Neutrophil  Lymphocyte	Anatomical Loc Laterality  Result Type LAB POCT ORD  Address  ITIAL - Final res Value 3.9  1.0	mmol/L ration / ERABLES - Sult (25/10 Ref Range 2.0 - 7.5 x10^9/L 0.8 - 3.5 x10^9/L 0.1 - 1.0	DEVICE  City/State/ZIP Code  D/2021 2:35 PM EDT)	27/10/2021  Phone Num  Analysis	ime 2:44 PM EDT  ber  Performed At EORLA  EORLA	27/10/2021 2:44 PM EDT
Glucose by POCT Glucose Meter  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  AUTOMATED DIFFEREN Component Neutrophil  Lymphocyte Monocyte	Anatomical Loc Laterality  Result Type LAB POCT ORD  Address  ITIAL - Final res Value 3.9  1.0  0.5	mmol/L ration / ERABLES - Sult (25/10 Ref Range 2.0 - 7.5 x10^9/L 0.8 - 3.5 x10^9/L 0.1 - 1.0 x10^9/L 0.0 - 0.5	DEVICE  City/State/ZIP Code  D/2021 2:35 PM EDT)	27/10/2021  Phone Num  Analysis	ber  Performed At EORLA EORLA	27/10/2021 2:44 PM EDT
Glucose by POCT Glucose Meter  Specimen (Source) Blood  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  AUTOMATED DIFFEREN Component Neutrophil  Lymphocyte  Monocyte  Eosinophil	Anatomical Loc Laterality  Result Type LAB POCT ORD  Address  ITIAL - Final res Value 3.9  1.0  0.5  0.4	mmol/L ration / retrieved to the state of th	DEVICE  City/State/ZIP Code  D/2021 2:35 PM EDT)	27/10/2021  Phone Num  Analysis	ber  Performed At EORLA EORLA EORLA EORLA	27/10/2021 2:44 PM EDT

	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood				25/10/2021	2:35 PM EDT	25/10/2021 2:56 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
CREATININE - Final resu	ult (25/10/2021	2:35 PM	EDT)			
C	\/-I -	Ref	Tool Mathead	Analysis	Performed	Dethe leader of Circust
Component Creatinine	Value 80	Range 62 - 100	Test Method	Time	At EORLA	Pathologist Signature
Credimine	00	umol/L			LONEA	
	Anatomical Loc	ration /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				25/10/2021	2:35 PM EDT	25/10/2021 2:56 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) CBC - Final	result (25/10/2		M EDT)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	5.9	3.5 - 10.5			EORLA	
DDC	2 55 (1)	x10^9/L			FOR! A	
RBC	3.55 (L)	4.00 - 5.50			EORLA	
		x10^12/L				
HGB	116 (L)	125 - 170 g/L			EORLA	
НСТ	0.355 (L)	0.380 -			EORLA	
		0.500 L/L				
MCV	100.0	80.0 - 100.0 fL			EORLA	
MCH	32.7	27.0 -			EORLA	
MCHC	227	34.0 pg			FOR! A	
MCHC	327	315 - 355 g/L			EORLA	
RDW	12.6	11.5 -			EORLA	
Plat	253	15.5 % 130 - 380			EORLA	
. iat	دی	x10^9/L			LONLA	
MPV	8.8 (L)	9.0 - 14.0			EORLA	
NRBC/100 WBC	0.0	fL			EORLA	
NRBC #	0.00	0.00 -			EORLA	
		0.00				
		x10^9/L				
	Anatomical Loc	cation /	Collection Method /			

Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	-			25/10/2021	2:35 PM EDT	25/10/2021 2:56 PM EDT
Authorizina Drovidor	Dogult Turo					
Authorizing Provider  Michael MacDonald	Result Type  LAB BLOOD OF	DERARI ES				
Vickers	LAB BLOOD OF	NDLNADLLS				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) ALT - Final	result (25/10/2		M EDT)		D ( )	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	10 (L)	12 - 49	rest iviethou	TITIC	EORLA	Tathologist signature
		U/L				
	Anatomical Loc	notion /	Collection Method /			
Specimen (Source)	Laterality	Lation /	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				25/10/2021	2:35 PM EDT	25/10/2021 2:56 PM EDT
Authorizing Provider	Result Type	DED 4 D. 50				
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
TSH - Final result (25/10 Component	0/2021 2:35 PN Value	И EDT) Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	1.47	0.27 -	rest iviethou	TITLE	EORLA	ratifologist signature
1311	1.17	4.20 mIU/L			LONEX	
	Anatomical Loc	ration /	Collection Method /			
Specimen (Source)	Laterality	Lation /	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				25/10/2021	2:35 PM EDT	25/10/2021 2:56 PM EDT
Authorizina Drovidor	Dogult Turo					
Authorizing Provider  Michael MacDonald	Result Type  LAB BLOOD OF	DERARI ES				
Vickers	LAD BLOOD OF	DEIVABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
		Ref	5/10/2021 2:35 PM EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	69	50 - 112 U/L			EORLA	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				25/10/2021	2:35 PM EDT	25/10/2021 2:56 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				

Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
BILIRUBIN, TOTAL - Fina	al result (25/10.	/2021 2:3!	5 PM EDT)			
	(25)	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	5	<=15			EORLA	
		umol/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality	acion /	Volume	Collection T	ïme	Received Time
Blood (Blood, Venous)	,			25/10/2021	2:35 PM EDT	25/10/2021 2:56 PM EDT
Authorizing Provider	Result Type	DED 4 DI 56				
Michael MacDonald Vickers	LAB BLOOD OR	DEKABLES				
VICKCIS						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ELECTROLYTE PANEL (E	I FCTROI VTFS\	- Final re	sult (25/10/2021 2:35 Þ	M FDT)		
LLLCTROLITETAINLL (L	LLCTROLTTLS)	Ref	3dit (23) 10/2021 2.33 i	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	139	136 - 144			EORLA	
		mmol/L				
K	4.5	3.5 - 5.1 mmol/L			EORLA	
CI	102	98 - 107			EORLA	
Ci	102	mmol/L			LONLA	
CO2	28	19 - 30			EORLA	
		mmol/L				
Anion Gap	9	8 - 16			EORLA	
		mmol/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				25/10/2021	2:35 PM EDT	25/10/2021 2:56 PM EDT
	D 1. T					
Authorizing Provider	Result Type	DEDARIEC				
Michael MacDonald Vickers	LAB BLOOD OR	'NEKARLE?				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
OCCULT BLOOD, STOOI	- Final result (	05/10/201	21 6:00 PM FDT)			
00001 0000, 31001	- Tinarresuit (	Ref	_ 1 0.00 1 WI LD1)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Specimen Comment	NOT NEEDED				OLIS	
Comment:	<b>6</b>	. Do'	1 Afron C 11			
FIT:	Specimer	received	After 6 Months			
Comment: Your patien	t returned the	FIT coll	ection device more			
than 6 months after t						

Action required for you: Complete a new FIT requisition for your patient.

Action required for your patient: Please advise your patient to complete a new FIT and mail it back to the lab (or drop it off) as soon as possible, ideally within 2 days, to ensure it arrives at the lab within 14 days of specimen collection.

Please visit cancercareontario.ca/FITinstructions to access the FIT instructions.

Ancillary determined the test is not needed.

Stool = Fecal	,		05/10/2021 6:00 PM EDT	05/10/2021 6:00 PM EDT
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
	Anatomical Location /	Collection Method /		

#### Narrative

### OLIS - 07/10/2021 12:22 AM EDT

Collection date/time is not provided; it is derived from the provided Order date/time

Authorizing Provider	Result Type		
Michel Maalouf	LAB BODY FLUIDS AND S	TOOLS ORDERABLES	
Performing Organization	Address	City/State/ZIP Code	Phone Number
OLIS			

# CT NECK W IV CONTRAST - Final result (05/10/2021 9:54 AM EDT)

			08/10/2021 11:12 AM	Λ	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time	
Neck		Computed	d Tomography		
Anatomical Region	Laterality	Modality			

**EDT** 

**Impressions** 

## ATL POWERSCRIBE - 08/10/2021 11:54 AM EDT

Partial interval response following interim treatment as compared with June 4, 2021. No adverse interval change. Recommended clinical attention to airway patency.

For report clarification: rads@toh.ca

# Narrative

# ATL POWERSCRIBE - 08/10/2021 11:54 AM EDT

CONTRAST-ENHANCED CT NECK

#### INDICATION:

stage 4 oropharyngeal cancer. ? Response to immunotherapy.

### TECHNIQUE:

Multiple 2.5-mm axial contrast-enhanced images were obtained from mid intracranial cavity to below carina, including high resolution bone window.

COMPARISON: Contrast-enhanced CT neck of June 14, 2021.

# FINDINGS:

Smaller than previous pathologic matted lymphadenopathy involving the right level 2 and 3 regions of the neck with right parapharyngeal extension encasing the carotid space. This lesion measures approximately 40 mm AP x 33 mm transverse in today's study. Its involvement of and mass effect imposed on the right oropharyngeal and hypopharyngeal wall is less pronounced than previous. The patency of the right common and cervical internal carotid artery is maintained allowing for mild extrinsic compression.

There is mild extensive nonenhancing mucosal swelling involving the oropharynx and supraglottic larynx. There is a right vocal cord palsy, unchanged from previous. There is a mild to moderate narrowing of the larynx,

overall less pronounced than previous.

No new lymphadenopathy or neck mass has developed in the interval.

Intracranial contents are well preserved. Orbits are unremarkable. There is diffuse fatty atrophy of the right parotid gland, unchanged. Unchanged diffuse stranding of the right platysma and sternocleidomastoid muscle.

## Procedure Note

#### Marlise Peruzzo Dos Santos - 08/10/2021

Formatting of this note might be different from the original.

CONTRAST-ENHANCED CT NECK

#### INDICATION:

stage 4 oropharyngeal cancer. ? Response to immunotherapy.

## TECHNIQUE:

Multiple 2.5-mm axial contrast-enhanced images were obtained from mid intracranial cavity to below carina, including high resolution bone window.

COMPARISON: Contrast-enhanced CT neck of June 14, 2021.

#### FINDINGS:

Smaller than previous pathologic matted lymphadenopathy involving the right level 2 and 3 regions of the neck with right parapharyngeal extension encasing the carotid space. This lesion measures approximately 40 mm AP x 33 mm transverse in today's study. Its involvement of and mass effect imposed on the right oropharyngeal and hypopharyngeal wall is less pronounced than previous. The patency of the right common and cervical internal carotid artery is maintained allowing for mild extrinsic compression.

There is mild extensive nonenhancing mucosal swelling involving the oropharynx and supraglottic larynx. There is a right vocal cord palsy, unchanged from previous. There is a mild to moderate narrowing of the larynx, overall less pronounced than previous.

No new lymphadenopathy or neck mass has developed in the interval.

Intracranial contents are well preserved. Orbits are unremarkable. There is diffuse fatty atrophy of the right parotid gland, unchanged. Unchanged diffuse stranding of the right platysma and sternocleidomastoid muscle.

# IMPRESSION:

Partial interval response following interim treatment as compared with June 4, 2021. No adverse interval change. Recommended clinical attention to airway patency.

For report clarification: rads@toh.ca

Authorizing Provider	Result Type		
Michael MacDonald Vickers	IMG CT PROCEDURES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
ATL POWERSCRIBE			

# CT CHEST W IV CONTRAST - Final result (05/10/2021 9:54 AM EDT)

Specimen (Source)	Lateranty	VOIGITIE	07/10/2021 4:30 PM					
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time				
Chest	Computed Tomography							
Anatomical Region	Laterality	Modality						

### **Impressions**

-Interval enlargement of two left lower paratracheal lymph node.

-Stable 2 small nodules, possibly benign. No suspicious parenchymal lesions.

For report clarification: rads@toh.ca

#### Narrative

## ATL POWERSCRIBE - 07/10/2021 4:39 PM EDT

CT THORAX WITH INTRAVENOUS CONTRAST

INDICATION: .; stage 4 oropharyngeal cancer. ? response to immunotherapy

TECHNIQUE: Spiral volume acquisition during bolus enhancement in the thorax; axial and non-axial orthogonal

slices.

COMPARISON: June 2021

TRACHEOBRONCHIAL TREE AND LUNG: Tracheobronchial tree is patent. Two small nodules (right upper lobe image 94 and right lower lobe image 131) are stable. Interval improvement in patchy groundglass densities seen in both

lungs is noted with few residual areas. No new suspicious lung lesion is identified.

LYMPH NODES: Interval enlargement of 2 left lower paratracheal lymph node, larger one measuring 11 mm in short axis diameter.

PLEURA & PERICARDIUM: No pleural or pericardial effusion is seen.

CARDIOVASCULAR: Unremarkable.

MEDIASTINUM & ESOPHAGUS : Unremarkable.

BONES & CHEST WALL: No aggressive bone lesions are noted.

CATHETERS AND DEVICES:None

LOWER NECK:CT neck is reported separately.

UPPER ABDOMEN: Hepatic hypodensities likely representing cysts.

## Procedure Note

# Ashish Gupta - 07/10/2021

Formatting of this note might be different from the original.

CT THORAX WITH INTRAVENOUS CONTRAST

INDICATION: .; stage 4 oropharyngeal cancer. ? response to immunotherapy

TECHNIQUE: Spiral volume acquisition during bolus enhancement in the thorax; axial and non-axial orthogonal slices.

COMPARISON: June 2021

TRACHEOBRONCHIAL TREE AND LUNG: Tracheobronchial tree is patent. Two small nodules (right upper lobe image 94 and right lower lobe image 131) are stable. Interval improvement in patchy groundglass densities seen in both lungs is noted with few residual areas. No new suspicious lung lesion is identified.

LYMPH NODES: Interval enlargement of 2 left lower paratracheal lymph node, larger one measuring 11 mm in short axis diameter.

PLEURA & PERICARDIUM: No pleural or pericardial effusion is seen.

CARDIOVASCULAR: Unremarkable.

MEDIASTINUM & ESOPHAGUS: Unremarkable.

BONES & CHEST WALL: No aggressive bone lesions are noted.

CATHETERS AND DEVICES:None

LOWER NECK:CT neck is reported separately.

UPPER ABDOMEN: Hepatic hypodensities likely representing cysts.

#### IMPRESSION:

- -Interval enlargement of two left lower paratracheal lymph node.
- -Stable 2 small nodules, possibly benign. No suspicious parenchymal lesions.

For report clarification: rads@toh.ca

Authorizing Provider	Result Type		
Michael MacDonald Vickers	IMG CT PROCEDURES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
ATI POWERSCRIBE			

# GLUCOSE RANDOM - Final result (27/09/2021 10:29 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	5.4	4.0 - 11. mmol/L	0		EORLA	
Specimen (Source)	Anatomica Laterality	l Location /	Collection Method / Volume	Collection	Time	Received Time

Blood 27/09/2021 10:29 AM 27/09/2021 1:41 PM EDT

Authorizing Provider  Michael MacDonald	Result Type  LAB BLOOD O	RDERABLES				
ickers						
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
ORLA						
ABNORMAL) AUTOMAT	ED DIFFERENT	AL - Final r	esult (27/09/2021 10:29	AM EDT)		
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	4.4	2.0 - 7.5			EORLA	
		x10^9/L				
Lymphocyte	0.7 (L)	0.8 - 3.5			EORLA	
		x10^9/L				
Monocyte	0.5	0.1 - 1.0			EORLA	
•		x10^9/L				
Eosinophil	0.1	0.0 - 0.5			EORLA	
		x10^9/L				
Basophil	0.0	0.0 - 0.1			EORLA	
Базоріш	0.0	x10^9/L			LONLA	
Immatura Granulacita	0.0	<=0.1			EORLA	
Immature Granulocyte	0.0	<=0.1 x10^9/L			EUKLA	
		X10 3/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality	Cation /	Volume	Collection <sup>-</sup>	Time	Received Time
•	Lateranty		Volume	27/09/2021 10:29 AM		
Blood				EDT		27/09/2021 10:52 AN EDT
				בטו		נטו
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD O					
Michael MacDonald Vickers	LAB BLOOD O	KDEKABLES				
VICKEIS						
Porforming Organization	Addross		City/State/7IP Code	Phono Nun	nhor	
	Address		City/State/ZIP Code	Phone Nun	nber	
	Address		City/State/ZIP Code	Phone Nun	nber	
	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA		1 10 20 44		Phone Nun	nber	
EORLA						
EORLA REATININE - Final resu	ılt (27/09/202	Ref	И EDT)	Analysis	Performed	
EORLA REATININE - Final resu Component	ult (27/09/202 Value	Ref Range			Performed At	Pathologist Signature
EORLA REATININE - Final resu Component	ılt (27/09/202	Ref Range 62 - 100	И EDT)	Analysis	Performed	Pathologist Signature
EORLA REATININE - Final resu Component	ult (27/09/202 Value	Ref Range	И EDT)	Analysis	Performed At	Pathologist Signature
EORLA CREATININE - Final resu Component	ult (27/09/202 Value 78	Ref Range 62 - 100 umol/L	Л EDT) Test Method	Analysis	Performed At	Pathologist Signature
Performing Organization EORLA  EREATININE - Final resu Component Creatinine	ult (27/09/202 Value 78 Anatomical Lo	Ref Range 62 - 100 umol/L	M EDT)  Test Method  Collection Method /	Analysis Time	Performed At EORLA	
EORLA  CREATININE - Final resu  Component  Creatinine  Specimen (Source)	ult (27/09/202 Value 78	Ref Range 62 - 100 umol/L	Л EDT) Test Method	Analysis Time Collection	Performed At EORLA Time	Received Time
EORLA  REATININE - Final resu  Component  Creatinine  Specimen (Source)	ult (27/09/202 Value 78 Anatomical Lo	Ref Range 62 - 100 umol/L	M EDT)  Test Method  Collection Method /	Analysis Time  Collection 27/09/202	Performed At EORLA Time	Received Time 27/09/2021 10:53 AM
EORLA  REATININE - Final resu  Component  Creatinine	ult (27/09/202 Value 78 Anatomical Lo	Ref Range 62 - 100 umol/L	M EDT)  Test Method  Collection Method /	Analysis Time Collection	Performed At EORLA Time	Received Time
EREATININE - Final resu Component Creatinine Specimen (Source) Blood (Blood, Venous)	Value 78  Anatomical Lo	Ref Range 62 - 100 umol/L	M EDT)  Test Method  Collection Method /	Analysis Time  Collection 27/09/202	Performed At EORLA Time	Received Time 27/09/2021 10:53 AM
EORLA  REATININE - Final resu  Component  Creatinine  Specimen (Source)	Value 78  Anatomical Lotaterality  Result Type	Ref Range 62 - 100 umol/L ocation /	M EDT)  Test Method  Collection Method / Volume	Analysis Time  Collection 27/09/202	Performed At EORLA Time	Received Time 27/09/2021 10:53 AM
EORLA  EREATININE - Final result  Component  Creatinine  Specimen (Source)  Blood (Blood, Venous)	Value 78  Anatomical Lo	Ref Range 62 - 100 umol/L ocation /	M EDT)  Test Method  Collection Method / Volume	Analysis Time  Collection 27/09/202	Performed At EORLA Time	Received Time 27/09/2021 10:53 AM
EORLA  REATININE - Final results  Component  Creatinine  Specimen (Source)  Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald	Value 78  Anatomical Lotaterality  Result Type	Ref Range 62 - 100 umol/L ocation /	M EDT)  Test Method  Collection Method / Volume	Analysis Time  Collection 27/09/202	Performed At EORLA Time	Received Time 27/09/2021 10:53 AM
EORLA  REATININE - Final result  Component  Creatinine  Specimen (Source)  Blood (Blood, Venous)  Authorizing Provider	Value 78  Anatomical Lotaterality  Result Type	Ref Range 62 - 100 umol/L ocation /	M EDT)  Test Method  Collection Method / Volume	Analysis Time  Collection 27/09/202	Performed At EORLA Time	Received Time 27/09/2021 10:53 AM
EORLA  REATININE - Final result  Component  Creatinine  Specimen (Source)  Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald	Value 78  Anatomical Locaterality  Result Type LAB BLOOD O	Ref Range 62 - 100 umol/L ocation /	M EDT)  Test Method  Collection Method / Volume	Analysis Time  Collection 27/09/202	Performed At EORLA Time	Received Time 27/09/2021 10:53 AM
REATININE - Final results Component Creatinine Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers	Value 78  Anatomical Locaterality  Result Type LAB BLOOD O	Ref Range 62 - 100 umol/L ocation /	M EDT)  Test Method  Collection Method / Volume	Analysis Time  Collection 27/09/2021 EDT	Performed At EORLA Time	Received Time 27/09/2021 10:53 AM

Ref

Range

Test Method

Value

Component

Analysis Time

Performed

At

Pathologist Signature

WBC	5.7	3.5 - 10.5 x10^9/L			EORLA	
RBC	3.31 (L)	4.00 - 5.50 x10^12/L			EORLA	
HGB	114 (L)	125 - 170 g/L			EORLA	
НСТ	0.332 (L)	0.380 - 0.500 L/L			EORLA	
MCV	100.3 (H)	80.0 - 100.0 fL			EORLA	
MCH	34.4 (H)	27.0 - 34.0 pg			EORLA	
MCHC	343	315 - 355 g/L			EORLA	
RDW	12.8	11.5 - 15.5 %			EORLA	
Plat	247	130 - 380 x10^9/L			EORLA	
MPV	8.8 (L)	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ïme	Received Time
Blood (Blood, Venous)				27/09/2021 EDT	10:29 AM	27/09/2021 10:52 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			,			
ALT - Final result (27/09		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	12	12 - 49 U/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ïme	Received Time
Blood (Blood, Venous)				27/09/2021 EDT	10:29 AM	27/09/2021 10:53 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA	7.0.01033		org, orace, zii code	. HOHE HUH		
201121						
TSH - Final result (27/09	9/2021 10:29 <i>A</i>	AM EDT)				

Ref

Analysis Performed

Component	Value	Range	Test Method	Time	At	Pathologist Signature
TSH	1.69	0.27 -			EORLA	
		4.20 mIU/L				
		IIIIO/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				27/09/2021 EDT	10:29 AM	27/09/2021 10:52 AM EDT
				LDI		LDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			, ,			
ALKALINE DUOCDUATA	CE (ALD) E.	2/ بالتمميرات	7/00/2021 10:20 44.5	-DT/		
ALKALINE PHOSPHATA	ASE (ALP) - Fina	al result (2 Ref	1/U9/2021 10:29 AM E	:DT) Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	76	50 - 112			EORLA	3 3
		U/L				
	Anatomical Lo	cotion /	Collection Method /			
Specimen (Source)	Laterality	cation /	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				27/09/2021 10:29 AM		27/09/2021 10:53 AM
, , ,				EDT		EDT
A the disease Described	D It T					
Authorizing Provider  Michael MacDonald	Result Type  LAB BLOOD OF		•			
Vickers	LAB BLOOD OF	NUENABLES	)			
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
BILIRUBIN, TOTAL - Fin	al result (27/09	9/2021 10:	:29 AM EDT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L			EORLA	
		uilioi/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				27/09/2021 EDT	10:29 AM	27/09/2021 10:53 AM EDT
				נטו		נטו
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES	<u> </u>			
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			,			
(ADMODIAN) FIREST	VTE DALIE: (T	CTD OLVET	6) Pt. 1 1, (6m/66/6	004 40 00 111	EDT'	
(ABNORMAL) ELECTROL	Y I E PANEL (ELE	CTROLYTE Ref	5) - Final result (27/09/2	2021 10:29 AM Analysis	<b>EDT)</b> Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	139	136 - 144	4		EORLA	<u> </u>
		mmol/L				

K	5.2 (H)	3.5 - 5.1			EORLA		
		mmol/L					
Cl	102	98 - 107 mmol/L			EORLA		
CO2	28	19 - 30 mmol/L			EORLA		
Anion Gap	9	8 - 16			EORLA		
7tillott Gup	3	mmol/L			LONDA		
	Anatomical Loc	cation /	Collection Method /	6 II .: T	•	5	
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time	
Blood (Blood, Venous)				27/09/2021 EDT	10.29 AW	27/09/2021 10:53 AM EDT	
Authorizing Provider	Result Type						
Michael MacDonald	LAB BLOOD OR	DERABLES					
Vickers							
			Ci. (C (7:7.	DI			
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber		
EORLA							
OCCULT BLOOD, STOOL	- Final result (	15/09/20	21 1·08 AM FDT)				
00001. 52005, 51001	- manesane (	Ref		Analysis	Performed		
Component	Value	Range	Test Method	Time	At	Pathologist Signature	
Specimen Comment	NOT NEEDED				OLIS		
Comment:							
FIT:	Specimer	Not Rece	eived Within 6 Months				
Comment: Your patient within 6 months of the							
Action required for your patient. Plotte the importance of colorny questions or concorn	ease contact y orectal cancer	our pation screening	ent to discuss ng and address				
any questions or concerns they may have about the test.  Action required for your patient: Please advise your patient to complete a new FIT and mail it back to the lab (or drop it off) as soon as possible, ideally within 2 days, to ensure it arrives at the lab within 14 days of specimen collection.							
Please visit cancerca access the FIT instru		TTinstru	ctions to				
Ancillary determined	the test is no	ot needed					
	Anatomical Loc	cation /	Collection Method /	6 H .: =		B : 1=:	
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time	
Stool = Fecal				15/09/2021	1:08 AM EDT	15/09/2021 1:08 AM EDT	
Narrative							
OLIS - 15/09/2021 8	3:12 PM EDT						
		ed; it is	derived from the prov	ided Order o	date/time		

