

Randall James Wilson

Patient Health Summary, generated on Jan. 31, 2023

	Patient Demographic	: S - Male; born May 16, 1954					
	Patient Address	Communication	Language	Marital Status			
	238 GREENSWAY AVE 2521 OTTAWA ON K1L 7V4 CAN <i>(Home)</i>	613-863-9319 (Mobile) 613-748-0158 (Home) 613-236-3902-x22 (Work) rwilson@premierepropertymgt.com	English - Spoken (Preferred)	Unknown			
	Former (Apr. 15, 2019 - Mar. 30, 2022): 238 GREENSWAY AVE 2521 VANIER ON K1L 7V4 CAN (Home)	Rwilson@premierepropertymgt.com dwils8@hotmail.com					
5	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.						
Æ.	Allergies						

Allergies

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.
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.
amoxicillin-clavulanate (Clavulin) 875-125 mg per tablet (Started 27/12/2022) (Expired)
Take 1 tablet by mouth 2 (two) times a day for 10 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.

Active Problems

No known active problems

Social History

Tobacco Use	Types	Packs/Day	Years Used	Date		
Former Smoker	Cigarettes	0.75	14	Quit: 1986		
Alcohol Use	Standard Drinks/Week	Standard Drinks/Week				
Yes	1 (1 standard drink = 1	1 (1 standard drink = 18 mL pure alcohol)				

Last Filed Vital Signs

Last Theu vital Signs			
Vital Sign	Reading	Time Taken	Comments
Blood Pressure	130/64	26/01/2023 9:02 AM EST	
Pulse	91	26/01/2023 9:02 AM EST	
Temperature	36.6 °C (97.9 °F)	26/01/2023 9:02 AM EST	
Respiratory Rate	18	26/01/2023 9:02 AM EST	
Oxygen Saturation	99%	26/01/2023 9:02 AM EST	
Inhaled Oxygen Concentration	-	-	
Weight	64.5 kg (142 lb 3.2 oz)	04/01/2023 3:11 PM EST	
Height	169 cm (5' 6.54")	28/09/2022 10:27 AM EDT	
Body Mass Index	22.58	28/09/2022 10:27 AM EDT	

Procedures

TRANSTHORACIC ECHO (TTE) COMPLETE (Performed 23/1/2023) TRANSTHORACIC ECHO (TTE) COMPLETE (Performed 24/2/2022)

A Results

GLUCOSE RANDOM - Final result (26/01/2023 9:32 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	- atterogist signature
Specimen (Source)	Anatomical Loo Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown		9:32 AM EST	
Authorizing Provider	Result Type					
James Christopher Worrall	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			

(ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (26/01/2023 9:32 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 v10*0/l		9:49 AM EST	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 -	
					GENERAL	
D	0.04	0.40		0.0 (0.1 (0.000)	SITE	
Basophil	0.04	<=0.10 x10*9/L		26/01/2023 9:49 AM	i he Ottawa	
				EST	HOSPITAL -	
					GENERAL SITE	
Immature Granulocyte	0.03	<=0.10		26/01/2023	THE	
		x10*9/L		9:49 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			City/State/ZIP Code	Phone Numl	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
	Jt (20 /01 /202)					
CREATININE - Final resu	uit (26/01/2023	Ref	EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	77	62 - 100		26/01/2023	THE	
		umol/L		10:13 AM EST	ottawa Hospital -	
				LUI	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
			UTIKHUWH			
Authorizing Provider	Result Type					
James Christopher Worrall	LAB BLOOD OF	RDERABLES				
wonan						
Performing Organization			City/State/ZIP Code	Phone Numl	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
(ABNORMAL) CBC (INCL		TIAL) . Ei	al result (26/01/2022 0-3	22 AM ECT)		
		Ref	ai result (20/01/2023 9::	Analysis	Performed	
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	
МСН	29.2	27.0 - 34.0 pg		26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
МСНС	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 Lo	cation /	Collection Method /	Collection Ti	me	Received Time

Specimen (Source)

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 OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	ber	
THE OTTAWA HOSPITAL - GENERAL SITE		nd	Ottawa, K1H 8L6			
BUN (UREA) - Final resu	ılt (26/01/2023		EST)			
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	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loo 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	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			
(ABNORMAL) ELECTROLY	TE PANEL (ELE	CTROLYTES Ref	5) - Final result (26/01/20)23 9:32 AM E Analysis	ST) 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	

SITE

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)	Laterality	Blood Collection /		26/01/2023 9:43 AM EST		
		Unknown	20/01/2023 3.32 / 10/ 231			
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 CONTRA	AST - Final result (25/01) Laterality					
Anatomical Region Pelvis	Laterailty	Modality Computed	Tomography			
		compated	lennegraphy			
	Anatomical Location /	Collection Method /	Callestian Time	Dessived Times		
Specimen (Source)	Laterality	Volume	Collection Time 30/01/2023 8:30 PM EST	Received Time		
			50,01,2023 0.50 111 251			
Impressions	0/01/2023 8:33 PM E					
	ion: rads@toh.ca 0/01/2023 8:33 PM E ITH INTRAVENOUS CONTRAS					
INDICATION: Male, 68	years old. 68yr old ma	le HNSCC-baseline resu	lts for initiation of c	linical trial		
Template version 17.02	2.02	ed. Satisfactory porta	l venous phase; routine	image protocol.		
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. 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.						
Procedure Note						
0	30/01/2023 ight be different from the of /ITH INTRAVENOUS CONTI	0				

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.

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		
ATL POWERSCRIBE					
CT CHEST W IV CONTRA	AST - Final result (25/0	1/2023 7:39 PM EST)			
Anatomical Region	Laterality	Modality			
Chest		,	Tomography		
			9.44.9		
	Anatomical Location /	Collection Method /			
Specimen (Source)	Laterality	Volume	Collection Time	Received Time	
			20/01/2022 7 44 514		
			30/01/2023 7:44 PM E	EST	
			30/01/2023 7:44 PM E	ST	
Impressions			30/01/2023 7:44 PM E	EST	

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.

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

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.

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		Compute	d Tomography	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			30/01/2023 8:30 PM	EST
Impressions				
ATL POWERSCRIBE - 1. Interval size in	- 30/01/2023 8:33 PM crease of known metasta	EST tic liver lesion as de	escribed above.	
For report clarific	ation: rads@toh.ca			
Narrative				
	- 30/01/2023 8:33 PM WITH INTRAVENOUS CONTR			
INDICATION: Male, 6	8 years old. 68yr old m	ale HNSCC-baseline res	sults for initiation	of clinical trial
TECHNIQUE: Oral con Template version 17 COMPARISON: Decembe		red. Satisfactory port	cal venous phase; rou	tine image protocol.
in segment 6 measur	M (liver, pancreas, bil es currently 7 cm image lesion is identified.	other than 18 series	601 compared to 4.8	solid cystic lesion seen cm on the prior pancreas appears
GASTROINTESTINAL TR	ACT (stomach & bowel): n without evidence of d		che stomach and small	bowel loops. Diverticular
GENITOURINARY SYSTE	M (KUB, adrenals & repr	oductive organs): Dif		nal glands bilaterally. 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.

Procedure Note

Wael Mansour Shabana - 30/01/2023

Formatting of this note might be different from the original. 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.

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
ATL POWERSCRIBE			

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 Region	Lateralit	у	Modality			
			Ultrasound			
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
				23/01/2023	3:02 PM EST	
Narrative						
This result has an	attachment	that is	not available.			

Authorizing Provider	Result Type			
John Frederick Hilton	CV ECHO PROCEDURES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
ATL XCELERA MUSE MCKESSON				
		1, (22, (21, (2022, 2, 2, 6, 6)		
US GUIDED NEEDLE BIC			A EST)	
Anatomical Region	Laterality N/A	Modality Ultrasound	4	
			A	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
specifien (source)	Laterality	volume	23/01/2023 2:37 PM E	
Narrative				
ATL POWERSCRIBE - 2 ULTRASOUND-GUIDED BIO		EST		
Procedure Code Z 405				
The patient agreed to	the procedure after cations including tha ere answered.	he Ottawa Hospital pro receiving explanation t of bleeding requirin	of the method and aft	by the admitting nurse. Ser hearing of the gical management. The
		thesia with bicarbonat	e buffer to overlying	n parietal tissues.
No sedation was requi				
TARGET OF BIOPSY: En] NEEDLE APPROACH: Righ NEEDLE TYPE: Super Co # OF NEEDLE PASSES: 5	years old. Research ba arged right axillary t anterior axillary re 18 G , 22 mm throw	aseline biopsy BMS CAO lymph node		
The specimen was rece research protocol.	ived by a histopathol	ogy technologist in th	e procedure room, to	be handled according to
COMPLICATIONS: None. POSTBIOPSY OBSERVATIO DISCHARGE INSTRUCTION of any Hospital if th	S: Printed instruction	ns were provided. The ction or significant b	patient should attend leeding.	d the emergency department
Yashmin Nisha, Abdomi	nal Imaging Fellow			
For report clarificat	ion: rads@toh.ca			
Procedure Note				
Matthew Donald Fernan				
Formatting of this note m ULTRASOUND-GUIDED BI		original.		
Procedure Code Z 405				
The patient agreed to the	e procedure after receiving requiring transfusion or	awa Hospital protocol and g explanation of the metho surgical management. The	od and after hearing of th	ne possibility of complications

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

Authorizing Provider	Result Type		
John Frederick Hilton	IMG US PROCEDURES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
ATL POWERSCRIBE			

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

		Ref	court (10, 01, 2020 1.00 1	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	
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)	Anatomical L Laterality	ocation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	23/01/2023	1:00 PM EST	23/01/2023 1:23 PM EST

Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD O	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Numl	oer	
THE OTTAWA HOSPITAL -		ad	Ottawa, K1H 8L6			
GENERAL SITE	,					
CREATININE - Final resu	ılt (23/01/202	3 1·00 PM	FST)			
	Ref		LJT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	77	62 - 100		23/01/2023		
		umol/L		2:01 PM EST	ottawa Hospital -	
				201	GENERAL	
					SITE	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality	cationy	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 ORDERABLES					
Vickers						
Derforming Organization	Astalassa		City/State/7ID Code	Phone Numl	oor	
Performing Organization THE OTTAWA HOSPITAL -		he	City/State/ZIP Code Ottawa, K1H 8L6	Phone Numi	Jei	
GENERAL SITE	Sor Sinyth Kor	uu				
(ABNORMAL) CBC (INCL) - Final result (23/01/2)	023 1·00 PM F	ST)	
(Ref	,,	Analysis	Performed	
· · ·	Value		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	
		X10 9/L		EST	HOSPITAL -	
					GENERAL	
	2 - 2 - (1)	4.00		22 (24 (2222)	SITE	
RBC	3.53 (L)	4.00 - 5.50		23/01/2023 1:31 PM	the Ottawa	
		x10*12/L		EST	HOSPITAL -	
					GENERAL	
llah	104 (1)	125 - 170		22/01/2022	SITE	
Hgb	104 (L)	125 - 170 g/L		23/01/2023 1:31 PM	the Ottawa	
		<i>.</i> ,		EST	HOSPITAL -	
					GENERAL	
Hct	0.329 (L)	0.380 -		23/01/2023	SITE	
Thet	0.329 (L)	0.500 L/L		1:31 PM	OTTAWA	
				EST	HOSPITAL -	
					GENERAL SITE	
MCV	93.2	80.0 -		23/01/2023	THE	
	50.L	100.0 fL		1:31 PM	OTTAWA	
				EST	HOSPITAL -	
					GENERAL SITE	
МСН	29.5	27.0 -		23/01/2023	THE	
		34.0 pg		1:31 PM	OTTAWA	

				EST	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 Loo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	23/01/2023	1:00 PM EST	23/01/2023 1:23 PM EST
Authorizing Provider Michael MacDonald Vickers	Result Type	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			
ALT - Final result (23/01		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	17	12 - 49 U/L		23/01/2023 2:01 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimer (Course)	Anatomical Loo	cation /	Collection Method /			Dessived Time
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume Blood Collection /	Collection Ti	me 1:00 PM EST	Received Time 23/01/2023 1:23 PM EST
			Unknown	,, 2020		.,,

Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	DERABLES				
Performing Organization	Addross		City/State/ZIP Code	Phone Num	oor	
THE OTTAWA HOSPITAL -		d	Ottawa, K1H 8L6	FIIONE NUM		
GENERAL SITE						
TSH - Final result (23/01	1/2023 1:00 PN	/I EST) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
TSH	2.32	0.27 - 4.20 mIU/L		23/01/2023 2:01 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	23/01/2023	1:00 PM EST	23/01/2023 1:23 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			
ALKALINE PHOSPHATA		Ref		Analysis	Performed	
· · · · · · · · · · · · · · · · · · ·	Value		Test Method	Time	At	Pathologist Signature
ALP	73	50 - 112 U/L		23/01/2023 2:01 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Time		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown			23/01/2023 1:23 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE		d	Ottawa, K1H 8L6			
(ABNORMAL) MAGNESIU	M - Final result	(23/01/20 Ref	23 1:00 PM EST)	Apolycia	Performed	
Component	Value	Range	Test Method	Analysis 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	ration /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Time		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	23/01/2023	1:00 PM EST	23/01/2023 1:23 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	DERABLES				
Performing Organization			City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road		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	
Specimen (Source)	Anatomical Location / Laterality		Collection Method / Volume	Collection Time		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	23/01/2023 1:00 PM EST		23/01/2023 1:23 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			
BILIRUBIN, TOTAL - Fina	al result (23/01,	/2023 1:00 Ref) PM EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	5	<=15 umol/L		23/01/2023 2:01 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	23/01/2023	1:00 PM EST	23/01/2023 1:23 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL -		d	Ottawa, K1H 8L6			

THE OTTAWA HOSPITAL -501 Smyth RoadOttawa, K1H 8L6GENERAL SITEOttawaOttawa

PHOSPHATE - Final res	ult (04/01/202	3 3:00 PM	EST)			
Course 1		Ref		Analysis	Performed	Dath data in Circuit
Component	Value	Range	Test Method	Time	At	Pathologist Signature
PO4	1.14	0.78 - 1.38 mmol/L		04/01/2023 3:43 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	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	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Ro	ad	Ottawa, K1H 8L6			
GLUCOSE RANDOM - F		Ref		Analysis ~	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	9.8	4.0 - 11.0 mmol/L		04/01/2023 3:43 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Lateranty		Blood Collection /			04/01/2023 3:13 PM EST
			Unknown			
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	501 Smyth Ro	ad	Ottawa, K1H 8L6			
AUTOMATED DIFFEREN	NTIAL - Final re	esult (04/0 Ref	1/2023 3:00 PM EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	6.43	2.00 - 7.50 x10*9/L		04/01/2023 3:26 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Lymphocyte	1.40	0.80 - 3.50 x10*9/L		04/01/2023 3:26 PM EST	THE OTTAWA HOSPITAL -	
					GENERAL SITE	

					SITE	
Eosinophil	0.05	<=0.50		04/01/2023	THE	
		x10*9/L		3:26 PM	OTTAWA	
				EST	HOSPITAL - GENERAL	
					SITE	
Basophil	0.04	<=0.10		04/01/2023	THE	
		x10*9/L		3:26 PM	OTTAWA	
				EST	HOSPITAL - GENERAL	
					SITE	
Immature Granulocyte	0.03	<=0.10		04/01/2023	THE	
		x10*9/L		3:26 PM EST	ottawa Hospital -	
				LJI	GENERAL	
					SITE	
	Anatomical Loc	sation /	Collection Method /			
Specimen (Source)	Laterality	.ation /	Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection /	04/01/2023	3:00 PM EST	04/01/2023 3:14 PM EST
			Unknown			
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR					
Performing Organization		-1	City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	a	Ottawa, K1H 8L6			
CREATININE - Final resu	ult (04/01/2023		EST)	Arealis	Deufeurered	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	84	62 - 100		04/01/2023		
		umol/L		3:43 PM	OTTAWA	
				EST	HOSPITAL - GENERAL	
					SITE	
	A					
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection /		3:00 PM EST	
			Unknown			
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR					
Performing Organization			City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa		Ottawa, K1H 8L6			
GLINERAL SHE	001 0	d				
	201 D	d				
	-					
(ABNORMAL) CBC (INCL	-	TIAL) - Fin			Dorformed	
	-	TIAL) - Fin Ref		0 PM EST) Analysis Time	Performed At	Pathologist Signature
(ABNORMAL) CBC (INCL) Component WBC	JDES DIFFEREN	TIAL) - Fin Ref Range 3.5 - 10.5	al result (04/01/2023 3:00	Analysis Time 04/01/2023	At THE	Pathologist Signature
Component	JDES DIFFEREN Value	TIAL) - Fin Ref Range	al result (04/01/2023 3:00	Analysis Time 04/01/2023 3:26 PM	At THE OTTAWA	Pathologist Signature
Component	JDES DIFFEREN Value	TIAL) - Fin Ref Range 3.5 - 10.5	al result (04/01/2023 3:00	Analysis Time 04/01/2023	At THE OTTAWA HOSPITAL -	Pathologist Signature
Component	JDES DIFFEREN Value	TIAL) - Fin Ref Range 3.5 - 10.5	al result (04/01/2023 3:00	Analysis Time 04/01/2023 3:26 PM	At THE OTTAWA	Pathologist Signature
Component	JDES DIFFEREN Value	TIAL) - Fin Ref Range 3.5 - 10.5	al result (04/01/2023 3:00	Analysis Time 04/01/2023 3:26 PM	At THE OTTAWA HOSPITAL - GENERAL	Pathologist Signature

Hgb 104 (L) 125 - 170 g/L 04/01/2023 325 PM EST THE ST MAA HOSPTAL- STE Hct 0.332 (L) 0.380 - 0.500 L/L 04/01/2023 325 PM EST THE ST MAA HOSPTAL- STE MCV 92.5 80.0 - 100.0 fL 04/01/2023 326 PM STE THE ST MAA HOSPTAL- STE MCH 29.0 27.0 - 34.0 pg 04/01/2023 325 PM STE THE OTTAWA HOSPTAL- STE MCH 29.0 315 - 355 g/L 04/01/2023 326 PM STE THE OTTAWA HOSPTAL- STE MCHC 313 (L) 315 - 355 g/L 04/01/2023 326 PM STE THE OTTAWA HOSPTAL- STE MCHC 478 (H) 11.5 - 15.5 % 04/01/2023 326 PM STE THE OTTAWA HOSPTAL- GENERAL STE PLT 478 (H) 130 - 380 tL 04/01/2023 326 PM STE THE OTTAWA HOSPTAL- GENERAL STE NREC # 0.00 <-0.00 tL 010/01/2023 326 PM STE THE OTTAWA HOSPTAL- GENERAL STE NREC # 0.00 <-0.00 tL 04/01/2023 326 PM STE THE OTTAWA HOSPTAL- GENERAL STE NREC # 0.00 <-0.00 tL 04/01/2023 326 PM HOSPTAL- GENERAL STE THE OTTAWA HOSPTAL- GENERAL STE	g/L 3:26 PM Hct 0.332 (L) 0.380 - MCV 92.5 80.0 - MCV 92.5 80.0 - MCH 29.0 27.0 - MCH 313 (L) 315 - 355 04/01/ MCHC 313 (L) 315 - 355 04/01/	M OTTAWA HOSPITAL - GENERAL SITE 2023 THE M OTTAWA HOSPITAL -
MCV 92.5 80.0 - 100.0 fL 326 PM EST OTAWA HOSPITAL - GENERAL ST E MCV 92.5 80.0 - 100.0 fL 32.6 PM ST E THE OTAWA HOSPITAL - GENERAL ST E MCH 29.0 27.0 - 34.0 pg 34.0 pg 32.6 PM ST E OTAWA HOSPITAL - GENERAL ST E MCHC 313 (L) 315 - 355 g/L 04/01/2023 g/L THE OTAWA HOSPITAL - GENERAL ST E RDW:CV 16.5 (H) 11.5 - 15.5 % 04/01/2023 ST E THE OTAWA HOSPITAL - GENERAL ST E PLT 478 (H) 130 - 380 x10 '9/L 04/01/2023 ST E THE OTAWA HOSPITAL - GENERAL ST E MPV 8.5 (L) 9.0 - 14.0 fL 04/01/2023 x10 '9/L THE OTAWA HOSPITAL - GENERAL ST E MPV 8.5 (L) 9.0 - 14.0 fL 04/01/2023 x10 '9/L THE OTAWA HOSPITAL - GENERAL ST E MPV 8.5 (L) 9.0 - 14.0 fL 04/01/2023 x10 '9/L THE OTAWA HOSPITAL - GENERAL ST E NRBC # 0.00 x10 '9/L 2.6 PM x10 '9/L 0.7 WA S2.6 PM S2.6 PM S2.6 PM S2.6 PM S2.6 PM S1.6 CH OTAWA HOSPITAL - GENERAL ST E NRBC # 0.00 x10 '9/L 2.6 PM x10 '9/L 0.7 WA X10 '9/L 0.7 WA X10 '9/L	MCV 92.5 80.0 - 100.0 fL 04/01/ 3:26 PM EST MCV 92.5 80.0 - 100.0 fL 04/01/ 3:26 PM EST MCH 29.0 27.0 - 34.0 pg 04/01/ 3:26 PM EST MCHC 313 (L) 315 - 355 g/L 04/01/ 3:26 PM	M OTTAWA HOSPITAL -
100.0 fL 3.26 PM EST OTTAWA HOSPITAL - GENERAL SITE MCH 29.0 27.0 - 34.0 pg 04/01/2023 THE OTTAWA EST OTTAWA HOSPITAL - GENERAL SITE MCHC 313 (L) 315 - 355 g/L 04/01/2023 THE OTTAWA EST OTTAWA HOSPITAL - GENERAL SITE RDW:CV 16.5 (H) 11.5 - 15.5 % 04/01/2023 THE OTTAWA EST OTTAWA HOSPITAL - GENERAL SITE PLT 478 (H) 130 - 380 x10°g/L 04/01/2023 THE OTTAWA EST OTTAWA HOSPITAL - GENERAL SITE PLT 478 (H) 130 - 14.0 fL 04/01/2023 THE OTTAWA EST OTTAWA HOSPITAL - GENERAL SITE NRBC # 0.00 <=0.00 x10°g/L 04/01/2023 THE OTTAWA EST OTTAWA HOSPITAL - GENERAL SITE NRBC # 0.00 <=0.00 x10°g/L 04/01/2023 THE OTTAWA EST OTTAWA HOSPITAL - GENERAL SITE NRBC # 0.0 /100WBC 04/01/2023 THE HOSPITAL - GENERAL SITE NRBC # 0.0 /100WBC 04/01/2023 THE HOSPITAL - GENERAL SITE	100.0 fL 3:26 Ph MCH 29.0 27.0 - 04/01/ 34.0 pg 3:26 Ph 55 Ph MCHC 313 (L) 315 - 355 04/01/ MCHC 313 (L) 315 - 355 04/01/	
34.0 pg 3:26 PM EST OTTAWA HOSPITAL - GENERAL SITE MCHC 313 (L) 315 - 355 g/L 04/01/2023 SITE THE 3:26 PM OTTAWA EST OTTAWA HOSPITAL - GENERAL SITE RDW:CV 16.5 (H) 11.5 - 15.5 % 04/01/2023 SITE THE 3:26 PM OTTAWA EST OTTAWA HOSPITAL - GENERAL SITE PLT 478 (H) 130 - 380 x10°9/L 04/01/2023 3:26 PM SITE THE OTTAWA EST OTTAWA HOSPITAL - GENERAL SITE MPV 8.5 (L) 9.0 - 14.0 fL 04/01/2023 3:26 PM SITE THE OTTAWA EST OTTAWA HOSPITAL - GENERAL SITE NRBC # 0.00 <=0.00 x10°9/L 04/01/2023 3:26 PM SITE THE OTTAWA EST HOSPITAL - GENERAL SITE NRBC # 0.00 <=0.00 x10°9/L 04/01/2023 3:26 PM SITE THE OTTAWA EST HOSPITAL - GENERAL SITE NRBC # 0.00 <=0.00 x10°9/L 04/01/2023 3:26 PM SITE THE OTTAWA EST THE HOSPITAL - GENERAL SITE NRBC # 0.00 <100WBC	34.0 pg 3:26 Pr MCHC 313 (L) 315 - 355 04/01// g/L 3:26 Pr	M OTTAWA HOSPITAL - GENERAL
g/L 3:26 PM EST OTTAWA HOSPITAL - GENERAL SITE RDW:CV 16.5 (H) 11.5 - 15.5 % 04/01/2023 SITE THE OTTAWA EST PLT 478 (H) 130 - 380 x10*9/L 04/01/2023 SITE THE OTTAWA EST PLT 478 (H) 130 - 380 x10*9/L 04/01/2023 SITE THE OTTAWA EST MPV 8.5 (L) 9.0 - 14.0 fL 04/01/2023 SITE THE OTTAWA EST NRBC # 0.00 <=0.00 x10*9/L 04/01/2023 SITE THE OTTAWA EST NRBC # 0.00 <=0.00 x10*9/L 3:26 PM SITE OTTAWA EST NRBC # 0.0 /100WBC 04/01/2023 X10*9/L THE OTTAWA EST nRBC/100 WBC 0.0 /100WBC 04/01/2023 X10*9/L THE OTTAWA EST	g/L 3:26 PM	M OTTAWA HOSPITAL - GENERAL
15.5 %3:26 PM ESTOTTAWA HOSPITAL - GENERAL SITEPLT478 (H)130 - 380 x10*9/L04/01/2023 3:26 PM FILTHE OTTAWA HOSPITAL - GENERAL SITEMPV8.5 (L)9.0 - 14.0 fL04/01/2023 3:26 PM FIL04/01/2023 GENERAL SITENRBC #0.00<=0.00 x10*9/L04/01/2023 SITETHE OTTAWA ESTNRBC #0.00<=0.00 x10*9/L04/01/2023 SITETHE OTTAWA ESTNRBC #0.00<=0.00 x10*9/L04/01/2023 SITETHE OTTAWA ESTNRBC #0.00<=0.00 x10*9/L04/01/2023 SITETHE OTTAWA ESTNRBC #0.00/100WBC04/01/2023 SITETHE OTTAWA HOSPITAL - GENERAL SITENRBC/100 WBC0.0/100WBC04/01/2023 FIETHE OTTAWA HOSPITAL - GENERAL SITE		M OTTAWA HOSPITAL - GENERAL
x10*9/L3:26 PM ESTOTTAWA HOSPITAL - GENERAL SITEMPV8.5 (L)9.0 - 14.0 fL04/01/2023 3:26 PM LTHE OTTAWA ESTOTTAWA HOSPITAL - GENERAL SITENRBC #0.00<=0.00 x10*9/L04/01/2023 SITETHE OTTAWA ESTOTTAWA HOSPITAL - GENERAL SITENRBC /100 WBC0.0/100WBC04/01/2023 SITETHE OTTAWA HOSPITAL - GENERAL SITENRBC/100 WBC0.0/100WBC04/01/2023 SITETHE HE HOSPITAL - GENERAL SITE	15.5 % 3:26 PM	M OTTAWA HOSPITAL - GENERAL
fL3:26 PM ESTOTTAWA HOSPITAL - GENERAL SITENRBC #0.00<=0.00 x10*9/L04/01/2023 3:26 PM ESTTHE OTTAWA EST SITENRBC/100 WBC0.0/100WBC04/01/2023 SITETHE OTTAWA EST SITENRBC/100 WBC0.0/100WBC04/01/2023 SITETHE OTTAWA EST SITENRBC/100 WBC0.0/100WBC04/01/2023 SITETHE HOSPITAL - GENERAL SITENRBC/100 WBC0.0/100WBC04/01/2023 SITETHE SITENRBC/100 WBC <td>x10*9/L 3:26 PM</td> <td>M OTTAWA HOSPITAL - GENERAL</td>	x10*9/L 3:26 PM	M OTTAWA HOSPITAL - GENERAL
x10*9/L 3:26 PM EST OTTAWA HOSPITAL - GENERAL SITE nRBC/100 WBC 0.0 /100WBC 04/01/2023 S126 PM EST THE OTTAWA EST Size PM GENERAL SITE OTTAWA HOSPITAL - GENERAL	fL 3:26 PM	M OTTAWA HOSPITAL - GENERAL
3:26 PM OTTAWA EST HOSPITAL - GENERAL	x10*9/L 3:26 PM	M OTTAWA HOSPITAL - GENERAL
	3:26 PI	M OTTAWA HOSPITAL - GENERAL
Anatomical Location / Collection Method /		
Specimen (Source) Laterality Volume Collection Time Received Time Blood (Blood, Venous) Blood Collection / Unknown 04/01/2023 3:00 PM EST 04/01/2023 3:14 PM EST	Blood (Blood, Venous) Blood Collection / 04/01/2	
Authorizing Provider Result Type	Authorizing Provider Result Type	
···· · · · · · · · · · · · · · · · · ·	Arif Ali Awan LAB BLOOD ORDERABLES	

Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL -	501 Smyth Roa	d	Ottawa, K1H 8L6			
GENERAL SITE						
BUN (UREA) - Final resu	ult (04/01/2023	3:00 PM	EST)			
Commonst	Value	Ref	Test Mathead	Analysis	Performed	Dathala aist Ciscature
Component Urea	Value 4.5	Range 3.3 - 8.9	Test Method	Time 04/01/2023	At	Pathologist Signature
Ulea	т .Ј	mmol/L		3:43 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Lateranty		Blood Collection /			04/01/2023 3:13 PM EST
(, ·)			Unknown			
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR					
Performing Organization THE OTTAWA HOSPITAL -		4	City/State/ZIP Code Ottawa, K1H 8L6	Phone Numb	oer	
GENERAL SITE	эөт эшуш көа	u	Ullawa, NIN OLO			
ALT - Final result (04/01		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	
	Anatomical Loc	ation /	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 OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
THE OTTAWA HOSPITAL -	501 Smyth Roa	d	Ottawa, K1H 8L6			
GENERAL SITE	-					
AST - Final result (04/01	1/2023 3:00 PM	1 EST) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
AST	21	12 - 29 U/L		04/01/2023 3:43 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Blood Collection /	04/01/2023	3:00 PM EST	04/01/2023 3:13 PM EST

			Unknown			
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL -		d	Ottawa, K1H 8L6			
GENERAL SITE						
SODIUM - Final result (04/01/2023 3:0)	A 1 *		
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Sodium	139	136 - 144		04/01/2023	THE	
		mmol/L		3:43 PM EST	ottawa Hospital -	
					GENERAL	
					SITE	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume Blood Collection /	Collection Ti		Received Time 04/01/2023 3:13 PM EST
			Unknown	04/01/2023	5.00 FIVI L31	04/01/2023 3.13 FW L31
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization THE OTTAWA HOSPITAL -		d	City/State/ZIP Code Ottawa, K1H 8L6	Phone Numb	Der	
GENERAL SITE	So'r Siffyth Roa	u				
(ABNORMAL) PROTEIN T	OTAL - Final res		2023 3:00 PM EST)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Protein Total	77 (H)	63 - 75				
		05 - 15		04/01/2023	THE	
		g/L		3:43 PM	OTTAWA	
					ottawa Hospital - General	
				3:43 PM	ottawa Hospital -	
	Anatomical Loc	g/L	Collection Method /	3:43 PM EST	OTTAWA HOSPITAL - GENERAL SITE	<u> </u>
Specimen (Source)	Anatomical Loc Laterality	g/L	Volume	3:43 PM EST Collection Ti	OTTAWA HOSPITAL - GENERAL SITE	Received Time
Specimen (Source) Blood (Blood, Venous)		g/L		3:43 PM EST Collection Ti	OTTAWA HOSPITAL - GENERAL SITE	<u> </u>
Blood (Blood, Venous)	Laterality	g/L	Volume Blood Collection /	3:43 PM EST Collection Ti	OTTAWA HOSPITAL - GENERAL SITE	Received Time
· · · · · · · · · · · · · · · · · · ·		g/L ation /	Volume Blood Collection /	3:43 PM EST Collection Ti	OTTAWA HOSPITAL - GENERAL SITE	Received Time
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan	Laterality Result Type LAB BLOOD OR	g/L ation /	Volume Blood Collection / Unknown	3:43 PM EST Collection Ti 04/01/2023 3	OTTAWA HOSPITAL - GENERAL SITE me 3:00 PM EST	Received Time
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization	Laterality Result Type LAB BLOOD OR Address	g/L ation / DERABLES	Volume Blood Collection / Unknown City/State/ZIP Code	3:43 PM EST Collection Ti	OTTAWA HOSPITAL - GENERAL SITE me 3:00 PM EST	Received Time
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan	Laterality Result Type LAB BLOOD OR Address	g/L ation / DERABLES	Volume Blood Collection / Unknown	3:43 PM EST Collection Ti 04/01/2023 3	OTTAWA HOSPITAL - GENERAL SITE me 3:00 PM EST	Received Time
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization THE OTTAWA HOSPITAL -	Laterality Result Type LAB BLOOD OR Address	g/L ation / DERABLES	Volume Blood Collection / Unknown City/State/ZIP Code	3:43 PM EST Collection Ti 04/01/2023 3	OTTAWA HOSPITAL - GENERAL SITE me 3:00 PM EST	Received Time
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization THE OTTAWA HOSPITAL -	Laterality Result Type LAB BLOOD OR Address 501 Smyth Roa	g/L ation / DERABLES d	Volume Blood Collection / Unknown City/State/ZIP Code Ottawa, K1H 8L6	3:43 PM EST Collection Ti 04/01/2023 3	OTTAWA HOSPITAL - GENERAL SITE me 3:00 PM EST	Received Time
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE POTASSIUM - Final resu	Laterality Result Type LAB BLOOD OR Address 501 Smyth Roa	g/L ation / DERABLES d 3:00 PM E Ref	Volume Blood Collection / Unknown City/State/ZIP Code Ottawa, K1H 8L6	3:43 PM EST Collection Ti 04/01/2023 3 Phone Numb	OTTAWA HOSPITAL - GENERAL SITE 3:00 PM EST	Received Time 04/01/2023 3:13 PM EST
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE POTASSIUM - Final resu Component	Laterality Result Type LAB BLOOD OR Address 501 Smyth Roa Ilt (04/01/2023 Value	g/L ation / DERABLES d 3:00 PIM E Ref Range	Volume Blood Collection / Unknown City/State/ZIP Code Ottawa, K1H 8L6	3:43 PM EST Collection Ti 04/01/2023 : Phone Numb Analysis Time	OTTAWA HOSPITAL - GENERAL SITE 3:00 PM EST Der Performed At	Received Time
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE POTASSIUM - Final resu	Laterality Result Type LAB BLOOD OR Address 501 Smyth Roa	g/L ation / DERABLES d 3:00 PM E Ref	Volume Blood Collection / Unknown City/State/ZIP Code Ottawa, K1H 8L6	3:43 PM EST Collection Ti 04/01/2023 : Phone Numb Phone Numb Analysis Time 04/01/2023 3:43 PM	OTTAWA HOSPITAL - GENERAL SITE 3:00 PM EST Der Der Performed At THE OTTAWA	Received Time 04/01/2023 3:13 PM EST
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE POTASSIUM - Final resu Component	Laterality Result Type LAB BLOOD OR Address 501 Smyth Roa Ilt (04/01/2023 Value	g/L ation / DERABLES d 3:00 PM E Ref Range 3.5 - 5.1	Volume Blood Collection / Unknown City/State/ZIP Code Ottawa, K1H 8L6	3:43 PM EST Collection Ti 04/01/2023 : Phone Numb Phone Numb Analysis Time 04/01/2023	OTTAWA HOSPITAL - GENERAL SITE 3:00 PM EST Der Der Performed At THE	Received Time 04/01/2023 3:13 PM EST

SITE

	A					
Specimen (Source)	Anatomical Loo Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	_		Blood Collection /	04/01/2023	3:00 PM EST	04/01/2023 3:13 PM EST
			Unknown			
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL -	501 Smyth Roa	nd	Ottawa, K1H 8L6			
GENERAL SITE						
ALKALINE PHOSPHATA	SE - Final resu	•	2023 3:00 PM EST)	Anglusia	Deufeuneed	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	75	50 - 112		04/01/2023		
		U/L		3:43 PM	OTTAWA	
				EST	HOSPITAL - GENERAL	
					SITE	
	Anatomical Loo	cation /	Collection Method /	Colloction T		Dessived Times
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume Blood Collection /	Collection Ti	me 3:00 PM EST	Received Time 04/01/2023 3:13 PM EST
			Unknown	04/01/2023	5.00 FIVI EST	04/01/2023 3.13 FIVE 231
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF					
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL -	501 Smyth Roa	nd	Ottawa, K1H 8L6			
GENERAL SITE						
		(0.4.(0.1.(2.0	22.2.00 PM ECT)			
(ABNORMAL) MAGNESIU	vivi - Final result	Ref	23 5:00 PIVI EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Magnesium	0.64 (L)	0.66 -		04/01/2023	THE	
		1.07		3:43 PM	OTTAWA	
		mmol/L		EST	HOSPITAL - GENERAL	
					SITE	
Specimen (Source)	Anatomical Loo	cation /	Collection Method / Volume	Collection Ti	200	Received Time
Specimen (Source) Blood (Blood, Venous)	Laterality		Blood Collection /		3:00 PM EST	04/01/2023 3:13 PM EST
			Unknown	04/01/2023	5.00 1 101 251	04/01/2023 3.13 1 W L31
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	KDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL -	501 Smyth Roa	nd	Ottawa, K1H 8L6			
GENERAL SITE						
(ABNORMAL) CHLORIDE	- Final result (0	4/01/2023	3:00 PM EST)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	Δ+	Pathologist Signature

Analysis Time Ref Value Pathologist Signature Range Test Method Component At

Chloride	97 (L)	98 - 107 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	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	DERABLES				
Performing Organization			City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			
(ABNORMAL) CO2 TOTAL	. (TOTAL CO2) -	Final resul	lt (04/01/2023 3:00 PM E	ST)		
C		Ref	T (N (1)	Analysis	Performed	
Component Total CO2	Value	Range 19 - 30	Test Method	Time	At	Pathologist Signature
Total CO2	33 (H)	mmol/L		04/01/2023 3:43 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	04/01/2023		04/01/2023 3:13 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	DERABLES				
Performing Organization			City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			
CALCIUM - Final result (Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Calcium	2.35	2.24 - 2.58 mmol/L		04/01/2023 3:43 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		3:00 PM EST	04/01/2023 3:13 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE		d	Ottawa, K1H 8L6			

BILIRUBIN, TOTAL - Fina	al result (04/0		0 PM EST)			
Comment	\ / - I	Ref	Test Marthal	Analysis	Performed	De the Leville City
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L		04/01/2023 3:43 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical L	ocation /	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 (ORDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Ro	bad	Ottawa, K1H 8L6			
(ABNORMAL) ALBUMIN	- Final result ((3:00 PM EST)	Applusie	Performed	
Component	Value	Ref Range	Test Method	Analysis Time	At	Pathologist Signature
Albumin	37 (L)	39 - 47 g/L	Test Method	04/01/2023 3:43 PM	THE	
		J		EST	HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical L Laterality	ocation /	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 (ORDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	oer	
THE OTTAWA HOSPITAL - GENERAL SITE		bad	Ottawa, K1H 8L6			
PHOSPHATE - Final rest	ult (19/12/20 Value	Ref	M EST) Test Method	Analysis Time	Performed At	Pathologist Signature
PO4	1.12	Range 0.78 -	Test Method	19/12/2022		
P04	1.12	1.38 mmol/L		12:05 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical L Laterality	ocation /	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 (JKDERABLES				

Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL -		d	Ottawa, K1H 8L6			
GENERAL SITE						
GLUCOSE RANDOM - F	inal result (19/	12/2022 1	10:54 AM EST)			
		Ref		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	OTTAWA HOSPITAL - GENERAL	
					SITE	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Lateranty		Blood Collection /	19/12/2022		19/12/2022 11:27 AM
(,,			Unknown	EST		EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR					
Performing Organization THE OTTAWA HOSPITAL -		d	City/State/ZIP Code Ottawa, K1H 8L6	Phone Numb	oer	
GENERAL SITE	SUT Smyth Roa	a	Ollawa, KTH ölö			
(ABNORMAL) AUTOMAT		\I - Final r	ecult (19/12/2022 10·54)	AM FST)		
		Ref	esuit (15/12/2022 10.54)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	3.79	2.00 - 7.50 x10*9/L		19/12/2022 11:47 AM EST	The Ottawa Hospital -	
					GENERAL SITE	
Lymphocyte	0.56 (L)	0.80 - 3.50		19/12/2022 11:47 AM	THE OTTAWA	
		3.50 x10*9/L		EST	HOSPITAL -	
		/			GENERAL SITE	
Monocyte	0.75	0.10 -		19/12/2022		
		1.00 x10*9/L		11:47 AM EST	ottawa Hospital -	
		/ -			GENERAL SITE	
Eosinophil	0.03	<=0.50		19/12/2022	THE	
		x10*9/L		11:47 AM EST	ottawa Hospital -	
					GENERAL	
Pacanhil	0.03	<=0.10		10/12/2022	SITE	
Basophil	0.05	<=0.10 x10*9/L		19/12/2022 11:47 AM	OTTAWA	
				EST	HOSPITAL -	
					GENERAL SITE	
Immature Granulocyte	0.01	<=0.10		19/12/2022	THE	
		x10*9/L		11:47 AM EST	ottawa Hospital -	
				ESI	GENERAL	
					SITE	

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	Address		City/State/ZIP Code	Phone Numl	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
CREATININE - Final resu	ult (19/12/2022	2 10:54 AN Ref	∕I EST)	Applysic	Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
Creatinine	78	62 - 100 umol/L		19/12/2022 12:05 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loo 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 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) CBC (INCL	JDES DIFFEREN					
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	
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	

Specimen (Source)

Laterality

Volume

Collection Time

Received Time

МСН	29.5	27.0 - 34.0 pg		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
МСНС	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 Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	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 OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE		d	Ottawa, K1H 8L6			
BUN (UREA) - Final resu	ılt (19/12/2022		/I EST)		_	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Urea	4.7	3.3 - 8.9 mmol/L		19/12/2022 12:05 PM EST	-	
	Anatomical Loc	ation /	Collection Method /			

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)		Blood Collection / Unknown	19/12/2022 10:54 AM EST	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 Num	oer	
THE OTTAWA HOSPITAL - GENERAL SITE		ıd	Ottawa, K1H 8L6			
ALT - Final result (19/12	2/2022 10·54 Δ	M FST)				
	,/2022 10.J 4 A	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 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
			Unknown	EST		EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ıd	Ottawa, K1H 8L6			
AST - Final result (19/12	0/2022 10·51 A					
	1/2022 10.J4 A	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 Loc	cation /	Collection Method /			
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	Collection Ti		Received Time 19/12/2022 11:27 AM
ыооа (ыооа, venous)			Blood Collection / Unknown	19/12/2022 EST	10.54 Alvi	EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL -		ıd	Ottawa, K1H 8L6			
GENERAL SITE						
SODIUM - Final result (19/12/2022 10		T)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Sodium	137	136 - 144 mmol/L		19/12/2022 12:05 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	

	Anatomical Loc	ration /	Collection Method /			
Specimen (Source)	Laterality	ation /	Volume	Collection Ti	me	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 OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			
PROTEIN TOTAL - Final	result (19/12/2	2022 10:54	4 AM EST)			
Commonweat	Value	Ref	Test Method	Analysis Time	Performed At	Dath allo aist Cisus sturre
Component Protein Total	71	Range 63 - 75 g/L	Test Method	19/12/2022 12:05 PM EST	-	Pathologist Signature
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	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 OR					
Ani Ali Awan	LAB BLOOD OR	DERADLES				
-		DERADLES		Phone Num	per	
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE			City/State/ZIP Code Ottawa, K1H 8L6	Phone Numl	per	
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE POTASSIUM - Final resu	Address 501 Smyth Roa Ilt (19/12/2022	d 10:54 AN Ref	City/State/ZIP Code Ottawa, K1H 8L6 /I EST)	Analysis	Performed	Dethele sist Cinestowe
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE POTASSIUM - Final resu Component	Address 501 Smyth Roa Ilt (19/12/2022 Value	d 10:54 AN Ref Range	City/State/ZIP Code Ottawa, K1H 8L6	Analysis Time	Performed At	Pathologist Signature
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE POTASSIUM - Final resu	Address 501 Smyth Roa Ilt (19/12/2022	d 10:54 AN Ref	City/State/ZIP Code Ottawa, K1H 8L6 /I EST)	Analysis	Performed At	Pathologist Signature
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE POTASSIUM - Final resu Component Potassium	Address 501 Smyth Roa Ilt (19/12/2022 Value 4.5	10:54 AN Ref Range 3.5 - 5.1 mmol/L	City/State/ZIP Code Ottawa, K1H 8L6 // EST) Test Method Collection Method /	Analysis Time 19/12/2022 12:05 PM EST	Performed At THE OTTAWA HOSPITAL - GENERAL SITE	
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE POTASSIUM - Final resu Component	Address 501 Smyth Roa Ilt (19/12/2022 Value 4.5	10:54 AN Ref Range 3.5 - 5.1 mmol/L	City/State/ZIP Code Ottawa, K1H 8L6 // EST) Test Method	Analysis Time 19/12/2022 12:05 PM	Performed At THE OTTAWA HOSPITAL - GENERAL SITE me	Received Time
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE POTASSIUM - Final resu Component Potassium Specimen (Source) Blood (Blood, Venous)	Address 501 Smyth Roa Ilt (19/12/2022 Value 4.5	10:54 AN Ref Range 3.5 - 5.1 mmol/L	City/State/ZIP Code Ottawa, K1H 8L6 // EST) Test Method Collection Method / Volume Blood Collection /	Analysis Time 19/12/2022 12:05 PM EST Collection Ti 19/12/2022	Performed At THE OTTAWA HOSPITAL - GENERAL SITE me	Received Time 19/12/2022 11:27 AM
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE POTASSIUM - Final resu Component Potassium	Address 501 Smyth Roa Ilt (19/12/2022 Value 4.5 Anatomical Loc Laterality	d 10:54 AN Ref Range 3.5 - 5.1 mmol/L	City/State/ZIP Code Ottawa, K1H 8L6 // EST) Test Method Collection Method / Volume Blood Collection / Unknown	Analysis Time 19/12/2022 12:05 PM EST Collection Ti 19/12/2022	Performed At THE OTTAWA HOSPITAL - GENERAL SITE me	Received Time 19/12/2022 11:27 AM
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE POTASSIUM - Final resu Component Potassium Specimen (Source) Blood (Blood, Venous) Authorizing Provider Arif Ali Awan	Address 501 Smyth Roa Ilt (19/12/2022 Value 4.5 Anatomical Loc Laterality Result Type LAB BLOOD OR	d 10:54 AN Ref Range 3.5 - 5.1 mmol/L	City/State/ZIP Code Ottawa, K1H 8L6 // EST) Test Method Collection Method / Volume Blood Collection / Unknown	Analysis Time 19/12/2022 12:05 PM EST Collection Ti 19/12/2022 EST	Performed At THE OTTAWA HOSPITAL - GENERAL SITE me 10:54 AM	Received Time 19/12/2022 11:27 AM
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE POTASSIUM - Final resu Component Potassium Specimen (Source) Blood (Blood, Venous) Authorizing Provider	Address 501 Smyth Roa Ilt (19/12/2022 Value 4.5 Anatomical Loc Laterality Result Type LAB BLOOD OR	10:54 AN Ref Range 3.5 - 5.1 mmol/L	City/State/ZIP Code Ottawa, K1H 8L6 // EST) Test Method Collection Method / Volume Blood Collection / Unknown	Analysis Time 19/12/2022 12:05 PM EST Collection Ti 19/12/2022	Performed At THE OTTAWA HOSPITAL - GENERAL SITE me 10:54 AM	Received Time 19/12/2022 11:27 AM
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE POTASSIUM - Final resu Component Potassium Specimen (Source) Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization THE OTTAWA HOSPITAL -	Address 501 Smyth Roa Ilt (19/12/2022 Value 4.5 Anatomical Loc Laterality Result Type LAB BLOOD OR Address 501 Smyth Roa	d 10:54 AN Ref Range 3.5 - 5.1 mmol/L ation / RDERABLES	City/State/ZIP Code Ottawa, K1H 8L6 // EST) Test Method Collection Method / Volume Blood Collection / Unknown	Analysis Time 19/12/2022 12:05 PM EST Collection Ti 19/12/2022 EST Phone Numl	Performed At THE OTTAWA HOSPITAL - GENERAL SITE me 10:54 AM	Received Time 19/12/2022 11:27 AM
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE POTASSIUM - Final resu Component Potassium Specimen (Source) Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE	Address 501 Smyth Roa Ilt (19/12/2022 Value 4.5 Anatomical Loc Laterality Result Type LAB BLOOD OR Address 501 Smyth Roa	d 10:54 AN Ref Range 3.5 - 5.1 mmol/L cation /	City/State/ZIP Code Ottawa, K1H 8L6 // EST) Test Method Collection Method / Volume Blood Collection / Unknown	Analysis Time 19/12/2022 12:05 PM EST Collection Ti 19/12/2022 EST	Performed At THE OTTAWA HOSPITAL - GENERAL SITE me 10:54 AM	Received Time 19/12/2022 11:27 AM

		U/L		12:05 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Lo Laterality	ocation /	Collection Method / Volume	Collection Ti	me	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 C	ORDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Ro	bad	Ottawa, K1H 8L6			
(ABNORMAL) MAGNESIU		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Magnesium	0.63 (L)	0.66 - 1.07 mmol/L		19/12/2022 12:05 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Lo Laterality	ocation /	Collection Method / Volume	Collection Ti	me	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 C	ORDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Number		
THE OTTAWA HOSPITAL - GENERAL SITE		bad	Ottawa, K1H 8L6			
CHLORIDE - Final result		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Chloride	99	98 - 107 mmol/L		19/12/2022 12:05 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Lo Laterality	ocation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Zaterunty		Blood Collection / Unknown	19/12/2022 EST		19/12/2022 11:27 AM EST
Authorizing Provider	Result Type					
	71					

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	

CO2 TOTAL (TOTAL CO	2) - Final resul	t (19/12/2	.022 10:54 AM EST)			
		Ref		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	
					SILE	
	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
			Unknown	LST		LJT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES	5			
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
THE OTTAWA HOSPITAL -		ad	Ottawa, K1H 8L6			
GENERAL SITE						
CALCIUM - Final result	(19/12/2022 1	0·54 ΔN/ F	-ST)			
	(13) 12/2022 1	Ref	-51)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Calcium	2.31	2.24 -		19/12/2022		
		2.58 mmol/L		12:05 PM EST	ottawa Hospital -	
		minol/ E		LUT	GENERAL	
					SITE	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Time		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 O	RDERABLES				
Performing Organization THE OTTAWA HOSPITAL -		2d	City/State/ZIP Code Ottawa, K1H 8L6	Phone Number		
GENERAL SITE	SUT SHIYUN KU	au	Ollawa, KIH olo			
BILIRUBIN, TOTAL - Fina	ai result (19/12	2/2022 10 Ref	.34 AIVI EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	3	<=15		19/12/2022	THE	<u> </u>
		umol/L		12:05 PM	OTTAWA	
				EST	HOSPITAL - GENERAL	
					SITE	
	A					
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Lateranity		Blood Collection /	19/12/2022		19/12/2022 11:27 AM
			Unknown	EST		EST
	_ · -					
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O		•			

Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Ro	bad	Ottawa, K1H 8L6			
(ABNORMAL) ALBUMIN -	· Final result (1	9/12/2022	10:54 AM EST)			
`		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	
Specimen (Source)	Anatomical Lo Laterality	ocation /	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 C	ORDERABLES	5			
Performing Organization			City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Ro	bad	Ottawa, K1H 8L6			
GENERAL STL						
CT NECK W IV CONTRA Anatomical Region Neck	ST - Edited R Lateral		Modality	PM EST) d Tomography		
Specimen (Source)	Anatomical Lo Laterality	ocation /	Collection Method / Volume	Collection Ti	me	Received Time
	Lateranty		Volume	22/12/2022		
				,,		
Addenda	0000 4-00 5					
Addendum on 22/12/2 Please note Original			ow ADDENDUM:			
There is a paragraph				ion Tt		
should be read as:				1011. 10		
New lytic area within There is also some so These findings are su suggested to exclude	ft tissue th ggestive of	ickening a radionecro	djacent to the left h	nyoid bone.		
For report clarificat	ion: rads@to	h.ca				
Impressions			CT.			
ATL POWERSCRIBE -	22/12/2022	3:55 PM I	-31	• • • • • • • • • • • • • •		
ATL POWERSCRIBE - A Impression: No signif into the preepiglotti side of the neck is a decrease in the mucos	icant change c space, epi lso unchange	in the he glottis an d. There i	terogeneously enhanci d supraglottic space. s an improvement in t	. The metastat the patency of	ic lymphade	nopathy on the right
Impression: No signif into the preepiglotti side of the neck is a	icant change c space, epi lso unchange al edema in	in the he glottis an d. There i the suprag	terogeneously enhanci d supraglottic space. s an improvement in t	. The metastat the patency of	ic lymphade	nopathy on the right
Impression: No signif into the preepiglotti side of the neck is a decrease in the mucos	icant change c space, epi lso unchange al edema in	in the he glottis an d. There i the suprag	terogeneously enhanci d supraglottic space. s an improvement in t	. The metastat the patency of	ic lymphade	nopathy on the right
Impression: No signif into the preepiglotti side of the neck is a decrease in the mucos For report clarificat	icant change c space, epi lso unchange al edema in ion: rads@to 22/12/2022	in the he glottis an d. There i the suprag h.ca 3:55 PM I	terogeneously enhanci d supraglottic space. s an improvement in t lottic and glottic re	. The metastat the patency of	ic lymphade	nopathy on the right