Authorizing Provider Result Type

Michel Maalouf LAB BODY FLUIDS AND STOOLS ORDERABLES

Performing Organization Address City/State/ZIP Code Phone Number

НСТ	0.316 (L)	0.380 - 0.500 L/L			EORLA	
MCV	102.9 (H)	80.0 - 100.0 fL			EORLA	
МСН	33.6	27.0 - 34.0 pg			EORLA	
MCHC	326	315 - 355 g/L			EORLA	
RDW	13.9					
Plat	260	130 - 380 x10^9/L			EORLA	
MPV	9.1	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)						30/08/2021 3:58 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
CREATININE - Final resu	ult (30/08/2021 Value	3:15 PM Ref Range	EDT) Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	74	62 - 100 umol/L	rest method	Time	EORLA	r atmologist signature
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				30/08/2021	3:15 PM EDT	30/08/2021 3:48 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
(ABNORMAL) ALT - Final	result (30/08/2	<b>021 3:15 P</b> Ref	M EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	7 (L)	12 - 49 U/L			EORLA	- 5
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)						30/08/2021 3:48 PM EDT
Authorizing Provider	Result Type					

Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA	7.0.0050					
ALP - Final result (30/08	3/2021 3:15 PM	EDT) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
ALP	75	50 - 112			EORLA	3 3
		U/L				
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				30/08/2021	3:15 PM EDT	30/08/2021 3:48 PM EDT
Authorizing Provider	Pocult Typo					
Authorizing Provider  Michael MacDonald	Result Type  LAB BLOOD OR	DERARI ES				
Vickers	2 (2 2100D OK	DEIV (DEE)				
	A 1.1		C'. (C) . (715 C .)	DI		
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
BILIRUBIN, TOTAL - Fina	al result (30/08)	/2021 3:15	5 PM EDT)			
	\	Ref	T ( ) A ( )	Analysis	Performed	D (1 1 : (C)
Component Bilirubin Total	Value 5	Range <=15	Test Method	Time	At EORLA	Pathologist Signature
DIIII UDIII TOLAI	5	v=15 umol/L			EUKLA	
Specimen (Source)	Anatomical Loc	ation /	Collection Method / Volume	Collection T	ima	Received Time
Specimen (Source) Blood (Blood, Venous)	Laterality		volume	Collection Time		30/08/2021 3:48 PM EDT
Blood (Blood, Vellods)				30,00,2021	3.13 T W LD T	30/00/2021 3:10 1 W 251
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) ELECTROLY	TE PANEL (ELFC	TROLYTES	5) - Final result (30/08/2	021 3:15 PM F	DT)	
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	137	136 - 144 mmol/L			EORLA	
K	4.4	3.5 - 5.1 mmol/L			EORLA	
Cl	102	98 - 107 mmol/L			EORLA	
CO2	28	19 - 30			EORLA	
Anion Can	7(1)	mmol/L 8 - 16			EORLA	
Anion Gap	7 (L)	8 - 16 mmol/L			EUKLA	
		, -				
Carrier (C	Anatomical Loc	ation /	Collection Method /	C-11 .: -	•	Description 17
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	Collection T		Received Time 30/08/2021 3:48 PM EDT
bioou (bioou, venous)				3U/UÖ/ZUZ I	5.15 PIVI EUI	3U/U0/ZUZ I 3,40 PIVI ED I

Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
VICKEIS						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
GLUCOSE RANDOM - Fi	inal result (03/0	08/2021 1	:42 PM EDT)			
Commonant	Value	Ref	Tost Mothod	Analysis	Performed	Dath ala sist Cignatura
Component Glucose Random	5.8	Range 4.0 - 11.0	Test Method	Time	At EORLA	Pathologist Signature
Gracose Nariaom	3.0	mmol/L			LONE	
	Anatomicallos	nation /	Collection Method /			
Specimen (Source)	Anatomical Loc Laterality	ation /	Volume	Collection Ti	ime	Received Time
Blood				03/08/2021	1:42 PM EDT	03/08/2021 2:22 PM EDT
Authorities Durides	December Trans					
Authorizing Provider  Michael MacDonald	Result Type  LAB BLOOD OR	DERABLES				
Vickers	END DEGOD ON	DEIV (DEES				
Danfarraina Oranai-atian	A -1 -1		C:t. /Ct-t- /7ID C	Dla a sa a Nivera	la au	
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
LONLA						
AUTOMATED DIFFEREN	TIAL - Final res		3/2021 1:42 PM EDT)	A li.o	D - f - man d	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Neutrophil	5.5	2.0 - 7.5	1001		EORLA	1 44
·		x10^9/L				
Lymphocyte	0.9	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.7	0.1 - 1.0			EORLA	
,		x10^9/L				
Eosinophil	0.0	0.0 - 0.5			EORLA	
Basophil	0.0	x10^9/L 0.0 - 0.1			EORLA	
Бизортт	0.0	x10^9/L			LOND	
Immature Granulocyte	0.0	<=0.1			EORLA	
		x10^9/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood				03/08/2021	1:42 PM EDT	03/08/2021 2:23 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
CREATININE - Final resu	ıl+ (02/08/2021	1.42 DM	EDT)			
CREATIVITYE - FILIAL TESU	11 (03/00/2021	Ref	LDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	79	62 - 100			EORLA	
		umol/L				

	Anatomical Location /		Collection Method /			
Specimen (Source)	Laterality	,,	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				03/08/2021	1:42 PM EDT	03/08/2021 2:22 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) CBC - Final	result (03/08/2	021 1:42 P	M EDT)			
Commonant	Value	Ref	Tost Mathad	Analysis	Performed	Dath alagist Cignatura
Component WBC	Value 7.2	Range 3.5 - 10.5	Test Method	Time	At EORLA	Pathologist Signature
VVDC	1,2	x10^9/L			LONLA	
RBC	3.04 (L)	4.00 -			EORLA	
		5.50 x10^12/L				
HGB	102 (L)	125 - 170			EORLA	
	102 (2)	g/L			LOND	
НСТ	0.311 (L)	0.380 - 0.500 L/L			EORLA	
MCV	102.3 (H)	80.0 - 100.0 fL			EORLA	
МСН	33.6	27.0 - 34.0 pg			EORLA	
МСНС	328	315 - 355 g/L			EORLA	
RDW	15.3	11.5 - 15.5 %			EORLA	
Plat	316	130 - 380 x10^9/L			EORLA	
MPV	8.9 (L)	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
	Anatomical Loc	ation /	Collection Method /	C II .: T		D : 17
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	Collection T		Received Time 03/08/2021 2:23 PM EDT
שוטטע (פוטטע, venous)				03/00/2021	1.44 FIVI EUI	03/00/2021 2.23 FIVI EDI
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			.,,	22.110111	-	
(ABNORMAL) ALT - Final	result (03/08/20		M EDT)	Amalusi-	Dantann	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	8 (L)	12 - 49 U/L		<del>-</del>	EORLA	J 2.2.2.g
	Anatomical Loc	ation /	Collection Method /			

Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				03/08/2021	1:42 PM EDT	03/08/2021 2:22 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
VICKEIS						
Performing Organization	Address		City/State/ZIP Code	Phone Number		
EORLA						
TCI 5' 1 1 (02 (0)	2/2024 4 42 DN	4 EDT)				
TSH - Final result (03/08	3/2021 1:42 PN	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
TSH	1.72	0.27 -			EORLA	. attro-ogist orginatar o
		4.20				
		mIU/L				
	Anatomical Loc	ration /	Collection Method /			
Specimen (Source)	Laterality	atiOH /	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	<i>y</i>					03/08/2021 2:22 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			,			
ALD 5'   1, (02,(06	. /2.024 4 42 DN	LEDT)				
ALP - Final result (03/08	3/2021 1:42 PW	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
ALP	76	50 - 112			EORLA	
		U/L				
	A	-ti /	Callastian Mathead /			
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)						03/08/2021 2:22 PM EDT
, , ,						
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			,			
DILIDIAN TOTAL 5	-l li (02 (02	/2024 4 4				
BILIRUBIN, TOTAL - Fina	ai resuit (03/08,	/2021 1:4. Ref	Z PIVI EUT)	Analysis	Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
Bilirubin Total	6	<=15		-	EORLA	5
		umol/L				
		,				
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Lateranty		VOIGITIC			03/08/2021 2:22 PM EDT
2.000 (2.000, 4011003)				55, 56, 2621	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-5, 55, -52. 2.22 1 191 201
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				

VICKEIS						
Performing Organization	Address		City/State/ZIP Code	Phone Number		
EORLA						
ELECTROLYTE PANEL (E	LECTROLYTES)	- Final re	sult (03/08/2021 1:42 P	PM EDT)		
(=	,	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	138	136 - 144 mmol/L			EORLA	
К	4.6	3.5 - 5.1			EORLA	
K	4.0	mmol/L			LONLA	
Cl	99	98 - 107			EORLA	
		mmol/L				
CO2	29	19 - 30 mmol/L			EORLA	
Anion Gap	10	8 - 16			EORLA	
, and a sup		mmol/L				
Specimen (Source)	Anatomical Location / Laterality		Collection Method / Volume	Collection Time		Received Time
Blood (Blood, Venous)						03/08/2021 2:22 PM EDT
Authorizing Provider  Michael MacDonald	Result Type	DEDARIEC				
Vickers	LAB BLOOD OR	DEKABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
AUTOMATED DIFFEREN	ITIAL - Final res	sult (05/07	7/2021 3:45 PM EDT)			
		Ref	T	Analysis	Performed	
Component  Neutrophil	Value 4.8	2.0 - 7.5	Test Method	Time	At EORLA	Pathologist Signature
Neutropiiii	4.0	x10^9/L			LONDA	
Lymphocyte	0.9	0.8 - 3.5			EORLA	
	0.7	x10^9/L			FOR! A	
Monocyte	0.7	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.0	0.0 - 0.5			EORLA	
·		x10^9/L				
Basophil	0.0	0.0 - 0.1			EORLA	
Immature Granulocyte	0.0	x10^9/L <=0.1			EORLA	
illillature Grandiocyte	0.0	x10^9/L			LONLA	
Specimen (Source)	Anatomical Location / Laterality		Collection Method / Volume	Collection Time		Received Time
Blood	Lateranty		Volume			05/07/2021 5:10 PM EDT
				,,	- · · · · ·	, : , : <u>-</u> : :
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
VICKEIS						
Performing Organization	Address			Phone Number		
	Address		City/State/ZIP Code	Phone Num	ber	
EORLA	Address		City/State/ZIP Code	Phone Num	ber	

Vickers

(ABNORMAL) CBC - Final	result (05/07/2		M EDT)			
Component	Value	Ref	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	6.5	Range 3.5 - 10.5		Time	EORLA	Patriologist Signature
WBC	0.5	x10^9/L			LONEA	
RBC	2.96 (L)	4.00 -			EORLA	
		5.50 x10^12/L				
HGB	101 (L)	125 - 170			EORLA	
1165	101 (2)	g/L			LONE	
НСТ	0.295 (L)	0.380 - 0.500 L/L			EORLA	
MCV	99.7	80.0 - 100.0 fL			EORLA	
МСН	34.1 (H)	27.0 - 34.0 pg			EORLA	
МСНС	342	315 - 355 g/L			EORLA	
RDW	16.8 (H)	11.5 - 15.5 %			EORLA	
Plat	268	130 - 380 x10^9/L			EORLA	
MPV	9.4	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality	Lation /	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				05/07/2021	3:45 PM EDT	05/07/2021 5:10 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
GLUCOSE RANDOM - F	inal result (05/	07/2021 3	3:45 PM EDT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	6.6	4.0 - 11.0 mmol/L			EORLA	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood				05/07/2021	3:45 PM EDT	05/07/2021 8:03 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

(ABNORMAL) LFT'S (ALP,ALT,AST,BILI TOTAL) (LFTS (ALP, ALT, AST, TOTAL BILIRUBIN)) - Final result (05/07/2021 3:45 PM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	83	50 - 112 U/L			EORLA	
AST	15	12 - 29 U/L			EORLA	
ALT	9 (L)	12 - 49 U/L			EORLA	
Bilirubin Total	5	<=15 umol/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	ime	Received Time
Blood				05/07/2021	3:45 PM EDT	05/07/2021 5:12 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
CREATININE - Final resu	ult (05/07/2021	3:45 PM Ref	EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	75	62 - 100 umol/L			EORLA	3 3
Specimen (Source) Blood	Anatomical Loc Laterality	ration /	Collection Method / Volume	Collection Ti		Received Time 05/07/2021 5:12 PM EDT
ыооч				03/01/2021	3.43 T W LDT	03/01/2021 3.12 1 WI EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
TSH - Final result (05/07		Ref	Took Markle and	Analysis	Performed	Dath also ist Cismatum
Component TSH	Value 1.32	Range 0.27 -	Test Method	Time	At EORLA	Pathologist Signature
1211	1.32	4.20 mIU/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	ime	Received Time
Blood	-			05/07/2021	3:45 PM EDT	05/07/2021 5:12 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
VICKCIS						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

(ABNORMAL) MAGNESIU	JM - Final result	(05/07/20	21 3:45 PM EDT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Mg	0.53 (L)	0.66 - 1.07			EORLA	
		mmol/L				
		minol, L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection		Received Time
Blood				05/07/2021	1 3:45 PM EDT	05/07/2021 5:12 PM EDT
Authorizing Provider	Pocult Typo					
Michael MacDonald	Result Type  LAB BLOOD OI	DDED V BI EC				
Vickers	LAB BLOOD OF	NDLNADLLS				
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA			,			
ELECTROLYTE PANEL (E	LECTROLYTES		sult (05/07/2021 3:45 F			
Component	Value	Ref	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	139	Range 136 - 144		Time	EORLA	Patriologist Signature
		mmol/L				
K	4.1	3.5 - 5.1 mmol/L			EORLA	
Cl	99	98 - 107 mmol/L			EORLA	
CO2	26	19 - 30 mmol/L			EORLA	
Anion Gap	14	8 - 16 mmol/L			EORLA	
		IIIIIIOI/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection <sup>-</sup>	Time	Received Time
Blood				05/07/2021	1 3:45 PM EDT	05/07/2021 5:12 PM EDT
Authorities Descriptor	Decult Tues					
Authorizing Provider  Michael MacDonald	Result Type  LAB BLOOD OI	DDEDADLEC				
Vickers	LAB BLOOD OF	KDEKABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA			, ,			
CT NECK W WO IV CON				)		
Anatomical Region	Lateralit	ty	Modality			
Neck, Vascular			Computed	Tomography		
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality	Cation /	Volume	Collection <sup>-</sup>	Time	Received Time
					1 1:12 PM EDT	
				, ,		
Impressions						
ATL POWERSCRIBE - 1	17/06/2021 8	:20 PM E	DT			

ATL POWERSCRIBE - 17/06/2021 8:20 PM EDT

No significant interval change in comparison to previous study from March 2021. Irregular right cervical lymph node conglomerate mass extending to the epiglottis, right vallecula and tongue root remains comparable to prior.

## ATL POWERSCRIBE - 17/06/2021 8:20 PM EDT

CT NECK WITH AND WITHOUT CONTRAST

INDICATION: 67 years old Male " stage 4 H/N cancer. ? Progression on chemo. "

TECHNIQUE: Helical CT of the neck was performed with and without intravenous contrast administration, with

multiplanar reformatted images. COMPARISON: CT neck March 1621

### FINDINGS:

Redemonstration of irregular lymph node conglomerate mass in the level 2 and 3 of the right cervical chain. It has not significantly unchanged in size and appearance, measuring 5.8 x 2.6 cm (previously 5.8 x 2.0 cm). There is comparable extension of the mass into the lingual surface of the epiglottis, tongue root and right vallecula as well as similar invasion into the right sternocleidomastoid muscle. There is comparable hypopharynx and laryngeal mucosal edema, which are possible extension to the right hypopharyngeal wall. The right submandibular gland again appears infiltrated by the mass. Stable thickening of the epiglottis.

Stable thickening of bilateral platysma muscle and subcutaneous fat stranding from post radiation changes.

The right carotid sheath again encased by the infiltrative mass but remains patent.

No new significant cervical adenopathy by standard size or morphologic criteria.

The visualized intracranial structures appear unremarkable. Orbits are unremarkable. Small polyp versus retention cyst in the left maxillary sinus again noted. The remaining paranasal sinuses and mastoid air cells are clear.

No concerning osseous lesion. Degenerative changes of the cervical spine are stable.

The central airways are patent. CT Chest reported separately.

### Procedure Note

# Vered Priscilla Tsehmaister Abitbul - 17/06/2021

Formatting of this note might be different from the original.

CT NECK WITH AND WITHOUT CONTRAST

INDICATION: 67 years old Male " stage 4 H/N cancer. ? Progression on chemo. "

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COMPARISON: CT neck March 1621

# FINDINGS:

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The central airways are patent. CT Chest reported separately.

## IMPRESSION:

No significant interval change in comparison to previous study from March 2021. Irregular right cervical lymph node conglomerate mass extending to the epiglottis, right vallecula and tongue root remains comparable to prior.

Isabelle Danika Gauthier, PGY 2

Authorizing Provider Result Type

Michael MacDonald

IMG CT PROCEDURES

Vickers

Performing Organization Address City/State/ZIP Code Phone Number

ATL POWERSCRIBE

# CT CHEST W IV CONTRAST - Final result (14/06/2021 3:56 PM EDT)

Anatomical Region Laterality Modality

Chest Computed Tomography

Anatomical Location / Collection Method /

Specimen (Source) Laterality Volume Collection Time Received Time

17/06/2021 2:13 PM EDT

Impressions

# ATL POWERSCRIBE - 17/06/2021 2:20 PM EDT

1. No evidence of metastatic disease within the chest.

2. New bilateral patchy lung opacities are likely infectious/respiratory in nature.

For report clarification: rads@toh.ca

### Narrative

### ATL POWERSCRIBE - 17/06/2021 2:20 PM EDT

CT THORAX WITH IV CONTRAST

INDICATION: .; stage 4 H/N cancer. ? progression on chemo.

COMPARISON: March 16, 2021, February 3, 2021.

LUNGS & TRACHEOBRONCHIAL TREE: New bilateral patchy peribronchovascular groundglass opacities. Stable right lower lobe solid pulmonary nodule (7/188) is unchanged since November 19, 2018 and benign. No enlarging or suspicious pulmonary nodules. Stable left upper lobe solid pulmonary nodule measuring 5 mm (7/77), previous a 5 mm and previously 4 mm on February 3, 2021. Stable left lower lobe, superior basal segment, solid pulmonary nodule measuring 3 mm (7/109), unchanged. No enlarging or suspicious pulmonary nodules.

LYMPH NODES & MEDIASTINUM: No thoracic lymph node enlargement.

PLEURA & PERICARDIUM: No pleural or pericardial effusion.

HEART & VESSELS: Severe coronary artery calcification.

ESOPHAGUS: Unremarkable.

LOWER NECK: CT neck reported separately.

BONES & CHEST WALL: Unremarkable.

UPPER ABDOMEN: Stable liver segment 6 hypodensity is unchanged since November 19, 2018 and represents a benign simple cyst. No suspicious liver lesions..

-----

# Procedure Note

# Robert Seung Heun Lim - 17/06/2021

Formatting of this note might be different from the original.

CT THORAX WITH IV CONTRAST

INDICATION: .; stage 4 H/N cancer. ? progression on chemo.

COMPARISON: March 16, 2021, February 3, 2021.

LUNGS & TRACHEOBRONCHIAL TREE: New bilateral patchy peribronchovascular groundglass opacities. Stable right lower lobe solid pulmonary nodule (7/188) is unchanged since November 19, 2018 and benign. No enlarging or suspicious pulmonary nodules. Stable left upper lobe solid pulmonary nodule measuring 5 mm (7/77), previous a 5 mm and previously 4 mm on February 3, 2021. Stable left lower lobe, superior basal segment, solid pulmonary nodule measuring 3 mm (7/109), unchanged. No enlarging or suspicious pulmonary nodules.

LYMPH NODES & MEDIASTINUM: No thoracic lymph node enlargement.

PLEURA & PERICARDIUM: No pleural or pericardial effusion.

HEART & VESSELS: Severe coronary artery calcification.

ESOPHAGUS: Unremarkable.

LOWER NECK: CT neck reported separately.

BONES & CHEST WALL: Unremarkable.

UPPER ABDOMEN: Stable liver segment 6 hypodensity is unchanged since November 19, 2018 and represents a benign simple cyst. No suspicious liver lesions..

-----

# IMPRESSION:

Authorizing Provider

Michael MacDonald

Performing Organization Address

Vickers

Result Type

**BLOOD BANK PRODUCT ORDERABLES** 

- 1. No evidence of metastatic disease within the chest.
- 2. New bilateral patchy lung opacities are likely infectious/respiratory in nature.

For report clarification: rads@toh.ca

Authorizing Provider	Result Type		
Michael MacDonald Vickers	IMG CT PROCEDURES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
ATL POWERSCRIBE			

CROSSMATCH & PREF	PARE RED BLOOD CE	ELLS (PREPARE RBC)	- Final result (09/06	/2021 10:02 A	M EDT)
	Ref	,	Analysis	-	,
Component	Value Ran	ge Test Method	Time	Performed At	Pathologist Signature
Unit Number	C055521421487			CERNER TRANSFUSION MEDICINE	
Blood Product Code	E6050V00			CERNER TRANSFUSION MEDICINE	
Blood Expiration Date	202106292359			CERNER TRANSFUSION MEDICINE	
Unit ABORh Code	6200			CERNER TRANSFUSION MEDICINE	
Blood Product Name	Red Blood Cells			CERNER TRANSFUSION MEDICINE	
Unit Number	C055521423040			CERNER TRANSFUSION MEDICINE	
Blood Product Code	E6050V00			CERNER TRANSFUSION MEDICINE	
Blood Expiration Date	202106292359			CERNER TRANSFUSION MEDICINE	
Unit ABORh Code	6200			CERNER TRANSFUSION MEDICINE	
Blood Product Name	Red Blood Cells			CERNER TRANSFUSION MEDICINE	
Specimen (Source)	Anatomical Location Laterality	Collection Metl	nod / Collection	Time	Received Time
			09/06/202 EDT	1 10:02 AM	

City/State/ZIP Code

Phone Number

ABO RH CONFIRMATIC	N - Final result	t (09/06/2 Ref	021 8:15 AM EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
ABO Rh Confirmation	A POS				EORLA	
		,				
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood						09/06/2021 8:17 AM EDT
Authorizing Provider Generic Orders Provider	Result Type  LAB BLOOD BA	NIV TECT O	ADDED A DLEC			
Generic Orders Provider	LAB BLOOD BA	INK IESI C	NUERABLES			
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) AUTOMAT	ED DIFFERENTIA	AL - Final r	esult (08/06/2021 9:38 A	AM EDT)		
Commonant	Malina	Ref	Took Mother d	Analysis	Performed	Dath all aist Cinnature
Component Neutrophil	Value 2.6	Range 2.0 - 7.5	Test Method	Time	At EORLA	Pathologist Signature
Νεαιτοριπι	۷.0	x10^9/L			LONLA	
Lymphocyte	0.5 (L)	0.8 - 3.5			EORLA	
		x10^9/L				
Monocyte	0.1	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.0	0.0 - 0.5			EORLA	
		x10^9/L				
Basophil	0.0	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.0	<=0.1 x10^9/L			EORLA	
	Anatomical Loc	ration /	Collection Method /			
Specimen (Source)	Laterality	.ation /	Volume	Collection T	ime	Received Time
Blood	,			08/06/2021	9:38 AM EDT	08/06/2021 10:21 AM
						EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	RDERABLES				
Performing Organization	Addross		City/State/ZIP Code	Phone Num	hor	
EORLA	Address		City/State/Zir Code	FIIOHE NUM	ibei	
60547WWW.5 5' I	L. (00 (00 (000)					
CREATININE - Final resu	uit (08/06/2021	9:38 AM Ref	EUI)	Analysis	Performed	
Component	Value	Ret Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	71	62 - 100			EORLA	
		umol/L				
	Anatomical Loc	ration /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ïme	Received Time
Blood (Blood, Venous)	-			08/06/2021	9:38 AM EDT	08/06/2021 10:21 AM EDT