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			
CT CHEST W IV CONTRA	AST - Final result (15/12,	/2022 5:41 PM EST)	
Anatomical Region	Laterality	Modality	
Chest		Computed 1	Fomography
		Callertine Mathematy	

Specimen (Source) Laterality	Volume	Collection Time	e 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 5:4	1 PM EST)				
Anatomical Region	Laterality	Modality					
Body, Abdomen, Pelvis, Y Computed Tomography							
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time			
Specimen (Source)	Eateranty	Volume	19/12/2022 1:28 PM				
			13, 12,2022 1.20 1 11				
Impressions							
ATL POWERSCRIBE -	19/12/2022 1:31 PM	EST		ala aladaman an nalada			
Increase in size of	solitary metastasis in	the liver. No other i	netastatic disease in	the abdomen or pelvis.			
Thank you for the co	nsultation.						
For report clarifica	tion: rads@toh.ca						
Narrative							
ATL POWERSCRIBE - CT ABDOMEN & PELVIS	19/12/2022 1:31 PM	EST					
CI ABDOMEN & PELVIS							
INDICATION: Age: 68	years old; Male, "resea	arch; 68yo man with h	ead and neck cancer,	tumour assessment for			
study" TECHNIQUE: Routine p	ortal venous phase con [.]	trast-enhanced evalua	tion. Oral contrast wa	as not given.			
	en and pelvis November			5			
HEPATOBILIARY SYSTEM	:						
Liver: Segment 6 m	etastasis series 601 in	nage 61 maximum diame [.]	ter is 4.8 cm; previou	usly 4.1 cm.			
No additional liver Biliary Tree: No i	mportant gallbladder al	onormality. No importa	ant abnormality of the	e biliary tree.			
Pancreas: No impor	tant abnormality.		,	,			
GASIROINTESTINAL TRA GENITOURINARY SYSTEM	CT: No important abnorn :	nality.					
Adrenals: No impor	tant abnormality.						
	No important abnormal o important abnormality						
	s: Moderate prostatome						
LYMPHATIC SYSTEM: NO	important abnormality	of the spleen. No lyr	nnhadenonathy				
PERITONEUM, RETROPER	ITONEUM & MESENTERY: NO	o ascites or nodular p	peritoneal disease.				
VESSELS & OTHER: Mod systemic veins are p	erate atherosclerosis w atent.	without aneurysm or ma	ajor branch vessel oc	clusion. Portal and			
BONES / BODY WALL: N	o important bony abnor		abnormality.				
LOWER THORAX (lung b	ases, 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:

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)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
PO4	1.08	0.78 -		05/12/2022	THE	
		1.38		3:45 PM	OTTAWA	
		mmol/L		EST	HOSPITAL -	
					GENERAL	
					SITE	
	Ameteoricalle	ation (Collection Motherd /			
	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 OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL -	501 Smyth Roa	d	Ottawa, K1H 8L6			
GENERAL SITE	-					

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

		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	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		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 OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			

(ABNORMAL) AUTOMAT	ED DIFFERENTI	AL - Final r	esult (05/12/2022 2:09 P	M EST)		
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	3.79	2.00 - 7.50 x10*9/L		05/12/2022 3:41 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Lymphocyte	0.99	0.80 - 3.50 x10*9/L		05/12/2022 3:41 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Monocyte	0.89	0.10 - 1.00 x10*9/L		05/12/2022 3:41 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Eosinophil	0.06	<=0.50 x10*9/L		05/12/2022 3:41 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Basophil	0.09	<=0.10 x10*9/L		05/12/2022 3:41 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Immature Granulocyte	0.17 (H)	<=0.10 x10*9/L		05/12/2022 3:41 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loo Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Lateranty		Blood Collection / Unknown		2:09 PM EST	
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	90	62 - 100 umol/L		05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Location / 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 THE OTTAWA HOSPITAL -		ad	City/State/ZIP Code Ottawa, K1H 8L6	Phone Num	ber	
GENERAL SITE	SUT SHIYUI KU	au	Ollawa, KIH OLO			
			al manult (05 (12 (2022 2:00			
(ADNORWAL) CDC (INCL	ODES DIFFEREN	Ref	al 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 EST	ottawa Hospital -	
				LJI	GENERAL	
					SITE	
RBC	3.43 (L)	4.00 -		05/12/2022		
		5.50 x10*12/L		3:41 PM EST	ottawa Hospital -	
		- /		-	GENERAL	
	60 (1)	105			SITE	
Hgb	99 (L)	125 - 170 g/L		05/12/2022 3:41 PM	the Ottawa	
		9/ -		EST	HOSPITAL -	
					GENERAL	
Hct	0.221 (1)	0.380 -		05/12/2022	SITE	
HCL	0.321 (L)	0.380 - 0.500 L/L		3:41 PM	OTTAWA	
		,		EST	HOSPITAL -	
					GENERAL SITE	
MCV	93.6	80.0 -		05/12/2022		
IVIC V	55.0	100.0 fL		3:41 PM	OTTAWA	
				EST	HOSPITAL -	
					GENERAL SITE	
МСН	28.9	27.0 -		05/12/2022	THE	
		34.0 pg		3:41 PM	OTTAWA	
				EST	HOSPITAL - GENERAL	
					SITE	
МСНС	308 (L)	315 - 355		05/12/2022	THE	
		g/L		3:41 PM EST	ottawa Hospital -	
				EST	GENERAL	
					SITE	
RDW:CV	15.7 (H)	11.5 -		05/12/2022	THE	
		15.5 %		3:41 PM EST	ottawa Hospital -	
				231	GENERAL	
					SITE	
PLT	462 (H)	130 - 380 x10*9/L		05/12/2022 3:41 PM	the Ottawa	
		XIU 9/L		EST	HOSPITAL -	
					GENERAL	
	0.0 (1)	0.0 11.0			SITE	
MPV	8.6 (L)	9.0 - 14.0 fL		05/12/2022 3:41 PM	the Ottawa	
				EST	HOSPITAL -	
					GENERAL	
NRBC #	0.00	<=0.00		05/12/2022	SITE	
	0.00	<=0.00		05/12/2022	INC	

		x10*9/L			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		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 OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			
BUN (UREA) - Final resu	ılt (05/12/2022	2 2:09 PM Ref	EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Urea	5.2	3.3 - 8.9 mmol/L		05/12/2022 3:45 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 3:07 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL - GENERAL SITE		d	Ottawa, K1H 8L6			
ALT - Final result (05/12		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	14	12 - 49 U/L		05/12/2022 3:45 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 3:07 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				

Performing Organization	Address		City/State/ZIP Code	Phone Number		
THE OTTAWA HOSPITAL - GENERAL SITE		d	Ottawa, K1H 8L6			
AST - Final result (05/12	2/2022 2:09 PN	1 EST)				
		Ref		Analysis	Performed	
Component	Value	Range 12 - 29	Test Method	Time	At THE	Pathologist Signature
AST	13	12 - 29 U/L		05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loca	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Tir		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	05/12/2022 2	2:09 PM EST	05/12/2022 3:07 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORI	DERABLES				
Performing Organization	Adress		City/State/ZIP Code	Phone Numb	bor	
THE OTTAWA HOSPITAL -		d	Ottawa, K1H 8L6			
GENERAL SITE	,	-				
SODIUM - Final result (C	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Sodium	138	136 - 144 mmol/L	_	05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loca	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Tir		Received Time
Blood (Blood, Venous)			Blood Collection / Unknown	05/12/2022 2	2:09 PM EST	05/12/2022 3:07 PM EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORI	DERABLES				
Performing Organization			City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	d	Ottawa, K1H 8L6			
PROTEIN TOTAL - Final I	result (05/12/2		PM EST)			
C	N (- 1	Ref		Analysis	Performed	D. (hada she) Charactura
Component Protein Total	Value	Range	Test Method	Time	At	Pathologist Signature
Protein Totai	71	63 - 75 g/L		05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL -	

Collection Method /

Blood Collection /

Volume

Anatomical Location /

Laterality

Specimen (Source)

Blood (Blood, Venous)

GENERAL SITE

Received Time

05/12/2022 2:09 PM EST 05/12/2022 3:07 PM EST

Collection Time

Unknown

Result Type LAB BLOOD OR	DERABLES				
	d	•	Phone Numb	ber	
SOT SHIYUI KOA	u				
lt (05/12/2022	2:09 PM	EST)			
	Ref		Analysis	Performed	
	Range	Test Method		At	Pathologist Signature
5.0	3.5 - 5.1 mmol/L		3:45 PM	OTTAWA	
			EST	HOSPITAL -	
				GENERAL SITE	
	ation /		Collection Ti	me	Received Time
		Blood Collection /			
		Unknown			
Result Type					
LAB BLOOD OR	DERABLES				
Address		City/State/7IP Code	Phone Num	her	
	d	Ottawa, K1H 8L6			
-					
SE - Final result	•	2022 2:09 PM EST)			
Value		Test Method	,		Pathologist Signature
83	50 - 112			-	
	U/L		3:45 PM		
			EST	GENERAL	
				SITE	
Anatomical Loc	ation /	Collection Method /			
Laterality		Volume			Received Time
			05/12/2022	2:09 PM EST	05/12/2022 3:07 PM EST
LAD BLOOD OR	DERADLES				
Address		City/State/ZIP Code	Phone Numb	ber	
501 Smyth Roa	d	Ottawa, K1H 8L6			
ult (05/10/202)	1 2.00 C C				
uit (05/12/202	Z Z:09 PIV Ref	1 [3]	Analysis	Performed	
Value	Range	Test Method	Time	At	Pathologist Signature
0.66	0.66 -		05/12/2022 3:45 PM	THE Ottawa	
			05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL - GENERAL	
	Address 501 Smyth Roa Value 5.0 Anatomical Loc Laterality Result Type LAB BLOOD OR Address 501 Smyth Roa SE - Final result Value 83 Anatomical Loc Laterality Result Type LAB BLOOD OR Address 501 Smyth Roa	Address 501 Smyth Road Address 5.0 3.5 - 5.1 mmol/L Anatomical Location / Laterality Result Type LAB BLOOD ORDERABLES Address 501 Smyth Road CE - Final result (05/12/2 Ref Value Range 83 50 - 112 U/L Anatomical Location / Laterality Anatomical Location / Laterality Result Type LAB BLOOD ORDERABLES Address 501 Smyth Road	Address City/State/ZIP Code 501 Smyth Road Ottawa, K1H 8L6 Ref Value Range Test Method 5.0 3.5 - 5.1 mmol/L Anatomical Location / Collection Method / Volume Anatomical Location / Collection Method / Volume Blood Collection / Unknown Result Type LAB BLOOD ORDERABLES Address City/State/ZIP Code 501 Smyth Road Ottawa, K1H 8L6 SE - Final result (05/12/2022 2:09 PM EST) Ref Value Range Test Method 83 50 - 112 U/L Anatomical Location / Collection Method / Volume Result Type LAB BLOOD ORDERABLES Address City/State/ZIP Code 501 Smyth Road Collection / Unknown Result Type LAB BLOOD ORDERABLES Address City/State/ZIP Code 501 Smyth Road Collection / Unknown	Address City/State/ZIP Code Phone Numi 501 Smyth Road Ottawa, K1H 8L6 Analysis It (05/12/2022 2:09 PM EST) Ref Analysis Value Range Test Method Time 5.0 3.5 - 5.1 05/12/2022 05/12/2022 Anatomical Location / Collection Method / 23:45 PM EST Anatomical Location / Collection Method / 05/12/2022 1 Address City/State/ZIP Code Phone Numi 501 Smyth Road Ottawa, K1H 8L6 Time SE - Final result (05/12/2022 2:09 PM EST) Analysis Time Ref Value Range Test Method Time 83 50 - 112 05/12/2022 3:45 PM EST Anatomical Location / Collection Method / Collection Ti Blood Collection / 05/12/2022 3:45 PM EST Anatomical Location / Collection Method / Collec	Address City/State/ZIP Code Phone Number 501 Smyth Road Ottawa, K1H 8L6 Performed kt (05/12/2022 2:09 PM EST) Ref Analysis Performed Value Range Test Method Time A 5.0 3.5 - 5.1 05/12/2022 THE 3:45 PM OTTAWA 5.0 3.5 - 5.1 Collection Method / 05/12/2022 THE OTTAWA 4.aterality Collection Method / Collection Time Blood Collection / 05/12/2022 SIP Result Type Laterality Collection / 05/12/2022 SIP SIP Address City/State/ZIP Code Phone Number SIP SIP SIP 501 Smyth Road Ottawa, K1H 8L6 Time At At SE - Final result (05/12/2022 2:09 PM EST) Ref Analysis Performed Value Range Test Method Time At 83 50 - 112 U/L 05/12/2022 SIP SIF Anatomical Location / Collection Method / Collection Time SIF Anatomical Location /<

SITE

Specimen (Source)	Anatomical Location / 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 Number	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6		

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

		Ref		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	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		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 Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			

CO2 TOTAL (TOTAL CO2) - Final result (05/12/2022 2:09 PM EST)

		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	
Specimen (Source)	Anatomical Loo Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
	Lateranty					
Blood (Blood, Venous)			Blood Collection / Unknown	05/12/2022	2:09 PIVI 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 Numl	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			

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

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 Loo Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Lateranty		Blood Collection / Unknown		2:09 PM EST	
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 Roa	ad	Ottawa, K1H 8L6			
BILIRUBIN, TOTAL - Fina	al result (05/12	/2022 2.0	9 PM FST)			
		Ref		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	
	Anatomical Loo	cation /	Collection Method /			
Specimen (Source)	Laterality		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			City/State/ZIP Code	Phone Numl	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
(ABNORMAL) ALBUMIN ·	· Final result (05		2:09 PM EST)	Applysic	Performed	
Component	Value	Ref Range	Test Method	Analysis Time	At	Pathologist Signature
Albumin	37 (L)	39 - 47 g/L		05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	5 5
	Anatomical Loo	cation /	Collection Method /			
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 OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			

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

	ant (20/11/2022	Ref	201)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
PO4	1.09	0.78 - 1.38 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	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 Num	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
GLUCOSE RANDOM - F Component	inal result (28/ Value	11/2022 2 Ref Range	2:11 PM EST) Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	6.2	4.0 - 11.0 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	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 Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			

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

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	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 x10*9/L		28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Monocyte	0.69	0.10 - 1.00		28/11/2022 2:40 PM	the Ottawa	

		x10*9/L		EST	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				
		RDERABLES		Phone Num!	ber	
Arif Ali Awan Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE	Address		City/State/ZIP Code Ottawa, K1H 8L6	Phone Numb	Der	
Performing Organization THE OTTAWA HOSPITAL -	Address 501 Smyth Roa	ıd	City/State/ZIP Code Ottawa, K1H 8L6	Phone Numb	per Performed	
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE	Address 501 Smyth Roa	1d 2 2:11 PM	City/State/ZIP Code Ottawa, K1H 8L6			Pathologist Signature
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE CREATININE - Final resu	Address 501 Smyth Roa Ilt (28/11/2022	nd 2 2:11 PM Ref	City/State/ZIP Code Ottawa, K1H 8L6 EST)	Analysis	Performed	Pathologist Signature
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE CREATININE - Final resu <u>Component</u> Creatinine	Address 501 Smyth Roa Ilt (28/11/2022 Value 87 Anatomical Loc	2 2:11 PM Ref Range 62 - 100 umol/L	City/State/ZIP Code Ottawa, K1H 8L6 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 CREATININE - Final resu Component	Address 501 Smyth Roa Ilt (28/11/2022 Value 87	2 2:11 PM Ref Range 62 - 100 umol/L	City/State/ZIP Code Ottawa, K1H 8L6 EST) Test Method	Analysis Time 28/11/2022 2:54 PM	Performed At THE OTTAWA HOSPITAL - GENERAL SITE me	Pathologist Signature Received Time 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 Number
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6	

(ABNORMAL) CBC (INCLUDES DIFFERENTIAL) (CBC) - Final result (28/11/2022 2:11 PM EST)

Component	Value	Ref Range Test Method	Analysis Perform Time At	ed Pathologist Signature
WBC	7.9	3.5 - 10.5 x10*9 /L	28/11/2022 THE 2:40 PM OTTAWA EST HOSPITA GENERA SITE	AL -

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	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume Blood Collection /	Collection Ti 28/11/2022		Received Time 28/11/2022 2:25 PM EST
			Unknown			
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		d	Ottawa, K1H 8L6			
BUN (UREA) - Final resu	ılt (28/11/2022	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 Loca Laterality	ation /	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 OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL - GENERAL SITE		d	Ottawa, K1H 8L6			
ALT - Final result (28/11	/2022 2·11 PM	I FST)				
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	15	12 - 49 U/L		28/11/2022 2:54 PM EST	THE 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			City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	d	Ottawa, K1H 8L6			
AST - Final result (28/11	I/2022 2:11 P№					
		Ref		Analysis	Performed	

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
AST	14	12 - 29 U/L		28/11/2022 2:54 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	

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 OF	DERABLES				
Performing Organization			City/State/ZIP Code	Phone Num	ber	
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	ation /	Collection Method /	Collection T		Descived Time
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume Blood Collection /	Collection Ti		Received Time 28/11/2022 2:25 PM EST
ыооа (ыооа, venous)			Unknown	28/11/2022	2.11 PIVI EST	26/11/2022 2.25 PWI EST
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			
PROTEIN TOTAL - Final	result (28/11/2		PM EST)			
Comment		Ref		Analysis	Performed	Dath datist Circustory
Component Protein Total	Value 66	Range 63 - 75	Test Method	Time 28/11/2022	At	Pathologist Signature
	00	g/L		2:54 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loo	ation /	Collection Method /			
Specimen (Source)	Anatomical Location / 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	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
· shorting organization	,					

Performing Organization	Address	City/State/ZIP Code	Phone Number
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6	

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Potassium	4.8	3.5 - 5.1 mmol/L		28/11/2022 2:54 PM	the Ottawa	

			EST	HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Location / Laterality	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 ORDERABLE	S			
Performing Organization	Address	City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6			
ALKALINE PHOSPHATAS	Ref Value Range 72 50 - 112	Test Method	Analysis Time 28/11/2022		Pathologist Signature
	U/L		2:54 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)		Blood Collection / Unknown		2:11 PM EST	
Authorizing Provider	Result Type				
Arif Ali Awan	LAB BLOOD ORDERABLE	S			
Performing Organization	Address	City/State/ZIP Code	Phone Num	oer	
THE OTTAWA HOSPITAL -	501 Smyth Road	Ottawa, K1H 8L6			

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

GENERAL SITE

gist Signature
gist Signature
ed Time
2022 2:25 PM EST

CHLORIDE - Final result	(28/11/2022 2	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	
	Anatomical Loo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	-	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 Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
CO2 TOTAL (TOTAL CO2 Component	2) - Final result Value	(28/11/2) Ref Range	022 2:11 PM EST) Test Method	Analysis Time	Performed At	Pathologist Signature
Total CO2	29	19 - 30		28/11/2022	THE	
		mmol/L		2:54 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	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 Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
CALCIUM - Final result (Ref	T) Test Method	Analysis	Performed	Dathologist Cignature
Component Calcium	Value 2.31	Range 2.24 -	Test Method	Time 28/11/2022	At	Pathologist Signature
Calcium	2.31	2.24 - 2.58 mmol/L		2:54 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loo Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Lateranty		Blood Collection / Unknown			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 Numl	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
BILIRUBIN, TOTAL - Fina	al result (28/11	/2022 2:1	1 PM EST)			
	(,	Ref	,	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L		28/11/2022 2:54 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Lo	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 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) ALBUMIN	Final result (28		2:11 PM EST)	A realization	Deufeunerd	
		Ref		Analysis	Performed	

		IVEI		Allalysis	renonneu		
Component	Value	Range	Test Method	Time	At	Pathologist Signature	
Albumin	36 (L)	39 - 47 g/L		28/11/2022 2:54 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE		
Specimen (Source)	Anatomical Location , Laterality		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 Num	ber		
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6				

PHOSPHATE - Final result (15/11/2022 1:47 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
PO4	1.19	0.78 - 1.38 mmol/L		15/11/2022 2:29 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	15/11/2022	1:47 PM EST	15/11/2022 1:55 PM EST

Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORD	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL -		 	Ottawa, K1H 8L6			
GENERAL SITE	son singer roud					
GLUCOSE RANDOM - F			:47 PM EST)			
Component		Ref	Test Mothed	Analysis Time	Performed	Dathalagist Cignature
Component Glucose Random		Range 4.0 - 11.0	Test Method	15/11/2022	At	Pathologist Signature
Glucose Kalluolli		4.0 - 11.0 mmol/L		2:29 PM	OTTAWA	
				EST	HOSPITAL -	
					GENERAL	
					SITE	
	Anatomical Loca	tion /	Collection Method /			
Specimen (Source)	Laterality	tion /	Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Blood Collection /			15/11/2022 1:55 PM EST
,,			Unknown	-, , -		-, ,
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORD	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
THE OTTAWA HOSPITAL -			Ottawa, K1H 8L6	Thone Num		
GENERAL SITE	,					
CREATININE - Final resu			EST)			
Component		Ref	Test Method	Analysis	Performed	Dathalagist Signatura
Component Creatinine		Range 62 - 100	Test Method	Time 15/11/2022	At	Pathologist Signature
Creatinine		umol/L		2:29 PM	OTTAWA	
				EST	HOSPITAL -	
					GENERAL	
					SITE	
	Anotomical Loca	tion /	Collection Mathed /			
Specimen (Source)	Anatomical Loca Laterality	uon /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	_accounty		Blood Collection /			15/11/2022 1:55 PM EST
,			Unknown			
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORD	DERABLES				
Performing Organization	Address		City/State/7IP Code	Phone Numb	ber	
Performing Organization THE OTTAWA HOSPITAL -			City/State/ZIP Code Ottawa, K1H 8L6	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE			City/State/ZIP Code Ottawa, K1H 8L6	Phone Num	ber	
THE OTTAWA HOSPITAL -		1	2	Phone Num	ber	

BUN (UREA) - Final result (15/11/2022 1:47 PM EST)

Component	Value	Ref Range Test Method	Analysis Performed Time At Pathologist Signature
Urea	4.8	3.3 - 8.9 mmol/L	15/11/2022 THE 2:29 PM OTTAWA EST HOSPITAL - GENERAL SITE

Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Laterality		Blood Collection /			15/11/2022 1:55 PM EST
			Unknown	,		
Authorizing Provider	Pocult Type					
Arif Ali Awan	Result Type					
Performing Organization			City/State/ZIP Code	Phone Numl	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ld	Ottawa, K1H 8L6			
GENERAL SITE						
ALT - Final result (15/11	1/2022 1:47 PN	I ESI) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	13	12 - 49		15/11/2022		
		U/L		2:29 PM EST	ottawa Hospital -	
				EST	GENERAL	
					SITE	
	Anotomical Los	nation /	Collection Mathed /			
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / 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					
Performing Organization			City/State/ZIP Code	Phone Numl	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ld	Ottawa, K1H 8L6			
AST - Final result (15/11	1/2022 1:47 PN	1 EST) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
AST	12	12 - 29		15/11/2022	THE	
		U/L		2:29 PM EST	ottawa Hospital -	
				EST	GENERAL	
					SITE	
	Anatomical Loc	sation /	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				
	A .1.1					
Performing Organization THE OTTAWA HOSPITAL -		d	City/State/ZIP Code Ottawa, K1H 8L6	Phone Numl	ber	
GENERAL SITE	Jon Smyth Kud					
SODIUM Einel recult (15/11/2022 1.4		-)			
SODIUM - Final result (13/11/2022 1:4	Ref)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature

Sodium	137 136 - 1 mmol/		2:29 PM C EST H	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Location /	Collection Method /			
Specimen (Source)	Laterality	Volume	Collection Tim	ne	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 ORDERABL	ES			
Performing Organization	Address	City/State/ZIP Code	Phone Numbe	er	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6			

PROTEIN TOTAL - Final result (15/11/2022 1:47 PM EST)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Protein Total	72	63 - 75 g/L		15/11/2022 2:29 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	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 OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			

POTASSIUM - Final result (15/11/2022 1:47 PM EST)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Potassium	4.9	3.5 - 5.1 mmol/L		15/11/2022 2:29 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	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 OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			

ALKALINE PHOSPHATA	SE - Final resu	lt (15/11/2 Ref	2022 1:47 PM EST)	Applycia	Performed	
Component	Value	Ret Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	86	50 - 112 U/L			THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loo Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Laterality		Blood Collection /			15/11/2022 1:55 PM EST
			Unknown	13/11/2022		13/11/2022 1.33 110 231
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 Roa	ad	Ottawa, K1H 8L6			
MAGNESIUM - Final res	ult (15/11/202 Value	22 1:47 PN Ref Range	1 EST) Test Method	Analysis Time	Performed At	Pathologist Signature
Magnesium	0.68	0.66 -	Test Method		THE	Pathologist Signature
Magnesium	0.00	1.07 mmol/L		2:29 PM EST	OTTAWA HOSPITAL - GENERAL SITE	
					SIL	
Specimen (Source)	Anatomical Loo Laterality	cation /	Collection Method / Volume	Collection Ti		Received Time
Specimen (Source) Blood (Blood, Venous)		cation /			me	Received Time 15/11/2022 1:55 PM EST
Blood (Blood, Venous)	Laterality	cation /	Volume Blood Collection /		me	
			Volume Blood Collection / Unknown		me	
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan	Laterality Result Type LAB BLOOD OF		Volume Blood Collection / Unknown		me 1:47 PM EST	
Blood (Blood, Venous) Authorizing Provider	Laterality Result Type LAB BLOOD OF	RDERABLES	Volume Blood Collection / Unknown	15/11/2022	me 1:47 PM EST	
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE CHLORIDE - Final result	Laterality Result Type LAB BLOOD OF Address 501 Smyth Roa (15/11/2022 -	RDERABLES ad 1:47 PM E: Ref	Volume Blood Collection / Unknown City/State/ZIP Code Ottawa, K1H 8L6	15/11/2022 Phone Numb	me 1:47 PM EST	15/11/2022 1:55 PM EST
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE CHLORIDE - Final result Component	Laterality Result Type LAB BLOOD OF Address 501 Smyth Roa (15/11/2022 - Value	RDERABLES ad 1:47 PM E Ref Range	Volume Blood Collection / Unknown City/State/ZIP Code Ottawa, K1H 8L6	15/11/2022 Phone Numb Analysis Time	me 1:47 PM EST Der Performed At	
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE CHLORIDE - Final result	Laterality Result Type LAB BLOOD OF Address 501 Smyth Roa (15/11/2022 -	RDERABLES ad 1:47 PM E: Ref	Volume Blood Collection / Unknown City/State/ZIP Code Ottawa, K1H 8L6	15/11/2022 Phone Numb	me 1:47 PM EST	15/11/2022 1:55 PM EST
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE CHLORIDE - Final result Component Chloride	Laterality Result Type LAB BLOOD OF Address 501 Smyth Roa (15/11/2022 7 Value 99 Anatomical Loo	RDERABLES ad 1:47 PM E: Ref Range 98 - 107 mmol/L	Volume Blood Collection / Unknown City/State/ZIP Code Ottawa, K1H 8L6 ST) Test Method Collection Method /	Analysis Time 15/11/2022 2:29 PM EST	me 1:47 PM EST Der Der Performed At THE OTTAWA HOSPITAL - GENERAL SITE	15/11/2022 1:55 PM EST Pathologist Signature
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE CHLORIDE - Final result Component Chloride	Laterality Result Type LAB BLOOD OF Address 501 Smyth Roa (15/11/2022 - Value 99	RDERABLES ad 1:47 PM E: Ref Range 98 - 107 mmol/L	Volume Blood Collection / Unknown City/State/ZIP Code Ottawa, K1H 8L6 ST) Test Method Collection Method / Volume	15/11/2022 Phone Numb Analysis Time 15/11/2022 2:29 PM EST Collection Ti	me 1:47 PM EST Der Performed At THE OTTAWA HOSPITAL - GENERAL SITE	15/11/2022 1:55 PM EST Pathologist Signature Received Time
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE CHLORIDE - Final result Component Chloride	Laterality Result Type LAB BLOOD OF Address 501 Smyth Roa (15/11/2022 7 Value 99 Anatomical Loo	RDERABLES ad 1:47 PM E: Ref Range 98 - 107 mmol/L	Volume Blood Collection / Unknown City/State/ZIP Code Ottawa, K1H 8L6 ST) Test Method Collection Method /	15/11/2022 Phone Numb Analysis Time 15/11/2022 2:29 PM EST Collection Ti	me 1:47 PM EST Der Performed At THE OTTAWA HOSPITAL - GENERAL SITE	15/11/2022 1:55 PM EST Pathologist Signature
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE CHLORIDE - Final result Component Chloride	Laterality Result Type LAB BLOOD OF Address 501 Smyth Roa (15/11/2022 7 Value 99 Anatomical Loo	RDERABLES ad 1:47 PM E: Ref Range 98 - 107 mmol/L	Volume Blood Collection / Unknown City/State/ZIP Code Ottawa, K1H 8L6 ST) Test Method Collection Method / Volume Blood Collection /	15/11/2022 Phone Numb Analysis Time 15/11/2022 2:29 PM EST Collection Ti	me 1:47 PM EST Der Performed At THE OTTAWA HOSPITAL - GENERAL SITE	15/11/2022 1:55 PM EST Pathologist Signature Received Time

Performing Organization	Address	City/State/ZIP Code	Phone Number
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6	

CO2 TOTAL (TOTAL CO2) - Final result (15/11/2022 1:47 PM EST)

, , , , , , , , , , , , , , , , , , ,	,	Ref	,	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Total CO2	29	19 - 30 mmol/L		15/11/2022 2:29 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		1:47 PM EST	
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			

CALCIUM - Final result (15/11/2022 1:47 PM EST)

Component		ef	Test Method	Analysis Time	Performed At	Pathologist Signature
Calcium	2.39 2. 2.	ange 24 - 58 Imol/L		15/11/2022 2:29 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Location	on /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	<u>,</u>		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 ORDE	RABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road		Ottawa, K1H 8L6			

BILIRUBIN, TOTAL - Final result (15/11/2022 1:47 PM EST)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	3	<=15 umol/L		15/11/2022 2:29 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimon (Source)	Anatomical L	ocation /	Collection Method / Volume	Collection Ti	22.0	Received Time
Specimen (Source)	Laterality		volume	Collection II	ше	Received Hille
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 O	RDERABLES				
Deuforming Organization	Advece		City (Ctoto /ZID Code	Dhono Num		
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Ro	ad	Ottawa, K1H 8L6			
(ABNORMAL) ALBUMIN -	Final result (1	5 /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 EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	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 O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Ro	ad	Ottawa, K1H 8L6			

(ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (15/11/2022 1:46 PM EST)

		Ref		Analysis	Performed	
Component	Value		Test Method	Time	At	Pathologist Signature
Neutrophil	7.58 (H)	2.00 - 7.50 x10*9/L		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Lymphocyte	0.99	0.80 - 3.50 x10*9/L		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Monocyte	0.96	0.10 - 1.00 x10*9/L		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Eosinophil	0.07	<=0.50 x10*9/L		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Basophil	0.08	<=0.10 x10*9/L		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Immature Granulocyte	0.13 (H)	<=0.10 x10*9/L		15/11/2022 2:11 PM	the Ottawa	

				EST	HOSPITAL - GENERAL SITE	
	Anatomical Lo	cation /	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 Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
(ABNORMAL) CBC (INCL)	UDES DIFFEREN Value	TIAL) (CBC Ref Range) - Final result (15/11/202 Test Method	22 1:46 PM ES Analysis Time	T) Performed At	Pathologist Signature
WBC	9.8	3.5 - 10.5 x10*9 /L		15/11/2022 2:11 PM EST	-	
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	
MCHC	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 EST	THE OTTAWA HOSPITAL - GENERAL SITE	
PLT	458 (H)	130 - 380 x10*9/L		15/11/2022 2:11 PM	the Ottawa	

				EST	HOSPITAL - GENERAL SITE	
MPV	8.5 (L)	9.0 - 14.0 fL		15/11/2022 2:11 PM EST		
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	cation /	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	Address		City/State/ZIP Code	Phone Num	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	Test 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 SITE	

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	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		

PHOSPHATE - Final resu	ılt (08/11/2022	2 8:40 AM	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	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	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 OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			
GLUCOSE RANDOM - Fi Component Glucose Random	inal result (08/ Value 7.9	11/2022 8 Ref Range 4.0 - 11.0 mmol/L	Test Method	Analysis Time 08/11/2022 9:30 AM EST	OTTAWA HOSPITAL - GENERAL	Pathologist Signature
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	SITE	Received Time
Blood	<u>y</u>		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	Address		City/State/ZIP Code	Phone Num	oer	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			
(ABNORMAL) AUTOMATI	ED DIFFERENTIA	\L - Final r Ref	esult (08/11/2022 8:40 AN	/I EST) Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	5.64	2.00 - 7.50 x10*9/L		08/11/2022 9:04 AM EST	THE 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 -	

0.51

0.03

Monocyte

Eosinophil

0.10 -

x10*9/L

<=0.50

1.00

GENERAL SITE

OTTAWA

HOSPITAL -GENERAL SITE

08/11/2022 THE

08/11/2022 THE

9:04 AM

EST

		x10*9/L		9:04 AM EST	OTTAWA HOSPITAL - GENERAL SITE	
Basophil	0.02	<=0.10 x10*9/L		08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Immature Granulocyte	0.03	<=0.10 x10*9/L		08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loo Laterality	cation /	Collection Method / Volume	Collection Ti	20	Received Time
Blood (Blood, Venous)	Lateranty				-	08/11/2022 8:51 AM EST
biood (biood, verious)			Venipuncture / Unknown	00/11/2022	0.40 AIVI EST	00/11/2022 0.51 AIVI EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			

CREATININE - Final result (08/11/2022 8:40 AM EST)

Component	Value	Ref Range	Test 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	
	Anatomical Loo	cation /	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 OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	6.8	3.5 - 10.5 x10*9 /L		08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL 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	
МСН	30.0	27.0 - 34.0 pg		08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
МСНС	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	
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Lateranty		Venipuncture / Unknown			08/11/2022 8:51 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OI	RDERABLES				
Performing Organization			City/State/ZIP Code	Phone Numl	ber	
THE OTTAWA HOSPITAL -	501 Smyth Roa	ad	Ottawa, K1H 8L6			

BUN (UREA) - Final result (08/11/2022 8:40 AM EST)

	ant (00/11/2022	Ref	231)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Urea	4.4	3.3 - 8.9 mmol/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc Laterality	ation /	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					
John Frederick Hilton	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			
ALT - Final result (08/11 Component	/2022 8:40 Al∿ Value	1 EST) Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	21	12 - 49 U/L		08/11/2022 9:33 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc	ation /	Collection Method /	Collection Ti	me	Received Time
Specimen (Source) Blood (Blood, Venous)	Anatomical Loc Laterality	ation /	Volume	Collection Ti	_	Received Time 08/11/2022 8:51 AM FST
Blood (Blood, Venous)	Laterality	ation /			_	Received Time 08/11/2022 8:51 AM EST
			Volume		_	
Blood (Blood, Venous) Authorizing Provider John Frederick Hilton	Laterality Result Type LAB BLOOD OR		Volume		8:40 AM EST	
Blood (Blood, Venous) Authorizing Provider	Laterality Result Type LAB BLOOD OR Address	DERABLES	Volume Venipuncture / Unknown	08/11/2022	8:40 AM EST	
Blood (Blood, Venous) Authorizing Provider John Frederick Hilton Performing Organization	Laterality Result Type LAB BLOOD OR Address	DERABLES	Volume Venipuncture / Unknown City/State/ZIP Code	08/11/2022	8:40 AM EST	
Blood (Blood, Venous) Authorizing Provider John Frederick Hilton Performing Organization THE OTTAWA HOSPITAL -	Laterality Result Type LAB BLOOD OR Address 501 Smyth Roa	DERABLES d	Volume Venipuncture / Unknown City/State/ZIP Code	08/11/2022	B:40 AM EST	
Blood (Blood, Venous) Authorizing Provider John Frederick Hilton Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE ALT - Final result (08/11	Laterality Result Type LAB BLOOD OR Address 501 Smyth Roa	DERABLES d 1 EST) Ref	Volume Venipuncture / Unknown City/State/ZIP Code Ottawa, K1H 8L6	08/11/2022 a	B:40 AM EST	08/11/2022 8:51 AM EST
Blood (Blood, Venous) Authorizing Provider John Frederick Hilton Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE	Laterality Result Type LAB BLOOD OR Address 501 Smyth Roa	DERABLES d	Volume Venipuncture / Unknown City/State/ZIP Code	08/11/2022	B:40 AM EST	
Blood (Blood, Venous) <u>Authorizing Provider</u> John Frederick Hilton <u>Performing Organization</u> THE OTTAWA HOSPITAL - GENERAL SITE ALT - Final result (08/11 <u>Component</u> ALT	Laterality Result Type LAB BLOOD OR Address 501 Smyth Roa /2022 8:40 Alv Value 21 Anatomical Loc	DERABLES ad 1 EST) Ref Range 12 - 49 U/L	Volume Venipuncture / Unknown City/State/ZIP Code Ottawa, K1H 8L6	08/11/2022 a Phone Numb Analysis Time 08/11/2022 9:38 AM	Performed At THE OTTAWA HOSPITAL - GENERAL SITE	08/11/2022 8:51 AM EST
Blood (Blood, Venous) Authorizing Provider John Frederick Hilton Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE ALT - Final result (08/11 Component	Laterality Result Type LAB BLOOD OR Address 501 Smyth Roa //2022 8:40 Alv Value 21	DERABLES ad 1 EST) Ref Range 12 - 49 U/L	Volume Venipuncture / Unknown City/State/ZIP Code Ottawa, K1H 8L6 Test Method Collection Method /	08/11/2022 a Phone Numb Analysis Time 08/11/2022 9:38 AM EST Collection Ti	Performed At THE OTTAWA HOSPITAL - GENERAL SITE	08/11/2022 8:51 AM EST Pathologist Signature Received Time
Blood (Blood, Venous) <u>Authorizing Provider</u> John Frederick Hilton <u>Performing Organization</u> THE OTTAWA HOSPITAL - GENERAL SITE ALT - Final result (08/11 <u>Component</u> ALT <u>Specimen (Source)</u>	Laterality Result Type LAB BLOOD OR Address 501 Smyth Roa /2022 8:40 Alv Value 21 Anatomical Loc	DERABLES ad 1 EST) Ref Range 12 - 49 U/L	Volume Venipuncture / Unknown City/State/ZIP Code Ottawa, K1H 8L6 Test Method Collection Method / Volume	08/11/2022 a Phone Numb Analysis Time 08/11/2022 9:38 AM EST Collection Ti	Performed At THE OTTAWA HOSPITAL - GENERAL SITE	08/11/2022 8:51 AM EST Pathologist Signature Received Time

Performing Organization	Address		City/State/ZIP Code	Phone Number		
THE OTTAWA HOSPITAL - GENERAL SITE		d	Ottawa, K1H 8L6			
AST - Final result (08/11	1/2022 8:40 AN	VI EST) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
AST	17	12 - 29 U/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	ma	Received Time
Blood (Blood, Venous)	Lateranty		Venipuncture / Unknown		8:40 AM EST	
Authorizing Provider	Result Type					
John Frederick Hilton	LAB BLOOD OR	CORABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	her	
THE OTTAWA HOSPITAL - GENERAL SITE		ıd	Ottawa, K1H 8L6			
GENERAL SITE						
TOUL Final result (08/1)	1 12022 OVAO AN					
TSH - Final result (08/11	1/2022 ð:40 An	VI EST) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
TSH	1.70	0.27 - 4.20 mIU/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)			Venipuncture / Unknown	08/11/2022 8	8:40 AM EST	08/11/2022 8:51 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	lab blood or	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			
SODIUM - Final result ((08/11/2022 8:4		Г)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Sodium	137	136 - 144		08/11/2022	-	
South	107	mmol/L		9:38 AM EST	OTTAWA HOSPITAL -	

 Anatomical Location /
 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

GENERAL SITE

Authorizing Provider	Result Type					
John Frederick Hilton	LAB BLOOD OF	RDERABLES				
Deufermine Organization	A al al va a a		City (Ctate /ZID Carda	Dhan a Niveal		
Performing Organization			City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			
OLINEIKAL SITE						
PROTEIN TOTAL - Final	result (08/11/2	2022 8:40	AM EST)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Protein Total	71	63 - 75		08/11/2022	THE	
		g/L		9:38 AM	OTTAWA	
				EST	HOSPITAL - GENERAL	
					SITE	
					0112	
	Anatomical Loo	cation /	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					
John Fradarick Hilton	21					
John Frederick Hilton	LAB BLOOD OF	RDERABLES				
	LAB BLOOD OF	RDERABLES		Phone Num	oor	
Performing Organization	LAB BLOOD OF		City/State/ZIP Code	Phone Num	per	
Performing Organization THE OTTAWA HOSPITAL -	LAB BLOOD OF			Phone Num	per	
Performing Organization	LAB BLOOD OF		City/State/ZIP Code	Phone Numl	ber	
Performing Organization THE OTTAWA HOSPITAL -	LAB BLOOD OF		City/State/ZIP Code	Phone Numł	per	
Performing Organization THE OTTAWA HOSPITAL -	LAB BLOOD OF Address 501 Smyth Roa	ad	City/State/ZIP Code Ottawa, K1H 8L6	Phone Num	per	
Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE	LAB BLOOD OF Address 501 Smyth Roa	ad	City/State/ZIP Code Ottawa, K1H 8L6	Phone Numl	per Performed	

		Kel		Allalysis	renonneu	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Potassium	4.1	3.5 - 5.1 mmol/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loo	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 Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ıd	Ottawa, K1H 8L6			
		+ (00 /1 1 /				

ALKALINE PHOSPHATASE - Final result (08/11/2022 8:40 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	72	50 - 112 U/L		08/11/2022 9:33 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time

Blood (Blood, Venous)

Authorizing Provider	Result Type					
John Frederick Hilton	LAB BLOOD OR					
Performing Organization THE OTTAWA HOSPITAL -		ıd	City/State/ZIP Code Ottawa, K1H 8L6	Phone Numb		
GENERAL SITE	-					
ALKALINE PHOSPHATA	.SE (ALP) - Fina	l result (0	8/11/2022 8:40 AM EST)		
	1	Ref		Analysis	Performed	
Component ALP	Value 73	Range 50 - 112	Test Method	Time 08/11/2022	At	Pathologist Signature
ALF	15	U/L		9:38 AM EST	OTTAWA HOSPITAL - GENERAL SITE	
	A					
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			Venipuncture / Unknown		-	
Authorizing Drouidor	Desult Turo					
Authorizing Provider Michael MacDonald	Result Type					
Vickers						
Performing Organization			City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL -	501 Smyth Road		Ottawa, K1H 8L6			
GENERAL SITE						
	JM - Final result Value	Ref	22 8:40 AM EST) Test Method	Analysis Time	Performed At	Pathologist Signature
GENERAL SITE (ABNORMAL) MAGNESIU		Ref Range 0.66 -		Time 08/11/2022	At THE	Pathologist Signature
GENERAL SITE (ABNORMAL) MAGNESIU Component	Value	Ref Range		Time	At	Pathologist Signature
GENERAL SITE (ABNORMAL) MAGNESIU Component	Value	Ref Range 0.66 - 1.07 mmol/L		Time 08/11/2022 9:33 AM EST	At THE OTTAWA HOSPITAL - GENERAL SITE	
GENERAL SITE (ABNORMAL) MAGNESIU Component Magnesium Specimen (Source)	Value 0.64 (L)	Ref Range 0.66 - 1.07 mmol/L	Test Method Collection Method / Volume	Time 08/11/2022 9:33 AM EST Collection Ti	At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
GENERAL SITE (ABNORMAL) MAGNESIU Component Magnesium	Value 0.64 (L) Anatomical Loc	Ref Range 0.66 - 1.07 mmol/L	Test Method Collection Method /	Time 08/11/2022 9:33 AM EST Collection Ti	At THE OTTAWA HOSPITAL - GENERAL SITE	
GENERAL SITE (ABNORMAL) MAGNESIU Component Magnesium Specimen (Source)	Value 0.64 (L) Anatomical Loc	Ref Range 0.66 - 1.07 mmol/L	Test Method Collection Method / Volume	Time 08/11/2022 9:33 AM EST Collection Ti	At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
GENERAL SITE (ABNORMAL) MAGNESIU Component Magnesium Specimen (Source) Blood (Blood, Venous)	Value 0.64 (L) Anatomical Loc Laterality	Ref Range 0.66 - 1.07 mmol/L	Test Method Collection Method / Volume Venipuncture / Unknown	Time 08/11/2022 9:33 AM EST Collection Ti	At THE OTTAWA HOSPITAL - GENERAL SITE	Received Time
GENERAL SITE (ABNORMAL) MAGNESIU Component Magnesium Specimen (Source) Blood (Blood, Venous) Authorizing Provider John Frederick Hilton	Value 0.64 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR	Ref Range 0.66 - 1.07 mmol/L	Test Method Collection Method / Volume Venipuncture / Unknown	Time 08/11/2022 9:33 AM EST Collection Ti	At THE OTTAWA HOSPITAL - GENERAL SITE me 8:40 AM EST	Received Time
GENERAL SITE (ABNORMAL) MAGNESIU Component Magnesium Specimen (Source) Blood (Blood, Venous) Authorizing Provider John Frederick Hilton Performing Organization THE OTTAWA HOSPITAL -	Value 0.64 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR Address	Ref Range 0.66 - 1.07 mmol/L cation /	Test Method Collection Method / Volume Venipuncture / Unknown	Time 08/11/2022 9:33 AM EST Collection Ti 08/11/2022	At THE OTTAWA HOSPITAL - GENERAL SITE me 8:40 AM EST	Received Time
GENERAL SITE (ABNORMAL) MAGNESIU Component Magnesium Specimen (Source) Blood (Blood, Venous) Authorizing Provider John Frederick Hilton Performing Organization	Value 0.64 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR Address	Ref Range 0.66 - 1.07 mmol/L cation /	Test Method Collection Method / Volume Venipuncture / Unknown City/State/ZIP Code	Time 08/11/2022 9:33 AM EST Collection Ti 08/11/2022	At THE OTTAWA HOSPITAL - GENERAL SITE me 8:40 AM EST	Received Time
GENERAL SITE (ABNORMAL) MAGNESIU Component Magnesium Specimen (Source) Blood (Blood, Venous) Authorizing Provider John Frederick Hilton Performing Organization THE OTTAWA HOSPITAL -	Value 0.64 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR Address 501 Smyth Roa	Ref Range 0.66 - 1.07 mmol/L cation / RDERABLES ad (08/11/20	Test Method Collection Method / Volume Venipuncture / Unknown City/State/ZIP Code Ottawa, K1H 8L6	Time 08/11/2022 9:33 AM EST Collection Ti 08/11/2022 8 Phone Numb	At THE OTTAWA HOSPITAL - GENERAL SITE me 8:40 AM EST	Received Time
GENERAL SITE (ABNORMAL) MAGNESIU Component Magnesium Specimen (Source) Blood (Blood, Venous) Authorizing Provider John Frederick Hilton Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE (ABNORMAL) MAGNESIU	Value 0.64 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR Address 501 Smyth Roa JM - Final result	Ref Range 0.66 - 1.07 mmol/L cation / RDERABLES ad (08/11/20 Ref	Test Method Collection Method / Volume Venipuncture / Unknown City/State/ZIP Code Ottawa, K1H 8L6	Time 08/11/2022 9:33 AM EST Collection Ti 08/11/2022 a Phone Numb	At THE OTTAWA HOSPITAL - GENERAL SITE me 8:40 AM EST	Received Time 08/11/2022 8:51 AM EST
GENERAL SITE (ABNORMAL) MAGNESIU Component Magnesium Specimen (Source) Blood (Blood, Venous) Authorizing Provider John Frederick Hilton Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE	Value 0.64 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR Address 501 Smyth Roa	Ref Range 0.66 - 1.07 mmol/L cation / RDERABLES ad (08/11/20	Test Method Collection Method / Volume Venipuncture / Unknown City/State/ZIP Code Ottawa, K1H 8L6	Time 08/11/2022 9:33 AM EST Collection Ti 08/11/2022 8 Phone Numb	At THE OTTAWA HOSPITAL - GENERAL SITE me 8:40 AM EST	Received Time

	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 Drovider	Pocult Type					
Authorizing Provider Michael MacDonald	Result Type					
Vickers						
Performing Organization			City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			
CHLORIDE - Final result	(08/11/2022 8	3:40 AM E	ST)			
<i>c</i>	N / 1	Ref	T (NA (L) L	Analysis	Performed	
Component Chloride	Value 99	Range 98 - 107	Test Method	Time	At	Pathologist Signature
Chionde	99	98 - 107 mmol/L		08/11/2022 9:38 AM	THE OTTAWA	
		- ,		EST	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	Addrocc		City/State/7ID Code	Phone Num	oor	
THE OTTAWA HOSPITAL -		ad	City/State/ZIP Code Ottawa, K1H 8L6	Phone Num	Jei	
GENERAL SITE	Sor Sinyth Kot					
		Final rocul	lt (08/11/2022 8:40 AM ES	(T)		
	(101AL CO2) -	Ref	it (00/11/2022 0.40 ANT E	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Total CO2	31 (H)	19 - 30		08/11/2022	THE	
		mmol/L		9:38 AM EST	ottawa Hospital -	
				LJI	GENERAL	
					SITE	
					0=	
	A				0	
Specimen (Source)	Anatomical Loc	cation /	Collection Method / Volume	Collection Ti		Received Time
Specimen (Source) Blood (Blood, Venous)	Anatomical Loc Laterality	cation /	Collection Method / Volume Venipuncture / Unknown	Collection Ti 08/11/2022	me	Received Time 08/11/2022 8:51 AM EST
Blood (Blood, Venous)	Laterality	cation /	Volume		me	
Blood (Blood, Venous) Authorizing Provider	Laterality Result Type		Volume		me	
Blood (Blood, Venous)	Laterality		Volume		me	
Blood (Blood, Venous) Authorizing Provider	Laterality Result Type		Volume		me 8:40 AM EST	
Blood (Blood, Venous) Authorizing Provider John Frederick Hilton	Laterality Result Type LAB BLOOD OF Address	DERABLES	Volume Venipuncture / Unknown	08/11/2022	me 8:40 AM EST	
Blood (Blood, Venous) Authorizing Provider John Frederick Hilton Performing Organization	Laterality Result Type LAB BLOOD OF Address	DERABLES	Volume Venipuncture / Unknown City/State/ZIP Code	08/11/2022	me 8:40 AM EST	

CALCIUM - Final result (08/11/2022 8:40 AM EST)

		Ref		Analysis	Performed			
Component	Value	Range	Test Method	Time	At	Pathologist Signature		
Calcium	2.28	2.24 -		08/11/2022	THE			
		2.58		9:38 AM	OTTAWA			
		mmol/L		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		

BILIRUBIN, TOTAL - Final result (08/11/2022 8:40 AM EST)

	· · · · ·		,			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L		08/11/2022 9:33 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	ation /	Collection Method /		0	
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	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	d	Ottawa, K1H 8L6			

BILIRUBIN, TOTAL - Final result (08/11/2022 8:40 AM EST)

		Ref	,	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Lo	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					
Michael MacDonald Vickers	LAB BLOOD OI	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
(ABNORMAL) ALBUMIN -	Final result (08	3/11/2022 Ref Range	8:40 AM EST) Test Method	Analysis Time	Performed At	Pathologist Signature

Albumin	38 (L)	39 - 47 g/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loca	ation /	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					
John Frederick Hilton	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	d	Ottawa, K1H 8L6			

(ABNORMAL) ELECTROLYTE PANEL (ELECTROLYTES) - Final result (08/11/2022 8:40 AM EST)

		Ref	5) - Filiai lesuit (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 Loc	cation /	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 OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ld	Ottawa, K1H 8L6			
CT NECK W IV CONTRA	ST - Final resu	lt (03/11/2	2022 4:36 PM EDT)			

Anatomical Region Laterality	Modality
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Neck

Computed Tomography

Received Time

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

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 x 1.5 cm, previously 2.5 x 1.3 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.

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 x 1.5 cm, previously 2.5 x 1.3 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.