Michael MacDonald   LAB BIOOD ORDERABLES   City/State/ZIP Code	Authorizing Provider	Result Type					
Performing Organization   Address   City/State/ZIP Code   Phone Number	Michael MacDonald		DERABLES				
CABNORMAL) CBC - Final result (08/06/2021 9:38 AM EDT)	Vickers						
CABNORMAL) CBC - Final result (08/06/2021 9:38 AM EDT)	Performing Organization	Address		City/State/ZIP Code	Phone Num	ıber	
Ref							
Ref							
Ref	(ARNORMAL) CBC - Final	result (08/06/2	∩21 9:38 A	M FDT)			
Me	(Abitottina) 626	165uit (55, 55, ±		W LD I ,	Analysis	Performed	
NRBC   NRBC	Component	Value				At	Pathologist Signature
S.50   X10^12/L	WBC	3.3 (L)				EORLA	
HCT	RBC	2.29 (L)	5.50			EORLA	
MCV	HGB	81 (L)				EORLA	
MCH	НСТ	0.237 (L)				EORLA	
MCHC   342   315 - 355   EORLA	MCV	103.5 (H)				EORLA	
MCHC	MCH	35.4 (H)				EORLA	
RDW	MCHC	342	315 - 355			EORLA	
Plat	RDW	13.7	11.5 -			EORLA	
MPV	Plat	138	130 - 380			EORLA	
NRBC/100 WBC  NRBC # 0.00 0.00 - 0.00	MPV	10.1	9.0 - 14.0			EORLA	
Anatomical Location / Collection Method / Volume Collection Time Received Time  Blood (Blood, Venous)  Authorizing Provider Result Type  Michael MacDonald Vickers  Performing Organization Address City/State/ZIP Code Phone Number  EORLA  (ABNORMAL) ALT - Final result (08/06/2021 9:38 AM EDT)  Ref Component Value Range Test Method Time At Pathologist Signature  ALT 10 (L) 12 - 49 U/L  Anatomical Location / Collection Method / Volume Collection Time Received Time  Blood (Blood, Venous)  Anatomical Location / Collection Method / Volume Collection Time Received Time  Blood (Blood, Venous)  Anatomical Location / Collection Method / Volume Collection Time Received Time  Blood (Blood, Venous)	NRBC/100 WBC	0.0				EORLA	
Specimen (Source)  Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald Vickers  Performing Organization  EORLA  City/State/ZIP Code Component  Value Range Result (08/06/2021 9:38 AM EDT) Ref Component  Value Range Analysis City/State/ZIP Code Component  Value Range Analysis City/State/ZIP Code Component  Value Range Component  Analysis Code Code Code Code Code Code Code Code	NRBC #	0.00	0.00			EORLA	
Blood (Blood, Venous)  Authorizing Provider Result Type  Michael MacDonald Vickers  Performing Organization Address City/State/ZIP Code Phone Number  EORLA  (ABNORMAL) ALT - Final result (08/06/2021 9:38 AM EDT)  Ref Analysis Performed At Pathologist Signature  ALT 10 (L) 12 - 49  U/L  Anatomical Location / Collection Method / Volume Collection Time Received Time  Blood (Blood, Venous)  O8/06/2021 9:38 AM EDT O8/06/2021 10:21 AM EDT  Component Value Range Test Method Time Received Time  Received Time  Received Time  O8/06/2021 9:38 AM EDT O8/06/2021 10:21 AM EDT  O8/06/2021 10:21 AM EDT  O8/06/2021 10:21 AM EDT  O8/06/2021 10:21 AM EDT  O8/06/2021 10:21 AM EDT  O8/06/2021 10:21 AM EDT  O8/06/2021 10:21 AM EDT  O8/06/2021 10:21 AM EDT  O8/06/2021 10:21 AM EDT	Specimen (Source)		ation /	-	Collection T	ime	Received Time
Michael MacDonald Vickers  Performing Organization Address City/State/ZIP Code Phone Number  EORLA  (ABNORMAL) ALT - Final result (08/06/2021 9:38 AM EDT)  Ref Analysis Performed At Pathologist Signature  ALT 10 (L) 12 - 49 U/L  Anatomical Location / Laterality Collection Method / Volume Collection Time Received Time  Blood (Blood, Venous)  EORLA  City/State/ZIP Code Phone Number  Phone Number  Pathologist Signature  Collection Time Received Time  Received Time  08/06/2021 9:38 AM EDT 08/06/2021 10:21 AM	_ ·	Laterancy		Volume			08/06/2021 10:21 AM
Michael MacDonald Vickers  Performing Organization Address City/State/ZIP Code Phone Number  EORLA  (ABNORMAL) ALT - Final result (08/06/2021 9:38 AM EDT)  Ref Analysis Performed Time At Pathologist Signature  ALT 10 (L) 12 - 49 U/L  Anatomical Location / Laterality Collection Method / Volume Collection Time Received Time  Blood (Blood, Venous)  EORLA  City/State/ZIP Code Phone Number  Phone Number  Pathologist Signature  Collection Time Received Time  Received Time  08/06/2021 9:38 AM EDT 08/06/2021 10:21 AM	Authorizing Provider	Result Type					
(ABNORMAL) ALT - Final result (08/06/2021 9:38 AM EDT)  Ref Component Value Range Test Method Time At Pathologist Signature  EORLA  Out  Anatomical Location / Collection Method / Volume Component Component Alt Component At Component Anatomical Location / Collection Method / Volume Collection Time Received Time  Received Time  08/06/2021 9:38 AM EDT 08/06/2021 10:21 AM	Michael MacDonald		DERABLES				
(ABNORMAL) ALT - Final result (08/06/2021 9:38 AM EDT)  Ref Component Value Range Test Method Time At Pathologist Signature  ALT 10 (L) 12 - 49 U/L  Anatomical Location / Collection Method / Volume Component Component At Correction Method / Collection Time Received Time  Blood (Blood, Venous)  O8/06/2021 9:38 AM EDT O8/06/2021 10:21 AM	Performing Organization	Address		City/State/ZIP Code	Phone Num	ıber	
Component Value Range Test Method Time At Pathologist Signature  ALT 10 (L) 12 - 49 U/L  Anatomical Location / Collection Method / Volume Collection Time Received Time  Blood (Blood, Venous)  Ref Range Test Method Time At Pathologist Signature  Collection Method / Volume Collection Time Received Time  08/06/2021 9:38 AM EDT 08/06/2021 10:21 AM							
Component Value Range Test Method Time At Pathologist Signature  ALT 10 (L) 12 - 49 U/L  Anatomical Location / Collection Method / Volume Collection Time Received Time  Blood (Blood, Venous)  Ref Range Test Method Time At Pathologist Signature  Collection Method / Volume Collection Time Received Time  08/06/2021 9:38 AM EDT 08/06/2021 10:21 AM							
Component Value Range Test Method Time At Pathologist Signature  ALT 10 (L) 12 - 49 U/L  Anatomical Location / Collection Method / Volume Collection Time Received Time  Blood (Blood, Venous)  Blood (Blood, Venous)	(ABNORMAL) ALT - Final	result (08/06/20		M EDT)	Amalysis	Darformed	
ALT  10 (L)  12 - 49  U/L  Anatomical Location / Collection Method /  Laterality  Volume  Collection Time  Received Time  08/06/2021 9:38 AM EDT  08/06/2021 10:21 AM	Component	Value		Test Method			Pathologist Signature
Specimen (Source)LateralityVolumeCollection TimeReceived TimeBlood (Blood, Venous)08/06/2021 9:38 AM EDT08/06/2021 10:21 AM	· · · · · · · · · · · · · · · · · · ·		12 - 49				
Specimen (Source)LateralityVolumeCollection TimeReceived TimeBlood (Blood, Venous)08/06/2021 9:38 AM EDT08/06/2021 10:21 AM		Anatomical Loc	+:an /	Callestian Mathod /			
Blood (Blood, Venous) 08/06/2021 9:38 AM EDT 08/06/2021 10:21 AM	Specimen (Source)		ation /		Collection T	ime	Received Time
· · · · · · · · · · · · · · · · · · ·	_ ·						

Authorizing Provider Michael MacDonald Vickers	Result Type LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			,, ,			
ALP - Final result (08/06	5/2021 9·38 ΔN	4 FDT)				
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	88	50 - 112 U/L			EORLA	
6 . (6 )	Anatomical Loc	cation /	Collection Method /	C II .: T		D : 1.T'
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	Collection Ti		Received Time 08/06/2021 10:21 AM
Blood (Blood, Verious)				00/00/2021	3.36 AIVI EDT	EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			,			
(ABNORMAL) MAGNESIU	IM - Final result		21 9:38 AM EDT)	Analysia	Dayfayyaad	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.47 (L)	0.66 - 1.07 mmol/L			EORLA	3 3
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	ime	Received Time
Blood (Blood, Venous)	,			08/06/2021	9:38 AM EDT	08/06/2021 10:21 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
BILIRUBIN, TOTAL - Fina	al result (08/06,	/2021 9:3 Ref	8 AM EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	8	<=15 umol/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)				U8/U6/2U21	9:38 AM EDT	08/06/2021 10:21 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						

Dayfarming Organization	A al al ra a a		City/Ctata/7ID Code	Dhana Numal		
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Numl	oer	
LORLA						
ELECTROLYTE PANEL (E	LECTROLYTES)		sult (08/06/2021 9:38 A	M EDT)		
	\	Ref	T N.A	Analysis	Performed	D (I I ' (C' )
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	138	136 - 144 mmol/L			EORLA	
K	4.1	3.5 - 5.1 mmol/L			EORLA	
CI	98	98 - 107 mmol/L			EORLA	
CO2	28	19 - 30 mmol/L			EORLA	
Anion Gap	12	8 - 16 mmol/L			EORLA	
	Anatomical Loca	ation /	Collection Method /			
Specimen (Source)	Laterality	auon/	Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	,			08/06/2021	9:38 AM EDT	08/06/2021 10:21 AM EDT
Authorizing Provider	Pocult Typo					
Authorizing Provider Michael MacDonald	Result Type  LAB BLOOD ORI	DERARIES				
Vickers	LAB BLOOD ON	DENABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	oer	
EORLA						
ABO RH (TOH/UOHI) - I	Final result (08/		9:38 AM EDT)			
Canadanah	\/al	Ref	Toot Motle od	Analysis	Performed	Dath all aist Cinnature
Component ABO Rh	Value A POS	Range	Test Method	Time	At EORLA	Pathologist Signature
ABO KN	A POS				EUKLA	
	Anatomical Loca	ation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	-			08/06/2021	9:38 AM EDT	08/06/2021 10:17 AM
						EDT
A .1	D 1: T					
Authorizing Provider	Result Type	W TECT O	DDED A DLEC			
Michael MacDonald Vickers	LAB BLOOD BAI	NK TEST O	KDEKABLE2			
Performing Organization	Address		City/State/ZIP Code	Phone Numl	per	
EORLA						
ANTIBODY SCREEN (TO	H/UOHI) - Fina		08/06/2021 9:38 AM ED			
Common our size	Value	Ref	Took Mother of	Analysis	Performed	Dathalagist Cissast
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Antibody Screen	Negative				EORLA	
	Anatomical Loca	ation /	Collection Method /			
Specimen (Source)	Laterality	1	Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	•			08/06/2021	9:38 AM EDT	08/06/2021 10:17 AM
						EDT

Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD BAN	IK TEST C	DRDERABLES			
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			0.0,70000,2 0000			
HOURS SINCE LAST ME		: (02/06/ Ref	/2021 11:22 AM EDT)	Analysis	Performed	
Component		Range	Test Method	Time	At	Pathologist Signature
Hours post prandial	0	hrs			OLIS	
Specimen (Source)	Anatomical Loca Laterality	tion /	Collection Method / Volume	Collection Ti	me	Received Time
Patient				02/06/2021	11:22 AM	02/06/2021 11:22 AM
				EDT		EDT
Narrative						
OLIS - 02/06/2021 8	3:05 PM EDT					
Patient Name on the o	rder was WILSON	I RANDY	JAMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB URINE ORD	ERABLES				
Porforming Organization	Addross		City/State/7ID Code	Phone Num	hor	
Performing Organization OLIS	Address		City/State/ZIP Code	Phone Num	bei	
OLIS						
COBALAMINS - Final re			M EDT)			
Component		Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Vitamin B12		>220	rest Method	Tillie	OLIS	Fathologist Signature
		pmol/L			- L.G	
Comment:	140 7 /2					
DEFICIENCY: < INSUFFICIENCY: 148 -	148 pmol/L					
	220 pmo1/L					
60% OF SYMPTOMATIC PA	TIENTS HAVE A					
HEMATOLOGIC OR NEUROL		О				
B12 SUPPLEMENTATION A	Γ A LEVEL					
<148 pmol/L Nature of Abnormal Te	st: An aged-bas	ed popu	lation			
		- Folia				
Specimen (Source)	Anatomical Loca Laterality	tion /	Collection Method / Volume	Collection Ti	me	Received Time
Serum	Lateranty		Volume			02/06/2021 8:05 AM EDT
						, ,
Narrative	2:06 DM EDT					
Patient Name on the o	rder was WILSON	RANDY	JAMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB URINE ORD	ERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
OLIS			,,,	one rann		

CHOLESTEROL IN LDL - Final result (02/06/2021 8:05 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Cholesterol In LDL; Calculated	4.01	mmol/L			OLIS	
Comment:			_			
<pre>LDL-cholesterol calcu &lt; or = 10 hours. Cons</pre>			-			
as an alternate lipid						
intermediate or high	_	10011119	creament in			
•	·					
	a tractallas	* - /	C II C - Mathead /			
Specimen (Source)	Anatomical Local Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Serum	Laterancy		Volume			02/06/2021 8:05 AM EDT
				0_,00,_0		,,
Narrative						
OLIS - 02/06/2021 & Patient Name on the o		N RANDY	JAMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB URINE ORD	DERABLES				
Desferration Operation	A -1 -1		C'1 /C1-1-/7ID C1-	Dia N I		
Performing Organization OLIS	Address		City/State/ZIP Code	Phone Numb	oer	
OLIS						
(ABNORMAL) PSA FREE/1	TOTAL RATIO MO		Final result (02/06/20			
Canananant	\/a	Ref	To at Matle a al	Analysis	Performed	Dathalasiat Cianatuna
Component  Prostate specific Ag	Value	Range 0 - 4.50	Test Method	Time	At	Pathologist Signature
Prostate specific Ag	7.58 (H)	ug/L			OLIS	
Comment: Nature of Ab	normal Test: A se	_	opulation			
Prostate Specific Antigen Free/Total Prostate	0.13 (L)	>0.25			OLIS	
Specific Antigen Ratio						
Comment:						
The following interpr		ines app	ly only when the			
Total PSA is 4.0 - 10	<u>-</u> .					
Depending on disease Free/Total PSA ratio						
prostate cancer is 49		-	irey or			
Free/Total PSA ratio	is >0.25,					
the probability of pr						
Nature of Abnormal Te	st: An aged-ba	sed popu	lation			
	Anatomical Loca	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	Received Time
Serum				02/06/2021 8	8:05 AM EDT	02/06/2021 8:05 AM EDT
Narrative						
OLIS - 02/06/2021 8	8:05 PM EDT					
Patient Name on the o		N RANDY	JAMES			
Authorition Duravidor	Decult Tues					
Authorizing Provider Michel Maalouf	Result Type  LAB BLOOD ORI	DEDADLEC				
		いにんみひしとく				
MICHEI Maaloui	LAB BLOOD OK	D	•			
Performing Organization		D	City/State/ZIP Code	Phone Numb	per	
		J 1.0 (J 12)		Phone Numb	per	
Performing Organization				Phone Numb	per	

TOTAL CHOLESTEROL/	HDL RATIO - Fi	inal result (	02/06/	2021 8:05 AM EI	OT)		
		Ref			Analysis	Performed	
Component	Value	Range	Test Me	ethod	Time	At	Pathologist Signature
Cholesterol/Cholesterol	5.6					OLIS	
In HDL Ratio							
	Anatomical Lo	cation /	Collecti	on Method /			
Specimen (Source)	Laterality	-	Volume	-		Received Time	
Serum	-				02/06/202	1 8:05 AM EDT	02/06/2021 8:05 AM EDT
Narrative 03 (06 (2021	0.05 DW 5DT						
OLIS - 02/06/2021 Patient Name on the o		ON RANDY JA	AMES				
Authorizing Provider	Result Type						
Michel Maalouf	LAB BLOOD OF	RDERABLES					
Danfannaina Oussaisstian	Λ al al u a a a		C:+/C+-	t	Dla a a a Niv		
Performing Organization	Address		City/Sta	ite/ZIP Code	Phone Nu	mber	
OLIS							
(ABNORMAL) NON-HDL	CHOLESTEROL	- Final resul	t (02/0	6/2021 8:05 AM E	DT)		
		Ref			Analysis	Performed	
Component	Value		Test Me	ethod	Time	At	Pathologist Signature
Cholesterol Non HDL	4.86 (H)	<4.29				OLIS	
		mmol/L					
Comment: Non HDL-cholesterol i	is calculated :	from total	cholos	t-arol			
and HDL-cholesterol a			Chores	steror			
the fasting status of		-	thresho	olds and targets	based on	2016 CCS qui	delines:
	·					_	
Category  Consider	initiating the	erapy if		Treatment targe	t		
					!		
				LDL-C <2.00 mmc			
prevention (10-19%)				or >50% decre			
		•		or non-HDL-C <2			
· · · · · · · · · · · · · · · · · · ·	=1 additional (						
İ					i		
·	atheroscleros:	•		LDL-C <2.00 mmc			
indicated  abdomina							
conditions mellitus	_	-	_	-			
_	rears duration cular disease;			or non-HDL-C <2	1.60		
	(age >=50 year:		runey		l I		
	(age / se /ea.				i		
Low-risk  LDL-C >=5	5.00 mmol/L			LDL-C >50% decr	ease		
*Consider target of L			_	with ACS <=3 mc	nths.		
Nature of Abnormal Te	est: An aged-b	ased popula	ation				
	A	/	Callage	Sans Mathagal /			
Specimen (Source)	Anatomical Loc Laterality	-	Volume	on Method /	Collection	Time	Received Time
Serum	Lateranty		VOIGITIE	•			02/06/2021 8:05 AM EDT
30.4					02,00,202	0.00 / NVI EDI	02,00,2021 0.03 AN LDT
Narrative							
OLIS - 02/06/2021		ON DANES: =:	A 14E C				
Patient Name on the o	oraer was WILS	UN KANDY JA	AMES				
Authorizing Provider	Result Type						
Michel Maalouf	LAB BLOOD OF	RDFRARI EC					
mener manoar	1.0 0L000 01	OLIVIDELU					

Performing Organization	n Address		City/State/ZIP Code	Phone Num	ber	
OLIS						
(ARNODMAL) CHOLEST	EDOL DANDON	/ - Final ro	sult (02/06/2021 8:05 AN	/ EDT)		
(ADNORWAL) CHOLEST	EROL, KANDON	Ref	Suit (02/00/2021 6.05 AN	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Cholesterol	5.91 (H)	<5.20			OLIS	<u> </u>
		mmol/L				
Comment:	7. (					
DESIRED: < 5.20 mmo	•	hacad none	ulation			
Nature of Apriorillar 1	est. All ageu-	baseu popi	TIACTOIL			
	Anatomical L	ocation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Serum				02/06/2021	8:05 AM EDT	02/06/2021 8:05 AM EDT
Nametica						
Narrative	8:05 PM FDT	•				
Patient Name on the	order was WIL	SON RANDY	JAMES			
Authorizing Provider	Result Type	000004015	•			
Michel Maalouf	LAB BLOOD (	JKDEKABLE	S			
Performing Organization	n Address		City/State/ZIP Code	Phone Num	ber	
OLIS			0.0,70000,700			
0 2.0						
CREATININE - Final res	sult (02/06/20	21 8:05 AN	И EDT)			
				Analysis	Performed	
Component		Ref Range	Test Method	Time	At	Pathologist Signature
Creatinine		60 - 110 un	•		OLIS	
Comment: Nature of A			population		OLIC	
Glomerular filtration rate/1.73 sq M	76	>=60 mL/min/1.7	3m*2		OLIS	
Comment:		11112/1111111/11.7	3111 Z			
	sing the CKD-	EPI 2009 6	equation.Consistent wi	th mildly ded	creased kidr	ney function.
However, in the abse			•			
disease, eGFR values	_					
KDIGO criteria for c	-		Interpret			
results in concert w	ntn ACR measu	rement.				
For patients of Afri	can descent.	the report	ted eGFR must			
be multiplied by 1.1		•				
Nature of Abnormal T		based popu	ulation			
	Anatomicall	ocation /	Collection Mathed /			
Specimen (Source)	Anatomical L Laterality	ocation /	Collection Method / Volume	Collection T	ime	Received Time
Serum	Lateranty		70101110			02/06/2021 8:05 AM EDT
33.4				0_,00,2021	LD1	13,00,2021 0.00 / 1111 201
Narrative						
OLIS - 02/06/2021			IAMES			
Patient Name on the	oruer was WIL	SUN KANDY	JAMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB BLOOD (	ORDERABLE	 S			
		<b></b>				
Performing Organization	n Address		City/State/ZIP Code	Phone Num	ber	
OLIS						

25-HYDROXY VITAMIN	N D - Final res		2021 8:05 AM EDT)	A l ' -	Donform	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Vitamin D, 25-Hydroxy	109	76 - 250 nmol/L	Test Method	Time	OLIS	ratificiogist signature
Comment: DEFICIENCY: < 25 INSUFFICIENCY: 25 - SUFFICIENCY: 76 - 25 TOXICITY: > 250 Nature of Abnormal T	0 nmol/L nmol/L		lation			
	Anatomical L	ocation /	Collection Method /			
Specimen (Source) Serum	Laterality		Volume	Collection <sup>2</sup> 02/06/2021		Received Time 02/06/2021 8:05 AM EDT
Narrative OLIS - 03/06/2021 Patient Name on the	<b>11:02 AM E</b> order was WIL	<b>DT</b> LSON RANDY :	JAMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB BLOOD	ORDERABLES				
Performing Organization	n Address		City/State/ZIP Code	Phone Nun	nber	
OLIS						
URINALYSIS - Final res  Component Glucose	value NEG	Ref Range NEGATIVE	Test Method	Analysis Time	Performed At	Pathologist Signature
Comment: Nature of A	hnormal Test· Δ	mmol/L	d nonulation			
Bilirubin	NEG	NEGATIVE	• •		OLIS	
Comment:						
Nature of Abnormal T	est: An aged-	-based popu	lation			
Ketones	NEG	NEGATIVE mmol/L	=		OLIS	
Comment:		•				
Nature of Abnormal T	est: An aged-	-based popu	lation			
Specific Gravity	1.021	1.005 - 1.030			OLIS	
Comment:						
Nature of Abnormal T	est: An aged-	-based popu	lation			
Erythrocytes; Urine Comment:	NEG	NEGATIVE	=		OLIS	

Nature of Abnormal	Test: An age	d-based population	
pH Comment:	6.5	5.0 - 8.0	OLIS
Nature of Abnormal	Test: An age	d-based population	
Protein  Comment:	NEG	NEGATIVE g/L	OLIS
Nature of Abnormal	Test: An age	d-based population	
Urobilinogen  Comment:  Nature of Abnormal	16 Test: An age	3.2 - 16 umol/L d-based population	OLIS
Nitrite Comment:	NEG	NEGATIVE	OLIS
Leukocyte esterase	Test: An age	d-based population  NEGATIVE	OLIS
Comment:	INLO	INLUATIVE	OLIS
Nature of Abnormal	Test: An age	d-based population	
Colour	YELLOW	YELLOW	OLIS