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

DIAPHRAGM:Unremarkable

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			
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			09/11/2022 5:48 PM	EST
Impressions				
1. Slight improveme	- 09/11/2022 5:53 PM ent in bilateral groundg se in the size of the right	lass opacities.	do	
For report clarific		gnt axiilary iymph no	ue.	
Narrative				
	- 09/11/2022 5:53 PM RAST (ROUTINE)	EST		
INDICATION: Researc COMPARISON: Septemb	h; 68yo male with metas Der 7, 2022.	tatic HNSCC, tumour a	ssessment needed per	study protocol
improved but not co LYMPH NODES & MEDIA	ICHIAL TREE: Bilateral g ompletely resolved. No c STINUM: Small mediastin neasuring 28 x 15 mm com	oncerning lung nodule al lymph nodes are st	s. able. Right axillary	lymph node has slightly
HEART: Severe coror	ARTERIES:Unremarkable ary artery calcificatio AND VEINS: Unremarkable	n.		
ESOPHAGUS Unremarka BONES & CHEST WALL:	ble. No aggressive bony les	ion.		

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.

COMPARISON: CT abdomen dated September 7, 2022.

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)

			,	
Anatomical Region	Laterality	Modality		
Body, Abdomen, Pelvis	, Y	Computed	d Tomography	
	Anatomical Location /	Collection Method /		
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
	· · · · ·		07/11/2022 4:02 PM	EST
Impressions				
	- 07/11/2022 4:11 PM It of a solitary hepatic		lesion. No new metas	tasis in the abdomen or
Meshary Aldhufian,	Abdominal Imaging Fello	W		
For report clarific	cation: rads@toh.ca			
Narrative				
ATL POWERSCRIBE CT ABDOMEN & PELVIS	- 07/11/2022 4:11 PM	EST		
INDICATION: Age: 68 study protocol"	B years old; Male, "rese	arch; 68yo male with n	netastatic HNSCC, tum	our assessment needed per
TECHNIQUE: Routine	portal venous phase con	trast-enhanced evaluat	ion. Oral contrast w	as not given.

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

Arif Ali Awan IMG CT PROCEDURES

Performing Organization Address

ATL POWERSCRIBE

City/State/ZIP Code

Phone Number

XR CHEST 2 VW - Final Anatomical Region	result (03/11/2022 1:23 Laterality	3 AM EDT) Moda	lity	
Chest			outed Radiography	
	Anatomical Location /	Collection Method	/	
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
			03/11/2022 10:53 AM EDT	
Narrative ATL POWERSCRIBE - (XR CHEST 2 VW 11/3/20 Referring physician:	22 1:13 АМ ТОН	EDT		
INDICATION: 68 years.	r/o pneumonia.			
COMPARISON: Chest CT	7 September 2022			
FINDINGS: Normal cardiomediasti No abnormal lung opac Mild S-shaped scolios	nal silhouette area ities/consolidations. is. No fractures.	No pleural effusi No evident radiog	on or pneumothorax. raphic acute findings.	
For report clarificat	ion: rads@toh.ca			
Procedure Note				
Marcos Loreto Sampaio Formatting of this note m XR CHEST 2 VW 11/3/202 Referring physician: JOSE	ight be different from the 2 1:13 AM TOH	original.		
INDICATION: 68 years. r/c	o pneumonia.			
COMPARISON: Chest CT	7 September 2022			
·				
Authorizing Provider	Result Type			
Joseph Caytak	IMG XR PROCEDURES			
Performing Organization	Address	City/State/ZIP Code	e Phone Number	
ATL POWERSCRIBE				
CULTURE, BLOOD (BLO	Anatomical Location /	Collection Method	/	
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
Aerobic and Anaerobic Bottles (Peripheral)			03/11/2022 12:35 AM EDT	03/11/2022 12:39 AM EDT
Narrative				
EORLA - 08/11/2022 Final Report:	12:50 AM EST			
No growth				
Authorizing Provider	Result Type			
Joseph Caytak	LAB MICROBIOLOGY - G	ENERAL ORDERABLES		

Performing Organization Address EORLA

City/State/ZIP Code

Pho

one	Number		

CULTURE, BLOOD (BLO	OD CULTURE) - Final re Anatomical Location /		AM EDT)	
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
Aerobic and Anaerobic Bottles (Peripheral)			03/11/2022 12:35 AM EDT	03/11/2022 12:39 AM EDT
Narrative				
EORLA - 08/11/2022 Final Report:	12:50 AM EST			
No growth				
Authorizing Provider	Result Type			
Joseph Caytak	LAB MICROBIOLOGY - G	ENERAL ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

POCT COVID RAPID ANTIGEN TEST - Final result (03/11/2022 12:18 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
POCT COVID Rapid Antigen Test	Negative					
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Nasopharyngeal Swab				03/11/2022 EDT	12:18 AM	
Authorizing Provider	Result Type					
Joseph Caytak	POINT OF CAR	E TEST OR	DERABLES			

(ABNORMAL) URINALYSIS - Final result (02/11/2022 11:39 PM EDT)

(ADINORIMAL) ORINALISI	5 - Fillal Tesult (02	./ 11/202				
	F	Ref		Analysis	Performed	
Component	Value F	Range	Test Method	Time	At	Pathologist Signature
Colour Urine	Dark Yellow				EORLA	
Appearance Urine	Clear				EORLA	
Glucose Urine	Negative				EORLA	
Bilirubin Urine	Negative				EORLA	
Ketones Urine	Trace (A)				EORLA	
Specific Gravity Urine	• •	1.005 - 1.030			EORLA	
Blood Urine	Negative				EORLA	
pH Urine	5.0				EORLA	
Protein Urine	1+ (A)				EORLA	
Urobilinogen Urine	Normal				EORLA	
Nitrite Urine	Negative				EORLA	
Leukocyte Esterase Urine	Negative				EORLA	
(Spacimon (Source)	Anatomical Locat	ion /	Collection Method / Volume	Collection Ti	~~~~	Received Time
Specimen (Source)	Laterality		volume		-	
Urine (Urine, Clean Catch)				02/11/2022	11:39 PM	02/11/2022 11:54 PM

				EDT		EDT
Authorizing Provider	Result Type					
Tiffany Lam	LAB URINE ORI	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			<i>.</i>			
		11/2022 0				
GLUCOSE RANDOM - Fi	inal result (02/	Ref	1.30 PIVI EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	7.5	4.0 - 11.0 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Lateranty		Volume			02/11/2022 9:38 PM EDT
				02, 11, 2022	5.501101201	02, 11, 2022 5.50 1111 251
Authorizing Provider	Result Type					
Tiffany Lam	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

(ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (02/11/2022 9:36 PM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	3.2	2.0 - 7.5 x10^9/L			EORLA	
Lymphocyte	0.4 (L)	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.4	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	cation /	Collection Method / Volume	Collection T	ïme	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 OR	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	iber	
EORLA						

CREATININE - Final result (02/11/2022 9:36 PM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	100	62 - 100 umol/L			EORLA	

Anatomical Location / Collection Method /

Blood (Blood, Venous)				02/11/2022	2 9:36 PM EDT	02/11/2022 9:38 PM EDT
Authorizing Provider	Result Type					
Tiffany Lam	LAB BLOOD C	ORDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nur	nber	
EORLA						
(ABNORMAL) CBC - Final Component WBC	result (02/11/ Value 4.0	Ref Range 3.5 - 10.5	Test Method	Analysis Time	Performed At EORLA	Pathologist Signature
RBC	3.86 (L)	x10^9/L 4.00 - 5.50 x10^12/L			EORLA	
HGB	112 (L)	125 - 170 g/L			EORLA	

Collection Time

Received Time

Volume

Specimen (Source)

Laterality

		5.50 x10^12/L			
HGB	112 (L)	125 - 170 g/L		EORLA	
НСТ	0.360 (L)	0.380 - 0.500 L/L		EORLA	
MCV	93.3	80.0 - 100.0 fL		EORLA	
МСН	29.0	27.0 - 34.0 pg		EORLA	
МСНС	311 (L)	315 - 355 g/L		EORLA	
RDW	14.4	11.5 - 15.5 %		EORLA	
Plat	387 (H)	130 - 380 x10^9/L		EORLA	
MPV	9.0	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 Time	Received Time
Blood (Blood, Venous)					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 Number	
EORLA					
BUN (UREA) - Final resu	ılt (02/11/2022	2 9:36 PM	EDT)		

	uit (02/11/202	2 5.50 1 101				
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Urea	6.5	3.3 - 8.9 mmol/L			EORLA	
Specimen (Source)	Anatomical Lc Laterality	ocation /	Collection Method / Volume	Collection 1	īme	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
EORLA			

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

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	137	136 - 144			EORLA	
		mmol/L				
К	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	ation y	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	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	98	62 - 100 umol/L			EORLA	
EGFR (CKD-EPI)	68 (L)	>=90 mL/min/1.73 m^2	3		EORLA	

Comment:

An eGFR result between 60-89 mL/min/1.73 m² 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)			24/10/2022 10:25 AM EDT	24/10/2022 11:51 AM EDT

Authorizing Provider Result	Authorizing	Provider	Result Type
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Arif Ali Awan	LAB BLOOD OI	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
MORPHOLOGY - Final r	esult (24/10/2	022 10.25				
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Morphology	Nonspecific				EORLA	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality	cation /	Volume	Collection T	ïme	Received Time
Blood				24/10/2022	10:25 AM	24/10/2022 11:50 AM
				EDT		EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	lber	
EORLA						
PHOSPHATE - Final resu	ult (24/10/202	2 10:25 AI	viedt)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
PO4	0.83	0.78 - 1.38			EORLA	
		mmol/L				
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection T	ïme	Received Time
Blood	Eateranty		Volume	24/10/2022 10:25 AM		24/10/2022 11:51 AM
				EDT		EDT
Authorizing Dupuidan	Description of					
Authorizing Provider Arif Ali Awan	Result Type					
Performing Organization	Address		City/State/ZIP Code	Phone Number		
EORLA						
GLUCOSE RANDOM - F	inal result (24)	/10/2022	10:25 AM EDT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	6.1	4.0 - 11.0			EORLA	
		mmol/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood				24/10/2022 EDT	10:25 AM	24/10/2022 11:51 AM EDT
				EDT		EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OI	RDERABLES				
Porforming Organization	Address		City/Stata/71D Cada	Phone Num	bor	
Performing Organization EORLA	AUUIESS		City/State/ZIP Code	FIIOTIE NUM	IDEI	

(ABNORMAL) AUTOMAT	ED DIFFERENTIA	AL - Final r	esult (24/10/2022 10:25	AM EDT)		
		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	0.8	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	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood				24/10/2022 EDT	10:25 AM	24/10/2022 11:50 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

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

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	7.8	3.5 - 10.5 x10^9/L			EORLA	
RBC	3.44 (L)	4.00 - 5.50 x10^12/L			EORLA	
HGB	104 (L)	125 - 170 g/L			EORLA	
НСТ	0.327 (L)	0.380 - 0.500 L/L			EORLA	
MCV	95.1	80.0 - 100.0 fL			EORLA	
МСН	30.2	27.0 - 34.0 pg			EORLA	
МСНС	318	315 - 355 g/L			EORLA	
RDW	14.0	11.5 - 15.5 %			EORLA	
Plat	422 (H)	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 Loo Laterality	cation /	Collection Method / Volume	Collection ⁻	Time	Received Time
Blood (Blood, Venous)				24/10/2022		24/10/2022 11:50 AM
				- 1/ 10/ 2022		

				EDT		EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nur	nber	
EORLA						
BUN (UREA) - Final resu	ilt (24/10/202	2 10:25 Af Ref	VIEDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Urea	5.8	3.3 - 8.9 mmol/L			EORLA	
Specimen (Source)	Anatomical Lo Laterality	ocation /	Collection Method / Volume	Collection	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 O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nur	nber	
EORLA						
ALT - Final result (24/10		Ref	T	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	15	12 - 49 U/L			EORLA	
Specimen (Source)	Anatomical Lo Laterality	ocation /	Collection Method / Volume	Collection	Time	Received Time

	/ indiconnical Eocation /	concetion method /		
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
Blood (Blood, Venous)			24/10/2022 10:25 AM EDT	24/10/2022 11:51 AM EDT
Authorizing Provider	Result Type			
Arif Ali Awan	LAB BLOOD ORDERABLES			

Performing Organization	Address	City/State/ZIP Code	Phone Number
EORLA			

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

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
AST	10 (L)	12 - 29			EORLA	
		U/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)				24/10/2022 EDT	10:25 AM	24/10/2022 11:51 AM EDT
				EDT		EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	

EORLA

TSH - Final result (24/10)/2022 10:25 A					
Component	Value	Ref	Test Method	Analysis	Performed	Dathalagist Signatura
Component		Range	Test Method	Time	At	Pathologist Signature
TSH	1.66	0.27 - 4.20 mIU/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	ime	Received Time
Blood				24/10/2022 EDT	10:25 AM	24/10/2022 2:38 PM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF					
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
PROTEIN TOTAL - Final	result (24/10/2 Value	022 10:25 Ref Range	5 AM EDT) Test Method	Analysis Time	Performed At	Pathologist Signature
Protein Total	67	63 - 75			EORLA	
Specimen (Source)	Anatomical Loc Laterality	g/L ation /	Collection Method / Volume	Collection Ti	imo	Received Time
Blood (Blood, Venous)	Lateranty		Volume	24/10/2022		24/10/2022 11:51 AM
Biood (Biood, Venous)				EDT	10.25 AIVI	EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num		
EORLA						
ALKALINE PHOSPHATAS	SE - Final resul Value	t (24/10/2 Ref Range	2022 10:25 AM EDT) Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	112	50 - 112		Time	EORLA	
		U/L	Collection Method /		LONLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Volume	Collection Ti	ime	Received Time
Blood (Blood, Venous)				24/10/2022 EDT		24/10/2022 11:51 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	

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

EORLA

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

Mg	0.64 (L)	0.66 - 1.07 mmol/L		EORLA	
	Anatomical Lo	ocation /	Collection Method /		S . I .
Specimen (Source)	Laterality		Volume	Collection Time	Received Time
Blood (Blood, Venous)				24/10/2022 10:25 AM EDT	24/10/2022 11:51 AM EDT
Authorizing Provider	Result Type				
Arif Ali Awan	LAB BLOOD O	RDERABLES			
Performing Organization	Address		City/State/ZIP Code	Phone Number	
EORLA					

CALCIUM - Final result (24/10/2022 10:25 AM EDT)

	N N N		,			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Са	2.34	2.24 - 2.58 mmol/L			EORLA	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection 1	īme	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 OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						

BILIRUBIN, TOTAL - Final result (24/10/2022 10:25 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	<3	<=15			EORLA	
		umol/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection 1	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 OI	RDERABLES	5			
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						

(ABNORMAL) ALBUMIN - Final result (24/10/2022 10:25 AM EDT)								
		Ref		Analysis	Performed			
Component	Value	Range	Test Method	Time	At	Pathologist Signature		
Albumin	37 (L)	39 - 47			EORLA			
		g/L						
	Anatomical I	ocation /	Collection Method /					
Specimen (Source)	Laterality		Volume	Collection ⁻	Time	Received Time		

Blood (Blood, Venous)		24/10/2022 10:25 AM EDT			10:25 AM	24/10/2022 11:51 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ELECTROLYTE PANEL (E	LECTROLYTES)	Ref		AM EDT) Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	140	136 - 144 mmol/L			EORLA	
К	5.0	3.5 - 5.1 mmol/L			EORLA	
Cl	100	98 - 107 mmol/L			EORLA	
CO2	30	19 - 30 mmol/L			EORLA	
Anion Gap	10	8 - 16 mmol/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	Received Time
Blood				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				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

(ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (18/10/2022 10:13 AM EDT)

(ADITORINAL) AOTONIA			csult (10, 10, 2022 10.15	-		
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	3.7	2.0 - 7.5 x10^9/L			EORLA	
Lymphocyte	0.7 (L)	0.8 - 3.5			EORLA	
		x10^9/L				
Monocyte	0.6	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	0.0	<=0.1 x10^9/L			EORLA	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection 1	īme	Received Time
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				

Phone Number

EORLA

(ABNORMAL) CBC - Final result (18/10/2022 10:13 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	5.1	3.5 - 10.5 x10^9/L			EORLA	<u> </u>
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	
MCH	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	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	īme	Received Time
Blood (Blood, Venous)				18/10/2022 EDT		18/10/2022 10:44 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	nber	

(ABNORMAL) EGFR - Final result (18/10/2022 10:13 AM EDT)

Component Creatinine	Value 92	Ref Range Test Method 62 - 100 umol/L	Analysis Time	Performed At EORLA	Pathologist Signature
EGFR (CKD-EPI)	73 (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)			18/10/2022 10:13 AM EDT	18/10/2022 10:42 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 (18/10/2022 10:13 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
PO4	0.88	0.78 - 1.38 mmol/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality	*	Volume	Collection Ti	me	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 OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

GLUCOSE RANDOM - Final result (18/10/2022 10:13 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	7.3	4.0 - 11.0 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	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 OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

BUN (UREA) - Final result (18/10/2022 10:13 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Urea	5.0	3.3 - 8.9 mmol/L			EORLA	

	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection 1		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 OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
ALT - Final result (18/10)/2022 10·13 A	M FDT)				
	, LOLL 10.13 / (Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	12	12 - 49			EORLA	
		U/L				
	Anatomical Loc	ration /	Collection Method /			
Specimen (Source)	Laterality	auon /	Volume	Collection 1	īme	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 OF					
			,			
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
(ABNORMAL) AST - Final	rocult (18/10/2	022 10-13				
	Tesure (10/10/2	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
AST	11 (L)	12 - 29			EORLA	
		U/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection 1	īme	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 OF					
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
PROTEIN TOTAL - Final	result (18/10/2	022 10:1	3 AM EDT)			
		Ref	,	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Protein Total	73	63 - 75			EORLA	
		g/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection 1	īme	Received Time
Blood (Blood, Venous)				18/10/2022	10:13 AM	18/10/2022 10:42 AM
				EDT		EDT
Authorizing Provider	Result Type					
A GUIDHZING FIDVIUEI	icour type					

Arif Ali Awan	LAB BLOOD ORDERABLES						
Performing Organization	Address		City/State/ZIP Code	Phone Number			
EORLA							
ALKALINE PHOSPHATA	SE - Final result	t (18/10/2	2022 10:13 AM EDT)				
		Ref		Analysis	Performed		
Component	Value	Range	Test Method	Time	At	Pathologist Signature	
ALP	70	50 - 112 U/L			EORLA		
		0/1					
	Anatomical Loc	ation /	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	DERABLES					
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber		
EORLA			<i>.</i>				
MAGNESIUM - Final res	ul+ (19/10/202	ο 1∩·1ο Λ					
WAGNESIOW - FINALIES	uit (10/10/2024	Ref		Analysis	Performed		
Component	Value	Range	Test Method	Time	At	Pathologist Signature	
Mg	0.66	0.66 -			EORLA		
		1.07 mmol/L					
		THINOI/ L					
	Anatomical Loc	ation /	Collection Method /				
Specimen (Source)	Laterality		Volume	Collection Time		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	DERABLES					
Performing Organization	Address		City/State/ZIP Code	Phone Number			
EORLA			, , , , , , , , , , , , , , , , , , ,				
CALCIUM - Final result (10/10/2022 10	·12 ANA E					
CALCIOM - Final result (10/10/2022 10	Ref		Analysis	Performed		
Component	Value	Range	Test Method	Time	At	Pathologist Signature	
Са	2.32	2.24 -			EORLA		
		2.58 mmol/L					
		THINOI/ L					
	Anatomical Loc	ation /	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	DERABLES					
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber		
EORLA							

BILIRUBIN, TOTAL - Fina	al result (18/10	/2022 10:	13 AM EDT)			
-		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L			EORLA	
	Anatomical Lo	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 OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) ALBUMIN -	Final result (18	8 /10/2022 Ref	10:13 AM EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Albumin	38 (L)	39 - 47 g/L			EORLA	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ime	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 OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) ELECTROLY	-	CTROLYTE Ref		022 10:13 AM Analysis	EDT) Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	136	136 - 144 mmol/L			EORLA	
К	4.8	3.5 - 5.1			EORLA	

		THINOI/L			
CI	97 (L)	98 - 107 mmol/L		EORLA	
CO2	30	19 - 30 mmol/L		EORLA	
Anion Gap	9	8 - 16 mmol/L		EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Time	Received Time
Blood				18/10/2022 10:13 AM EDT	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 Number	

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

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

Comment:

An eGFR result between 60-89 mL/min/1.73 m² 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 Loo Laterality	cation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood				05/10/2022	9:25 AM EDT	05/10/2022 9:41 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
GLUCOSE RANDOM - F	inal result (05/	(10/2022) Ref Bange	9:25 AM EDT) Test Method	Analysis Time	Performed At	Pathologist Signature

Glucose Random 6.9		4.0 - 11.0 mmol/L		EORLA
	Anatomic	al Location /	Collection Method /	

Specimen (Source)	Laterality		Volume	Collection Time		Received Time
Blood				05/10/2022	9:25 AM EDT	05/10/2022 9:41 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR					
Performing Organization	Address		City/State/ZIP Code	Phone Num	ıber	
EORLA						
(ABNORMAL) AUTOMATI	ED DIFFERENTI/	AL - Final r	esult (05/10/2022 9:25 A	AM EDT)		
		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	:ation /	Collection Method / Volume	Collection T	imo	Received Time
Blood	Lateranty		Voluttie			05/10/2022 9:42 AM EDT
DIUUU				03/10/2022		
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ıber	
EORLA						

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

(ABNORMAL) CBC - Final result (05/10/2022 9:25 AM EDT)							
		Ref		Analysis	Performed		
Component	Value	Range	Test Method	Time	At	Pathologist Signature	
WBC	7.5	3.5 - 10.5 x10^9/L			EORLA		
RBC	3.86 (L)	4.00 - 5.50 x10^12/L			EORLA		
HGB	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 g/L			EORLA		
RDW	12.7	11.5 - 15.5 %			EORLA		
Plat	346	130 - 380 x10^9/L			EORLA		
MPV	8.6 (L)	9.0 - 14.0			EORLA		

		fL				
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection T	ïme	Received Time
Blood (Blood, Venous)						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	ber	
EORLA						
ALT - Final result (05/10)/2022 9:25 AN	/I EDT) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
ALT	14	12 - 49			EORLA	
		U/L			-	
Specimen (Source)	Anatomical Loo Laterality	cation /	Collection Method / Volume	Collection T	imo	Received Time
Blood (Blood, Venous)	Lateranty		volume		-	05/10/2022 9:41 AM EDT
				03,10,2022	J.LJ MIN LD I	
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES	5			
Performing Organization	Address		City/State/ZIP Code	Phone Num	hor	
EORLA	Address		City/State/ZiF Code	FIIOTIE Mutit	IDEI	
(ABNORMAL) AST - Final	result (05/10/2		AM EDT)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
AST	10 (L)	12 - 29		Time	EORLA	
		U/L			LONEX	
Spacimon (Source)	Anatomical Lo	cation /	Collection Method / Volume	Collection T	imo	Received Time
Specimen (Source) Blood (Blood, Venous)	Laterality		volume			05/10/2022 9:41 AM EDT
				03/10/2022		UJ TUJ ZUZZ J.4 TAIVI LUT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Addross		City/State/71D Code	Phone Num	bor	
EORLA	AUULESS		City/State/ZIP Code	Phone Num	IDEI	
PROTEIN TOTAL - Final	result (05/10/2	2022 9:25	AM EDT)			

Ref Analysis Time Performed Pathologist Signature Component Value Range Test Method At Protein Total 73 63 - 75 EORLA g/L Anatomical Location / Collection Method / Specimen (Source) Volume **Collection Time Received Time** Laterality 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	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ALKALINE PHOSPHATA	SE - Final resul		2022 9:25 AM EDT)	Anglusia	Doutournod	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	90	50 - 112			EORLA	
	50	U/L			LONEX	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	y			05/10/2022	9:25 AM EDT	05/10/2022 9:41 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) MAGNESIU	M - Final result Value	(05/10/20 Ref Range	22 9:25 AM EDT) Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.63 (L)	0.66 -	rest method	Time	EORLA	
Specimen (Source) Blood (Blood, Venous)	Anatomical Loc Laterality	1.07 mmol/L cation /	Collection Method / Volume	Collection T	ime 9:25 AM EDT	Received Time 05/10/2022 9:41 AM EDT
				03/10/2022	5.257111201	05,10,2022 5.41 / 101 201
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
CALCIUM - Final result (05/10/2022 9:; Value	25 AM ED Ref Range	T) Test Method	Analysis Time	Performed At	Pathologist Signature
Ca	2.37	2.24 -			EORLA	
cu		2.58 mmol/L				
Specimen (Source)	Anatomical Loc Laterality	cation /	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	RDERABLES				
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 umol/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	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						

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

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Albumin	40	39 - 47			EORLA	
		g/L				
	Anatomical Lo	cation /	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 OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

(ABNORMAL) ELECTROLYTE PANEL (ELECTROLYTES) - Final result (05/10/2022 9:25 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	138	136 - 144 mmol/L			EORLA	
К	4.8	3.5 - 5.1 mmol/L			EORLA	
CI	98	98 - 107 mmol/L			EORLA	
CO2	32 (H)	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				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						

ECG 12-LEAD - Final result (26/09/2022 11:10 AM EDT)

		Ref		Analysis	Performed	Pathologist
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	

			E	CG
S-T Horizontal Axis	45			OH
				HILIPS CG
S-T Front Axis	58			ОН
			Р	HILIPS
			E	CG
ECG Severity	- OTHERWISE NORMAL ECG -			ОН
				HILIPS CG
TOUTNAL				
TOHFM Link	TOHFM/20220930/TRACEMAS 185e35af-659a-4009-b2e0-	DIEK-		OH HILIPS
	05f99a996e68.PDF			CG
	Anatomical Location /	Collection Method /		
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
			26/09/2022 11:10 AN	M
			EDT	
Narrative				
	an attachment that is	not available		
This result has	an accaciment chac 13	not available.		
Authorizing Provider	Result Type			
Arif Ali Awan	ECG ORDERABLES			
Performing Organiza	ition Address	City/State/ZIP Code	Phone Number	

URINALYSIS -	Final	result	(26/09,	/2022	11	:00	AM	EDT)
						<i>c</i>			

TOH PHILIPS ECG

UNINALISIS - FIIIdi Tesu						
	Ref		T () ()	Analysis	Performed	
Component	Value Rar	nge	Test Method	Time	At	Pathologist Signature
Colour Urine	Yellow				EORLA	
Appearance Urine	Clear				EORLA	
Glucose Urine	Negative				EORLA	
Bilirubin Urine	Negative				EORLA	
Ketones Urine	Negative				EORLA	
Specific Gravity Urine	1.022 1.00 1.03	05 - 30			EORLA	
Blood Urine	Negative				EORLA	
pH Urine	7.0				EORLA	
Protein Urine	Negative				EORLA	
Urobilinogen Urine	Normal				EORLA	
Nitrite Urine	Negative				EORLA	
Leukocyte Esterase Urine	Negative				EORLA	
Urine Microscopy	Not Performed				EORLA	
Comment: Microscopic e normal limits.	·			od, protein, ni	trite, leucocy	te esterase) was within
Cooring on (Course)	Anatomical Location	n /	Collection Method / Volume	Collection 7		Received Time
Specimen (Source)	Laterality		volume		_	
Urine				26/09/2022 EDT	2 TT:00 AM	26/09/2022 11:08 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB URINE ORDERA	BLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	

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

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

Comment:

An eGFR result between 60-89 mL/min/1.73 m² 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.

6.2

4.0 - 11.0

mmol/L

Glucose Random

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	ation /	Collection Method /			
Specimen (Source)	Laterality	ation /	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				26/09/2022 EDT	10:55 AM	26/09/2022 11:13 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
PHOSPHATE - Final resu Component	ult (26/09/2022 Value	10:55 Al Ref Range	M EDT) Test Method	Analysis Time	Performed At	Pathologist Signature
PO4	1.02	0.78 - 1.38 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	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 OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
GLUCOSE RANDOM - F	inal result (26/(10:55 AM EDT)	A 1 .		
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature

EORLA

	Anatomical Loc	ation /	Collection Method / Volume	Collection Time		Received Time
Specimen (Source)	Laterality		volume			
Blood				26/09/2022 10:55 AM EDT		26/09/2022 11:13 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
AUTOMATED DIFFEREN		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	7.5	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	0.2	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 Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
	Lateranty		Volume			
Blood				26/09/2022 EDT	10:55 AIVI	26/09/2022 11:14 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) CBC - Final	result (26/09/2	022 10:55	AM EDT)	A 1 .		

		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	
HGB	115 (L)	125 - 170 g/L			EORLA	
НСТ	0.359 (L)	0.380 - 0.500 L/L			EORLA	
MCV	94.7	80.0 - 100.0 fL			EORLA	
МСН	30.3	27.0 - 34.0 pg			EORLA	
МСНС	320	315 - 355 g/L			EORLA	
RDW	13.0	11.5 -			EORLA	

		15.5 %				
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	
	Anatomical Loc	ation /	Collection Method / Volume	Collection T		Received Time
Specimen (Source) Blood (Blood, Venous)	Laterality		volume	26/09/2022		26/09/2022 11:14 AM
blood (blood, venous)				EDT	10.55 AM	EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
URIC ACID (URATE) - Fi	nal result (26/0 Value	9/2022 1 Ref Range	0:55 AM EDT) Test Method	Analysis Time	Performed At	Pathologist Signature
Uric Acid	270	208 - 400			EORLA	
		umol/L				
Specimen (Source) Blood (Blood, Venous)	Anatomical Loc Laterality		Collection Method / Volume	Collection T 26/09/2022 EDT		Received Time 26/09/2022 11:13 AM EDT
Blood (Blood, Venous)	Laterality			26/09/2022		26/09/2022 11:13 AM
		ation /		26/09/2022		26/09/2022 11:13 AM
Blood (Blood, Venous) Authorizing Provider	Laterality Result Type LAB BLOOD OR	ation /		26/09/2022	10:55 AM	26/09/2022 11:13 AM
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan	Laterality Result Type LAB BLOOD OR	ation /	Volume	26/09/2022 EDT	10:55 AM	26/09/2022 11:13 AM
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization EORLA BUN (UREA) - Final resu	Laterality Result Type LAB BLOOD OR Address	DERABLES	Volume City/State/ZIP Code	26/09/2022 EDT Phone Num Analysis	10:55 AM ber Performed	26/09/2022 11:13 AM EDT
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization EORLA BUN (UREA) - Final resu Component	Laterality Result Type LAB BLOOD OR Address Ilt (26/09/2022 Value	DERABLES	Volume City/State/ZIP Code	26/09/2022 EDT Phone Num	10:55 AM ber Performed At	26/09/2022 11:13 AM
Blood (Blood, Venous) <u>Authorizing Provider</u> Arif Ali Awan <u>Performing Organization</u> EORLA BUN (UREA) - Final resu <u>Component</u> Urea	Laterality Result Type LAB BLOOD OR Address Ilt (26/09/2022 Value 6.0 Anatomical Loc	DERABLES	Volume City/State/ZIP Code / EDT) Test Method Collection Method /	26/09/2022 EDT Phone Num Analysis Time	10:55 AM ber Performed At EORLA	26/09/2022 11:13 AM EDT Pathologist Signature
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization EORLA BUN (UREA) - Final result Component Urea	Laterality Result Type LAB BLOOD OR Address Ilt (26/09/2022 Value 6.0	DERABLES	Volume City/State/ZIP Code / EDT) Test Method	26/09/2022 EDT Phone Num Analysis Time Collection T	10:55 AM ber Performed At EORLA	26/09/2022 11:13 AM EDT Pathologist Signature Received Time
Blood (Blood, Venous) <u>Authorizing Provider</u> Arif Ali Awan <u>Performing Organization</u> EORLA BUN (UREA) - Final resu <u>Component</u> Urea	Laterality Result Type LAB BLOOD OR Address Ilt (26/09/2022 Value 6.0 Anatomical Loc	DERABLES	Volume City/State/ZIP Code / EDT) Test Method Collection Method /	26/09/2022 EDT Phone Num Analysis Time	10:55 AM ber Performed At EORLA	26/09/2022 11:13 AM EDT Pathologist Signature
Blood (Blood, Venous) <u>Authorizing Provider</u> Arif Ali Awan <u>Performing Organization</u> EORLA BUN (UREA) - Final resu <u>Component</u> Urea <u>Specimen (Source)</u> Blood (Blood, Venous)	Laterality Result Type LAB BLOOD OR Address Ilt (26/09/2022 Value 6.0 Anatomical Loc Laterality	DERABLES	Volume City/State/ZIP Code / EDT) Test Method Collection Method /	26/09/2022 EDT Phone Num Analysis Time Collection T 26/09/2022	10:55 AM ber Performed At EORLA	26/09/2022 11:13 AM EDT Pathologist Signature Received Time 26/09/2022 11:13 AM
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization EORLA BUN (UREA) - Final result Component Urea	Laterality Result Type LAB BLOOD OR Address Ilt (26/09/2022 Value 6.0 Anatomical Loc	DERABLES 10:55 AN Ref Range 3.3 - 8.9 mmol/L ration /	Volume City/State/ZIP Code / EDT) Test Method Collection Method /	26/09/2022 EDT Phone Num Analysis Time Collection T 26/09/2022	10:55 AM ber Performed At EORLA	26/09/2022 11:13 AM EDT Pathologist Signature Received Time 26/09/2022 11:13 AM
Blood (Blood, Venous) Authorizing Provider Arif Ali Awan Performing Organization EORLA BUN (UREA) - Final result Component Urea Specimen (Source) Blood (Blood, Venous) Authorizing Provider	Laterality Result Type LAB BLOOD OR Address Ilt (26/09/2022 Value 6.0 Anatomical Loc Laterality Result Type LAB BLOOD OR	DERABLES 10:55 AN Ref Range 3.3 - 8.9 mmol/L ration /	Volume City/State/ZIP Code / EDT) Test Method Collection Method /	26/09/2022 EDT Phone Num Analysis Time Collection T 26/09/2022	10:55 AM ber Performed At EORLA ime 10:55 AM	26/09/2022 11:13 AM EDT Pathologist Signature Received Time 26/09/2022 11:13 AM

EORLA

ALT - Final result (26/09/2022 10:55 AM EDT)

Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	13	12 - 49 U/L			EORLA	
Specimen (Source)	Anatomical Lo Laterality		Collection Method / Volume	Collection	Time	Received Time
Blood (Blood, Venous)				26/09/202 EDT	22 10:55 AM	26/09/2022 11:13 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES	5			
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Nu	Imber	

AST - Final result (26/09/2022 10:55 AM EDT)

· · · ·						
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
AST	15	12 - 29			EORLA	
		U/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection 1	īme	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 OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						

PROTEIN TOTAL - Final result (26/09/2022 10:55 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Protein Total	74	63 - 75 g/L			EORLA	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection 7	Time	Received Time
Blood (Blood, Venous)				26/09/2022 EDT	2 10:55 AM	26/09/2022 11:13 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						
ALKALINE PHOSPHATA	SE (ALP) - Fina	al result (2 Ref	6/09/2022 10:55 AM EI	DT) Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	72	50 - 112 U/L		-	EORLA	
	Anatomical Lo	cation /	Collection Method /			

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

Blood (Blood, Venous)				26/09/2022 EDT	2 10:55 AM	26/09/2022 11:13 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD (ORDERABLES	5			
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						
MAGNESIUM - Final res		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Mg	0.69	0.66 - 1.07 mmol/L			EORLA	
Specimen (Source)	Anatomical L Laterality	ocation /	Collection Method / Volume	Collection -	Time	Received Time
Blood (Blood, Venous)				26/09/2022 EDT	2 10:55 AM	26/09/2022 11:13 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD (ORDERABLES	5			
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						
(ABNORMAL) LACTATE D		ASE - Final I Ref		5 AM EDT) Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
LD	272 (H)	99 - 186 U/L			EORLA	

	0/2			
Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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				

CALCIUM - Final result (26/09/2022 10:55 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Са	2.40	2.24 - 2.58 mmol/L			EORLA	
	Anatomical L	ocation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection	Time	Received Time
Blood (Blood, Venous)				26/09/2022 EDT	2 10:55 AM	26/09/2022 11:13 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD	ORDERABLES	5			

Phone Number

BILIRUBIN, TOTAL - Final result (26/09/2022 10:55 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L			EORLA	
Specimen (Source)	Anatomical Lo Laterality	ocation /	Collection Method / Volume	Collection ⁻	Time	Received Time
Blood (Blood, Venous)				26/09/2022 EDT	2 10:55 AM	26/09/2022 11:13 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES	5			
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						
ALBUMIN - Final result Component	(26/09/2022 ⁻ Value	Ref Range	EDT) Test Method	Analysis Time	Performed At	Pathologist Signature
Albumin	39	39 - 47 g/L			EORLA	
Specimen (Source)	Anatomical Lo Laterality	ocation /	Collection Method / Volume	Collection ⁻	Time	Received Time
Blood (Blood, Venous)				26/09/2022 EDT		26/09/2022 11:13 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD O	RDERABLES	5			
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						

(ABNORMAL) ELECTROLYTE PANEL (ELECTROLYTES) - Final result (26/09/2022 10:55 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	139	136 - 144 mmol/L			EORLA	
К	4.6	3.5 - 5.1 mmol/L			EORLA	
CI	100	98 - 107 mmol/L			EORLA	
CO2	32 (H)	19 - 30 mmol/L			EORLA	
Anion Gap	7 (L)	8 - 16 mmol/L			EORLA	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
Blood				26/09/2022 EDT	10:55 AM	26/09/2022 11:13 AM EDT

Arif Ali Awan	LAB BLOOD ORDERABLE	S		
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				
CT NECK W IV CONTRA	ST - Final result (07/09			
Anatomical Region	Laterality	Modality		
Neck		7	Tomography	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			19/09/2022 8:14 AM EI	
Impressions ATL POWERSCRIBE - 2	19/09/2022 4:36 PM	EDT		
Known ulcerated mass nodes, including the	centered in the tongue conglomerate nodal mas		neck and enlarged meta	Increased size of lymph astatic soft tissue e neck.
Juvel Lee, PGY 3				
For report clarificat	ion: rads@toh.ca			
Narrative				
ATL POWERSCRIBE - 1 CT SCAN OF THE NECK	19/09/2022 4:36 PM	EDT		
CLINICAL HISTORY: "re	search"			
	es of the neck were ob and coronal reformats	otained during IV contr were also obtained.	rast injection, using	bone and soft tissue
COMPARISON: August 9,	2022.			
FINDINGS:				
tongue, lingual surfa measure but appears s	ce of the epiglottis, lightly more prominent		ht oropharynx. This r	
		ive of focal cord paral		e. Mind deronancy of the
				easures 5.3 x 3.1 cm in rior aspect of this nodal
	us 1.2 cm prior.).8 cm versus 1.3 cm pr	ior. Right level III,	/IV node is larger,
	ion has increased in s	previously described ir		l muscles are again seen. .3 cm prior. The
Of note, there are ad	lditional subcentimeter	r nodules elsewhere in n prior, and are more p	the right paraspinal prominent on current o	muscles, as seen on exam though comparable in
		e suboccipital muscles	is not significantly	changed, measuring 2.2 x
Increased prominence associated attenuatio	of an ill-defined enha n of the right interna	ancing lesion under the al jugular vein, slight	e right skull base (se ly more prominent fro	eries 6:28). There is om prior.
		orbits show no concerni ne paranasal cavities a		. Stable minimal mucosal rwise clear.
Stable skin thickenin changes.	g and fat stranding of	⁼ the right aspect of t	che neck, in keeping w	with postradiation
No acute or aggressiv	e osseous lesion.			
CT chest and abdomen	separately reported.			

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:

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 x 3.1 cm in axial dimensions, previously 4.6 x 2.9 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 x 2.3 cm versus 2.1 x 2.2 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.

IMPRESSION:

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

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 (07/09/2022 4:41 PM EDT)

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Chest	Computed Tomography						
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time			
			12/09/2022 10:55 PM EDT				
Impressions							
1. Slightly increased	n size of right axillar ificant change.	As previously suggeste	d, drug reaction sho	uld be considered.			
ATL POWERSCRIBE - 1 CT CHEST WITH CONTRAST	2/09/2022 11:02 PM (ROUTINE)	EDT					
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). 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.							
		erative changes of the	spine. Comparable no	naggressive sclerotic			
Procedure Note							
Anuj Sharan Dixit - 12/09 Formatting of this note mi CT CHEST WITH CONTRAS	ight be different from the c	original.					

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). 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. _____ **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 Performing Organization Address

ATL POWERSCRIBE

City/State/ZIP Code

Phone Number

CT ABDOMEN PELVIS	W IV CONTRAST - Final	result (07/09/2022 4:4	1 PM EDT)	
Anatomical Region	Laterality	Modality	-	
Body, Abdomen, Pelvis, Y	1	Compute	d Tomography	
	Anatomical Location /	Collection Method /		
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
			09/09/2022 7:46 AM	EDT
Impressions				
ATL POWERSCRIBE -	09/09/2022 7:49 AM of a solitary hepatic			
		metastasis.		
For report clarifica	tion: rads@toh.ca			
Narrative				
ATL POWERSCRIBE - CT ABDOMEN & PELVIS	09/09/2022 7:49 AM	EDT		
TECHNIQUE: Routine p COMPARISON: CT May 1	ngeal cancer, research ortal venous phase cont 3. 2022.	trast-enhanced evaluat	tion. Oral contrast w	as not given.
HEPATOBILIARY SYSTEM	-			
Liver: Interval en	largement of a 2.8 cm h	nypodense mass in the	right hepatic lobe,	segment 5/6 (previously 10
Biliary Tree: No i	st in segment 6. No oth mportant gallbladder al	ner new hepatic findir onormality. No importa	ng. ant abnormality of th	e biliary tree.
Pancreas: No impor	tant abnormality. CT: No important abnorm	nality	-	
GENITOURINARY SYSTEM	:			
	No important abnormali			
Urinary Bladder: N Reproductive Organ	o important abnormality s: Prostatomegaly.	<i>.</i>		
LYMPHATIC SYSTEM: NO	important abnormality	of the spleen. No lyn	nphadenopathy.	
PERITONEUM, RETROPER	ITONEUM & MESENTERY: No re is a degree of abdor	o important abnormalii	ty.	rmal infranceal
dilatation. No venou	s abnormality.			
BONES / BODY WALL: N LOWER THORAX (lung b	o important bony abnorr ases, heart): CT chest	nality. No body wall a reported separately.	abnormality.	
Procedure Note				
Geoffrey Paul Doherty	- 09/09/2022 night be different from the	original		
CT ABDOMEN & PELVIS	night be unterent nom the	original.		
	and concor recoarch			
INDICATION: Oropharyn TECHNIQUE: Routine po	rtal venous phase contrast-	enhanced evaluation. Ora	al contrast was not given.	
COMPARISON: CT May 1			5	
HEPATOBILIARY SYSTEM:				
Liver: Interval enlargeme	ent of a 2.8 cm hypodense	mass in the right hepatic	lobe, segment 5/6 (previo	ously 10 mm). Stable 18 mm
cyst in segment 6. No ot Biliary Tree: No importa	her new hepatic finding. nt gallbladder abnormality.	No important abnormalit	ty of the hilippy tree	
Pancreas: No important			ly of the billing tree.	
	ACT: No important abnorma	ality.		
GENITOURINARY SYSTEM Adrenals: No important				
Kidneys / Ureters: No im	portant abnormality.			
Urinary Bladder: No imp Reproductive Organs: Pr				
Reproductive Organs: Pr	ostatomegaly.			
	important abnormality of			
	RITONEUM & MESENTERY: e is a degree of abdomina			al dilatation. No venous

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.

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)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Heart Rate	97				TOH PHILIPS ECG	5
RR Interval	620				TOH PHILIPS ECG	
Atrial Rate	98				TOH PHILIPS ECG	
PR Interval	141				TOH PHILIPS ECG	
P Duration	95				toh Philips Ecg	
P Horizontal Axis	24				toh Philips Ecg	
P Front Axis	50				toh Philips Ecg	
Q Onset	502				TOH PHILIPS ECG	
QRSD Interval	94				TOH PHILIPS ECG	
QT Interval	344				toh Philips Ecg	
QTcB	437				toh Philips Ecg	
QTcF	404				toh Philips Ecg	
QRS Horizontal Axis	10				toh Philips Ecg	
QRS Axis	11				ТОН	

					PHILIP ECG	S	
I-40 Horizontal Axis	43				TOH PHILIP ECG	S	
I-40 Front Axis	-18				TOH PHILIP ECG	S	
T-40 Horizontal Axis	-44				TOH PHILIP ECG	S	
T-40 Front Axis	54				TOH PHILIP ECG	S	
T Horizontal Axis	47				TOH PHILIP ECG	S	
T Wave Axis	46				TOH PHILIP ECG	S	
S-T Horizontal Axis	61				TOH PHILIP ECG	S	
S-T Front Axis	77				TOH PHILIP ECG	S	
ECG Severity	- NORMAL ECG -				TOH PHILIP ECG	S	
TOHFM Link		OHFM/20220911/TRACEMASTER- 25276519-7868-43b6-9179- 87cf70826406.PDF			TOH PHILIPS ECG		
Specimen (Source)	Anatomical Lo Laterality	ocation /	Collection Method / Volume	Collection T		Received Time	
N				06/09/2022 EDT	11:08 AM		
Narrative This result has	an attachment	that is	not available.				
Authorizing Provider	Result Type						
Arif Ali Awan	ECG ORDERA	BLES					
Performing Organiza	ition Address		City/State/ZIP Code	Phone Num	iber		
(ABNORMAL) URINA	ALYSIS, MICROSCO		result (06/09/2022 11:00				
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature	
Cast Type Urine	Hyaline	Nange	I EST METHOU	TITLE	EORLA		
Cast Quantitation	<5 (A)	/LPF			EORLA		
Urine/LPF							
Other Elements Urin	e Mucus (A)				EORLA		
	Anatomical L	ocation /	Collection Method /				
Specimen (Source)	Laterality		Volume	Collection T		Received Time	
Urine (Urine, Clean C	Catch)			06/09/2022 EDT	11:00 AM	06/09/2022 11:38 AM EDT	

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

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

		Ref		Analysis	Performed	
Component	Value	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	1.019	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 Loc Laterality	ation /	Collection Method / Volume	Collection Ti		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 ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
EORLA			

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

Component Creatinine	Value 94	Ref Range Test Method 62 - 100 umol/L	Analysis Time	Performed At EORLA	Pathologist Signature
EGFR (CKD-EPI)	72 (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.

Anatomical Location / Collection Method /

Specimen (Source)	Laterality		Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)				06/09/2022 10:55 AM EDT		06/09/2022 11:43 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	DERABLES				
Derforming Organization	Addrocc		City/State/ZID Code	Phone Num	hor	
Performing Organization EORLA	Audress		City/State/ZIP Code	Phone Num	bei	
PHOSPHATE - Final resu	ult (06/09/2022	2 10:55 AN Ref	M EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
PO4	1.14	0.78 - 1.38 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood				06/09/2022 EDT	10:55 AM	06/09/2022 11:43 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF					
	A. J. J			Dhara Na a	L	
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
EURLA						
GLUCOSE RANDOM - F Component	inal result (06/ Value	09/2022 ⁻ Ref Range	10:55 AM EDT) Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	7.0	4.0 - 11.0			EORLA	
		mmol/L				
Specimen (Seurce)	Anatomical Loc	ation /	Collection Method /	Collection T		Deceived Time
Specimen (Source) Blood	Laterality		Volume	Collection Ti 06/09/2022		Received Time 06/09/2022 11:43 AM
ыооа				EDT	10.55 Alvi	EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
EORLA	71001033		City/State/Zir Code			

(ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (06/09/2022 10:55 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	9.6 (H)	2.0 - 7.5 x10^9/L			EORLA	
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			EORLA	

		x10^9/L			
Immature Granulocyte	0.0	<=0.1 x10^9/L		EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Time	Received Time
Blood				06/09/2022 10:55 AM EDT	06/09/2022 11:43 AM EDT
Authorizing Provider	Result Type				
Arif Ali Awan	LAB BLOOD OR	RDERABLES			
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Number	

HEPATITIS C TOTAL ANTIBODY - Final result (06/09/2022 10:55 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Hepatitis C Virus Antibody	Non-Reactive				EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection ⁻	Time	Received Time
Blood (Blood, Venous)				06/09/2022 EDT	2 10:55 AM	06/09/2022 3:12 PM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	ATL LAB PHL O	RDERABLE	S			
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						

HEPATITIS B VIRUS CORE TOTAL ANTIBODY - Final result (06/09/2022 10:55 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Hepatitis B Core Total Antibody	Non-Reactive				EORLA	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		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	RDERABLE	S			
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
HEPATITIS B SURFACE A		Ref		Analysis	Performed	Dath datist Circust
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Hepatitis B Surface Antigen	Non-Reactive				EORLA	

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

Blood (Blood, Venous)				06/09/2022 10:55 AM 06/09/2022 3:12 F EDT		06/09/2022 3:12 PM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	ATL LAB PHL O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA			,			
(ABNORMAL) CBC - Final	result (06/09/2	022 10:55 / Ref	AM EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	11.3 (H)	3.5 - 10.5 x10^9/L			EORLA	5 5
RBC	4.12	4.00 - 5.50 x10^12/L			EORLA	
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				EORLA	
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection 1	īme	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	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						

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

Component	Value	Ref	Test Method	Analysis	Performed	Dathalagist Cignatura
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Uric Acid	253	208 - 400 umol/L			EORLA	
Specimen (Source)	Anatomical Lo Laterality	ocation /	Collection Method / Volume	Collection ⁻	Гime	Received Time
Blood (Blood, Venous)				06/09/2022	2 10:55 AM	06/09/2022 11:43 AM

				EDT		EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
BUN (UREA) - Final resu	ılt (06/09/2022	2 10:55 AN	/I EDT)			
		Ref	,	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Urea	5.9	3.3 - 8.9			EORLA	
		mmol/L				
	Anatomical Loo	ration /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	ime	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	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			-			
ALT - Final result (06/09)/2022 10·55 Δ	M FDT)				
	7 LOLL 10.33 A	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature

1		5			5 5
ALT	12	12 - 49 U/L		EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)				06/09/2022 10:55 AM EDT	06/09/2022 11:43 AM EDT
Authorizing Provider	Result Type				
Arif Ali Awan	LAB BLOOD OR	RDERABLES			
Performing Organization	Address		City/State/ZIP Code	Phone Number	
EORLA					

AST - Final result (06/09/2022 10:55 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
AST	15	12 - 29			EORLA	
		U/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection ⁻	Time	Received Time
Blood (Blood, Venous)				06/09/2022	2 10:55 AM	06/09/2022 11:43 AM
				EDT		EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nun		

EORLA

(ABNORMAL) PROTEIN TO	OTAL - Final re	esult (06/09) Ref	/2022 10:55 AM EDT)	Applycic	Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
Protein Total	77 (H)	63 - 75			EORLA	
		g/L				
	Anatomical Lo	a cation /	Collection Mathed (
Specimen (Source)	Laterality	ocation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				06/09/2022		06/09/2022 11:43 AM
				EDT		EDT
Authorizing Duguiday	Desult Tures					
Authorizing Provider Arif Ali Awan	Result Type					
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
ALKALINE PHOSPHATA		al recult (0				
ALKALINE PHOSPHATA	SE (ALP) - FII	Ref	0/09/2022 10.55 AIVI I	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	80	50 - 112			EORLA	
		U/L				
	Anatomical Lo	acation /	Collection Method /			
Specimen (Source)	Laterality	ocation /	Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				06/09/2022		06/09/2022 11:43 AM
				EDT		EDT
Authorizing Provider Arif Ali Awan	Result Type					
ATTI ATI AWATI		JKDEKADLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
		10.FF A				
MAGNESIUM - Final res	uit (06/09/20	Ref	IVI EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Mg	0.68	0.66 -			EORLA	
		1.07				
		mmol/L				
	Anatomical Lo	ocation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ïme	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 C	ORDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
(ABNORMAL) LACTATE D	EHYDROGEN/	ASE - Final r	esult (06/09/2022 10:55	AM EDT)		
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature

LD	284 (H)	99 - 186 U/L		EORLA	
	Anatomical Lo	cation /	Collection Method /		
Specimen (Source)	Laterality		Volume	Collection Time	Received Time
Blood (Blood, Venous)				06/09/2022 10:55 AM EDT	06/09/2022 11:43 AM EDT
Authorizing Provider	Result Type				
Arif Ali Awan	LAB BLOOD OF	RDERABLES			
Performing Organization	Address		City/State/ZIP Code	Phone Number	
EORLA					

CALCIUM - Final result (06/09/2022 10:55 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Са	2.48	2.24 - 2.58 mmol/L			EORLA	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection T	ïme	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 OR	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

BILIRUBIN, TOTAL - Final result (06/09/2022 10:55 AM EDT)

Blood (Blood, Venous)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	6	<=15			EORLA	
		umol/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection ⁻	Time	Received Time
Blood (Blood, Venous)				06/09/2022	2 10:55 AM	06/09/2022 11:43 AM
				EDT		EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD C	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Nun	nber	
	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA				Phone Nun	nber	
EORLA ALBUMIN - Final result		Ref	EDT)	Analysis Time	nber Performed At	Pathologist Signature
EORLA	(06/09/2022			Analysis	Performed	Pathologist Signature
EORLA ALBUMIN - Final result Component	(06/09/2022 ⁻ Value	Ref Range	EDT)	Analysis	Performed At	Pathologist Signature
EORLA ALBUMIN - Final result Component	(06/09/2022 ⁻ Value	Ref Range 39 - 47 g/L	EDT)	Analysis	Performed At	Pathologist Signature

06/09/2022 10:55 AM

06/09/2022 11:43 AM

				EDT		EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORI	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			<i>.</i>			
	TE DANIEL (ELEC			0000 40.FF ANA		
(ABNORMAL) ELECTROLY	TE PANEL (ELEC	Ref) - Final result (06/09/2	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na		136 - 144 mmol/L			EORLA	
К		3.5 - 5.1 mmol/L			EORLA	
CI		98 - 107 mmol/L			EORLA	
CO2		19 - 30 mmol/L			EORLA	
Anion Gap	-	8 - 16 mmol/L			EORLA	
	Anatomical Loca	ation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection T	ime	Received Time
Blood				06/09/2022 EDT	10:55 AM	06/09/2022 11:43 AM EDT
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORI	DERABLES				
Deufermine Oreceitetien			City (Chante /ZID C a da	Dhana Num		
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
EURLA						
HUMAN IMMUNODEFIC	CIENCY VIRUS (HIV) SER	OLOGY (ROUTINE) - F	inal result (06	/09/2022 10	:44 AM EDT)
	Anatomical Loca	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood				06/09/2022 EDT	10:44 AM	06/09/2022 12:29 PM EDT
				LDT		
Narrative						
EORLA - 08/09/2022 Final Report:	8:27 AM EDT					
HIV-1/2 Ag/Ab Combo So Interpretation: HIV p2 Testing performed at F 4745)	24 antigen NOT	detected	. HIV-1/HIV-2 antibo aboratories, 181 Bar	dies NOT dete rie Street,	ected. Kingston, C	N, K7L 3K2 (855-546-
Authorizing Provider	Result Type					
Generic Orders Provider	51	.OGY - GEN	VERAL ORDERABLES			
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
CT NECK W IV CONTRA	ST - Final result	t (09/08/2	2022 1:10 PM EDT)			

Anatomical Region	Laterality	Modality
Neck		Computed Tomography

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

12/08/2022 8:29 AM EDT

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

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 x 2.9 cm compared to 4.6 x 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 60).