Nature of Abnormal Te	st: An aged-l	pased popul	ation			
Appearance	CLEAR	CLEAR			OLIS	
Comment:						
Nature of Abnormal Te	st: An aged-I	pased popul	ation			
	Anatomical Lo	ocation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection T	ïme	Received Time
Urine	-			02/06/2021	8:05 AM EDT	02/06/2021 8:05 AM EDT
Narrative	2.06 DH EDT					
		SON RANDY J	AMES			
Narrative OLIS - 02/06/2021 8		SON RANDY J	AMES			
Narrative OLIS - 02/06/2021 8		SON RANDY J	AMES			
Narrative OLIS - 02/06/2021 & Patient Name on the o Authorizing Provider Michel Maalouf	rder was WILS  Result Type  LAB URINE O					
Narrative  OLIS - 02/06/2021 8 Patient Name on the o  Authorizing Provider  Michel Maalouf  Performing Organization	rder was WILS  Result Type  LAB URINE O		AMES  City/State/ZIP Code	Phone Num	ıber	
Narrative OLIS - 02/06/2021 & Patient Name on the o Authorizing Provider Michel Maalouf	rder was WILS  Result Type  LAB URINE O			Phone Num	ıber	
Narrative  OLIS - 02/06/2021 8 Patient Name on the o  Authorizing Provider  Michel Maalouf  Performing Organization	rder was WILS  Result Type  LAB URINE O			Phone Num	ıber	
Narrative  OLIS - 02/06/2021 & Patient Name on the of Authorizing Provider  Michel Maalouf  Performing Organization  OLIS	Result Type  LAB URINE O	RDERABLES	City/State/ZIP Code	Phone Num	ıber	
Narrative  OLIS - 02/06/2021 & Patient Name on the of Authorizing Provider  Michel Maalouf  Performing Organization  OLIS	Result Type  LAB URINE O	RDERABLES 2021 8:05 A	City/State/ZIP Code			
Narrative  OLIS - 02/06/2021 & Patient Name on the of Authorizing Provider  Michel Maalouf  Performing Organization  OLIS	Result Type  LAB URINE O	RDERABLES	City/State/ZIP Code	Phone Num Analysis Time	nber Performed At	Pathologist Signature
Narrative  OLIS - 02/06/2021 & Patient Name on the of Authorizing Provider  Michel Maalouf  Performing Organization  OLIS  (ABNORMAL) CBC - Final	Result Type LAB URINE Of Address  result (02/06/	RDERABLES  2021 8:05 A Ref	City/State/ZIP Code  M EDT)	Analysis	Performed	
Narrative  OLIS - 02/06/2021 & Patient Name on the of Authorizing Provider  Michel Maalouf  Performing Organization  OLIS  (ABNORMAL) CBC - Final Component  Mean Platelet Volume; Blood	Result Type LAB URINE Of Address  result (02/06/ Value 7.9	<b>2021 8:05 A</b> Ref Range 4.0 - 14.0 fL	City/State/ZIP Code  M EDT)  Test Method	Analysis	Performed At	
Narrative  OLIS - 02/06/2021 & Patient Name on the of Authorizing Provider  Michel Maalouf  Performing Organization  OLIS  (ABNORMAL) CBC - Final Component  Mean Platelet Volume;	Result Type LAB URINE Of Address  result (02/06/ Value 7.9	<b>2021 8:05 A</b> Ref Range 4.0 - 14.0 fL	City/State/ZIP Code  M EDT)  Test Method	Analysis	Performed At	
Narrative OLIS - 02/06/2021 & Patient Name on the of Authorizing Provider Michel Maalouf Performing Organization OLIS  (ABNORMAL) CBC - Final Component Mean Platelet Volume; Blood	Result Type LAB URINE Of Address  result (02/06/ Value 7.9	<b>2021 8:05 A</b> Ref Range 4.0 - 14.0 fL	City/State/ZIP Code  M EDT)  Test Method	Analysis	Performed At	
Narrative  OLIS - 02/06/2021 & Patient Name on the of Authorizing Provider  Michel Maalouf  Performing Organization  OLIS  (ABNORMAL) CBC - Final  Component  Mean Platelet Volume; Blood  Comment: Nature of Ab  Erythrocyte Distribution	Result Type LAB URINE Of Address  result (02/06/ Value 7.9  normal Test: Ar 16.5	2021 8:05 A Ref Range 4.0 - 14.0 fL n aged-based 12.5 - 17.3 %	City/State/ZIP Code  M EDT)  Test Method  d population	Analysis	Performed At OLIS	
Narrative  OLIS - 02/06/2021 & Patient Name on the of Authorizing Provider  Michel Maalouf  Performing Organization  OLIS  (ABNORMAL) CBC - Final  Component  Mean Platelet Volume; Blood  Comment: Nature of Ab  Erythrocyte Distribution  Width; RBC	Result Type LAB URINE Of Address  result (02/06/ Value 7.9  normal Test: Ar 16.5	2021 8:05 A Ref Range 4.0 - 14.0 fL aged-based 12.5 - 17.3 % aged-based 1.4 - 6.3	City/State/ZIP Code  M EDT)  Test Method  d population	Analysis	Performed At OLIS	
Narrative  OLTS - 02/06/2021 & Patient Name on the of Authorizing Provider  Michel Maalouf  Performing Organization  OLIS  (ABNORMAL) CBC - Final  Component  Mean Platelet Volume; Blood  Comment: Nature of Ab  Erythrocyte Distribution  Width; RBC  Comment: Nature of Ab  Neutrophils; Blood	Result Type LAB URINE Of Address  result (02/06/ Value 7.9  normal Test: Ar 16.5  normal Test: Ar 4.6	2021 8:05 A Ref Range 4.0 - 14.0 fL n aged-based 12.5 - 17.3 % n aged-based 1.4 - 6.3 x 10*9/L	City/State/ZIP Code  M EDT)  Test Method  d population  d population	Analysis	Performed At OLIS	
Narrative  OLIS - 02/06/2021 & Patient Name on the of Authorizing Provider  Michel Maalouf  Performing Organization  OLIS  (ABNORMAL) CBC - Final  Component  Mean Platelet Volume; Blood  Comment: Nature of Ab  Erythrocyte Distribution  Width; RBC  Comment: Nature of Ab  Neutrophils; Blood  Comment: Nature of Ab	Result Type LAB URINE Of Address  result (02/06/ Value 7.9  normal Test: Ar 16.5  normal Test: Ar 4.6	2021 8:05 A Ref Range 4.0 - 14.0 fL n aged-based 12.5 - 17.3 % n aged-based 1.4 - 6.3 x 10*9/L	City/State/ZIP Code  M EDT)  Test Method  d population  d population	Analysis	Performed At OLIS	
Narrative  OLIS - 02/06/2021 & Patient Name on the of Authorizing Provider  Michel Maalouf  Performing Organization  OLIS  (ABNORMAL) CBC - Final  Component  Mean Platelet Volume; Blood  Comment: Nature of Ab  Erythrocyte Distribution  Width; RBC  Comment: Nature of Ab  Neutrophils; Blood	Result Type LAB URINE Of Address  result (02/06/ Value 7.9  normal Test: Ar 16.5  normal Test: Ar 4.6	2021 8:05 A Ref Range 4.0 - 14.0 fL 1 aged-based 12.5 - 17.3 % 1 aged-based 1.4 - 6.3 x 10*9/L 1 aged-based	City/State/ZIP Code  M EDT)  Test Method  d population  d population	Analysis	Performed At OLIS OLIS	
Narrative  OLIS - 02/06/2021 & Patient Name on the of Authorizing Provider  Michel Maalouf  Performing Organization  OLIS  (ABNORMAL) CBC - Final  Component  Mean Platelet Volume; Blood  Comment: Nature of Ab  Erythrocyte Distribution  Width; RBC  Comment: Nature of Ab  Neutrophils; Blood  Comment: Nature of Ab	Result Type LAB URINE Of Address  result (02/06/ Value 7.9  normal Test: Ar 16.5  normal Test: Ar 4.6  normal Test: Ar	2021 8:05 A Ref Range 4.0 - 14.0 fL aged-based 12.5 - 17.3 % aged-based 1.4 - 6.3 x 10*9/L aged-based 1.0 - 2.9 x 10*9/L	City/State/ZIP Code  M EDT)  Test Method  d population  d population	Analysis	Performed At OLIS OLIS	

Eosinophils; Blood 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	x 10°9/L Comment: Nature of Abnormal Test: An aged-based population  Basophils; Blood 0.00 0.00 - 0.09 x 10°9/L Comment: Nature of Abnormal Test: An aged-based population  Platelets; Blood 219 155 - 372 OLIS x 10°9/L Comment: Nature of Abnormal Test: An aged-based population  Erythrocytes; Blood 2.6 (L) 4.2 - 5.8 x 10°12/L Comment: Nature of Abnormal Test: An aged-based population  Erythrocytes; Blood 2.6 (L) 4.2 - 5.8 x 10°12/L Comment: Nature of Abnormal Test: As ex-based population  Mean Corpuscular 37 (H) 24 - 33 OLIS Hemoglobin; RBC pg Comment: Nature of Abnormal Test: An aged-based population  Mean Corpuscular 104 (H) 80 - 98 ft. OLIS Volume; RBC Comment: Nature of Abnormal Test: A sex-based population  Leukocytes; Blood 5.9 3.2 - 9.4 OLIS Comment: Nature of Abnormal Test: A sex-based population  Hematocrit; Blood 0.27 (L) 0.39 - OLIS Comment: Nature of Abnormal Test: A sex-based population  Hematocrit; Blood 0.27 (L) 0.39 - OLIS Comment: Nature of Abnormal Test: A sex-based population  Hematocrit; Blood 0.27 (L) 0.39 - OLIS Comment: Nature of Abnormal Test: A sex-based population  Hematocrit; Blood 0.27 (L) 0.39 - OLIS Comment: Nature of Abnormal Test: A sex-based population  Hematocrit; Blood 0.27 (L) 0.39 - OLIS Comment: Nature of Abnormal Test: A sex-based population  Mean Corpuscular 353 (H) 313 - 344 OLIS Hemoglobin 9/L Concentration; RBC Comment: Nature of Abnormal Test: An aged-based population  Hemoglobin; Blood 94 (L) 129 - 165 OLIS g/L Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 OLIS G/D Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 OLIS G/D Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 OLIS G/D Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 OLIS G/D Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 OLIS G/D Comment: Nature of Abnormal Test: A sex-based population  H	Comment: Nature of Ab	normal Test: An	aged-base	d population			
Basophils; Blood 0.00 0.00 - 0.00 - 0.00 Sure 10*9/L Comment: Nature of Abnormal Test: An aged-based population  Platelets; Blood 219 155 - 372	Basophils; Blood 0.00 0.00 0.00 0.00 0.009 x 10°9½.  Comment: Nature of Abnormal Test: An aged-based population  Platelets; Blood 219 155 - 372 OUS x 10°9½.  Comment: Nature of Abnormal Test: An aged-based population  Erythrocytes; Blood 2.6 (L) 4.2 - 5.8 OUS x 10°12½.  Comment: Nature of Abnormal Test: An aged-based population  Erythrocytes; Blood 2.6 (L) 4.2 - 5.8 OUS x 10°12½.  Comment: Nature of Abnormal Test: An aged-based population  Mean Corpuscular 37 (H) 2.4 - 33 OUS Particular Services of P	Eosinophils; Blood	0.0				OLIS	
0.09 x 101-9/L  Comment: Nature of Abnormal Test: An aged-based population  Platelets; Blood 219 155 - 372 OLIS x 101-9/L  Comment: Nature of Abnormal Test: An aged-based population  Erythrocytes; Blood 2.6 (L) 4.2 - 5.8 OLIS x 101-12/L  Comment: Nature of Abnormal Test: A sex-based population  Mean Corpuscular 37 (H) 24 - 33 OLIS Hemoglobin; RBC Pg  Comment: Nature of Abnormal Test: An aged-based population  Mean Corpuscular 104 (H) 80 - 98 fL OLIS Volume; RBC  Comment: Nature of Abnormal Test: A sex-based population  Mean Corpuscular 104 (H) 80 - 98 fL OLIS Volume; RBC  Comment: Nature of Abnormal Test: An aged-based population  Leukocytes; Blood 5.9 3.2 - 9.4 OLIS Volume; RBC  Comment: Nature of Abnormal Test: An aged-based population  Mean Corpuscular Hematorit; Blood 0.27 (L) 0.39 - 0.49 L/L  Comment: Nature of Abnormal Test: As ex-based population  Mean Corpuscular 353 (H) 313 - 344 OLIS ULIS VOLIS	0.09 x 10°9/L Comment: Nature of Abnormal Test: An aged-based population Platelets; Blood 219 155-372 OUS x 10°9/L Comment: Nature of Abnormal Test: An aged-based population Erythrocytes; Blood 26 (L) 42-5.8 OUS x 10°12/L Comment: Nature of Abnormal Test: A sex-based population Mean Corpuscular 37 (H) 24-33 OUS Hemoglobin; RBC D9 Comment: Nature of Abnormal Test: An aged-based population Mean Corpuscular 104 (H) 80-98 ft. OUS Volume; RBC OUS Comment: Nature of Abnormal Test: A sex-based population Uses Comment: Nature of Abnormal Test: A sex-based population Uses Comment: Nature of Abnormal Test: A sex-based population Uses Comment: Nature of Abnormal Test: An aged-based population Uses Comment: Nature of Abnormal Test: An aged-based population Uses Comment: Nature of Abnormal Test: An aged-based population Uses Comment: Nature of Abnormal Test: An aged-based population Uses Comment: Nature of Abnormal Test: An aged-based population Uses Comment: Nature of Abnormal Test: An aged-based population Uses Comment: Nature of Abnormal Test: An aged-based population Uses Comment: Nature of Abnormal Test: An aged-based population Uses Comment: Nature of Abnormal Test: An aged-based population Uses Comment: Nature of Abnormal Test: An aged-based population Uses Comment: Nature of Abnormal Test: An aged-based population Uses Comment: Nature of Abnormal Test: An aged-based population Uses Comment: Nature of Abnormal Test: An aged-based population Uses Comment: Nature of Abnormal Test: A sex-based population Uses Comment: Nature of Abnormal Test: A sex-based population Uses Comment: Nature of Abnormal Test: A sex-based population Uses Comment: Nature of Abnormal Test: A sex-based population Uses Comment: Nature of Abnormal Test: A sex-based population Uses Comment: Nature of Abnormal Test: A sex-based Depute Test Nature Outs Outs Outs Outs Outs Outs Outs Outs	Comment: Nature of Ab	normal Test: An		d population			
Platelets; Blood 219 155 - 372	Platelets; Blood 219 155 - 372	Basophils; Blood	0.00	0.09 x			OLIS	
x 10°9/L Comment: Nature of Abnormal Test: An aged-based population  Erythrocytes; Blood 2.6 (L) 4.2 - 5.8 x 10°12/L  Comment: Nature of Abnormal Test: As sex-based population  Mean Corpuscular 37 (H) 24 - 33 OUIS Hemoglobin; RBC pg Comment: Nature of Abnormal Test: An aged-based population  Mean Corpuscular 104 (H) 80 - 98 ft. OUIS Volume; RBC Comment: Nature of Abnormal Test: A sex-based population  Mean Corpuscular 104 (H) 80 - 98 ft. OUIS Volume; RBC Comment: Nature of Abnormal Test: A sex-based population  Leukocytes; Blood 5,9 3,2 - 9.4 OUIS x 10°9/L Comment: Nature of Abnormal Test: An aged-based population  Hematocrit; Blood 0.27 (L) 0.39 - OUIS Comment: Nature of Abnormal Test: As sex-based population  Mean Corpuscular 353 (H) 313 - 344 OUIS Hemoglobin g/L Concentration; RBC Comment: Nature of Abnormal Test: An aged-based population  Hemoglobin; Blood 94 (L) 129 - 165 OUIS g/L Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 OUIS g/L Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 OUIS g/L Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 OUIS g/L Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 OUIS g/L Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 OUIS g/L Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 OUIS g/L Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 OUIS g/L Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 OUIS g/L Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 OUIS g/L Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 OUIS g/L Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin	Comment: Nature of Abnormal Test: An aged-based population				· ·			
Erythrocytes; Blood 2.6 (L) 4.2 - 5.8 x 10*12/L  Comment: Nature of Abnormal Test: A sex-based population  Mean Corpuscular 37 (H) 24 - 33 OLIS  Hemoglobin; R8C pg  Comment: Nature of Abnormal Test: An aged-based population  Mean Corpuscular 104 (H) 80 - 98 fL  Volume; R8C  Comment: Nature of Abnormal Test: A sex-based population  Leukocytes; Blood 5.9 3.2 - 9.4 OLIS  x 10*9/L  Comment: Nature of Abnormal Test: An aged-based population  Hematocrit; Blood 0.27 (L) 0.39 - O.49 L/L  Comment: Nature of Abnormal Test: As sex-based population  Mean Corpuscular 104 (H) 313 - 344 OLIS  Mean Corpuscular 353 (H) 313 - 344 OLIS  Concentration; R8C  Comment: Nature of Abnormal Test: An aged-based population  Hemoglobin glood 94 (L) 129 - 165 OLIS  G/L  Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 OLIS  G/L  Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 OLIS  G/L  Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 OLIS  G/L  Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 95 (L) 129 - 165 OLIS  G/L  Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 96 (L) 129 - 165 OLIS  G/L  Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 97 (L) 129 - 165 OLIS  G/L  Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 98 (L) 129 - 165 OLIS  G/L  Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 99 (L) 129 - 165 OLIS  G/L  Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 99 (L) 129 - 165 OLIS  G/L  Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 99 (L) 129 - 165 OLIS  G/L  Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 99 (L) 129 - 165 OLIS  G/L  Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 99 (L) 129 - 165 OLIS  G/L  Comment: Nature of Abnormal Rest: A sex-based p	Erythrocytes; Blood 2.6 (L) 4.2 - 5.8 x 10°12/L  Comment: Nature of Abnormal Test: A sex-based population  Mean Corpuscular 37 (H) 24 - 33 OLIS  Hemoglobin; RBC P9  Comment: Nature of Abnormal Test: An aged-based population  Mean Corpuscular 104 (H) 80 - 98 fL OLIS  Volume; RBC  Comment: Nature of Abnormal Test: An aged-based population  Leukocytes; Blood 5.9 3.2 - 9.4 OLIS  x 10°9/L  Comment: Nature of Abnormal Test: An aged-based population  Hematocrit; Blood 0.27 (L) 0.39 - OLIS  Comment: Nature of Abnormal Test: As ex-based population  Hematocrit; Blood 0.27 (L) 0.39 - OLIS  Comment: Nature of Abnormal Test: A sex-based population  Mean Corpuscular 333 (H) 313 - 344 OLIS  Memoglobin Glood 94 (L) 129 - 165 OLIS  Concentration; RBC  Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin Blood 94 (L) 129 - 165 OLIS  Government: Nature of Abnormal Test: A sex-based population  Anatomical Location / Collection Method / Specimen (Source) Laterality Volume Collection Time Received Time OLY/06/2021 8:05 AM EDT 02/06/2021 8:05 AM ED			x 10*9/L			OLIS	
x 10*12/L Comment: Nature of Abnormal Test: A sex-based population  Mean Corpuscular	X 10*12/L Comment: Nature of Abnormal Test: A sex-based population  Mean Corpuscular 37 (H) 24 - 33			-	d population			
Mean Corpuscular Hemoglobin; RBC pd polyment. Nature of Abnormal Test: A sex-based population  Mean Corpuscular 104 (H) 80 - 98 fL OLIS  Volume; RBC  Comment: Nature of Abnormal Test: A sex-based population  Leukocytes; Blood 5.9 3.2 - 9.4 OLIS  x 10+9/L  Comment: Nature of Abnormal Test: An aged-based population  Hematocrit; Blood 0.27 (L) 0.39 - OLIS  0.49 L/L  Comment: Nature of Abnormal Test: A sex-based population  Mean Corpuscular 353 (H) 313 - 344 OLIS  Hemoglobin g/L  Concentration; RBC  Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 OLIS  g/L  Comment: Nature of Abnormal Test: An aged-based population  Hemoglobin; Blood 94 (L) 129 - 165 OLIS  g/L  Comment: Nature of Abnormal Test: A sex-based population  Mean Corpuscular Anatomical Location / Collection Method / Volume Received Time  Whole blood Collection Time Received Time  Naturative  OLIS - 02/06/2021 8:05 PM EDT Patient Name on the order was WILSON RANDY JAMES  Authorizing Provider Result Type  Michel Maalouf LAB BLOOD ORDERABLES	Mean Corpuscular 37 (H) 24 - 33  OUIS Hemoglobin; RBC pg Comment: Nature of Abnormal Test: An aged-based population Mean Corpuscular 104 (H) 80 - 98 ft. OLIS Volume; RBC Comment: Nature of Abnormal Test: A sex-based population Leukocytes; Blood 5.9 3.2 - 9.4 OLIS x 10*9/L Comment: Nature of Abnormal Test: An aged-based population Hematocrit; Blood 0.27 (L) 0.39 - OLIS Comment: Nature of Abnormal Test: An aged-based population Hematocrit; Blood 0.27 (L) 0.39 - OLIS Comment: Nature of Abnormal Test: As ex-based population Mean Corpuscular 353 (H) 313 - 344 OLIS Hemoglobin; Blood 94 (L) 129 - 165 OLIS Comment: Nature of Abnormal Test: An aged-based population Hemoglobin; Blood 94 (L) 129 - 165 OLIS Gomment: Nature of Abnormal Test: As ex-based population  Specimen (Source) Anatomical Location / Collection Method / Volume O2/06/2021 8:05 AM EDT 02/06/2021 8:05 AM EDT  Narrative OLIS - 02/06/2021 8:05 PM EDT Patient Name on the order was WILSON RANDY JAMES  Authorizing Provider Result Type  Michel Maailouf LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  OLIS  (ABNORMAL) TRIGLYCERIDES, RANDOM - Final result (02/06/2021 8:05 AM EDT)  Ref Analysis Performed At Pathologist Signature  Triglyceride 1.85 (H) 4.170 mmol/L  Comment: Nature of Abnormal Test: An aged-based population	, ,		x 10*12/L			OLIS	
Hemoglobin; RBC Comment: Nature of Abnormal Test: An aged-based population  Mean Corpuscular Volume; RBC Comment: Nature of Abnormal Test: A sex-based population  Leukocytes; Blood 5.9 3.2 - 9.4 OLIS  × 10*9/L Comment: Nature of Abnormal Test: An aged-based population  Hematocrit; Blood 0.27 (L) 0.39 - OLIS 0.49 L/L Comment: Nature of Abnormal Test: A sex-based population  Mean Corpuscular Hemoglobin g/L Concentration; RBC Concentration; RBC Comment: Nature of Abnormal Test: An aged-based population  Hemoglobin; Blood 94 (L) 129 - 165 OLIS g/L Comment: Nature of Abnormal Test: A sex-based population  Anatomical Location / Collection Method / Volume  Whole blood  Anatomical Location / Collection Method / Volume  Whole blood  Narrative  OLIS  Anatomical Location / Specimen (Source)  Laterality JAMES  Authorizing Provider Result Type  Michel Maalouf  Michel Maalouf  Michel Maalouf  Michel Maalouf  Mature of Abnormal Test: An aged-based population  Anatomical Location / Specimen (Source)  Laterality JAMES  Authorizing Provider Result Type  Michel Maalouf  Michel Maalouf	Hemoglobin; RBC Comment: Nature of Abnormal Test: An aged-based population  Mean Corpuscular Volume; RBC Comment: Nature of Abnormal Test: A sex-based population  Leukocytes; Blood 5.9 3.2 - 9.4 OLIS x 10°9/L Comment: Nature of Abnormal Test: An aged-based population  Hematocrit; Blood 0.27 (L) 0.39 OLIS Comment: Nature of Abnormal Test: An aged-based population  Hematocrit; Blood 0.27 (L) 0.39 OLIS Comment: Nature of Abnormal Test: As sex-based population  Mean Corpuscular 353 (H) 313 - 344 OLIS Hemoglobin g/L Concentration; RBC Comment: Nature of Abnormal Test: An aged-based population  Hemoglobin; Blood 94 (L) 129 - 165 July Comment: Nature of Abnormal Test: As sex-based population  Hemoglobin; Blood 94 (L) 129 - 165 July Comment: Nature of Abnormal Test: As sex-based population  Specimen (Source) Anatomical Location / Collection Method / Volume Collection Time Received Time  Whole blood 02/06/2021 8:05 PM EDT  Partient Name on the order was willson RANDY JAMES  Authorizing Provider Result Type Michel Maalouf LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  OLIS  (ABNORMAL) TRIGLYCERIDES, RANDOM - Final result (02/06/2021 8:05 AM EDT)  Ref Component Value Range Test Method Time At Pathologist Signature  Triglyceride 1.85 (H) <1.70 mmol/L  Comment: Nature of Abnormal Test: An aged-based population				oopulation		OLIC	
Mean Corpuscular Volume; RBC Comment: Nature of Abnormal Test: A sex-based population Leukocytes; Blood 5.9 3.2 - 9.4	Mean Corpuscular Volume, RBC Comment: Nature of Abnormal Test: A sex-based population Leukocytes; Blood 5.9 3.2 - 9.4 OLIS Leukocytes; Blood 5.9 3.2 - 9.4 OLIS Comment: Nature of Abnormal Test: An aged-based population Hematocrit; Blood 0.27 (L) 0.39 OLIS Comment: Nature of Abnormal Test: An aged-based population Mean Corpuscular 353 (H) 313 - 344 OLIS Hemoglobin 9/L Concentration; RBC Comment: Nature of Abnormal Test: An aged-based population Hemoglobin; Blood 94 (L) 129 - 165 OLIS g/L Comment: Nature of Abnormal Test: As sex-based population Hemoglobin; Blood 94 (L) 129 - 165 OLIS g/L Comment: Nature of Abnormal Test: A sex-based population  Specimen (Source) Laterality Collection Method / Volume Collection Time Received Time Whole blood 02/06/2021 8:05 AM EDT 02/06/2021 8:05 AM EDT Narrative OLIS - 02/06/2021 8:05 PM EDT Patient Name on the order was WILSON RANDY JAMES  Authorizing Provider Result Type Michel Maalouf LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number OLIS  (ABNORMAL) TRIGLYCERIDES, RANDOM - Final result (02/06/2021 8:05 AM EDT) Ref Ref Analysis Performed Analysis Performed Triglyceride 1.85 (H) -1.70 mmol/L Comment: Nature of Abnormal Test: An aged-based population	Hemoglobin; RBC		pg	d manufation		OLIS	
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Leukocytes; Blood 5.9 3.2 - 9.4 x 10*9/L  Comment: Nature of Abnormal Test: An aged-based population  Hematocrit; Blood 0.27 (L) 0.39 - O.49 L/L  Comment: Nature of Abnormal Test: A sex-based population  Mean Corpuscular 353 (H) 313 - 344 OLIS  Hemoglobin 9/L  Concentration; RBC  Concentration; Blood 94 (L) 129 - 165 OLIS  g/L  Comment: Nature of Abnormal Test: An aged-based population  Hemoglobin; Blood 94 (L) 129 - 165 OLIS  g/L  Comment: Nature of Abnormal Test: A sex-based population  Anatomical Location / Collection Method / Volume Collection Time Received Time  Whole blood 02/06/2021 8:05 AM EDT  Narrative  OLIS - 02/06/2021 8:05 PM EDT  Patient Name on the order was WILSON RANDY JAMES  Authorizing Provider Result Type  Michel Maalouf LAB BLOOD ORDERABLES	Leukocytes; Blood 5.9 3.2 - 9.4 x 10°9/L  Comment: Nature of Abnormal Test: An aged-based population  Hematocrit; Blood 0.27 (L) 0.39 - 0.49 L/L  Comment: Nature of Abnormal Test: As sex-based population  Mean Corpuscular 353 (H) 313 - 344 OLIS  Memoglobin glood 9.4 (L) 129 - 165 OLIS  Gomment: Nature of Abnormal Test: An aged-based population  Hemoglobin; Blood 94 (L) 129 - 165 OLIS  g/L  Comment: Nature of Abnormal Test: A sex-based population  Anatomical Location / Collection Method / Volume Collection Time Received Time  Whole blood 02/06/2021 8:05 AM EDT 02/06/2021 8:05 AM EDT 02/06/2021 8:05 AM EDT  Narrative  OLIS  Authorizing Provider Result Type  Michel Maalouf LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  OLIS  (ABNORMAL) TRIGLYCERIDES, RANDOM - Final result (02/06/2021 8:05 AM EDT)  Ref Analysis Performed Time At Pathologist Signature  Triglyceride 1.85 (H) < 1.70 OLIS  mmol/L  Comment: Nature of Abnormal Test: An aged-based population	Volume; RBC					OLIS	
X 10*9/L Comment: Nature of Abnormal Test: An aged-based population  Hematocrit; Blood 0.27 (L) 0.39 - 0.49 L/L Comment: Nature of Abnormal Test: As ex-based population  Mean Corpuscular 353 (H) 313 - 344 OLIS Hemoglobin g/L Concentration; RBC Comment: Nature of Abnormal Test: An aged-based population  Hemoglobin; Blood 94 (L) 129 - 165 OLIS g/L Comment: Nature of Abnormal Test: A sex-based population  Anatomical Location / Collection Method / Specimen (Source) Laterality Volume Collection Time Received Time  Whole blood 02/06/2021 8:05 PM EDT Patient Name on the order was wILSON RANDY JAMES  Authorizing Provider Result Type  Michel Maalouf LAB BLOOD ORDERABLES	Comment: Nature of Abnormal Test: An aged-based population  Hematocrit; Blood 0.27 (L) 0.39 - 0.49 L/L  Comment: Nature of Abnormal Test: A sex-based population  Mean Corpuscular 353 (H) 313 - 344 OLIS  Mean Corpuscular Best: An aged-based population  Mean Corpuscular Best: An aged-based population  Hemoglobin; RBC  Comment: Nature of Abnormal Test: An aged-based population  Hemoglobin; Blood 94 (L) 129 - 165 OLIS  g/L  Comment: Nature of Abnormal Test: An aged-based population  Anatomical Location / Sp/L  Collection Method / Volume Collection Time Received Time  Whole blood 20/06/2021 8:05 AM EDT  Narrative  OLIS - 02/06/2021 8:05 PM EDT  Patient Name on the order was will Son RANDY JAMES  Authorizing Provider Result Type  Michel Maalouf LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  OLIS  (ABNORMAL) TRIGLYCERIDES, RANDOM - Final result (02/06/2021 8:05 AM EDT)  Ref Range Test Method Time At Pathologist Signature  Triglyceride 1.85 (H) < 1.70 OLIS  Triglyceride 1.85 (H) < 1.70 OLIS  Comment: Nature of Abnormal Test: An aged-based population				1		OLIS	
Hematocrit; Blood  0.27 (L)  0.39 - 0.49 L/L  Comment: Nature of Abnormal Test: A sex-based population  Mean Corpuscular Hemoglobin  Concentration; RBC  Comment: Nature of Abnormal Test: An aged-based population  Hemoglobin; Blood  94 (L)  129 - 165 g/L  Comment: Nature of Abnormal Test: A sex-based population  Hemoglobin; Blood  94 (L)  129 - 165 g/L  Comment: Nature of Abnormal Test: A sex-based population  Anatomical Location / Collection Method / Volume  Volume  Collection Time Received Time  Narrative  OLIS - 02/06/2021 8:05 PM EDT Patient Name on the order was WILSON RANDY JAMES  Authorizing Provider  Result Type  Michel Maalouf  LAB BLOOD ORDERABLES	Hematocrit; Blood 0.27 (L) 0.39 - 0.49 L/L  Comment: Nature of Abnormal Test: A sex-based population  Mean Corpuscular 353 (H) 313 - 344 OLIS  Hemoglobin 9/L  Concentration; RBC  Comment: Nature of Abnormal Test: An aged-based population  Hemoglobin; Blood 94 (L) 129 - 165 OLIS  g/L  Comment: Nature of Abnormal Test: A sex-based population  Anatomical Location / Collection Method / Specimen (Source) Laterality Volume Collection Time Received Time  Whole blood Collection Time Received Time  Whole blood Olis O2/06/2021 8:05 AM EDT O2/06/2021 8:05 AM EDT  Narrative  OLTS = 02/06/2021 8:05 PM EDT Patient Name on the order was WILSON RANDY JAMES  Authorizing Provider Result Type  Michel Maalouf LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  OLIS  (ABNORMAL) TRIGLYCERIDES, RANDOM - Final result (02/06/2021 8:05 AM EDT)  Ref Analysis Performed  Component Value Range Test Method Time At Pathologist Signature  Triglyceride 1.85 (H) < 1.70 OLIS  Comment: Nature of Abnormal Test: An aged-based population	·		x 10*9/L				
Comment: Nature of Abnormal Test: A sex-based population  Mean Corpuscular	O.49 L/L  Comment: Nature of Abnormal Test: A sex-based population  Mean Corpuscular 353 (H) 313 - 344 OLIS  Hemoglobin g/L  Concentration; RBC  Comment: Nature of Abnormal Test: An aged-based population  Hemoglobin; Blood 94 (L) 129 - 165 OLIS  g/L  Comment: Nature of Abnormal Test: A sex-based population  Anatomical Location / Collection Method / Volume Collection Imme Received Time  Whole blood O2/06/2021 8:05 AM EDT 02/06/2021 8:05 AM EDT 02/06/2021 8:05 AM EDT  Narrative  OLIS - 02/06/2021 8:05 PM EDT  Patient Name on the order was WILSON RANDY JAMES  Authorizing Provider Result Type  Michel Maalouf LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  OLIS  (ABNORMAL) TRIGLYCERIDES, RANDOM - Final result (02/06/2021 8:05 AM EDT)  Ref Component Value Range Test Method Time At Pathologist Signature  Triglyceride 1.85 (H) <1.70 OLIS  Comment: Nature of Abnormal Test: An aged-based population			_	d population			
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Hemoglobin g/L Concentration; RBC Comment: Nature of Abnormal Test: An aged-based population  Hemoglobin; Blood 94 (L) 129 - 165 OLIS g/L  Comment: Nature of Abnormal Test: A sex-based population  Anatomical Location / Collection Method / Specimen (Source) Laterality Volume Collection Time Received Time  Whole blood 02/06/2021 8:05 AM EDT  Narrative  OLIS - 02/06/2021 8:05 PM EDT Patient Name on the order was WILSON RANDY JAMES  Authorizing Provider Result Type  Michel Maalouf LAB BLOOD ORDERABLES	Hemoglobin GONCENTRIC COMMENT: Nature of Abnormal Test: An aged-based population  Hemoglobin; Blood 94 (L) 129 - 165 g/L  Comment: Nature of Abnormal Test: A sex-based population  Anatomical Location / Collection Method / Volume Collection Time Received Time  Whole blood 02/06/2021 8:05 AM EDT 02/06/2021 8:05 AM EDT 02/06/2021 8:05 AM EDT  Narrative  OLIS - 02/06/2021 8:05 PM EDT Patient Name on the order was WILSON RANDY JAMES  Authorizing Provider Result Type  Michel Maalouf LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  OLIS  (ABNORMAL) TRIGLYCERIDES, RANDOM - Final result (02/06/2021 8:05 AM EDT)  Ref Range Test Method Time At Pathologist Signature  Triglyceride 1.85 (H) <1.70 OLIS  Comment: Nature of Abnormal Test: An aged-based population				•		0110	
G/L Comment: Nature of Abnormal Test: A sex-based population  Anatomical Location / Collection Method / Volume Collection Time Received Time  Whole blood 02/06/2021 8:05 AM EDT 02/06/2021 8:05 AM EDT  Narrative  OLTS - 02/06/2021 8:05 PM EDT Patient Name on the order was WILSON RANDY JAMES  Authorizing Provider Result Type  Michel Maalouf LAB BLOOD ORDERABLES	Comment: Nature of Abnormal Test: A sex-based population  Anatomical Location / Collection Method / Volume Collection Time Received Time  Whole blood 02/06/2021 8:05 AM EDT 02/06/2021 8:05 AM EDT  Narrative  OLIS - 02/06/2021 8:05 PM EDT Patient Name on the order was WILSON RANDY JAMES  Authorizing Provider Result Type  Michel Maalouf LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  OLIS  (ABNORMAL) TRIGLYCERIDES, RANDOM - Final result (02/06/2021 8:05 AM EDT)  Component Value Range Test Method Time At Pathologist Signature  Triglyceride 1.85 (H) <1.70 OLIS  Comment: Nature of Abnormal Test: An aged-based population	Hemoglobin	353 (H)		1		OLIS	
Comment: Nature of Abnormal Test: A sex-based population  Anatomical Location / Collection Method / Volume Collection Time Received Time  Whole blood 02/06/2021 8:05 AM EDT 02/06/2021 8:05 AM EDT  Narrative  OLTS - 02/06/2021 8:05 PM EDT Patient Name on the order was WILSON RANDY JAMES  Authorizing Provider Result Type  Michel Maalouf LAB BLOOD ORDERABLES	Comment: Nature of Abnormal Test: A sex-based population  Anatomical Location / Collection Method / Volume Collection Time Received Time  Whole blood 02/06/2021 8:05 AM EDT 02/06/2021 8:05 AM EDT  Narrative  OLIS - 02/06/2021 8:05 PM EDT Patient Name on the order was WILSON RANDY JAMES  Authorizing Provider Result Type  Michel Maalouf LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  OLIS  (ABNORMAL) TRIGLYCERIDES, RANDOM - Final result (02/06/2021 8:05 AM EDT)  Ref Analysis Performed Analysis Performed At Pathologist Signature  Triglyceride 1.85 (H) <1.70 OLIS  Comment: Nature of Abnormal Test: An aged-based population	· ·	normal Test: An	aged-base	d population			
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Whole blood  O2/06/2021 8:05 AM EDT  O2/06/2021 8:05 AM EDT  OLIS - O2/06/2021 8:05 PM EDT  Patient Name on the order was WILSON RANDY JAMES  Authorizing Provider Result Type  Michel Maalouf LAB BLOOD ORDERABLES	Whole blood  O2/06/2021 8:05 AM EDT  OLTS - 02/06/2021 8:05 PM EDT Patient Name on the order was WILSON RANDY JAMES  Authorizing Provider Result Type  Michel Maalouf LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  OLIS  (ABNORMAL) TRIGLYCERIDES, RANDOM - Final result (02/06/2021 8:05 AM EDT)  Ref Analysis Performed Component Value Range Test Method Time At Pathologist Signature  Triglyceride 1.85 (H) <1.70 mmol/L  Comment: Nature of Abnormal Test: An aged-based population	Comment: Nature of Ab Hemoglobin; Blood	94 (L)	129 - 165 g/L	5		OLIS	
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Michel Maalouf LAB BLOOD ORDERABLES	Michel Maalouf  LAB BLOOD ORDERABLES  Performing Organization Address City/State/ZIP Code Phone Number  OLIS  (ABNORMAL) TRIGLYCERIDES, RANDOM - Final result (02/06/2021 8:05 AM EDT)  Ref Analysis Performed Component Value Range Test Method Time At Pathologist Signature  Triglyceride 1.85 (H) < 1.70 mmol/L  Comment: Nature of Abnormal Test: An aged-based population	Comment: Nature of Ab Hemoglobin; Blood Comment: Nature of Ab Specimen (Source) Whole blood	94 (L) normal Test: A s Anatomical Loc	129 - 165 g/L ex-based p	oopulation  Collection Method /		ime	
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renoming Organization Address City/State/Zip Code Phone Number	OLIS  (ABNORMAL) TRIGLYCERIDES, RANDOM - Final result (02/06/2021 8:05 AM EDT)  Ref Component Value Range Test Method Time At Pathologist Signature  Triglyceride 1.85 (H) < 1.70 mmol/L  Comment: Nature of Abnormal Test: An aged-based population	Comment: Nature of Ab Hemoglobin; Blood  Comment: Nature of Ab  Specimen (Source) Whole blood  Narrative OLIS - 02/06/2021 & Patient Name on the o	94 (L) normal Test: A s Anatomical Loc Laterality  3:05 PM EDT rder was WILSO Result Type	129 - 165 g/L ex-based p cation /	copulation  Collection Method / Volume  JAMES		ime	
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	Anatomical Location / Collection Method /	Comment: Nature of Ab Hemoglobin; Blood Comment: Nature of Ab Specimen (Source) Whole blood Narrative OLIS - 02/06/2021 8 Patient Name on the of Authorizing Provider Michel Maalouf Performing Organization OLIS  (ABNORMAL) TRIGLYCER Component	94 (L) normal Test: A s Anatomical Loc Laterality  3:05 PM EDT rder was WILSO Result Type LAB BLOOD OF Address	129 - 165 g/L ex-based p cation /  ON RANDY  RDERABLES  I - Final res Ref Range <1.70	Copulation  Collection Method / Volume  JAMES  City/State/ZIP Code	Phone Num  W EDT)  Analysis	ber  Performed	02/06/2021 8:05 AM EDT
Comment: Nature of Abnormal Test: An aged-based population	Anatomical Location / Collection Method /	Comment: Nature of Ab Hemoglobin; Blood Comment: Nature of Ab  Specimen (Source) Whole blood  Narrative OLIS - 02/06/2021 & Patient Name on the o  Authorizing Provider Michel Maalouf Performing Organization OLIS  (ABNORMAL) TRIGLYCER Component Triglyceride	94 (L) normal Test: A s Anatomical Loc Laterality  B:05 PM EDT rder was WILSO Result Type LAB BLOOD OF Address  Value 1.85 (H)	129 - 165 g/L ex-based p cation /  ON RANDY  RDERABLES  I - Final res Ref Range <1.70 mmol/L	Copulation  Collection Method / Volume  JAMES  City/State/ZIP Code  Sult (02/06/2021 8:05 AM  Test Method	Phone Num  W EDT)  Analysis	ber  Performed	02/06/2021 8:05 AM EDT
		Comment: Nature of Ab Hemoglobin; Blood Comment: Nature of Ab  Specimen (Source) Whole blood  Narrative OLIS - 02/06/2021 & Patient Name on the o  Authorizing Provider Michel Maalouf Performing Organization OLIS  (ABNORMAL) TRIGLYCER Component Triglyceride	94 (L) normal Test: A s Anatomical Loc Laterality  3:05 PM EDT rder was WILSO Result Type LAB BLOOD OF Address  Address  Value 1.85 (H) normal Test: An	129 - 165 g/L ex-based p cation /  ON RANDY  RDERABLES  I - Final res Ref Range <1.70 mmol/L aged-base	Copulation  Collection Method / Volume  JAMES  City/State/ZIP Code  Sult (02/06/2021 8:05 AN  Test Method	Phone Num  W EDT)  Analysis	ber  Performed	02/06/2021 8:05 AM EDT
Anatomical Location / Collection Method /	1 Constant Time Constant Time	Comment: Nature of Ab Hemoglobin; Blood Comment: Nature of Ab Specimen (Source) Whole blood Narrative OLIS - 02/06/2021 8 Patient Name on the o Authorizing Provider Michel Maalouf Performing Organization OLIS  (ABNORMAL) TRIGLYCER Component Triglyceride Comment: Nature of Ab	94 (L) normal Test: A s Anatomical Loc Laterality  3:05 PM EDT rder was WILSO Result Type LAB BLOOD OF Address  CIDES, RANDOM Value 1.85 (H) normal Test: An Anatomical Loc	129 - 165 g/L ex-based p cation /  ON RANDY  RDERABLES  I - Final res Ref Range <1.70 mmol/L aged-base	Copulation  Collection Method / Volume  City/State/ZIP Code  Sult (02/06/2021 8:05 AN  Test Method  d population  Collection Method /	Phone Num  W EDT)  Analysis Time	ber  Performed At OLIS	02/06/2021 8:05 AM EDT  Pathologist Signature
Anatomical Location / Collection Method /		Comment: Nature of Ab Hemoglobin; Blood Comment: Nature of Ab  Specimen (Source) Whole blood Narrative OLIS - 02/06/2021 & Patient Name on the o Authorizing Provider Michel Maalouf Performing Organization OLIS  (ABNORMAL) TRIGLYCER Component Triglyceride Comment: Nature of Ab  Specimen (Source)	94 (L) normal Test: A s Anatomical Loc Laterality  3:05 PM EDT rder was WILSO Result Type LAB BLOOD OF Address  CIDES, RANDOM Value 1.85 (H) normal Test: An Anatomical Loc	129 - 165 g/L ex-based p cation /  ON RANDY  RDERABLES  I - Final res Ref Range <1.70 mmol/L aged-base	Copulation  Collection Method / Volume  City/State/ZIP Code  Sult (02/06/2021 8:05 AN  Test Method  d population  Collection Method /	Phone Num  W EDT)  Analysis Time  Collection T	ber  Performed At OLIS	02/06/2021 8:05 AM EDT  Pathologist Signature  Received Time