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:

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 x 2.9 cm compared to 4.6 x 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 60).

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
ATL POWERSCRIBE			

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

Anatomical Region	Laterality	Modality			
Chest		Compute	d Tomography		
	Anatomical Location /	Collection Method /			
Specimen (Source)	Laterality	Volume	Collection Time	Received Time	
			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 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.

Procedure Note

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.

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)

- () / - / /	,, (_	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	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection T	ime	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 OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

GLUCOSE RANDOM - Final result (29/07/2022 3:54 PM EDT)								
		Ref		Analysis	Performed			
Component	Value	Range	Test Method	Time	At	Pathologist Signature		
Glucose Random	5.7	4.0 - 11.0 mmol/L			EORLA			
	Anatomical Loc	ation /	Collection Method /					
Specimen (Source)	Laterality		Volume	Collection Ti	me	Received Time		
Blood				29/07/2022	3:54 PM EDT	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								

AUTOMATED DIFFERENTIAL - Final result (29/07/2022 3:54 PM EDT)

		Ref	, ,	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	4.5	2.0 - 7.5 x10^9/L			EORLA	
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	<=0.1 x10^9/L			EORLA	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection 7	Time	Received Time
Blood				29/07/2022	2 3:54 PM EDT	29/07/2022 4:03 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						

(ABNORMAL) CREATININE - Final result (29/07/2022 3:54 PM EDT)

(ADNORIVIAL) CREATINI	ine - Fillal lesu	11 (23/01/202	225.34 FIVI ED1)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	112 (H)	62 - 100 umol/L			EORLA	
Sanarimana (Sauraa)	Anatomical	Location /	Collection Method /	Callesting	Time	Descrived Time
Specimen (Source)	Laterality		Volume	Collection	lime	Received Time
Blood (Blood, Venous)				29/07/2022	2 3:54 PM EDT	29/07/2022 4:02 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD	ORDERABLES				

Phone Number

EORLA

(ABNORMAL) CBC - Final result (29/07/2022 3:54 PM EDT)

(ADNORWAL) CDC - Fillar	Tesuit (25/07/2)	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	113 (L)	125 - 170 g/L			EORLA	
НСТ	0.346 (L)	0.380 - 0.500 L/L			EORLA	
MCV	94.8	80.0 - 100.0 fL			EORLA	
МСН	31.0	27.0 - 34.0 pg			EORLA	
МСНС	327	315 - 355 g/L			EORLA	
RDW	13.3	11.5 - 15.5 %			EORLA	
Plat	280	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 Ti	mo	Received Time
Blood (Blood, Venous)	Laterailty		volume			29/07/2022 4:03 PM 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 (29/07	7/2022 3:54 P№	1 EDT) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
TSH	2.02	0.27 - 4.20 mIU/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood						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	nber	
EORLA						
-						
(ABNORMAL) MAGNESIU	IM - Final resu	lt (29/07/20	22 3:54 PM EDT)			
(Ref	,	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
· · · · · · · · · · · · · · · · · · ·		0.66 -		TITIC	EORLA	Tathologist Signature
Mg	0.64 (L)	0.66 - 1.07			EURLA	
		mmol/L				
		THINOI/L				
	Anatomical Lo	a cation /	Collection Method /			
Specimen (Source)	Laterality	ocation /	Volume	Collection 1	Time	Received Time
Specimen (Source)	Lateranty		volume			
Blood (Blood, Venous)				29/07/2022	3:54 PM EDT	29/07/2022 4:02 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD C	DRDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
CK - Final result (29/07/	/2022 3:54 PN	/ EDT)				
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
СК	214	52 - 256		THILE	EORLA	
CR	214	U/L			LUKLA	
		0/L				
	Anatomical Lo	acation /	Collection Method /			
Specimen (Source)	Laterality	ocation /	Volume	Collection 1	imo	Received Time
	Lateranty		volume			
Blood (Blood, Venous)				29/07/2022	3:54 PM EDT	29/07/2022 4:02 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD C	DRDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
GLUCOSE RANDOM - F	inal result (30)/06/2022	10:35 AM EDT)			
	Υ.	Ref	,	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	6.6	4.0 - 11.0			EORLA	
	0.0	mmol/L			LONLA	
		IIIIIOI/ E				
	Anatomical Lo	acation /	Collection Method /			
Specimen (Source)	Laterality	ocation /	Volume	Collection 1	ime	Received Time
	Lateranty		Volume			
Blood				30/06/2022	10:35 AM	30/06/2022 10:42 AM
				EDT		EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD C	ORDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						

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

		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 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	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ïme	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	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

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

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	100	62 - 100 umol/L			EORLA	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection ⁻	Time	Received Time
Blood (Blood, Venous)				30/06/2022 EDT	2 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 Nur	nber	
EORLA						

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

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	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 -			EORLA	

		100.0 fL				
МСН	31.2	27.0 - 34.0 pg			EORLA	
МСНС	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	ation /	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 OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ALT - Final result (30/06 Component	5/2022 10:35 Al Value	M EDT) 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	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 OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
TSH - Final result (30/06	5/2022 10:35 A Value	Ref	Test Method	Analysis	Performed	Dathologist Cignature
Component TSH	1.70	Range 0.27 -	IEST METHON	Time	At EORLA	Pathologist Signature
псі	1.70	0.27 - 4.20 mIU/L			EUKLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		1 / e la vise e	(all a shi a a T	1100.0	Received Time
Blood (Blood, Venous)	Lateranty		Volume	Collection T 30/06/2022		Received Time 30/06/2022 10:42 AM

Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Addross		City/State/ZIP Code	Phone Num	bor	
EORLA	Address		City/State/Zir Code	FIIONE NUM	IDEI	
ALKALINE PHOSPHATA	SE (ALP) - Final	l result (3	0/06/2022 10:35 AM EC	DT)		
		Ref	T (N (1))	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	78	50 - 112 U/L			EORLA	
		0, -				
	Anatomical Loc	ation /	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	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
			22 40 25 AM EDT)			
(ABNORMAL) MAGNESIU	ivi - Final result	Ref	22 10:35 AIVI EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Mg	0.65 (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)				30/06/2022	10:35 AM	30/06/2022 10:42 AM
				EDT		EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OR	DERABLES				
Vickers						
Derfermine Organization	A el el ve e e		City (Ctate /ZID Carls	Dhana Nive	la au	
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
LORLA						
CK - Final result (30/06/	/2022 10:35 AN	1 EDT)				
<i>c</i>	N7 1	Ref	T CALL 1	Analysis T	Performed	
Component	Value	Range 52 - 256	Test Method	Time	At	Pathologist Signature
СК	113	52 - 256 U/L			EORLA	
		-, -				
	Anatomical Loc	ation /	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	LAB BLOOD OR	DERABLES				
Vickers						

BILIRUBIN, TOTAL - Final result (30/06/2022 10:35 AM EDT)

BILIRUBIN, TOTAL - Fina	an result (50/00					
Comment		Ref	Test Mathe	Analysis	Performed	Dath datist Circust
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	5	<=15 umol/L			EORLA	
		unioi/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality	cation,	Volume	Collection 1	Time	Received Time
Blood (Blood, Venous)	y			30/06/2022	2 10:35 AM	30/06/2022 10:42 AM
				EDT		EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES				
Vickers						
	A				- I	
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
TSH - Final result (06/06	5/2022 10.07 /					
	5,2022 10.01 F	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
TSH	1.39	0.27 -		Time	EORLA	
	1.00	4.20			LONEX	
		mlU/L				
	Anatomical Lo	cation /	Collection Method /			
	Laterality		Volume	Collection 1	Time	Received Time
Specimen (Source)	Lateranty		Volume			
Blood (Blood, Venous)	Laterality		Volume	06/06/2022		06/06/2022 11:29 AM
	Lateranty		volume			
Blood (Blood, Venous)			volume	06/06/2022		06/06/2022 11:29 AM
Blood (Blood, Venous) Authorizing Provider	Result Type			06/06/2022		06/06/2022 11:29 AM
Blood (Blood, Venous) Authorizing Provider Michael MacDonald		RDERABLES		06/06/2022		06/06/2022 11:29 AM
Blood (Blood, Venous) Authorizing Provider	Result Type	RDERABLES		06/06/2022		06/06/2022 11:29 AM
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers	Result Type LAB BLOOD OF	RDERABLES	;	06/06/2022	2 10:07 AM	06/06/2022 11:29 AM
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization	Result Type LAB BLOOD OF	RDERABLES		06/06/2022 EDT	2 10:07 AM	06/06/2022 11:29 AM
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers	Result Type LAB BLOOD OF	RDERABLES	;	06/06/2022 EDT	2 10:07 AM	06/06/2022 11:29 AM
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization	Result Type LAB BLOOD OF	RDERABLES	;	06/06/2022 EDT	2 10:07 AM	06/06/2022 11:29 AM
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization	Result Type LAB BLOOD OF Address		City/State/ZIP Code	06/06/2022 EDT	2 10:07 AM	06/06/2022 11:29 AM
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA	Result Type LAB BLOOD OF Address		City/State/ZIP Code	06/06/2022 EDT	2 10:07 AM	06/06/2022 11:29 AM
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA	Result Type LAB BLOOD OF Address	/06/2022	City/State/ZIP Code	06/06/2022 EDT Phone Num	2 10:07 AM	06/06/2022 11:29 AM
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA GLUCOSE RANDOM - F	Result Type LAB BLOOD OF Address inal result (06/	′06/2022 Ref Range 4.0 - 11.0	City/State/ZIP Code 10:07 AM EDT) Test Method	06/06/2022 EDT Phone Num	2 10:07 AM	06/06/2022 11:29 AM EDT
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA GLUCOSE RANDOM - F Component	Result Type LAB BLOOD OF Address inal result (06/ Value	/06/2022 Ref Range	City/State/ZIP Code 10:07 AM EDT) Test Method	06/06/2022 EDT Phone Num	2 10:07 AM hber Performed At	06/06/2022 11:29 AM EDT
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA GLUCOSE RANDOM - F Component	Result Type LAB BLOOD OF Address inal result (06/ Value 5.7	/06/2022 Ref Range 4.0 - 11.0 mmol/L	City/State/ZIP Code 10:07 AM EDT) Test Method	06/06/2022 EDT Phone Num	2 10:07 AM hber Performed At	06/06/2022 11:29 AM EDT
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA GLUCOSE RANDOM - F <u>Component</u> Glucose Random	Result Type LAB BLOOD OF Address inal result (06/ Value 5.7 Anatomical Loo	/06/2022 Ref Range 4.0 - 11.0 mmol/L	City/State/ZIP Code 10:07 AM EDT) Test Method Collection Method /	06/06/2022 EDT Phone Num Analysis Time	2 10:07 AM hber Performed At EORLA	06/06/2022 11:29 AM EDT Pathologist Signature
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA GLUCOSE RANDOM - F <u>Component</u> Glucose Random Specimen (Source)	Result Type LAB BLOOD OF Address inal result (06/ Value 5.7	/06/2022 Ref Range 4.0 - 11.0 mmol/L	City/State/ZIP Code 10:07 AM EDT) Test Method	06/06/2022 EDT Phone Num Analysis Time Collection T	2 10:07 AM hber Performed At EORLA	06/06/2022 11:29 AM EDT Pathologist Signature Received Time
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA GLUCOSE RANDOM - F <u>Component</u> Glucose Random	Result Type LAB BLOOD OF Address inal result (06/ Value 5.7 Anatomical Loo	/06/2022 Ref Range 4.0 - 11.0 mmol/L	City/State/ZIP Code 10:07 AM EDT) Test Method Collection Method /	06/06/2022 EDT Phone Num Analysis Time Collection 1 06/06/2022	2 10:07 AM hber Performed At EORLA	06/06/2022 11:29 AM EDT Pathologist Signature Received Time 06/06/2022 11:31 AM
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA GLUCOSE RANDOM - F <u>Component</u> Glucose Random Specimen (Source)	Result Type LAB BLOOD OF Address inal result (06/ Value 5.7 Anatomical Loo	/06/2022 Ref Range 4.0 - 11.0 mmol/L	City/State/ZIP Code 10:07 AM EDT) Test Method Collection Method /	06/06/2022 EDT Phone Num Analysis Time Collection T	2 10:07 AM hber Performed At EORLA	06/06/2022 11:29 AM EDT Pathologist Signature Received Time
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA GLUCOSE RANDOM - F Component Glucose Random Specimen (Source) Blood	Result Type LAB BLOOD OF Address inal result (06/ Value 5.7 Anatomical Loo Laterality	/06/2022 Ref Range 4.0 - 11.0 mmol/L	City/State/ZIP Code 10:07 AM EDT) Test Method Collection Method /	06/06/2022 EDT Phone Num Analysis Time Collection 1 06/06/2022	2 10:07 AM hber Performed At EORLA	06/06/2022 11:29 AM EDT Pathologist Signature Received Time 06/06/2022 11:31 AM
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA GLUCOSE RANDOM - F <u>Component</u> Glucose Random Specimen (Source)	Result Type LAB BLOOD OF Address inal result (06/ Value 5.7 Anatomical Loo	(06/2022 Ref 4.0 - 11.0 mmol/L cation /	City/State/ZIP Code 10:07 AM EDT) Test Method Collection Method / Volume	06/06/2022 EDT Phone Num Analysis Time Collection 1 06/06/2022	2 10:07 AM hber Performed At EORLA	06/06/2022 11:29 AM EDT Pathologist Signature Received Time 06/06/2022 11:31 AM

Performing Organization Address EORLA

Vickers

City/State/ZIP Code

Phone Number

(ABNORMAL) AUTOMAT	ED DIFFERENTIA	AL - Final r	esult (06/06/2022 10:07 /	AM EDT)		
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	6.7	2.0 - 7.5 x10^9/L			EORLA	
Lymphocyte	0.7 (L)	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.6	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.4	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	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood				06/06/2022 EDT	10:07 AM	06/06/2022 11:33 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
CREATININE - Final resu	ilt (06/06/2022		/I EDT)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	88	62 - 100		Time	EORLA	
Credumine	00	umol/L			LONEN	
	Anatomical Loc	ation /	Collection Method /		·	
Specimen (Source)	Laterality		Volume	Collection Ti		Received Time
Blood (Blood, Venous)				06/06/2022 EDT	10:07 AIVI	06/06/2022 11:31 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
		000 40 07				
(ABNORMAL) CBC - Final	result (00/06/2	Ref	AIVI EUT)	Analysis	Performed	

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	8.6	3.5 - 10.5 x10^9/L			EORLA	
RBC	3.87 (L)	4.00 - 5.50 x10^12/L			EORLA	
HGB	120 (L)	125 - 170 g/L)		EORLA	
НСТ	0.373 (L)	0.380 -			EORLA	

		0.500 L/L				
MCV	96.4	80.0 - 100.0 fL			EORLA	
МСН	31.0	27.0 - 34.0 pg			EORLA	
МСНС	322	315 - 355 g/L			EORLA	
RDW	13.2	11.5 - 15.5 %			EORLA	
Plat	292	130 - 380 x10^9/L			EORLA	
MPV	9.2	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)	,			06/06/2022 EDT		06/06/2022 11:33 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
(ABNORMAL) ALT - Final		Ref		Analysis	Performed	Duth the state Circuit and
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	7 (L)	12 - 49 U/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T		Received Time
Specimen (Source) Blood (Blood, Venous)		ation /		Collection T 06/06/2022 EDT		Received Time 06/06/2022 11:31 AM EDT
		ation /		06/06/2022		06/06/2022 11:31 AM
Blood (Blood, Venous)	Laterality			06/06/2022		06/06/2022 11:31 AM
Blood (Blood, Venous) Authorizing Provider Michael MacDonald	Laterality Result Type LAB BLOOD OR			06/06/2022	10:07 AM	06/06/2022 11:31 AM
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers	Laterality Result Type LAB BLOOD OR		Volume	06/06/2022 EDT	10:07 AM	06/06/2022 11:31 AM
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization	Laterality Result Type LAB BLOOD OR Address	DERABLES	Volume City/State/ZIP Code	06/06/2022 EDT Phone Num DT)	10:07 AM	06/06/2022 11:31 AM
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA	Laterality Result Type LAB BLOOD OR Address	DERABLES	Volume City/State/ZIP Code	06/06/2022 EDT Phone Num	10:07 AM	06/06/2022 11:31 AM
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA ALKALINE PHOSPHATA	Laterality Result Type LAB BLOOD OR Address SE (ALP) - Fina	DERABLES	Volume City/State/ZIP Code 6/06/2022 10:07 AM EI	06/06/2022 EDT Phone Num DT) Analysis	10:07 AM ber Performed	06/06/2022 11:31 AM EDT
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA ALKALINE PHOSPHATA Component ALP	Laterality Result Type LAB BLOOD OR Address SE (ALP) - Fina Value 79 Anatomical Loc	DERABLES	Volume City/State/ZIP Code 5/06/2022 10:07 AM EI Test Method Collection Method /	06/06/2022 EDT Phone Num DT) Analysis Time	10:07 AM ber Performed At EORLA	06/06/2022 11:31 AM EDT Pathologist Signature
Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA ALKALINE PHOSPHATA Component	Laterality Result Type LAB BLOOD OR Address SE (ALP) - Fina Value 79	DERABLES	Volume City/State/ZIP Code 6/06/2022 10:07 AM EI Test Method	06/06/2022 EDT Phone Num DT) Analysis	10:07 AM ber Performed At EORLA	06/06/2022 11:31 AM EDT

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 (06/06/	2022 10:07 AN	1 EDT)				
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
СК	136	52 - 256 U/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				06/06/2022 EDT	10:07 AM	06/06/2022 11:31 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						

BILIRUBIN, TOTAL - Final result (06/06/2022 10:07 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	3	<=15 umol/L			EORLA	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection ⁻	Time	Received Time
Blood (Blood, Venous)				06/06/2022 EDT	2 10:07 AM	06/06/2022 11:31 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES	5			
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (06/06/2022 10:07 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	141	136 - 144 mmol/L	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 Location /	Collection Method /				
Specimen (Source)	Laterality	Volume	Collection Time	Received Time		
Blood (Blood, Venous)			06/06/2022 10:07 AM EDT	06/06/2022 11:31 AM EDT		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						
CT NECK W IV CONTRA Anatomical Region	ST - Final result (13/05/ Laterality	2022 9:00 AM EDT) Modality				
Neck	Computed Tomography					
	Anatomical Location /	Collection Method /	Collection Time	Dessived Times		
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.

 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.
 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 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. Nodular thickening and enhancement of the left base of tongue and lingular tonsils likely from post treatment 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

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.

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.

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

CT CHEST W IV CONT	RAST - Final result (13/0	5/2022 9:00 AM EDT)		
Anatomical Region	Laterality	Modality		
Chest		Computed	l Tomography	
	Anatomical Location /	Collection Method /		
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
			16/05/2022 11:22 AN EDT	1
			EDT	
Impressions				
	ther were present one y			er than on the previous
Narrative				
ATL POWERSCRIBE - CT THORAX WITH CONTR	16/05/2022 11:38 AM RAST (ROUTINE)	I EDT		
INDICATION: Stage I COMPARISON: January	/ head and neck cancer. 13, 2022	? Response to immunoth	erapy and radiation.	
have decreased in s ⁻ which is just above	in the left upper lobe	s a nodular area in th ars unchanged from pre	e right middle lobe vious. Small nodule	present previously and (series 8 image #165) in the right lower lobe
LYMPH NODES & MEDIAS	STINUM: A lymph node in the left pulmonary arte ous study in June 2021.	ry measures 10 mm in w	idth and is stable.	eviously 13 mm) and a node These nodes were not
ESOPHAGUS & Neck: Lo BONES & CHEST WALL:	ronary calcification in ower neck is unremarkab Unremarkable. odomen reported separat	le.	severe in degree.	
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				
Derforming Organization	Addross	City/State/ZID Code	Dhono Number	
Performing Organization ATL POWERSCRIBE	Address	City/State/ZIP Code	Phone Number	
ATLFOWERSCRIDE				
CT ABDOMEN PELVIS W	V IV CONTRAST - Final r	esult (13/05/2022 9:00	AM EDT)	
Anatomical Region	Laterality	Modality		
Body, Abdomen, Pelvis, Y		Computed	Tomography	
(Course)	Anatomical Location /	Collection Method /	Collection Time	Dessived Time
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
			16/05/2022 5:41 PM ED	1
Impressions				
ATL POWERSCRIBE - 1	16/05/2022 5:47 PM E	DT		
	rminate hypodensity in minate and a new hypode			
suspicious until prov	en otherwise. Further \	workup with liver ult	rasound and liver MRI	is recommended. MRI will
offer a more specific ultrasound-guided bio	diagnosis and if it's	visible on ultrasoun	d and may be possible	to target with
-				
For report clarificat	ion: rads@toh.ca			
Norrativo				
Narrative	16/05/2022 5:47 PM E	т		
CT ABDOMEN & PELVIS				
INDICATION: Age: 68 v	ears old; Male, "stage	4 H/N cancer. ? Resp	onse to immunotherapy	and radiation"
TECHNIQUE: Routine po	rtal venous phase cont	rast-enhanced evaluat		
COMPARISON: Prior CT	abdomen pelvis January	13, 2022		
HEPATOBILIARY SYSTEM:				
	gment 6 image 59:601.			ely cysts. Stable well-
which is not seen on	the prior study and of	uncertain significan	ce.	
Biliary Tree: No im Pancreas: No import	portant gallbladder ab	normality. No importa	nt abnormality of the	biliary tree.
GASTROINTESTINAL TRAC	T: No important abnorma	ality.		
GENITOURINARY SYSTEM: Adrenals: No importa				
Kidneys / Ureters: (Comparable bilateral pa	arapelvic cysts. No h	ydronephrosis.	
Urinary Bladder: No Reproductive Organs	<pre>important abnormality . Brostatomegaly</pre>			
. 5	2 ,			
	<pre>important abnormality of TONEUM & MESENTERY: No</pre>			
VESSELS & OTHER: Mild	atherosclerotic calci	fication of aorta. No	venous abnormality.	
	<pre>important bony abnorma ses, heart): CT chest</pre>		bnormality.	
LOWER THORAX (Tung Da	ses, hear c). Cr chest	reported separatery.		
Procedure Note				
David Blair MacDonald -	16/05/2022			
	hight be different from the d	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

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

GLUCOSE RANDOM - Final result (09/05/2022 10:15 AM EDT)

			,			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	7.4	4.0 - 11.0)		EORLA	
		mmol/L				
	Anatomical Loo	cation /	Collection Method /			
		cation /				
Specimen (Source)	Laterality		Volume	Collection [·]	Time	Received Time
Blood				09/05/2022 EDT	2 10:15 AM	09/05/2022 10:33 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES	;			
Performing Organization	Address		City/State/ZIP Code	Phone Nur	nber	
EORLA						

AUTOMATED DIFFERENTIAL - Final result (09/05/2022 10:15 AM EDT)

		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		<=0.1 x10^9/L		EORLA	
Specimen (Source)	Anatomical Loca Laterality	tion /	Collection Method / Volume	Collection Time	Received Time
Blood	Descript Trues			09/05/2022 10:15 AM EDT	09/05/2022 10:34 AM EDT
Authorizing Provider Michael MacDonald Vickers	Result Type	ERABLES			
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Number	

CREATININE - Final result (09/05/2022 10:15 AM EDT)

		Ref		Analysis	Performed	
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 Ti	me	Received Time
Blood (Blood, Venous)				09/05/2022 EDT	10:15 AM	09/05/2022 10:33 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	lab blood or	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

(ABNORMAL) CBC - Final result (09/05/2022 10:15 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	7.2	3.5 - 10.5 x10^9/L			EORLA	
RBC	3.59 (L)	4.00 - 5.50 x10^12/L			EORLA	
HGB	111 (L)	125 - 170 g/L			EORLA	
НСТ	0.341 (L)	0.380 - 0.500 L/L			EORLA	
MCV	95.0	80.0 - 100.0 fL			EORLA	
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	ïme	Received Time
Blood (Blood, Venous)				09/05/2022 10:15 AM EDT		09/05/2022 10:34 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	lab blood or	DERABLES				
Performing Organization	Address City/State/ZIP Code Phone Number				ber	
EORLA						
ALT - Final result (09/05 Component ALT	5/2022 10:15 A Value 12	M EDT) Ref Range 12 - 49	Test Method	Analysis Time	Performed At EORLA	Pathologist Signature
	Anatomical Loc	U/L	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				09/05/2022 10:15 AM EDT		09/05/2022 10:33 AM 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 (09/05	5/2022 10:15 A	M EDT) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
TSH	1.71	0.27 - 4.20 mIU/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			D . I.T.
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	Collection T 09/05/2022		Received Time 09/05/2022 10:33 AM
				EDT	10.15 AW	EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	lab blood or	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ALKALINE PHOSPHATA	SE (ALP) - Fina	l result (0 _{Ref}	9/05/2022 10:15 AM EI		Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
ALP	69	50 - 112 U/L			EORLA	