Narrative						
OLIS - 02/06/2021			_			
Patient Name on the o	order was WILS	ON RANDY	JAMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB BLOOD O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
OLIS						
ALT 5: 1 1, (02, (04	. (2024 0 05 4 1	4 EDT)				
ALT - Final result (02/06	5/2021 8:05 AN	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
Alanine aminotransferase		<46 U/L	rest method		OLIS	T difference of the control of the c
Comment: Nature of Ab		•	opulation		5 = 15	
		·	•			
	Anatomical Lo	cation /	Collection Method /	6 II .: T		5
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Serum				02/06/2021	8:05 AM ED1	02/06/2021 8:05 AM EDT
Narrative						
OLIS - 02/06/2021						
Patient Name on the o	order was WILS	ON RANDY	JAMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB BLOOD O	RDFRARI FS				
Wiletter Widdlodi		ND ENVIDEES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
OLIS						
TCLL Final result (02/0	C /2021 0.0F AI	M EDT)				
TSH - Final result (02/0	6/2021 8:05 A	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Thyrotropin	2.28	0.35 -			OLIS	<u> </u>
·		5.00				
		mIU/L				
Comment: Nature of Ab	normal Test: A s	sex-based p	opulation			
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality	cationy	Volume	Collection T	īme	Received Time
Serum				02/06/2021	8:05 AM EDT	02/06/2021 8:05 AM EDT
Narrative 03 (06 (2021)	0.06 DM EDT					
OLIS - 02/06/2021 Patient Name on the o	order was WILS	ON RANDY	JAMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB BLOOD O	RDERABLES				
De de mise Ouerei etien	A -1 -1		C'. (C) - 1 - (7)D C1 -	Discount No.	. 1	
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
OLIS						
SODIUM - Final result (	02/06/2021 8:0	05 AM ED	T)			
	. ,	Ref	•	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Sodium	143	136 - 146	5		OLIS	
Company to NL 1	mannaclT- + *	mmol/L	al manufact			
Comment: Nature of Ab	normai Test: An	aged-base	eu population			

	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Serum				02/06/2021	8:05 AM ED1	02/06/2021 8:05 AM EDT
Narrative						
OLIS - 02/06/2021 8	3:05 PM EDT	AL BANBY	1445			
Patient Name on the o	rder was wilso	N RANDY .	JAMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB BLOOD OR	DERABLES				
Darfarming Organization	۸		City/State/7ID Code	Dhana Nive		
Performing Organization OLIS	Address		City/State/ZIP Code	Phone Num	ber	
GLIS						
POTASSIUM - Final resu	ılt (02/06/2021		EDT)		5 (	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Potassium	4.5	3.7 - 5.4	rest wethou	TITIC	OLIS	Tatriologist Signature
		mmol/L				
Comment: Nature of Ab	normal Test: An a	aged-base	d population			
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality	ation /	Volume	Collection Ti	me	Received Time
Serum				02/06/2021	8:05 AM EDT	02/06/2021 8:05 AM EDT
N C						
Narrative OLIS - 02/06/2021 8	3:05 PM EDT					
Patient Name on the o		N RANDY	JAMES			
Authorizing Provider	Pocult Typo					
Michel Maalouf	Result Type  LAB BLOOD OR	DERABLES				
Timerrer madical	L (3 52005 0.1	2210 (3223				
Performing Organization	Address		City/State/ZIP Code	Phone Num	oer	
OLIS						
HDL CHOLESTEROL, FA	STING - Final r	esult (02/	06/2021 8:05 AM EDT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Cholesterol In HDL	1.05	>=1.00 mmol/L			OLIS	
Comment: Nature of Ab	normal Test: A se		opulation			
	Anatomicalloc	ation /	Collection Method /			
Cracinan (Causa)	Anatomical Loc	,	\/al	Callaction Ti		Descived Times
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time 02/06/2021 8:05 AM EDT
Specimen (Source) Serum			Volume			Received Time 02/06/2021 8:05 AM EDT
Serum Narrative	Laterality		Volume			
Serum  Narrative  OLIS - 02/06/2021 8	Laterality  3:05 PM EDT					
Serum Narrative	Laterality  3:05 PM EDT					
Serum  Narrative  OLIS - 02/06/2021 & Patient Name on the o  Authorizing Provider	Laterality  3:05 PM EDT rder was WILSO  Result Type	N RANDY :				
Narrative OLIS - 02/06/2021 8 Patient Name on the o	Laterality  3:05 PM EDT rder was WILSO	N RANDY :				
Serum  Narrative  OLIS - 02/06/2021 8 Patient Name on the o  Authorizing Provider  Michel Maalouf	B:05 PM EDT rder was WILSO Result Type LAB BLOOD OR	N RANDY :	JAMES	02/06/2021	8:05 AM EDT	
Serum  Narrative  OLIS - 02/06/2021 & Patient Name on the o  Authorizing Provider	B:05 PM EDT rder was WILSO Result Type LAB BLOOD OR	N RANDY :			8:05 AM EDT	
Serum  Narrative  OLIS - 02/06/2021 & Patient Name on the o  Authorizing Provider  Michel Maalouf  Performing Organization	B:05 PM EDT rder was WILSO Result Type LAB BLOOD OR	N RANDY :	JAMES	02/06/2021	8:05 AM EDT	
Serum  Narrative  OLIS - 02/06/2021 & Patient Name on the o  Authorizing Provider  Michel Maalouf  Performing Organization	Address  Laterality  3:05 PM EDT rder was WILSO  Result Type  LAB BLOOD OR	n randy :	JAMES  City/State/ZIP Code	02/06/2021	8:05 AM EDT	

Ref Analysis

Performed

Component	Value	Range	Test Method	Time	At	Pathologist Signature
Hemoglobin A1C/Total	5.2	<6.0 %			OLIS	-
Hemoglobin; Blood						
Comment:						
NON-DIABETIC:	< 6.0 %					
PREDIABETES: DIABETIC:	6.0 - 6.4 % > 6.4 %					
OPTIMAL CONTROL:	< 7.0 %					
SUB-OPTIMAL CONTROL:						
INADEQUATE CONTROL:	> 8.4 %					
Nature of Abnormal Te	st: An aged-ba	ased popu	ation			
	Anatomical Loc	ration /	Collection Method /			
Specimen (Source)	Laterality	Lation /	Volume	Collection Ti	ime	Received Time
Whole blood	Lacerancy		Volunio			02/06/2021 8:05 AM EDT
				0=, 00, =0= :		02, 00, 202 : 0,00 :
Narrative						
OLIS - 02/06/2021 S Patient Name on the o	<b>8:05 PM EDT</b> Order was WTLSO	N RΔND∨ ¨	IAMES			
. actions mains on the o	MILS	10 0101 -	<del></del>			
Authorizing Provider	Result Type					
Michel Maalouf	LAB BLOOD OF	RDERABLES				
					_	
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
OLIS						
AUTOMATED DIFFEREN	JTIΔI - Final re	cult (31/0	5/2021 3:00 PM FDT)			
AOTOMATED DITTEREN	NIIAL IIIIaire	Ref	5/2021 5.00 T W LDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	3.2	2.0 - 7.5			EORLA	
		x10^9/L				
Lymphocyte	0.9	0.8 - 3.5			EORLA	
		x10^9/L				
Monocyte	0.7	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.0	0.0 - 0.5			EORLA	
Losinopini	0.0	x10^9/L			LONLA	
Basophil	0.0	0.0 - 0.1			EORLA	
		x10^9/L				
Immature Granulocyte	0.0	<=0.1			EORLA	
		x10^9/L				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality	.auOH /	Volume	Collection Ti	ime	Received Time
Blood	Zacorancy		. Jidiliio			31/05/2021 3:37 PM EDT
				, oo, Lou		- ,,
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
EORLA	Addless		City/State/ZIF Code	rnone num	NEI	
LONEA						
CREATININE - Final resu	ult (31/05/2021	3:00 PM	EDT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	70	62 - 100			EORLA	

# umol/L

		umoi/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				31/05/2021	3:00 PM EDT	31/05/2021 3:37 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	PDERARI ES				
Vickers	LAD BLOOD OF	VDENADELS				
Porforming Organization	Address		City/State/ZIP Code	Phone Num	hor	
Performing Organization EORLA	Address		City/State/ZiP Code	Phone Nun	ibei	
EURLA						
(ABNORMAL) CBC - Final	result (31/05/2		M EDT)	Α Ι .	D ( 1	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	4.9	3.5 - 10.5	T C S C T T C C C T C C C C T C		EORLA	Tathologist orginatare
		x10^9/L			-	
RBC	2.44 (L)	4.00 -			EORLA	
		5.50				
HGB	85 (L)	x10^12/L 125 - 170			EORLA	
ПСВ	65 (L)	g/L			EURLA	
НСТ	0.258 (L)	0.380 -			EORLA	
		0.500 L/L				
MCV	105.7 (H)	80.0 - 100.0 fL			EORLA	
МСН	34.8 (H)	27.0 -			EORLA	
MCHC	220	34.0 pg			FOD! A	
MCHC	329	315 - 355 g/L			EORLA	
RDW	14.3	11.5 -			EORLA	
		15.5 %			-	
Plat	204	130 - 380			EORLA	
MDV	0.0	x10^9/L 9.0 - 14.0			EORLA	
MPV	9.8	9.0 - 14.0 fL			EUKLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 -			EORLA	
		0.00				
		x10^9/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				31/05/2021	3:00 PM EDT	31/05/2021 3:37 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABI FS				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
(ABNORMAL) ALT - Final	result (31/05/2	021 3:00 P	M EDT)			
Carron and The Third	(5 1) (5 1) (5 1) E	Ref	<b>,</b>	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	10 (L)	12 - 49			EORLA	
		U/L				

	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)				31/05/2021	3:00 PM EDI	31/05/2021 3:37 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ALP - Final result (31/05	5/2021 3:00 PM			A lucio	D - uf - um o d	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	81	50 - 112 U/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	·	Received Time
Specimen (Source) Blood (Blood, Venous)	Laterancy		Volume			31/05/2021 3:37 PM EDT
				J 1/ UJ, EUE .	3.00 i ivi ED .	31/03/2021 3.37 1 22 .
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	≀DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) MAGNESIU	M - Final result		)21 3:00 PM EDT)	Analysis	Porformed	
(ABNORMAL) MAGNESIU  Component	<b>IM - Final result</b> Value	( <b>31/05/20</b> Ref Range	721 3:00 PM EDT) Test Method	Analysis Time	Performed At	Pathologist Signature
		Ref				Pathologist Signature
Component	Value <b>0.53 (L)</b>	Ref Range 0.66 - 1.07 mmol/L	Test Method		At	Pathologist Signature
Component	Value	Ref Range 0.66 - 1.07 mmol/L			At EORLA	Pathologist Signature  Received Time
Component Mg	Value  0.53 (L)  Anatomical Loc	Ref Range 0.66 - 1.07 mmol/L	Test Method  Collection Method /	Time  Collection Ti	At EORLA	
Component  Mg  Specimen (Source)	Value  0.53 (L)  Anatomical Loc	Ref Range 0.66 - 1.07 mmol/L	Test Method  Collection Method /	Time  Collection Ti	At EORLA	Received Time
Component Mg  Specimen (Source) Blood (Blood, Venous)	Value  0.53 (L)  Anatomical Local Laterality	Ref Range 0.66 - 1.07 mmol/L cation /	Test Method  Collection Method / Volume	Time  Collection Ti	At EORLA	Received Time
Component Mg  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald	Value  0.53 (L)  Anatomical Local Laterality  Result Type  LAB BLOOD OR	Ref Range 0.66 - 1.07 mmol/L cation /	Test Method  Collection Method / Volume	Time  Collection Ti	At EORLA  ime 3:00 PM EDT	Received Time
Component Mg  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers	Value  0.53 (L)  Anatomical Local Laterality  Result Type  LAB BLOOD OR	Ref Range 0.66 - 1.07 mmol/L cation /	Test Method  Collection Method / Volume	Collection Ti 31/05/2021	At EORLA  ime 3:00 PM EDT	Received Time
Component Mg  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization	Value  0.53 (L)  Anatomical Local Laterality  Result Type  LAB BLOOD OR	Ref Range 0.66 - 1.07 mmol/L	Test Method  Collection Method / Volume	Collection Ti 31/05/2021	At EORLA  ime 3:00 PM EDT	Received Time
Component Mg  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization	Value  0.53 (L)  Anatomical Loc Laterality  Result Type  LAB BLOOD OR  Address	Ref Range 0.66 - 1.07 mmol/L cation /	Test Method  Collection Method / Volume  City/State/ZIP Code	Collection Ti 31/05/2021	At EORLA  ime 3:00 PM EDT	Received Time
Component Mg  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final	Value  0.53 (L)  Anatomical Loc Laterality  Result Type  LAB BLOOD OR  Address	Ref Range 0.66 - 1.07 mmol/L cation /	Test Method  Collection Method / Volume  City/State/ZIP Code	Collection Ti 31/05/2021  Phone Num  Analysis	At EORLA  ime 3:00 PM EDT  ber	Received Time 31/05/2021 3:37 PM EDT
Component  Mg  Specimen (Source)  Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald  Vickers  Performing Organization  EORLA  BILIRUBIN, TOTAL - Final  Component	Value  0.53 (L)  Anatomical Loc Laterality  Result Type  LAB BLOOD OR  Address	Ref Range 0.66 - 1.07 mmol/L cation / RDERABLES /2021 3:0 Ref Range	Test Method  Collection Method / Volume  City/State/ZIP Code	Collection Ti 31/05/2021  Phone Num	At EORLA  ime 3:00 PM EDT  ber  Performed At	Received Time
Component Mg  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final	Value  0.53 (L)  Anatomical Loc Laterality  Result Type  LAB BLOOD OR  Address  al result (31/05)  Value	Ref Range 0.66 - 1.07 mmol/L cation /	Test Method  Collection Method / Volume  City/State/ZIP Code	Collection Ti 31/05/2021  Phone Num  Analysis	At EORLA  ime 3:00 PM EDT  ber	Received Time 31/05/2021 3:37 PM EDT
Component Mg  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final	Value  0.53 (L)  Anatomical Loc Laterality  Result Type  LAB BLOOD OR  Address  al result (31/05)  Value	Ref Range 0.66 - 1.07 mmol/L cation / RDERABLES /2021 3:0 Ref Range <=15 umol/L	Test Method  Collection Method / Volume  City/State/ZIP Code	Collection Ti 31/05/2021  Phone Num  Analysis Time	At EORLA  ime 3:00 PM EDT  ber  Performed At EORLA	Received Time 31/05/2021 3:37 PM EDT  Pathologist Signature
Component Mg  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total	Value  0.53 (L)  Anatomical Loc Laterality  Result Type  LAB BLOOD OR  Address  al result (31/05)  Value  4	Ref Range 0.66 - 1.07 mmol/L cation / RDERABLES /2021 3:0 Ref Range <=15 umol/L	Test Method  Collection Method / Volume  City/State/ZIP Code  O PM EDT)  Test Method	Collection Ti 31/05/2021  Phone Num  Analysis Time  Collection Ti	At EORLA  ime 3:00 PM EDT  ber  Performed At EORLA	Received Time 31/05/2021 3:37 PM EDT  Pathologist Signature  Received Time
Component Mg  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers  Performing Organization EORLA  BILIRUBIN, TOTAL - Final Component Bilirubin Total	Value  0.53 (L)  Anatomical Loc Laterality  Result Type  LAB BLOOD OR  Address  All result (31/05)  Value  4  Anatomical Loc	Ref Range 0.66 - 1.07 mmol/L cation / RDERABLES /2021 3:0 Ref Range <=15 umol/L	Collection Method / Volume  City/State/ZIP Code  O PM EDT)  Test Method  Collection Method /	Collection Ti 31/05/2021  Phone Num  Analysis Time  Collection Ti	At EORLA  ime 3:00 PM EDT  ber  Performed At EORLA	Received Time 31/05/2021 3:37 PM EDT  Pathologist Signature

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Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ELECTROLYTE PANEL (E	I ECTROLVTES)	- Final red	sult (31/05/2021 3:00 F	DM EDT)		
LLLCTROLITET AIVLL (L	LLCTROLITES)	Ref	Suit (5 1/03/2021 3:00 1	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	136	136 - 144			EORLA	
		mmol/L				
K	4.2	3.5 - 5.1 mmol/L			EORLA	
Cl	99	98 - 107 mmol/L			EORLA	
CO2	26	19 - 30 mmol/L			EORLA	
Anion Gap	11	8 - 16 mmol/L			EORLA	
Sacrimon (Saure)	Anatomical Loc	ation /	Collection Method /	Callastia a T	•	Descripted Times
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	Collection T		Received Time 31/05/2021 3:37 PM EDT
ыооа (ыооа, venous)				31/05/2021	3.00 PIVI EDT	31/U5/2U21 3:37 PIVI EUT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) AUTOMATI	<b>ED DIFFERENTI<i>A</i></b> Value	<b>AL - Final re</b> Ref Range	<b>esult (10/05/2021 9:40 A</b> Test Method	M EDT) Analysis Time	Performed At	Pathologist Signature
Neutrophil	4.9	2.0 - 7.5	rest Method	Tillie	EORLA	Tathologist Signature
		x10^9/L				
Lymphocyte	0.7 (L)	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.6	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.0	0.0 - 0.5 x10^9/L			EORLA	
Basophil	0.0	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.0	<=0.1 x10^9/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood						10/05/2021 9:51 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization						
	Address		City/State/ZIP Code	Phone Num	ber	
EORLA	Address		City/State/ZIP Code	Phone Num	ber	

Michael MacDonald Vickers LAB BLOOD ORDERABLES

CREATININE - Final resu	ult (10/05/2021	9:40 AM	EDT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	82	62 - 100 umol/L			EORLA	
		uiiioi/ L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				10/05/2021	9:40 AM EDT	10/05/2021 9:51 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers	2 (3 )2003 0.1					
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) CBC - Final	result (10/05/2	021 9:40 A	M EDT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	6.2	3.5 - 10.5 x10^9/L			EORLA	
RBC	2.70 (L)	4.00 -			EORLA	
		5.50				
LICD	OF (I)	x10^12/L			FODI A	
HGB	95 (L)	125 - 170 g/L			EORLA	
НСТ	0.281 (L)	0.380 - 0.500 L/L			EORLA	
MCV	104.1 (H)	80.0 -			EORLA	
		100.0 fL				
MCH	35.2 (H)	27.0 - 34.0 pg			EORLA	
MCHC	338	315 - 355			EORLA	
		g/L				
RDW	16.2 (H)	11.5 - 15.5 %			EORLA	
Plat	200	130 - 380			EORLA	
		x10^9/L				
MPV	9.3	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 -			EORLA	
		0.00				
		x10^9/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				10/05/2021	9:40 AM EDT	10/05/2021 9:51 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
EORLA	Addiess		City/State/ZIF Code	i none mull	IDCI	
201121						

(ABNORMAL) ALT - Final	result (10/05/2	2021 9:40 <i>A</i>	AM EDT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	9 (L)	12 - 49 U/L			EORLA	
		0,2				
	Anatomical Lo	ocation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection		Received Time
Blood (Blood, Venous)				10/05/2021	1 9:40 AM EDT	10/05/2021 9:51 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD O	RDERABLES	)			
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Nur	nhor	
EORLA	Address		City/State/Zir Code	PHONE INUI	iibei	
LOKEA						
ALP - Final result (10/05	5/2021 9:40 A	*				
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	80	50 - 112	rest Method	Titile	EORLA	Patriologist Signature
/ LI	00	U/L			LONDA	
Cracinan (Course)	Anatomical Lo	ocation /	Collection Method /	Collection <sup>1</sup>	Time o	Received Time
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume			10/05/2021 9:51 AM EDT
blood (blood, verious)				10/03/202	1 3.40 AW LD I	10/03/2021 3.31 AIVI EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD O	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Nur	nber	
EORLA			,			
(ABNORMAL) MAGNESIU	JM - Final resul	+ (10/05/20	121 9·40 AM FDT)			
(1.2101)		Ref	,	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Mg	0.55 (L)	0.66 - 1.07			EORLA	
		mmol/L				
	Anatomical Lo	ocation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection		Received Time
Blood (Blood, Venous)				10/05/202	1 9:40 AM ED1	10/05/2021 9:51 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD O	RDERABLES	)			
Vickers						
Parforming Organization	Addrass		City/State/ZIP Code	Phone Nur	nhar	
Performing Organization EORLA	Address		City/State/ZiP Code	Priorie Nui	прег	
LONLA						
BILIRUBIN, TOTAL - Fina	al result (10/0!	5/2021 9:4	-0 AM EDT)			
Campagaga	\/a	Ref	Took Martin and	Analysis	Performed	Dath all a sict City of
Component Bilirubin Total	Value 5	Range <=15	Test Method	Time	At EORLA	Pathologist Signature
bilirubin Total	5	<=15 umol/L			EURLA	

	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)				10/05/2021	9:40 AM EDT	10/05/2021 9:51 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	per	
EORLA						
ELECTROLYTE PANEL (E	LECTROLYTES)	- Final res	sult (10/05/2021 9:40 A	M EDT) Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	140	136 - 144 mmol/L			EORLA	<u> </u>
K	4.7	3.5 - 5.1 mmol/L			EORLA	
CI	103	98 - 107 mmol/L			EORLA	
CO2	28	19 - 30 mmol/L			EORLA	
Anion Gap	9	8 - 16 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)				10/05/2021	9:40 AM EDT	10/05/2021 9:51 AM EDT
Authorizina Drovidor	Dogult Turo					
Authorizing Provider Michael MacDonald	Result Type  LAB BLOOD OR	DEBARI ES				
Vickers	LAD BLOOD ON	DEIVABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	per	
EORLA						
AUTOMATED DIFFEREN	ITIAL - Final res	sult (12/04 Ref	4/2021 1:44 PM EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
Neutrophil	2.6	2.0 - 7.5 x10^9/L			EORLA	
Lymphocyte	1.0	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.8	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.0	0.0 - 0.5 x10^9/L			EORLA	
Basophil	0.0	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.0	<=0.1 x10^9/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood				12/04/2021	1:44 PM EDT	12/04/2021 1:56 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				

Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			<i>,</i>			
CREATININE - Final resu	ıl <del>t</del> (12/04/2021	1.44 PM	FDT)			
CKLATITUTE TITIATTESC	art (12/04/2021	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	83	62 - 100 umol/L			EORLA	
		ulliol/L				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				12/04/2021	1.44 PIVI EDT	12/04/2021 1:56 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) CBC - Final	result (12/04/2	021 1:44 P	M EDT)			
	\	Ref	T	Analysis	Performed	D (1 1 ' · · C' · ·
Component WBC	Value 4.1	Range 3.5 - 10.5	Test Method	Time	At EORLA	Pathologist Signature
WDC	4.1	x10^9/L			LORLA	
RBC	2.68 (L)	4.00 -			EORLA	
		5.50 x10^12/L				
HGB	91 (L)	125 - 170			EORLA	
		g/L				
HCT	0.273 (L)	0.380 -			EORLA	
MCV	101.9 (H)	0.500 L/L 80.0 -			EORLA	
IVICV	101.9 (Н)	100.0 fL			EUNLA	
MCH	34.0	27.0 -			EORLA	
		34.0 pg				
MCHC	333	315 - 355 g/L			EORLA	
RDW	15.9 (H)	11.5 -			EORLA	
		15.5 %				
Plat	207	130 - 380			EORLA	
MPV	9.3	x10^9/L 9.0 - 14.0			EORLA	
IVIFV	9.3	fL			LONLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 -			EORLA	
		0.00 x10^9/L				
		3 3, 2				
Specimen (Secret)	Anatomical Loc	cation /	Collection Method /	Callagtian T	ima	Pacained Time
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	Collection T		Received Time 12/04/2021 1:56 PM EDT
biood (biood, verious)				1 <i>L</i> / U <del>7</del> / LUL I	., <del>,,,</del>    V  LD	12/07/2021 1.30 1 WI LDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						

Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						
(ABNORMAL) ALT - Final	result (12/04/		M EDT)			
Campanant	Value	Ref	Toot Mothood	Analysis	Performed	Dath alogist Cignoture
Component ALT	Value <b>10 (L)</b>	Range 12 - 49	Test Method	Time	At EORLA	Pathologist Signature
ALI	IU (L)	U/L			EURLA	
		,				
Specimen (Source)	Anatomical Lo Laterality	ocation /	Collection Method / Volume	Collection 7	Гime	Received Time
Blood (Blood, Venous)	Lateranty		Volume			12/04/2021 1:56 PM EDT
				,,		,,
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD C	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						
ALP - Final result (12/04	1/2021 1:44 P	M EDT)				
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	84	50 - 112			EORLA	
		U/L				
	Anatomical Lo	ocation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Time		Received Time
Blood (Blood, Venous)				12/04/2021	1:44 PM EDT	12/04/2021 1:56 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD C	NRDERARI ES				
	LAD BLOOD C	MULIVADELS				
Vickers						
					Phone Number	
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
	Address		City/State/ZIP Code	Phone Nun	nber	
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
Performing Organization		lt (12/04/20		Phone Nun	nber	
Performing Organization EORLA  (ABNORMAL) MAGNESIU	IM - Final resul	Ref	21 1:44 PM EDT)	Analysis	Performed	
Performing Organization EORLA  (ABNORMAL) MAGNESIU Component	<b>IM - Final resu</b> l Value	Ref Range			Performed At	Pathologist Signature
Performing Organization EORLA  (ABNORMAL) MAGNESIU	IM - Final resul	Ref Range 0.66 -	21 1:44 PM EDT)	Analysis	Performed	Pathologist Signature
Performing Organization EORLA  (ABNORMAL) MAGNESIU Component	<b>IM - Final resu</b> l Value	Ref Range 0.66 - 1.07	21 1:44 PM EDT)	Analysis	Performed At	Pathologist Signature
Performing Organization EORLA  (ABNORMAL) MAGNESIU Component	<b>IM - Final resu</b> l Value	Ref Range 0.66 -	21 1:44 PM EDT)	Analysis	Performed At	Pathologist Signature
Performing Organization EORLA  (ABNORMAL) MAGNESIU  Component Mg	Value  0.54 (L)  Anatomical Lo	Ref Range 0.66 - 1.07 mmol/L	21 1:44 PM EDT)  Test Method  Collection Method /	Analysis Time	Performed At EORLA	
Performing Organization EORLA  (ABNORMAL) MAGNESIU Component Mg  Specimen (Source)	Value 0.54 (L)	Ref Range 0.66 - 1.07 mmol/L	21 1:44 PM EDT) Test Method	Analysis Time Collection	Performed At EORLA	Received Time
Performing Organization EORLA  (ABNORMAL) MAGNESIU  Component Mg	Value  0.54 (L)  Anatomical Lo	Ref Range 0.66 - 1.07 mmol/L	21 1:44 PM EDT)  Test Method  Collection Method /	Analysis Time Collection	Performed At EORLA	
Performing Organization EORLA  (ABNORMAL) MAGNESIU Component Mg  Specimen (Source)	Value  0.54 (L)  Anatomical Lo	Ref Range 0.66 - 1.07 mmol/L	21 1:44 PM EDT)  Test Method  Collection Method /	Analysis Time Collection	Performed At EORLA	Received Time
Performing Organization  EORLA  (ABNORMAL) MAGNESIU  Component  Mg  Specimen (Source)  Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald	Value  0.54 (L)  Anatomical Lo	Ref Range 0.66 - 1.07 mmol/L	21 1:44 PM EDT)  Test Method  Collection Method / Volume	Analysis Time Collection	Performed At EORLA	Received Time
Performing Organization EORLA  (ABNORMAL) MAGNESIU Component Mg  Specimen (Source) Blood (Blood, Venous) Authorizing Provider	Value  0.54 (L)  Anatomical Lotaterality  Result Type	Ref Range 0.66 - 1.07 mmol/L	21 1:44 PM EDT)  Test Method  Collection Method / Volume	Analysis Time Collection	Performed At EORLA	Received Time
Performing Organization EORLA  (ABNORMAL) MAGNESIU  Component Mg  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers	Value  0.54 (L)  Anatomical Lotaterality  Result Type  LAB BLOOD C	Ref Range 0.66 - 1.07 mmol/L	21 1:44 PM EDT)  Test Method  Collection Method / Volume	Analysis Time  Collection 1 12/04/2021	Performed At EORLA Fime 1:44 PM EDT	Received Time
Performing Organization  EORLA  (ABNORMAL) MAGNESIU  Component  Mg  Specimen (Source)  Blood (Blood, Venous)  Authorizing Provider  Michael MacDonald  Vickers  Performing Organization	Value  0.54 (L)  Anatomical Lotaterality  Result Type  LAB BLOOD C	Ref Range 0.66 - 1.07 mmol/L	21 1:44 PM EDT)  Test Method  Collection Method / Volume	Analysis Time Collection	Performed At EORLA Fime 1:44 PM EDT	Received Time
Performing Organization EORLA  (ABNORMAL) MAGNESIU  Component Mg  Specimen (Source) Blood (Blood, Venous)  Authorizing Provider Michael MacDonald Vickers	Value  0.54 (L)  Anatomical Lotaterality  Result Type  LAB BLOOD C	Ref Range 0.66 - 1.07 mmol/L	21 1:44 PM EDT)  Test Method  Collection Method / Volume	Analysis Time  Collection 1 12/04/2021	Performed At EORLA Fime 1:44 PM EDT	Received Time

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L			EORLA	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				12/04/2021	1:44 PM EDT	12/04/2021 1:56 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ELECTROLYTE PANEL (E	ELECTROLYTES)		sult (12/04/2021 1:44 P		D. (	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	137	136 - 144			EORLA	ag.et digitatare
		mmol/L				
K	4.3	3.5 - 5.1 mmol/L			EORLA	
Cl	100	98 - 107 mmol/L			EORLA	
CO2	26	19 - 30 mmol/L			EORLA	
Anion Gap	11	8 - 16 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	,			12/04/2021	1:44 PM EDT	12/04/2021 1:56 PM EDT
Authorizing Provider	Result Type					
Authorizing Provider  Michael MacDonald	LAB BLOOD OF	RDFRARI FS				
Vickers	END BEGOD OF	(DEIV (DEES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) AUTOMAT	ED DIFFERENTIA	AL - Final r	esult (22/03/2021 2:45 Pl	M EDT)		
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	3.9	2.0 - 7.5 x10^9/L			EORLA	
Lymphocyte	0.7 (L)	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.7	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.0	0.0 - 0.5 x10^9/L			EORLA	
Basophil	0.0	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.0	<=0.1 x10^9/L			EORLA	
<u> </u>	Anatomical Loc	cation /	Collection Method /			

Specimen (Source)	Laterality	Laterality Volume Collection Time		Received Time		
Blood	,			22/03/2021 2:45 PM EDT		22/03/2021 3:04 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDFRABLES				
Vickers	LAD BLOOD OF	(DEIV (DEES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
CREATININE - Final resu	ult (22/03/2021		EDT)			
Comment	Mal a	Ref	Test Mathead	Analysis	Performed	Dath day's Circust
Component Creatinine	Value 81	Range 62 - 100	Test Method	Time	At EORLA	Pathologist Signature
Creatifilite	01	umol/L			EURLA	
Charles (Carrey)	Anatomical Loc	cation /	Collection Method /	Calledia	ina a	Descrived Times
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	Collection T 22/03/2021		Received Time 22/03/2021 3:03 PM EDT
biood (biood, veilous)				<i>LL</i> /UJ/LUL1	L,TJ I IVI LUI	22/03/2021 3.03 FIVI LDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			,			
(ABNORMAL) CBC - Final	rocult (22/02/2	∩21 2· <i>I</i> E D	M EDT)			
(ADNORIVIAL) CBC - Fillal	Tesuit (22/03/2	Ref	WI EDI)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	5.3	3.5 - 10.5 x10^9/L			EORLA	
RBC	2.70 (L)	4.00 -			EORLA	
		5.50				
		x10^12/L				
HGB	92 (L)	125 - 170 g/L			EORLA	
НСТ	0.267 (L)	0.380 -			EORLA	
N/C)/	00.0	0.500 L/L			EOD! 4	
MCV	98.9	80.0 - 100.0 fL			EORLA	
MCH	34.1 (H)	27.0 - 34.0 pg			EORLA	
МСНС	345	315 - 355 g/L			EORLA	
RDW	15.2	11.5 -			EORLA	
Dist	215	15.5 %			EOD! A	
Plat	215	130 - 380 x10^9/L			EORLA	
MPV	9.1	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 -			EORLA	
		0.00 x10^9/L				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality	-	Volume	Collection T	ime	Received Time

Blood (Blood, Venous)				22/03/2021	2:45 PM EDT	22/03/2021 3:04 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Porforming Organization	Addross		City/State/7ID Code	Phone Num	hor	
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ibei	
LONLA						
ALT - Final result (22/03	3/2021 2:45 PM	,			D ( )	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	12	12 - 49	rest iviethod	THITC	EORLA	Tatriologist signature
. =	. –	U/L				
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Lateranty		VOIGITIC			22/03/2021 3:03 PM EDT
(5.000)				, 00, 2021	_,	, 00, _01 0.00 1 111 201
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA			,, ,			
ALD 5' L L (22/02	. /2021 2.45 DN	LEDT				
ALP - Final result (22/03	3/2021 2:45 PM	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
ALP	83	50 - 112			EORLA	
		U/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality	ati011 /	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	,			22/03/2021	2:45 PM EDT	22/03/2021 3:03 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
VICKEIS						
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
(ABNORMAL) MAGNESIU	M - Final result	(22/03/20	21 2:45 PM EDT)			
· · · · · · · · · · · · · · · · · · ·		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Mg	0.58 (L)	0.66 - 1.07			EORLA	
		1.07 mmol/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				22/03/2021	2:45 PM EDT	22/03/2021 3:03 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						

Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
BILIRUBIN, TOTAL - Fina	ol rocult (22/03	/2021 2:41	5 DM EDT)			
DILINODIN, TOTAL - FINA	ai resuit (22/03/	Ref	D PIVI EDI)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	3	<=15			EORLA	<u> </u>
		umol/L				
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Lateranty		VOIGITIC			22/03/2021 3:03 PM EDT
Blood (Blood, Verlous)				22,03,2021	2.13 T W LD T	22/03/2021 3:03 1 111 251
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Addross		City/State/ZIP Code	Phone Num	hor	
EORLA	Address		City/State/Zir Code	FIIOHE Num	Dei	
LONLA						
ELECTROLYTE PANEL (E	LECTROLYTES)	- Final re	sult (22/03/2021 2:45 F	PM EDT)		
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	136	136 - 144 mmol/L			EORLA	
K	3.8	3.5 - 5.1			EORLA	
K	5.0	mmol/L			LONLA	
Cl	101	98 - 107			EORLA	
		mmol/L				
CO2	24	19 - 30			EORLA	
		mmol/L				
Anion Gap	11	8 - 16			EORLA	
		mmol/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	-			22/03/2021	2:45 PM EDT	22/03/2021 3:03 PM EDT
Authorizing Provider	Result Type	DED 4 2 / = -				
Michael MacDonald Vickers	LAB BLOOD OR	DEKABLES				
VICKEIS						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			<u> </u>			
CT NECK MAN NO CONTENT	CT F: '	L (4 C (22 :	2024 0 40 44 555			
CT NECK W IV CONTRA		•	•			
Anatomical Region	Laterality	/	Modality	Tomography		
Neck			Computed	Tomography		
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
				18/03/2021	10:27 AM	
				EDT		
Impressions						
Impressions ATL POWERSCRIBE - 1	L8/03/2021 5:	:11 PM F	DT			
						Jamash meda a 197
Minimal contraction o	τ the necrotic	componer	nt of the extensive in	regular rim	ennancing 1	ymph node conglomerate

in the right cervical chain extending to the tongue root, epiglottis and right vallecula.

Karine Massicotte-Tisluck, Neuro Imaging Fellow

For report clarification: rads@toh.ca

Narrative

# ATL POWERSCRIBE - 18/03/2021 5:11 PM EDT

CT SCAN OF THE NECK.

CLINICAL HISTORY: "locally recurrent H/N cancer. Recent scan discordant with physical exam findings. R/A Locally recurrent disease.." .

TECHNIQUE: 2mm axial images of the neck were obtained during IV contrast injection, using bone and soft tissue algorithms. Sagittal and coronal reformats were also obtained.

COMPARISON: CT neck from February 3, 2021

### FINDINGS:

History of squamous cell carcinoma of the tongue root treated by chemotherapy and radiotherapy in 2019. Lymph node recurrence in October 2020 treated by chemotherapy.

There are mild motion artifacts degrading the images.

There is minimal contraction of the necrotic portion of the irregular rim enhancing lymph node conglomerate in the level 2 and 3 of the right cervical chain extending into the lingual surface of the epiglottis, tongue root and the right vallecula. This conglomerate is measuring up to 58 x 20 mm on axial versus 60 x 24 mm. Redemonstration of invasion of the right sternocleidomastoid muscle. Suspicion of persistent of the ulceration at the contact with the right vallecula. There are some bubbly secretions in the right vallecula. The right carotid sheath is surrounded by the necrotic lymph node mass in by the periphery soft tissue infiltration, but remain patent. The right submandibular gland superior portion is indistinguishable from the mass, probably infiltrated.

Thickening of the epiglottis, infiltration of the anterior subcutaneous soft tissue of the neck and thickening of bilateral platysma, most probably related to prior radiotherapy.

The visualized intracranial contents are unremarkable. In particular, no space occupying lesion, mass effect or abnormal enhancement. The orbits and its contents are normal. The mastoids are clear. Polyp/retention cyst in the left maxillary sinus, unchanged.

No expansile or destructive osseous lesions. Degenerative changes of the cervical spine with and mild spinal canal stenosis at C4-C5 to C6-C7.

Procedure Note

# Mario Kontolemos - 18/03/2021

Formatting of this note might be different from the original.

CT SCAN OF THE NECK.

CLINICAL HISTORY: "locally recurrent H/N cancer. Recent scan discordant with physical exam findings. R/A Locally recurrent disease.." .

TECHNIQUE: 2mm axial images of the neck were obtained during IV contrast injection, using bone and soft tissue algorithms. Sagittal and coronal reformats were also obtained.

COMPARISON: CT neck from February 3, 2021

### FINDINGS:

History of squamous cell carcinoma of the tongue root treated by chemotherapy and radiotherapy in 2019. Lymph node recurrence in October 2020 treated by chemotherapy.

There are mild motion artifacts degrading the images.

There is minimal contraction of the necrotic portion of the irregular rim enhancing lymph node conglomerate in the level 2 and 3 of the right cervical chain extending into the lingual surface of the epiglottis, tongue root and the right vallecula. This conglomerate is measuring up to  $58 \times 20$  mm on axial versus  $60 \times 24$  mm. Redemonstration of invasion of the right sternocleidomastoid muscle. Suspicion of persistent of the ulceration at the contact with the right vallecula. There are some bubbly secretions in the right vallecula.

The right carotid sheath is surrounded by the necrotic lymph node mass in by the periphery soft tissue infiltration, but remain patent. The right submandibular gland superior portion is indistinguishable from the mass, probably infiltrated.

Thickening of the epiglottis, infiltration of the anterior subcutaneous soft tissue of the neck and thickening of bilateral platysma, most probably related to prior radiotherapy.

The visualized intracranial contents are unremarkable. In particular, no space occupying lesion, mass effect or abnormal enhancement. The orbits and its contents are normal. The mastoids are clear. Polyp/retention cyst in the left maxillary sinus, unchanged.

No expansile or destructive osseous lesions. Degenerative changes of the cervical spine with and mild spinal canal stenosis at C4-C5 to C6-C7.

### IMPRESSION:

Minimal contraction of the necrotic component of the extensive irregular rim enhancing lymph node conglomerate in the right cervical chain extending to the tongue root, epiglottis and right vallecula.

Karine Massicotte-Tisluck, Neuro Imaging Fellow

For report clarification: rads@toh.ca

Authorizing Provider Result Type

Michael MacDonald Vickers

Performing Organization Address City/State/ZIP Code Phone Number

ATL POWERSCRIBE

# CT CHEST W IV CONTRAST - Final result (16/03/2021 8:19 AM EDT)

Anatomical Region Laterality Modality

Chest Computed Tomography

Anatomical Location / Collection Method / Volume Collection Time Received Time

16/03/2021 10:15 AM

**EDT** 

**Impressions** 

# ATL POWERSCRIBE - 16/03/2021 10:35 PM EDT

Stable 3 mm lung nodule in left lower lobe.

For report clarification: rads@toh.ca

Narrative

# ATL POWERSCRIBE - 16/03/2021 10:35 PM EDT

CT THORAX WITH CONTRAST (ROUTINE)

INDICATION: Locally recurrent H/N cancer. ? lung mets.

COMPARISON: CT chest dated February 3, 2021

LUNGS & TRACHEOBRONCHIAL TREE: There is small right lower lobe pulmonary nodule on image #192/11 is stable since November 2018, is benign.

The 3 mm nodule in superior segment of the left lower lobe is stable. No new pulmonary nodule.

Patent airways.

LYMPH NODES & MEDIASTINUM: No thoracic lymph node enlargement.

PLEURA & PERICARDIUM: Unremarkable.

HEART & VESSELS: Moderate to severe calcifications of the coronary arteries. Moderate atherosclerotic changes of the thoracic aorta.

ESOPHAGUS & Neck: Unremarkable.

BONES & CHEST WALL: No aggressive bone lesion. There is stable bony island in T7 vertebral body.

UPPER ABDOMEN: Stable right hepatic cyst.

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### Procedure Note

# Hamid Bayanati - 16/03/2021

Formatting of this note might be different from the original.

CT THORAX WITH CONTRAST (ROUTINE)

INDICATION: Locally recurrent H/N cancer. ? lung mets. COMPARISON: CT chest dated February 3, 2021

LUNGS & TRACHEOBRONCHIAL TREE: There is small right lower lobe pulmonary nodule on image #192/11 is stable since November 2018, is benign.

The 3 mm nodule in superior segment of the left lower lobe is stable. No new pulmonary nodule.

LYMPH NODES & MEDIASTINUM: No thoracic lymph node enlargement.

PLEURA & PERICARDIUM: Unremarkable.

HEART & VESSELS: Moderate to severe calcifications of the coronary arteries. Moderate atherosclerotic changes of the thoracic aorta.

ESOPHAGUS & Neck: Unremarkable.

BONES & CHEST WALL: No aggressive bone lesion. There is stable bony island in T7 vertebral body.

UPPER ABDOMEN: Stable right hepatic cyst.

**EORLA** 

IMPRESSION:

Stable 3 mm lung nodule in left lower lobe.

For report clarification: rads@toh.ca

Authorizing Provider	Result Type		
Michael MacDonald Vickers	IMG CT PROCEDURES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
ATL POWERSCRIBE			

AUTOMATED DIFFEREN	ITIAL - Final re	sult (01/0	3/2021 2:35 PM EST)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	2.4	2.0 - 7.5 x10^9/L			EORLA	
Lymphocyte	0.9	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.6	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.0	0.0 - 0.5 x10^9/L			EORLA	
Basophil	0.0	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.0	<=0.1 x10^9/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood				01/03/2021	2:35 PM EST	01/03/2021 2:50 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	

# CREATININE - Final result (01/03/2021 2:35 PM EST)

Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	83	62 - 100			EORLA	

# umol/L

		umol/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)				01/03/2021	2:35 PM EST	01/03/2021 2:51 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			,			
(ABNORMAL) CBC - Final	result (01/03/2		M EST)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	3.9	3.5 - 10.5	rest Method	Time	EORLA	Patriologist Signature
WDC	3.5	x10^9/L			LONLA	
RBC	2.89 (L)	4.00 - 5.50 x10^12/L			EORLA	
HGB	96 (L)	125 - 170 g/L			EORLA	
НСТ	0.284 (L)	0.380 - 0.500 L/L			EORLA	
MCV	98.3	80.0 - 100.0 fL			EORLA	
MCH	33.2	27.0 - 34.0 pg			EORLA	
МСНС	338	315 - 355 g/L			EORLA	
RDW	14.4	11.5 - 15.5 %			EORLA	
Plat	251	130 - 380 x10^9/L			EORLA	
MPV	8.8 (L)	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	-			01/03/2021	2:35 PM EST	01/03/2021 2:50 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			•			
ALT - Final result (01/03	/2021 2:35 PM	EST) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	12	12 - 49 U/L			EORLA	

	Anatomical Loc	cation /	Collection Method /		_	
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				01/03/2021	2:35 PM EST	01/03/2021 2:51 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
ALP - Final result (01/03	3/2021 2:35 PM					
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	77	50 - 112	rest Method	Time	EORLA	Patriologist Signature
ALI	77	U/L			LONLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)					2:35 PM EST	
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
VICKEIS						
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
MAGNESIUM - Final res	-ul+ (01/02/202	1 2.25 DN	A ECT)			
IVIAGINESIOIVI - I IIIdi Tes	suit (01/03/202	Ref	VI L31)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Mg	0.66	0.66 - 1.07 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	-imo	Received Time
Blood (Blood, Venous)	Lateranty		Volume		2:35 PM EST	01/03/2021 2:51 PM EST
3.00a (3.00a, venous)				01/05/2021		0.,00,20212.511111251
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
EORLA			5.tg/ 5tate/ 211 Code	. Hone run		
BILIRUBIN, TOTAL - Fina	al result (01/03)	/2021 2:3 Ref	5 PM EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	3	<=15 umol/L			EORLA	
	Anatomical Loc	ration /	Collection Method /			
Specimen (Source)	Laterality	.auUII /	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	<del> </del>				2:35 PM EST	01/03/2021 2:51 PM EST
Authorizing Provider	Result Type					

Vickers						
Performing Organization	Address	City/State/ZIP Code Phone Number				
EORLA			,			
ELECTROLYTE PANEL (E	LECTROLYTES)		sult (01/03/2021 2:35 PI			
Campanant	\/ala	Ref	Test Method	Analysis Time	Performed	Dath alagist Cignatura
Component Na	Value 139	Range 136 - 144		Time	At EORLA	Pathologist Signature
INd	159	mmol/L			EURLA	
K	4.2	3.5 - 5.1			EORLA	
· ·		mmol/L			201121	
Cl	104	98 - 107			EORLA	
		mmol/L				
CO2	26	19 - 30			EORLA	
		mmol/L				
Anion Gap	9	8 - 16			EORLA	
		mmol/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				01/03/2021	2:35 PM EST	01/03/2021 2:51 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
VICKEIS						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
AUTOMATED DIFFEREN	ITIAL - Final res	•	2/2021 2:00 PM EST)		- 4	
Component	Value	Ref	Tost Mathod	Analysis Time	Performed At	Pathologist Signature
Component Neutrophil	4.1	2.0 - 7.5	Test Method	Time	EORLA	Pathologist Signature
Neutrophii	4.1	x10^9/L			LONLA	
Lymphocyte	1.1	0.8 - 3.5			EORLA	
, , ,		x10^9/L				
Monocyte	0.8	0.1 - 1.0			EORLA	
		x10^9/L				
Eosinophil	0.0	0.0 - 0.5			EORLA	
		x10^9/L				
Basophil	0.0	0.0 - 0.1			EORLA	
Inchestra Casardo esta	0.0	x10^9/L			FODI A	
Immature Granulocyte	0.0	<=0.1 x10^9/L			EORLA	
		710 J/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood				08/02/2021	2:00 PM EST	08/02/2021 2:17 PM EST
A description	D II T					
Authorizing Provider	Result Type	DED 4 21 52				
Michael MacDonald Vickers	LAB BLOOD OR	NEKARLES				
VICKCIO						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
	Address		City/State/ZIP Code	Phone Num	ber	

Michael MacDonald

Vickers

LAB BLOOD ORDERABLES

CREATININE - Final result (08/02/2021 2:00 PM EST)									
		Ref		Analysis	Performed				
Component	Value	Range	Test Method	Time	At	Pathologist Signature			
Creatinine	88	62 - 100 umol/L			EORLA				
		ulli0i/L							
	Anatomical Loc	cation /	Collection Method /						
Specimen (Source)	Laterality		Volume	Collection T		Received Time			
Blood (Blood, Venous)				08/02/2021	2:00 PM EST	08/02/2021 2:18 PM EST			
Authorizing Provider	Result Type								
Michael MacDonald	LAB BLOOD OR	RDFRABLES							
Vickers		(DE10.12==							
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber				
EORLA									
(ABNORMAL) CBC - Final	=0cul+ (08/02/2	^21 2·00 D	MA ECT)						
(ADNORIVIAL) CDC - I mai	result (00/02/2	Ref	WI EST)	Analysis	Performed				
Component	Value	Range	Test Method	Time	At	Pathologist Signature			
WBC	6.1	3.5 - 10.5 x10^9/L			EORLA				
RBC	3.47 (L)	4.00 -			EORLA				
		5.50							
		x10^12/L							
HGB	114 (L)	125 - 170 g/L			EORLA				
НСТ	0.336 (L)	0.380 - 0.500 L/L			EORLA				
MCV	96.8	80.0 - 100.0 fL			EORLA				
МСН	32.9	27.0 - 34.0 pg			EORLA				
MCHC	339	34.0 pg 315 - 355			EORLA				
		g/L							
RDW	14.3	11.5 - 15.5 %			EORLA				
Plat	333	130 - 380 x10^9/L			EORLA				
MPV	8.6 (L)	9.0 - 14.0 fL			EORLA				
NRBC/100 WBC	0.0				EORLA				
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA				
	Anatomical Loc		Collection Method /						
Specimen (Source)	Laterality		Volume	Collection T		Received Time			
Blood (Blood, Venous)				08/02/2021	2:00 PM EST	08/02/2021 2:17 PM EST			
Authorizing Provider	Result Type								
Michael MacDonald Vickers	LAB BLOOD OR	(DERABLES							
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber				
EORLA									

(ABNORMAL) ALT - Final	result (08/02/2		M EST)			
Component	Value	Ref	Test Method	Analysis Time	Performed	Pathologist Cignature
Component ALT	Value 11 (L)	Range 12 - 49	l est Method	IIme	At EORLA	Pathologist Signature
ALI	11 (L)	U/L			LUNLA	
Consistency (Course)	Anatomical Loc	cation /	Collection Method /	Callaction T	**	Deceived Times
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	Collection T		Received Time 08/02/2021 2:18 PM EST
Dioou (Dioou, Verious)				UO/UL/LUL 1	Z.UU FIVI LJI	00/02/2021 2.10 1 WI L31
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	(DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ALD 5'   1, (00,(0)	, /2024 2 00 Pk	4 ECT)				
ALP - Final result (08/02	2/2021 2:00 PM	1 EST) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
ALP	83	50 - 112			EORLA	
		U/L				
		/				
Specimen (Source)	Anatomical Loc Laterality	:ation /	Collection Method / Volume	Collection T	ïme	Received Time
Blood (Blood, Venous)	Lateranty		Volume			08/02/2021 2:18 PM EST
, , , , , , , , , , , , , , , , , , , ,				, .		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
NAACNIECIJINA Einel voo		11 2.00 DN	4 CCT)			
MAGNESIUM - Final res	uit (08/02/202	Ref	1 E31)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Mg	0.75	0.66 -			EORLA	<u> </u>
		1.07				
		mmol/L				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				08/02/2021	2:00 PM EST	08/02/2021 2:18 PM EST
Authorizina Drovidor	December Trans					
Authorizing Provider  Michael MacDonald	Result Type  LAB BLOOD OR	DEBARI ES				
Vickers	LAB BLOOD OF	DENABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
BILIRUBIN, TOTAL - Fina	al result (08/02	/2021 2:0	0 PM FST)			
	11 103410 (00) 02,	Ref	0 1 111 231)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	3	<=15			EORLA	
		umol/L				

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			08/02/2021 2:00 PM EST	08/02/2021 2:18 PM EST
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

## ELECTROLYTE PANEL (ELECTROLYTES) - Final result (08/02/2021 2:00 PM EST)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	138	136 - 144 mmol/L			EORLA	
К	4.5	3.5 - 5.1 mmol/L			EORLA	
Cl	101	98 - 107 mmol/L			EORLA	
CO2	26	19 - 30 mmol/L			EORLA	
Anion Gap	11	8 - 16 mmol/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	-			08/02/2021	2:00 PM EST	08/02/2021 2:18 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			-			

## CT NECK W IV CONTRAST - Final result (03/02/2021 2:13 PM EST)

Anatomical Region	Laterality	Modality		
Neck		Compute	d Tomography	
	Anatomical Location /	Collection Method /		
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
			05/02/2021 2:23 PM	FST

#### **Impressions**

### ATL POWERSCRIBE - 05/02/2021 5:13 PM EST

Interval increase in size of the infiltrative, necrotic nodal mass in the right level 2/3 with extension into the lingual surface of the epiglottis, tongue base and right vallecula, concerning for disease progression. Focal nodularity is noted in the mucosal surfaces of the supraglottic larynx.

Ohoud Alaslani, Neuro Imaging Fellow

For report clarification: rads@toh.ca

#### Narrative

### ATL POWERSCRIBE - 05/02/2021 5:13 PM EST

CT SCAN OF THE NECK WITH IV CONTRAST

INDICATION: Stage 4 recurrent H/N cancer in R neck. ? Response to chemo.

TECHNIQUE: Helical sections through the neck with administration of intravenous contrast.

COMPARISON: CT neck dated October 7, 2020.

#### FINDINGS:

There is significant interval increase in size of the necrotic, rim enhancing lymph node conglomerate in level 2/3 on the right side, extending to the lingual surface of the epiglottis, tongue base and vallecula with ulcerated appearance, reaching the midline. It measures approximately 5.6 x 3.3 cm in maximum axial dimensions. The mass is inseparable from the overlying sternocleidomastoid which appears invaded. The carotid sheath is encased by the mass but the internal carotid artery remains patent. The right internal jugular vein remains and visualized at the level mass. There is mucosal nodularity in the posterior wall of the supraglottic larynx. The right submandibular gland is inseparable from the mass.

The remaining salivary glands are preserved. No concerning thyroid abnormality.

The visualized brain parenchyma and orbits show no concerning abnormality. Small mucosal retention cyst is noted in the left maxillary sinus.

There are degenerative changes in the cervical and upper thoracic spine without concerning lesions. Sclerotic focus is noted in the anterior aspect of T7 vertebral body, could represent bone island.

CT chest is reported separately.

#### Procedure Note

#### Rafael Simon Glikstein - 05/02/2021

Formatting of this note might be different from the original.

CT SCAN OF THE NECK WITH IV CONTRAST

INDICATION: Stage 4 recurrent H/N cancer in R neck. ? Response to chemo.

TECHNIQUE: Helical sections through the neck with administration of intravenous contrast.

COMPARISON: CT neck dated October 7, 2020.

#### FINDINGS:

There is significant interval increase in size of the necrotic, rim enhancing lymph node conglomerate in level 2/3 on the right side, extending to the lingual surface of the epiglottis, tongue base and vallecula with ulcerated appearance, reaching the midline. It measures approximately 5.6 x 3.3 cm in maximum axial dimensions. The mass is inseparable from the overlying sternocleidomastoid which appears invaded. The carotid sheath is encased by the mass but the internal carotid artery remains patent. The right internal jugular vein remains and visualized at the level mass. There is mucosal nodularity in the posterior wall of the supraglottic larynx. The right submandibular gland is inseparable from the mass.

The remaining salivary glands are preserved. No concerning thyroid abnormality.

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There are degenerative changes in the cervical and upper thoracic spine without concerning lesions. Sclerotic focus is noted in the anterior aspect of T7 vertebral body, could represent bone island.

CT chest is reported separately.

#### IMPRESSION:

Interval increase in size of the infiltrative, necrotic nodal mass in the right level 2/3 with extension into the lingual surface of the epiglottis, tongue base and right vallecula, concerning for disease progression. Focal nodularity is noted in the mucosal surfaces of the supraglottic larynx.

Ohoud Alaslani, Neuro Imaging Fellow

For report clarification: rads@toh.ca

Authorizing Provider Result Type

Michael MacDonald IMG CT PROCEDURES

Vickers

Performing Organization Address City/State/ZIP Code Phone Number

ATL POWERSCRIBE

CT CHEST W IV CONTRAST - Final result (03/02/2021 2:13 PM EST)

**Anatomical Region** Laterality

Chest Computed Tomography

> Anatomical Location / Collection Method /

Specimen (Source) Laterality Volume Collection Time Received Time

03/02/2021 3:55 PM EST

**Impressions** 

ATL POWERSCRIBE - 03/02/2021 4:52 PM EST

No evidence of intrathoracic metastasis. New 3 mm left lower lobe nodule, nonspecific. To be reassessed on next routine follow-up.

Hussain Alnemer, Thoracic Imaging Fellow

For report clarification: rads@toh.ca

Narrative

ATL POWERSCRIBE - 03/02/2021 4:52 PM EST

CT THORAX WITH CONTRAST (ROUTINE)

INDICATION: Stage 4 recurrent H/N cancer. ? response to chemo

COMPARISON: CT chest dated 19 November 2018.

LUNGS & TRACHEOBRONCHIAL TREE: Tracheobronchial tree is patent. Small nodules in the right lower lobe (annotated in series 4) are stable since prior study, benign findings. New 3 mm noncalcified solid nodule in

the left lower lobe (image #79). No suspicious parenchymal lesion.

LYMPH NODES & MEDIASTINUM: No thoracic lymph node enlargement.

PLEURA & PERICARDIUM: No pleural or pericardial effusion.

HEART & VESSELS: Severe coronary artery calcification.

ESOPHAGUS & Neck: CT neck reported separately. BONES & CHEST WALL: No aggressive bone lesion.

UPPER ABDOMEN: CT abdomen reported separately.

Procedure Note

### Kevin Francis O'Kelly - 03/02/2021

Formatting of this note might be different from the original.

CT THORAX WITH CONTRAST (ROUTINE)

INDICATION: Stage 4 recurrent H/N cancer. ? response to chemo

COMPARISON: CT chest dated 19 November 2018.

LUNGS & TRACHEOBRONCHIAL TREE: Tracheobronchial tree is patent. Small nodules in the right lower lobe (annotated in series 4) are stable since prior study, benign findings. New 3 mm noncalcified solid nodule in the left lower lobe (image #79). No suspicious parenchymal lesion.

LYMPH NODES & MEDIASTINUM: No thoracic lymph node enlargement.

PLEURA & PERICARDIUM: No pleural or pericardial effusion.

HEART & VESSELS: Severe coronary artery calcification.

ESOPHAGUS & Neck: CT neck reported separately.

BONES & CHEST WALL: No aggressive bone lesion.

UPPER ABDOMEN: CT abdomen reported separately.

IMPRESSION:

No evidence of intrathoracic metastasis. New 3 mm left lower lobe nodule, nonspecific. To be reassessed on next routine follow-up.

Hussain Alnemer, Thoracic Imaging Fellow

For report clarification: rads@toh.ca

Authorizing Provider Result Type

Michael MacDonald **IMG CT PROCEDURES** 

Vickers

Performing Organization Address City/State/ZIP Code Phone Number

ATL POWERSCRIBE

CT ABDOMEN PELVIS W IV CONTRAST - Final result (03/02/2021 2:13 PM EST)

Anatomical Region Laterality Modality

Body, Abdomen, Pelvis, Y Computed Tomography

Anatomical Location / Collection Method /

Specimen (Source) Laterality Volume Collection Time Received Time

04/02/2021 8:51 AM EST

**Impressions** 

ATL POWERSCRIBE - 04/02/2021 8:55 AM EST

No metastatic disease is seen in the abdomen or pelvis.

For report clarification: rads@toh.ca

Narrative

ATL POWERSCRIBE - 04/02/2021 8:55 AM EST

CT ABDOMEN & PELVIS

INDICATION: Age: 66 years old; Male, "Stage 4 recurrent H/N cancer. ? response to chemo"

TECHNIQUE: Routine portal venous phase contrast-enhanced evaluation. Oral contrast was not given.

COMPARISON: PET from October 14, 2020 CT thorax from November 19, 2018

**HEPATOBILIARY SYSTEM:** 

Liver: 16 mm segment 5/6 hepatic cyst.

Biliary Tree: No important gallbladder abnormality. No important abnormality of the biliary tree.

Pancreas: No important abnormality.

GASTROINTESTINAL TRACT: No important abnormality.

GENITOURINARY SYSTEM:

Adrenals: No important abnormality.

Kidneys / Ureters: Bilateral parapelvic cysts.

Urinary Bladder: Urinary bladder is collapsed. Mild wall thickening.

Reproductive Organs: The prostate gland is enlarged.

LYMPHATIC SYSTEM: No important abnormality of the spleen. No lymphadenopathy.

PERITONEUM, RETROPERITONEUM & MESENTERY: No important abnormality.

VESSELS & OTHER: Atherosclerosis. Atherosclerosis at the origin of the renal arteries, and the celiac axis. No venous abnormality.

BONES / BODY WALL: No important bony abnormality. No body wall abnormality.

LOWER THORAX (lung bases, heart): Reported separately

Procedure Note

Shauna Duigenan - 04/02/2021

Formatting of this note might be different from the original.

CT ABDOMEN & PELVIS

INDICATION: Age: 66 years old; Male, "Stage 4 recurrent H/N cancer. ? response to chemo"

TECHNIQUE: Routine portal venous phase contrast-enhanced evaluation. Oral contrast was not given.

COMPARISON: PET from October 14, 2020 CT thorax from November 19, 2018

**HEPATOBILIARY SYSTEM:** 

Liver: 16 mm segment 5/6 hepatic cyst.

Biliary Tree: No important gallbladder abnormality. No important abnormality of the biliary tree.

Pancreas: No important abnormality.

GASTROINTESTINAL TRACT: No important abnormality.

**GENITOURINARY SYSTEM:** 

Adrenals: No important abnormality.

Kidneys / Ureters: Bilateral parapelvic cysts.

Urinary Bladder: Urinary bladder is collapsed. Mild wall thickening.

Reproductive Organs: The prostate gland is enlarged.

LYMPHATIC SYSTEM: No important abnormality of the spleen. No lymphadenopathy. PERITONEUM, RETROPERITONEUM & MESENTERY: No important abnormality. VESSELS & OTHER: Atherosclerosis. Atherosclerosis at the origin of the renal arteries, and the celiac axis. No venous abnormality. BONES / BODY WALL: No important bony abnormality. No body wall abnormality. LOWER THORAX (lung bases, heart): Reported separately IMPRESSION: No metastatic disease is seen in the abdomen or pelvis. For report clarification: rads@toh.ca Authorizing Provider Result Type Michael MacDonald IMG CT PROCEDURES Vickers Performing Organization Address City/State/ZIP Code Phone Number ATL POWERSCRIBE AUTOMATED DIFFERENTIAL - Final result (18/01/2021 2:30 PM EST) Ref Performed Analysis Component Value Test Method Time Pathologist Signature Range Αt Neutrophil 2.3 **EORLA** 2.0 - 7.5x10^9/L **EORLA** Lymphocyte 0.9 0.8 - 3.5x10^9/L **EORLA** Monocyte 0.7 0.1 - 1.0x10^9/L Eosinophil 0.0 0.0 - 0.5**EORLA** x10^9/L Basophil 0.0 0.0 - 0.1**EORLA** x10^9/L Immature Granulocyte 0.0 <=0.1 **EORLA** x10^9/L Anatomical Location / Collection Method / Specimen (Source) Laterality Volume Collection Time Received Time Blood **Authorizing Provider** Result Type Michael MacDonald LAB BLOOD ORDERABLES Vickers Performing Organization Address City/State/ZIP Code Phone Number **EORLA** CREATININE - Final result (18/01/2021 2:30 PM EST) Ref Analysis Performed Test Method Pathologist Signature Component Value Range Time Αt 62 - 100 Creatinine 100 **EORLA** umol/L Anatomical Location / Collection Method / Laterality Volume Collection Time Received Time Specimen (Source) Blood (Blood, Venous) 

Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD ORI	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Numb	iher	
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(ABNORMAL) CBC - Final		021 2.2N P	PAN ECT\			
(ADNORIVIAL) CDC 1	result (10/01/20	Ref	W ESI)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC		3.5 - 10.5 x10^9/L			EORLA	
RBC	3.55 (L)	4.00 - 5.50 x10^12/L			EORLA	
HGB	113 (L)	125 - 170 g/L			EORLA	
НСТ	0.337 (L)	0.380 - 0.500 L/L			EORLA	
MCV	94.9	80.0 - 100.0 fL			EORLA	
МСН	31.8	27.0 - 34.0 pg			EORLA	
МСНС	335	315 - 355 g/L			EORLA	
RDW	14.5	11.5 - 15.5 %			EORLA	
Plat	325	130 - 380 x10^9/L			EORLA	
MPV	8.8 (L)	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
Specimen (Source)	Anatomical Loca	ation /	Collection Method / Volume	Collection Ti	ïma	Received Time
Blood (Blood, Venous)	Laterancy		Volume		2:30 PM EST	18/01/2021 2:55 PM EST
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Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORI	DEKARLE?				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
EORLA						
ALT - Final result (18/01)	/2021 2:30 PM				~ 6l	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	15	12 - 49	163t Michiod	Time	EORLA	Tathologist signata.
		U/L				
	Anatomical Loca	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	ime	Received Time
Blood (Blood, Venous)				18/01/2021	2:30 PM EST	18/01/2021 2:56 PM EST

Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
EORLA	7.00.000		City/ State/ Zii. SS II.	111011011	DC1	
20						
ALP - Final result (18/01	/2021 2:30 PM					
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	82	50 - 112	Test Method	IIIIIC	EORLA	Patriologist Signature
ALI	02	U/L			LONLA	
Specimen (Source)	Anatomical Loc	ation /	Collection Method / Volume	Collection Ti	ima	Received Time
Blood (Blood, Venous)	Laterality		Volume		2:30 PM EST	18/01/2021 2:56 PM EST
Dioou (Dioou, Verious)				10/01/2021	2.30 I IVI L3 I	10/01/2021 2.30 1 141 231
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
EORLA	7.00.000		City/ State/ Zii. SS II.	111011011	DC1	
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MAGNESIUM - Final res	ult (18/01/202		1 EST)			
Component	Value	Ref	Test Method	Analysis	Performed	Dathalagist Cignature
Component Mg	0.74	Range 0.66 -	Test ivietnou	Time	At EORLA	Pathologist Signature
Nig	0.74	0.66 - 1.07			EUKLA	
		mmol/L				
	2					
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	imo	Received Time
Blood (Blood, Venous)	Lateranty		Volume		2:30 PM EST	18/01/2021 2:56 PM EST
Diood (Diood, Veriods)				10,01,202.	2.30 1 171 23.	10/01/2021 2.301 11. 231
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
EORLA	7.001.000		010,70000,2	1110110111		
			_			
BILIRUBIN, TOTAL - Fina	ıl result (18/01/		) PM EST)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	3	<=15	Test iviethod	IIIIIE	EORLA	Patriologist Signature
Dilli doni Total	3	umol/L			LONL	
6 (6	Anatomical Loc	ation /	Collection Method /	C. U Can Ti		D 1 1 T
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)				18/01/2021	2:30 PM EST	18/01/2021 2:56 PM EST
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
	2.1.1		C'. (C) . (715 C) .1.	D1 N1		
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	

Component

Value

ELECTROLYTE PANEL (E	LECTROLYTES)	- Final res	sult (18/01/2021 2:30 P	M EST) Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	136	136 - 144 mmol/L			EORLA	
К	4.1	3.5 - 5.1 mmol/L			EORLA	
CI	102	98 - 107 mmol/L			EORLA	
CO2	26	19 - 30 mmol/L			EORLA	
Anion Gap	8	8 - 16 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)				18/01/2021	2:30 PM EST	18/01/2021 2:56 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
AUTOMATED DIFFEREN		Ref		Analysis	Performed	
Component Neutrophil	Value 2.2	Range 2.0 - 7.5	Test Method	Time	At EORLA	Pathologist Signature
Neutropilli	۷.۷	x10^9/L			EURLA	
Lymphocyte	0.8	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.6	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.0	0.0 - 0.5 x10^9/L			EORLA	
Basophil	0.0	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.0	<=0.1 x10^9/L			EORLA	
_Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti		Received Time
Blood				29/12/2020	8:10 AM EST	29/12/2020 8:18 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
CREATININE - Final resu	ılt (29/12/2020	8:10 AM	EST)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature

Test Method

Range

Time

Αt

Pathologist Signature

	Creatinine	100	62 - 100 umol/L		EORLA		
	Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Time		Received Time
ŀ	Blood (Blood, Venous)	Lateranty		volume			29/12/2020 8:18 AM EST
					23, 12,2020	0.10 / 1111 201	23, 12, 2020 0.10 7.111 201
	Authorizing Provider	Result Type					
	Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
	Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
•	(ABNORMAL) CBC - Final	result (29/12/2		M EST)		D ( )	
	Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ľ	WBC	3.7	3.5 - 10.5 x10^9/L			EORLA	
	RBC	3.88 (L)	4.00 - 5.50 x10^12/L			EORLA	
ľ	HGB	124 (L)	125 - 170 g/L			EORLA	
ľ	НСТ	0.368 (L)	0.380 - 0.500 L/L			EORLA	
ľ	MCV	94.8	80.0 - 100.0 fL			EORLA	
	MCH	32.0	27.0 - 34.0 pg			EORLA	
ľ	MCHC	337	315 - 355 g/L			EORLA	
	RDW	14.1	11.5 - 15.5 %			EORLA	
	Plat	273	130 - 380 x10^9/L			EORLA	
	MPV	8.8 (L)	9.0 - 14.0 fL			EORLA	
ı.	NRBC/100 WBC	0.0				EORLA	
	NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
	Specimen (Source)	Anatomical Loc	cation /	Collection Method / Volume	Collection Ti	ima	Received Time
ŀ	Blood (Blood, Venous)	Lateranty		volume			29/12/2020 8:18 AM EST
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-	Authorizing Provider	Result Type	DED 4 D1 EC				
	Michael MacDonald Vickers	LAB BLOOD OF	KNEKARLES				
	Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
	LONLA						
	ALT - Final result (29/12	2/2020 8:10 AM					
	Component	Value	Ref	Test Method	Analysis Time	Performed At	Pathologist Signature
-	Component ALT	19	Range 12 - 49	I EST INIETHOU	TITIE	EORLA	i athologist signature
_		-					

		U/L				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				29/12/2020	8:10 AM EST	29/12/2020 8:18 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ALP - Final result (29/12  Component ALP	2/2020 8:10 AN Value 83	I EST) Ref Range 50 - 112	Test Method	Analysis Time	Performed At EORLA	Pathologist Signature
		U/L				
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T		Received Time
Blood (Blood, Venous)				29/12/2020	8:10 AIVI EST	29/12/2020 8:18 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
MAGNESIUM - Final res	sult (29/12/202	.0 8:10 AN	И EST)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Mg	0.80	0.66 - 1.07 mmol/L			EORLA	
(C (C )	Anatomical Loc	cation /	Collection Method /	Calleadia a T		Desci ed Ties
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	Collection Time		Received Time 29/12/2020 8:18 AM EST
biood (biood, veilous)				<i>LJ</i> / 1 <i>L</i> /2020	O. IO AIVI LOI	23/ 12/2020 0.10 AIVI L31
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
BILIRUBIN, TOTAL - Fina	al result (29/12,	/2020 8:1 Ref	0 AM EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	4	<=15			EORLA	
		umol/L				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source) Blood (Blood, Venous)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime 8:10 AM EST	Received Time 29/12/2020 8:18 AM EST

Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
FLECTROLVEE DANIEL (F	LECTROLVEC	Cinal na	It (20 (12 (2020 0.10 A	NA ECT)		
ELECTROLYTE PANEL (E	LECTROLYTES)	- Final res	Suit (29/12/2020 8:10 A	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	140	136 - 144 mmol/L			EORLA	3 3
К	4.4	3.5 - 5.1 mmol/L			EORLA	
Cl	103	98 - 107 mmol/L			EORLA	
CO2	29	19 - 30 mmol/L			EORLA	
Anion Gap	8	8 - 16			EORLA	
		mmol/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality	ation	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				29/12/2020	8:10 AM EST	29/12/2020 8:18 AM EST
Authorizing Provider	Docult Type					
Authorizing Provider  Michael MacDonald	Result Type  LAB BLOOD OR	DERARI ES				
Vickers	LAD BLOOD ON	DEIVADELS				
				51		
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
LOKLA						
AUTOMATED DIFFEREN	ITIAL - Final res		2/2020 4:26 PM EST)		- 4	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Neutrophil	3.4	2.0 - 7.5	Test Method	TITTIC	EORLA	Tatriologist signature
		x10^9/L				
Lymphocyte	1.0	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.7	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.0	0.0 - 0.5 x10^9/L			EORLA	
Basophil	0.0	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.0	<=0.1 x10^9/L			EORLA	
	Amata 11		Callantia - Maril - 17			
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood			. 3.6		4:26 PM EST	
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Dorforming Organization	Address		City/Ctata/71D C	Phone Num	hor	
Performing Organization EORLA	Audress		City/State/ZIP Code	rnone Num	nei	
LONLA						

	\	Ref	T	Analysis	Performed	Bull I state
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	94	62 - 100 umol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				07/12/2020	4:26 PM EST	07/12/2020 4:47 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) CBC - Final	result (07/12/2	<b>020 4:26 P</b> Ref	M EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	5.2	3.5 - 10.5 x10^9/L			EORLA	
RBC	4.08	4.00 - 5.50 x10^12/L			EORLA	
HGB	130	125 - 170 g/L			EORLA	
НСТ	0.384	0.380 - 0.500 L/L			EORLA	
MCV	94.1	80.0 - 100.0 fL			EORLA	
MCH	31.9	27.0 - 34.0 pg			EORLA	
MCHC	339	315 - 355 g/L			EORLA	
RDW	12.6	11.5 - 15.5 %			EORLA	
Plat	261	130 - 380 x10^9/L			EORLA	
MPV	8.9 (L)	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
Saarinaan (Saarina)	Anatomical Loc	cation /	Collection Method /	Callantian T		Deceived Time
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	07/12/2020		Received Time 07/12/2020 4:47 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	

ALT - Final result (07/12	2/2020 4:26 PM	*				
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	17	12 - 49	rest memou		EORLA	T delitered is a signature
		U/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				07/12/2020	4:26 PM EST	07/12/2020 4:47 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			,			
ALP - Final result (07/12  Component  ALP	2/2020 4:26 PN Value 92	Ref Range 50 - 112 U/L	Test Method	Analysis Time	Performed At EORLA	Pathologist Signature
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				07/12/2020	4:26 PM EST	07/12/2020 4:47 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
MAGNESIUM - Final res	sult (07/12/202 Value	Ref	1 EST)  Test Method	Analysis Time	Performed	Pathologist Signature
Component Mg	0.80	Range 0.66 -	rest Method	Time	At EORLA	Pathologist Signature
Wig	0.00	1.07 mmol/L			LOKEA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	Collection T		Received Time 07/12/2020 4:47 PM EST
bioou (bioou, venous)				01/12/2020	4.20 PIVI EST	01/12/2020 4:41 PINI EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
BILIRUBIN, TOTAL - Fina	al result (07/12,	/2020 4:20	6 PM EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	5	<=15 umol/L			EORLA	3 3
		umoi/L				

Specimen (Source)	Anatomical Location / Laterality		Collection Method / Volume	Collection Time		Received Time
Blood (Blood, Venous)	24.014.11.9					07/12/2020 4:47 PM EST
Authorizing Provider	Result Type	DEDARIEC				
Michael MacDonald Vickers	LAB BLOOD OR	DEKABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ELECTROLYTE PANEL (E	LECTROLYTES)	- Final res	sult (07/12/2020 4:26 P	M EST) Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	138	136 - 144 mmol/L			EORLA	
K	4.0	3.5 - 5.1 mmol/L			EORLA	
Cl	100	98 - 107 mmol/L			EORLA	
CO2	26	19 - 30 mmol/L			EORLA	
Anion Gap	12	8 - 16 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Lateranty		Volume			07/12/2020 4:47 PM EST
				, ,		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			•			
COVID-19 - Final result		Ref	•	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
COVID Source	NP/Throat				EORLA EORLA	
COVID-19 RT-PCR	Not Detected				EURLA	
Specimen (Source)	Anatomical Loc	ation /	Collection Method / Volume	Collection T	imo	Received Time
Specimen (Source)  NP/Throat	Laterality		volunie			16/11/2020 2:46 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB MICROBIO	LOGY - GEI				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
AUTOMATED DIFFEREN	ITIAI - Final res	sult (04/11	1/2020 3·55 PM FST)			
	Value	Ref	Test Method	Analysis Time	Performed	Pathologist Signature
Component	value	Range	I EST INIETHON	HIHE	At	r athorogist signature

		VANIER C CAN	ON k1l 7v4		613-748-015 dwils8@hot	58 (Home)	Conta		5
	Diane Wilson	Contact F			613-325-593			•	), Emergency
<u>4=</u>	Patient Contacts Contact Name	Contact A	Addrass		Communica	tion	Ralat	onship to F	Patient
	613-731-4770-x3 (Work) 613-731-4979 (Fax)	. c. Gei	.5.4.		. a.i.i.y ivicui		3, 3, 2	•	
	Michel Maalouf	PCP - Ger	-		Family Medi	cine	3/3/2		LIIG Date
ઝિ	Care Teams Team Member	Relations	hin		Specialty		Start	Date	End Date
	List stopped at 500 resu	Its. Some data r	nay be on	nitted.					
	EORLA								
	Performing Organization	Address		City/State/Z	IP Code	Phone Numl	ber		
	Michael MacDonald Vickers	LAB BLOOD OR	DERABLES						
	Authorizing Provider	Result Type							
	Blood (Blood, Venous)	-				04/11/2020	3:55 PM EST	04/11/20	20 3:56 PM EST
	Specimen (Source)	Anatomical Loc Laterality	ation /	Collection N Volume	Method /	Collection Ti	me	Received	Time
	Creatinine	110 (H)	62 - 100 umol/L				EORLA		
	Component	Value	Range	Test Metho	d	Time	At	Pathologi	st Signature
	(ABNORMAL) CREATININ		<b>04/11/202</b> Ref	0 3:55 PM E	ST)	Analysis	Performed		
	EORLA			,,					
	Performing Organization	Address		City/State/Z	IP Code	Phone Numl	ber		
	Michael MacDonald Vickers	LAB BLOOD OR	DERABLES						
	Authorizing Provider	Result Type							
	Blood	,							20 3:56 PM EST
	Specimen (Source)	Anatomical Loc Laterality		Collection N	Method /	Collection Ti	me	Received	Time
	Immature Granulocyte	0.0	<=0.1 x10^9/L				EORLA		
	Basophil	0.0	0.0 - 0.1 x10^9/L				EORLA		
	Eosinophil	0.0	0.0 - 0.5 x10^9/L				EORLA		
	Monocyte	0.8	0.1 - 1.0 x10^9/L				EORLA		
	Lymphocyte	1.0	0.8 - 3.5 x10^9/L				EORLA		
	Neutrophil	6.2	2.0 - 7.5 x10^9/L				EORLA		

# **Document Information**

Primary Care Provider

Other Service Providers

Document Coverage Dates

Michel Maalouf (Mar. 03, 2021 - Present)

613-731-4770-x3 (Work) 613-731-4979 (Fax) Family Medicine May 16, 1954 - Feb. 06, 2023

Custodian Organization

**Atlas Alliance** K1H 8L6 CAN



If you take your Lucy record on a thumb drive to a different doctor, he or she might be able to use his computer to read the file electronically. Your downloaded, machine-readable Personal Health Summary document is in a format called "CDA." If your doctor has a computer that understands CDA, your information is a folder on your thumb drive called **MachineReadable\_XDMFormat**. You might need to enter a password before your doctor can use this file.

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## Randall James Wilson

Summary of Care, generated on Feb. 06, 2023

Patient	Demographic	S -	Male;	born	May 1	16,	1954
		_	,			/	

Patient Address Communication

238 GREENSWAY AVE 2521 OTTAWA ON K1L 7V4

613-863-9319 (Mobile) 613-748-0158 (Home)

CAN (Home)

613-236-3902-x22 (Work)

rwilson@premierepropertymgt.com

Former (Apr. 15, 2019 - Mar. 30, 2022):

dwils8@hotmail.com

Rwilson@premierepropertymgt.com

238 GREENSWAY AVE 2521

VANIER ON K1L 7V4

CAN (Home)

# Note from Atlas Alliance

This document contains information that was shared with Randall James Wilson. It may not contain the entire record from Atlas Alliance.

Language

English - Spoken (Preferred)

Marital Status

Unknown

# **Encounter Details**

Date Care Team Type Department 26/09/2022 Procedure visit The Ottawa Hospital General Campus -Electrocardiogram 501 Smyth Rd Ottawa, ON K1H 8L6 613-737-8260

Allergies - documented as of this encounter (statuses as of 06/02/2023)

No known active allergies

Medications - documented as of this encounter (statuses as of 06/02/2023)

No known medications

Active Problems - documented as of this encounter (statuses as of 06/02/2023)

No known active problems

**Social History** - documented as of this encounter

Tobacco Use Types Packs/Day Years Used Date Former Smoker **Quit: 1986** Cigarettes 0.75

Alcohol Use Standard Drinks/Week

1 (1 standard drink = 18 mL pure alcohol) Yes

Last Filed Vital Signs - documented in this encounter Not on file

## Plan of Treatment - documented as of this encounter

**Upcoming Encounters** 

Date Type Specialty Care Team 08/02/2023 Follow-Up Oncology **Michael MacDonald Vickers** The Ottawa Hospital, Atlas Alliance 1053 Carling Avenue Ottawa, ON K1Y 4E9 613-722-7000 (Work)

Ref

Results - documented in this encounter

ECG 12-LEAD - Final result (26/09/2022 11:10 AM EDT)

Performed Pathologist Analysis

Component	Value	Range	Test Method	Time	At	Signature
Heart Rate	96	_			TOH PHILIPS ECG	
RR Interval	624				TOH PHILIPS ECG	
Atrial Rate	96				TOH PHILIPS ECG	
PR Interval	154				TOH PHILIPS ECG	
P Duration	100				TOH PHILIPS ECG	
P Horizontal Axis	-7				TOH PHILIPS ECG	
P Front Axis	73				TOH PHILIPS ECG	
Q Onset	499				TOH PHILIPS ECG	
QRSD Interval	90				TOH PHILIPS ECG	
QT Interval	338				TOH PHILIPS ECG	
QTcB	428				TOH PHILIPS ECG	
QTcF	395				TOH PHILIPS ECG	
QRS Horizontal Axis	12				TOH PHILIPS ECG	
QRS Axis	-15				TOH PHILIPS ECG	
I-40 Horizontal Axis	45				TOH PHILIPS ECG	
I-40 Front Axis	7				TOH PHILIPS ECG	
T-40 Horizontal Axis	-18				TOH PHILIPS ECG	
T-40 Front Axis	78				TOH PHILIPS ECG	
T Horizontal Axis	27				TOH PHILIPS ECG	
T Wave Axis	57				TOH PHILIPS ECG	

	S-T Horizontal Axis 4	5			TOH PHILIPS ECG	
	S-T Front Axis 58	8			TOH PHILIPS ECG	
	ECG Severity -	OTHERWISE NORMAL ECG -			TOH PHILIPS ECG	
	18	OHFM/20220930/TRACEMAST 85e35af-659a-4009-b2e0- 5f99a996e68.PDF	ER-		TOH PHILIPS ECG	
	Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Receive	d Time
	Narrative	an attachment that is	not available	26/09/2022 11:10 EDT	U AM	
			not avallable.			
	Authorizing Provider Arif Ali Awan	Result Type ECG ORDERABLES				
	AIII AII Awaii	LCG ONDENABLES				
	Performing Organization	on Address	City/State/ZIP Code	Phone Number		
જ	Care Teams - document	mented as of this encounter				
	Team Member	Relationship	Specialty		Start Date	End Date
	<b>Michel Maalouf</b> 613-731-4770-x3 (Work) 613-731-4979 (Fax)	PCP - General )	Family Me	dicine	3/3/21	
]=	Patient Contacts					
	Contact Name	Contact Address	Communic	cation	Relationship to	Patient
	Diane Wilson	VANIER ON k1l 7v4 CAN	613-748-0	934 (Mobile) 158 (Home) otmail.com	Spouse (Partne Contact	er), Emergency
	Document Infori	mation				
	Primary Care Provider		Other Service	Providers	Document Cov	verage Dates
	<b>Michel Maalouf</b> (Mar. 0 613-731-4770-x3 (Work) 613-731-4979 (Fax) Family Medicine	The state of the s			Sep. 26, 2022	
	Custodian Organization					
	Atlas Alliance K1H 8L6 CAN					
	Encounter Providers				Encounter Date	9
	GEN ECG CARDTECH (A	attending)			Sep. 26, 2022	