	Anatomical Lo	cation /	Collection Method /	Collection T	•	Deseived Times
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
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OI	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
EORLA	Address			Thome Num	ibei	
LOREA						
CK - Final result (09/05/	2022 10:15 A	M EDT)				
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
СК	148	52 - 256			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
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OI	RDERABLES				
VICKEIS						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
BILIRUBIN, TOTAL - Fina	al result (09/05	5/2022 10:	15 AM EDT)			
Component) (alua	Ref	Tast Mathad	Analysis	Performed	Dathalagist Cignatura
Component Bilirubin Total	Value 7	<=15	Test Method	Time	At EORLA	Pathologist Signature
Dillubili i Olai	1	umol/L			EUKLA	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				09/05/2022	10:15 AM	09/05/2022 10:33 AM
				EDT		EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OI	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ELECTROLYTE PANEL (E) Einal ro	cult (00/05/2022 10.15			
LLLCHNOLTTL FAINEL (E	LUTIOLITES	Ref	Suit (03/03/2022 10.13	ANI EDT) Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	138	136 - 144		-	EORLA	
		mmol/L				
К	4.6	3.5 - 5.1			EORLA	
					-	
		mmol/L			-	
Cl	102	mmol/L 98 - 107 mmol/L			EORLA	

CO2	28	19 - 30 mmol/L			EORLA	
Anion Gap	8	8 - 16 mmol/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume Collection Time			Received Time
Blood (Blood, Venous)				09/05/2022 EDT	10:15 AM	09/05/2022 10:33 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	lab blood of	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
GLUCOSE RANDOM - F Component	inal result (11/ _{Value}	04/2022 9 Ref Range	9:45 AM EDT) Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	6.1	4.0 - 11.0 mmol/L			EORLA	
Spacimon (Source)	Anatomical Loc	ation /	Collection Method / Volume	Collection T	imo	Received Time
Specimen (Source) Blood	Laterality		volume			
				11/04/2022	9:45 AM EDT	EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	iber	
EORLA						

(ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (11/04/2022 9:45 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	7.3	2.0 - 7.5			EORLA	
		x10^9/L				
Lymphocyte	0.7 (L)	0.8 - 3.5 x10^9/L			EORLA	
Monocuto	0.6	0.1 - 1.0			EORLA	
Monocyte	0.0	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			EORLA	
		x10^9/L				
Immature Granulocyte	0.0	<=0.1			EORLA	
		x10^9/L				
	Anatomical Loo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	Received Time
Blood				11/04/2022	9:45 AM EDT	11/04/2022 10:00 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	DERABLES				

Vickers

Performing Organization	Address	City/State/ZIP Code	Phone Number
EORLA			

CREATININE - Final result (11/04/2022 9:45 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	88	62 - 100 umol/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality	-	Volume	Collection Ti	me	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	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

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

		Ref		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 Loo Laterality	cation /	Collection Method / Volume	Collection T	īme	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	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) ALT - Final	result (11/04/2	022 9:45 A Ref	M EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	9 (L)	12 - 49 U/L			EORLA	
(Course)	Anatomical Loc	cation /	Collection Method / Volume	Collection Ti		Received Time
Specimen (Source) Blood (Blood, Venous)	Laterality		volume			11/04/2022 10:00 AM
				11/04/2022	9.45 AIVI EDT	EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
TSH - Final result (11/04		Ref	T	Analysis	Performed	
Component TSH	Value 1.39	Range 0.27 -	Test Method	Time	At	Pathologist Signature
130	Anatomical Loc	4.20 mIU/L	Collection Method /		EURLA	
Specimen (Source)	Laterality	,	Volume	Collection Ti	me	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	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
		Ref	1/04/2022 9:45 AM EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	73	50 - 112 U/L			EORLA	
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		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				

	Address		City/State/ZIP Code	Phone Num	iber	
EORLA						
CK - Final result (11/04/	2022 9:45 AM					
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
СК	120	52 - 256			EORLA	
	120	U/L			LONEX	
		0/2				
	A	,				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		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	LAB BLOOD OR					
	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	lber	
EORLA						
	1	2022 0.41				
BILIRUBIN, TOTAL - Fina	ai result (11/04/		AIVI EDT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	4	<=15			EORLA	
		umol/L			-	
		uniol, E				
	Anatomical Loc	ation /	Collection Method /			
		ation /	-	Collection T		Received Time
Specimen (Source)	Laterality		Volume			
Blood (Blood, Venous)				11/04/2022	9:45 AM EDT	11/04/2022 10:00 AM
						EDT
	Result Type					
Authorizing Provider						
Authorizing Provider Michael MacDonald		DFRARIES				
Michael MacDonald	LAB BLOOD OR	DERABLES				
		DERABLES				
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Michael MacDonald Vickers Performing Organization	LAB BLOOD OR	DERABLES	City/State/ZIP Code	Phone Num	ber	
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES	City/State/ZIP Code	Phone Num	ber	
Michael MacDonald Vickers Performing Organization	LAB BLOOD OR	DERABLES	City/State/ZIP Code	Phone Num	ber	
Michael MacDonald Vickers Performing Organization	LAB BLOOD OR	DERABLES	City/State/ZIP Code	Phone Num	ber	
Michael MacDonald Vickers Performing Organization EORLA	LAB BLOOD OR Address				ber	
Michael MacDonald Vickers Performing Organization	LAB BLOOD OR Address	- Final re		AM EDT)		
Michael MacDonald Vickers Performing Organization EORLA ELECTROLYTE PANEL (E	LAB BLOOD OR Address	- Final res	sult (11/04/2022 9:45 /	AM EDT) Analysis	Performed	
Michael MacDonald Vickers Performing Organization EORLA	LAB BLOOD OR Address	- Final re		AM EDT)		Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA ELECTROLYTE PANEL (E	LAB BLOOD OR Address	- Final res	sult (11/04/2022 9:45 /	AM EDT) Analysis	Performed	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA ELECTROLYTE PANEL (E Component	LAB BLOOD OR Address LECTROLYTES) Value	- Final res Ref Range	sult (11/04/2022 9:45 /	AM EDT) Analysis	Performed At	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA ELECTROLYTE PANEL (E Component Na	LAB BLOOD OR Address LECTROLYTES) Value 141	- Final res Ref Range 136 - 144 mmol/L	sult (11/04/2022 9:45 /	AM EDT) Analysis	Performed At EORLA	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA ELECTROLYTE PANEL (E Component	LAB BLOOD OR Address LECTROLYTES) Value	- Final res Ref Range 136 - 144 mmol/L 3.5 - 5.1	sult (11/04/2022 9:45 /	AM EDT) Analysis	Performed At	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA ELECTROLYTE PANEL (E Component Na K	LAB BLOOD OR Address LECTROLYTES) Value 141 4.3	- Final res Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L	sult (11/04/2022 9:45 /	AM EDT) Analysis	Performed At EORLA EORLA	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA ELECTROLYTE PANEL (E Component Na	LAB BLOOD OR Address LECTROLYTES) Value 141	- Final res Ref Range 136 - 144 mmol/L 3.5 - 5.1	sult (11/04/2022 9:45 /	AM EDT) Analysis	Performed At EORLA	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA ELECTROLYTE PANEL (E Component Na K	LAB BLOOD OR Address LECTROLYTES) Value 141 4.3	- Final res Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L	sult (11/04/2022 9:45 /	AM EDT) Analysis	Performed At EORLA EORLA	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA ELECTROLYTE PANEL (E Component Na K Cl	LAB BLOOD OR Address LECTROLYTES) Value 141 4.3 103	- Final res Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L 98 - 107 mmol/L	sult (11/04/2022 9:45 /	AM EDT) Analysis	Performed At EORLA EORLA EORLA	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA ELECTROLYTE PANEL (E Component Na K	LAB BLOOD OR Address LECTROLYTES) Value 141 4.3	- Final res Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L 98 - 107 mmol/L 19 - 30	sult (11/04/2022 9:45 /	AM EDT) Analysis	Performed At EORLA EORLA	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA ELECTROLYTE PANEL (E Component Na K Cl CO2	LAB BLOOD OR Address LECTROLYTES) Value 141 4.3 103 29	- Final res Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L 98 - 107 mmol/L 19 - 30 mmol/L	sult (11/04/2022 9:45 /	AM EDT) Analysis	Performed At EORLA EORLA EORLA EORLA	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA ELECTROLYTE PANEL (E Component Na K Cl	LAB BLOOD OR Address LECTROLYTES) Value 141 4.3 103	- Final res Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L 98 - 107 mmol/L 19 - 30 mmol/L 8 - 16	sult (11/04/2022 9:45 /	AM EDT) Analysis	Performed At EORLA EORLA EORLA	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA ELECTROLYTE PANEL (E Component Na K Cl CO2	LAB BLOOD OR Address LECTROLYTES) Value 141 4.3 103 29	- Final res Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L 98 - 107 mmol/L 19 - 30 mmol/L	sult (11/04/2022 9:45 /	AM EDT) Analysis	Performed At EORLA EORLA EORLA EORLA	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA ELECTROLYTE PANEL (E Component Na K Cl CO2	LAB BLOOD OR Address LECTROLYTES) Value 141 4.3 103 29	- Final res Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L 98 - 107 mmol/L 19 - 30 mmol/L 8 - 16	sult (11/04/2022 9:45 /	AM EDT) Analysis	Performed At EORLA EORLA EORLA EORLA	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA ELECTROLYTE PANEL (E Component Na K Cl CO2	LAB BLOOD OR Address LECTROLYTES) Value 141 4.3 103 29 9	- Final res Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L 98 - 107 mmol/L 19 - 30 mmol/L 8 - 16 mmol/L	sult (11/04/2022 9:45 /	AM EDT) Analysis	Performed At EORLA EORLA EORLA EORLA	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA ELECTROLYTE PANEL (E Component Na K Cl CO2 Anion Gap	LAB BLOOD OR Address LECTROLYTES) Value 141 4.3 103 29 9 Anatomical Loc	- Final res Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L 98 - 107 mmol/L 19 - 30 mmol/L 8 - 16 mmol/L	sult (11/04/2022 9:45 / Test Method	AM EDT) Analysis Time	Performed At EORLA EORLA EORLA EORLA EORLA	
Michael MacDonald Vickers Performing Organization EORLA ELECTROLYTE PANEL (E Component Na K Cl CO2	LAB BLOOD OR Address LECTROLYTES) Value 141 4.3 103 29 9	- Final res Ref Range 136 - 144 mmol/L 3.5 - 5.1 mmol/L 98 - 107 mmol/L 19 - 30 mmol/L 8 - 16 mmol/L	sult (11/04/2022 9:45 /	AM EDT) Analysis Time Collection T	Performed At EORLA EORLA EORLA EORLA EORLA	Received Time

Authorizing Provider	Result Type		
Michael MacDonald Vickers	LAB BLOOD ORDERABLES		
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 Time	Performed 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 m² 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)	-		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 OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Number		
EORLA						
GLUCOSE RANDOM - Fi	inal result (11/(Value)3/2022 1 Ref Range	0:26 AM EST) Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	5.8	4.0 - 11.0			EORLA	
		mmol/L				
Specimen (Source)	Anatomical Loca Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood				11/03/2022 EST	10:26 AM	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 Number		
EORLA						

(ABNORMAL) AUTOMAT	ED DIFFERENTIA	L - Final r	esult (11/03/2022 10:26	AM EST)		
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	7.6 (H)	2.0 - 7.5 x10^9/L			EORLA	
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	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood				11/03/2022 EST	10:26 AM	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	ber	
EORLA						
CREATININE - Final resu	Value	Ref Range	/I EST) Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	84	62 - 100 umol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	,			11/03/2022 EST	10:26 AM	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	ber	
EORLA						

(ABNORMAL) CBC - Final result (11/03/2022 10:26 AM EST)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	9.8	3.5 - 10.5 x10^9/L			EORLA	
RBC	3.71 (L)	4.00 - 5.50 x10^12/L			EORLA	
HGB	117 (L)	125 - 170 g/L			EORLA	
НСТ	0.353 (L)	0.380 - 0.500 L/L			EORLA	

MCV	95.1	80.0 - 100.0 fL			EORLA	
МСН	31.5	27.0 - 34.0 pg			EORLA	
МСНС	331	315 - 355 g/L			EORLA	
RDW	12.6	11.5 - 15.5 %			EORLA	
Plat	340	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	cation /	Collection Method / Volume	Collection T	ïme	Received Time
Blood (Blood, Venous)	Lateranty		Volume	11/03/2022		11/03/2022 10:33 AM
				EST	10.20 AM	EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) ALT - Final	result (11/03/2) Value	022 10:26 Ref Range	AM EST) Test Method	Analysis Time	Performed At	Pathologist Signature
		Ref				Pathologist Signature
Component	Value	Ref Range 12 - 49 U/L			At	Pathologist Signature
Component	Value 8 (L)	Ref Range 12 - 49 U/L	Test Method		At EORLA	Pathologist Signature Received Time
Component ALT	Value 8 (L) Anatomical Loc	Ref Range 12 - 49 U/L	Test Method Collection Method /	Time	At EORLA	
Component ALT Specimen (Source)	Value 8 (L) Anatomical Loc	Ref Range 12 - 49 U/L	Test Method Collection Method /	Time Collection T 11/03/2022	At EORLA	Received Time 11/03/2022 10:33 AM
Component ALT Specimen (Source) Blood (Blood, Venous)	Value 8 (L) Anatomical Loc Laterality	Ref Range 12 - 49 U/L cation /	Test Method Collection Method /	Time Collection T 11/03/2022	At EORLA	Received Time 11/03/2022 10:33 AM
Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider	Value 8 (L) Anatomical Loc Laterality Result Type	Ref Range 12 - 49 U/L cation /	Test Method Collection Method /	Time Collection T 11/03/2022	At EORLA	Received Time 11/03/2022 10:33 AM
Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers	Value 8 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR	Ref Range 12 - 49 U/L cation /	Test Method Collection Method / Volume	Time Collection T 11/03/2022 EST	At EORLA Time 10:26 AM	Received Time 11/03/2022 10:33 AM
Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization	Value 8 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR	Ref Range 12 - 49 U/L cation /	Test Method Collection Method /	Time Collection T 11/03/2022	At EORLA Time 10:26 AM	Received Time 11/03/2022 10:33 AM
Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers	Value 8 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR	Ref Range 12 - 49 U/L cation /	Test Method Collection Method / Volume	Time Collection T 11/03/2022 EST	At EORLA Time 10:26 AM	Received Time 11/03/2022 10:33 AM
Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization	Value 8 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR	Ref Range 12 - 49 U/L cation /	Test Method Collection Method / Volume	Time Collection T 11/03/2022 EST	At EORLA Time 10:26 AM	Received Time 11/03/2022 10:33 AM
Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA TSH - Final result (11/03)	Value 8 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR Address 3/2022 10:26 A	Ref Range 12 - 49 U/L cation / RDERABLES	Test Method / Collection Method / Volume	Time Collection T 11/03/2022 EST Phone Num	At EORLA ime 10:26 AM	Received Time 11/03/2022 10:33 AM EST
Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA TSH - Final result (11/03 Component	Value 8 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR Address 3/2022 10:26 A Value	Ref Range 12 - 49 U/L cation / RET RDERABLES	Test Method Collection Method / Volume	Time Collection T 11/03/2022 EST Phone Num	At EORLA ime 10:26 AM ber ber	Received Time 11/03/2022 10:33 AM
Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA TSH - Final result (11/03)	Value 8 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR Address 3/2022 10:26 A	Ref Range 12 - 49 U/L cation / RDERABLES	Test Method / Collection Method / Volume	Time Collection T 11/03/2022 EST Phone Num	At EORLA ime 10:26 AM	Received Time 11/03/2022 10:33 AM EST
Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA TSH - Final result (11/03 Component	Value 8 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR Address 3/2022 10:26 A Value	Ref Range 12 - 49 U/L cation / RDERABLES MEST) Ref Range 0.27 - 4.20 mIU/L	Test Method / Collection Method / Volume	Time Collection T 11/03/2022 EST Phone Num	At EORLA ime 10:26 AM ber ber	Received Time 11/03/2022 10:33 AM EST
Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA TSH - Final result (11/03 Component	Value 8 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR Address 3/2022 10:26 A Value 1.83	Ref Range 12 - 49 U/L cation / RDERABLES MEST) Ref Range 0.27 - 4.20 mIU/L	Test Method / Volume City/State/ZIP Code Test Method	Time Collection T 11/03/2022 EST Phone Num	At EORLA ime 10:26 AM ber ber Performed At EORLA	Received Time 11/03/2022 10:33 AM EST

EST

EST

Authorizing Provider	Result Type					
Michael MacDonald Vickers	lab blood or	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ALKALINE PHOSPHATA Component	SE (ALP) - Fina Value	l result (1 Ref Range	1/03/2022 10:26 AM ES Test Method	ST) Analysis Time	Performed At	Pathologist Signature
ALP	72	50 - 112			EORLA	
Specimen (Source)	Anatomical Loc Laterality	U/L ation /	Collection Method / Volume	Collection Ti	ime	Received Time
Blood (Blood, Venous)				11/03/2022	10:26 AM	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	ber	
EORLA						
CK - Final result (11/03/ Component	/2022 10:26 AN Value	/I EST) Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
СК	92	52 - 256			EORLA	
Specimen (Source)	Anatomical Loc Laterality	U/L ation /	Collection Method / Volume	Collection Ti	ime	Received Time
Blood (Blood, Venous)	5			11/03/2022		11/03/2022 10:33 AM
				EST		EST

Authorizing Provider	Result Type		
Michael MacDonald Vickers	LAB BLOOD ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
EORLA			

BILIRUBIN, TOTAL - Final result (11/03/2022 10:26 AM EST)

			.207 (101 201)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L			EORLA	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection 1	Fime	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 O	RDERABLES	;			

Performing Organization Address City/State/ZIP Code Phone Number EORLA ELECTROLYTE PANEL (ELECTROLYTES) - Final result (11/03/2022 10:26 AM EST) Performed Ref Analysis Value Range Test Method Time Pathologist Signature Component At 136 - 144 140 EORLA Na mmol/L Κ 4.7 3.5 - 5.1 EORLA mmol/L Cl 98 - 107 EORLA 101 mmol/L CO2 29 19 - 30 EORLA mmol/L 8 - 16 Anion Gap 10 EORLA mmol/L Anatomical Location / Collection Method / Specimen (Source) Laterality Volume **Collection Time Received Time** Blood (Blood, Venous) 11/03/2022 10:26 AM 11/03/2022 10:33 AM EST EST Authorizing Provider Result Type Michael MacDonald LAB BLOOD ORDERABLES Vickers Performing Organization Address City/State/ZIP Code Phone Number EORLA TRANSTHORACIC ECHO (TTE) COMPLETE (24/02/2022 7:53 AM EST) Performed Ref Analysis Component Value Range Test Method Time Pathologist Signature At EF 68.7 ATL **XCELERA** MUSE **MCKESSON** Laterality Modality Anatomical Region Ultrasound Anatomical Location / Collection Method / Specimen (Source) Laterality Volume **Collection Time Received Time** 24/02/2022 7:25 AM EST Narrative This result has an attachment that is not available. Authorizing Provider Result Type Derek James Jonker CV ECHO PROCEDURES Performing Organization Address City/State/ZIP Code Phone Number ATL XCELERA MUSE MCKESSON

GLUCOSE RANDOM - Final result (17/01/2022 10:40 AM EST)

Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	6.3	4.0 - 11.0 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collectior	Time	Received Time
Blood				17/01/202 EST	22 10:40 AM	17/01/2022 1:29 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	lab blood or	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nu	ımber	
EORLA						

AUTOMATED DIFFERENTIAL - Final result (17/01/2022 10:40 AM EST)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	5.9	2.0 - 7.5 x10^9/L			EORLA	
Lymphocyte	0.9	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.5	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.5	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	
	A	,				
Specimen (Source)	Anatomical Loo Laterality	cation /	Collection Method / Volume	Collection 1	īme	Received Time
Blood				17/01/2022 EST	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 Num	nber	
EORLA						

CREATININE - Final result (17/01/2022 10:40 AM EST)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	84	62 - 100 umol/L			EORLA	
	Anatomical L	ocation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection ⁻	Time	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 (DRDERABLES				

(ABNORMAL) CBC - Final result (17/01/2022 10:40 AM EST)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	7.8	3.5 - 10.5 x10^9/L			EORLA	
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	
МСН	32.3	27.0 - 34.0 pg			EORLA	
МСНС	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	ation /	Collection Method / Volume	Collection T	ïme	Received Time
Blood (Blood, Venous)	,			17/01/2022 EST		17/01/2022 10:47 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	iber	
EORLA						

(ABNORMAL) ALT - Final result (17/01/2022 10:40 AM EST)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	11 (L)	12 - 49			EORLA	
		U/L				
	Anatomical I	_ocation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection	Time	Received Time
Blood (Blood, Venous)				17/01/202 EST	2 10:40 AM	17/01/2022 10:47 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD	ORDERABLES	5			

Phone Number

EORLA

TSH - Final result (17/01/2022 10:40 AM EST)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
TSH	2.94	0.27 - 4.20 mIU/L			EORLA	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection ⁻	Гime	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						

ALKALINE PHOSPHATASE (ALP) - Final result (17/01/2022 10:40 AM EST)

ALKALINE PHOSPHATA	SE (ALP) - FING	ai result (T	7/01/2022 10.40 AIVI I	EST)		
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	76	50 - 112			EORLA	
		U/L				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection ⁻	Time	Received Time
Blood (Blood, Venous)				17/01/2022	2 10:40 AM	17/01/2022 10:47 AM
				EST		EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OI	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nur	nber	
EORLA						

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 umol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ïmo	Received Time
	Laterality		voluttie			
Blood (Blood, Venous)				17/01/2022 EST	10:40 AM	17/01/2022 10:47 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
FORLA						

ELECTROLYTE PANEL (E	LECTROLYTES)	- Final res	sult (17/01/2022 10:40	AM EST)		
X	,	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	141	136 - 144 mmol/L			EORLA	
К	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 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Lateranty		Volume	17/01/2022		17/01/2022 10:47 AM
				EST	10.40 AW	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 CONTRA Anatomical Region Neck	ST - Final resul Laterality	•	Modality	Tomography		
INECK			computed	romography		
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
					1:57 PM EST	
				,,		
Impressions						
ATL POWERSCRIBE - 1 Irregular right level vallecula is more properties enhancement with cent element of necrosis. lymphadenopathy. Over considered for furthe	2/3 nodal con minent compare ral hypoattenu The supraglott all, findings	glomerate d to prio ation in ic larynx	mass extending to the r CT from October 202 this mass that may be remains moderately r	21. There is related to narrowed but	more conspi phase of ac stable. No	cuous peripheral
Goncalo Manuel Fernan	des Dos Santos	, PGY 3				
For report clarificat	ion: rads@toh.	са				
Narrative		26				
ATL POWERSCRIBE - 1 CT SCAN OF THE NECK W		:36 PM E	ST			
CLINICAL INFORMATION:	Age: 67 years	old; Mal	e, "STage 4 H/N cance	er. ? respons	se to immuno	otherapy"
COMPARISON: CT neck d						
TECHNIQUE: 2.5 mm hel	ical sections	through t	he neck with administ	ration of ir	itravenous o	contrast.
FINDINGS: Known conglomerate no 26 mm (CC x AP x TRS)	dal mass invol appears sligh	ving the	right level 2 and 3 r prominent in AP dimer	regions of the	ne right nec ed to Octobe	ck measures 54 x 64 x er 2021. On the current

26 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 x 64 x 26 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.

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

Performing Organization Address

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

City/State/ZIP Code

ATL POWERSCRIBE				
	TDACT Final recult (12/0			
Anatomical Region	TRAST - Final result (13/0 Laterality	Modality		
Chest	Lateranty	· · · · · · · · · · · · · · · · · · ·	d Tomography	
Chest		computer	a romography	
	Anatomical Location /	Collection Method /		
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
			17/01/2022 10:42 AM	1
			EST	
Impressions				
ATL POWERSCRIBE	- 17/01/2022 11:13 AM			
1. New groundglass	opacities are seen like	ly infectious inflamma	atory.	
2 Ctable lung modu	lles. No evidence of pul	monany motactacic		
2. Stable fully hour	ites. No evidence of put	monary metastasis.		
3. Enlarging left 1	ower paratracheal lymph	node. This may be rea	active or represent me	etastatic disease.
Thank you for the c		,	•	
-				
For report clarific	cation: rads@toh.ca			
Narrative				
ATL POWERSCRIBE	- 17/01/2022 11:13 AM	I EST		
CT THORAX WITH CONT	RAST (ROUTINE)			
			<i>/</i>	
CLINICAL INFORMATIC	ON PROVIDED: Age: 67 yea	rs old; Male, STage 4	H/N cancer. ? respons	se to immunotherapy.
COMPARISON: October	2021			
LUNGS & AIRWAYS: In lobe pulmonary nodu are seen.	ncreasing patchy right b Ne image 139, right upp	ronchovascular grounde er lobe micronodule in	glass opacities are se nage 110. No new worr ⁻	een. Stable right lower isome parenchymal nodules
	STINUM: Further enlarge	ment in the left lower	r paratracheal now mea	asuring 13 mm previously
PLEURA & PERICARDIU		1		
HEART & VESSELS: Se ESOPHAGUS :Unremark	evere coronary artery ca cable.	icification is present	t.	

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

UPPER ABDOMEN: CT abdomen reported separately.

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 IMG CT PROCEDURES Vickers 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 Tomography Anatomical Location / Collection Method / Specimen (Source) Laterality Volume Collection Time **Received Time** 17/01/2022 11:28 AM EST Impressions ATL POWERSCRIBE - 17/01/2022 4:58 PM EST 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. No other concerning findings or intra-abdominal metastasis. 2. 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.

Procedure Note

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

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.

Thank you for the consultation.

Yashmin Nisha, Abdominal Imaging Fellow

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			

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 mmol/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ïme	Received Time
Blood				20/12/2021 EST	11:30 AM	20/12/2021 2:27 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) 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 x10^9/L			EORLA	
Monocyte	0.5	0.1 - 1.0 x10^9/L			EORLA	
Eosinophil	0.8 (H)	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				20/12/2021 EST	11:30 AM	20/12/2021 11:51 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA CREATININE - Final resu Component	ılt (20/12/2021 Value	11:30 AN Ref Range	И EST) Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	88	62 - 100 umol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	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 Vickers	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

(ABNORMAL) CBC - Final result (20/12/2021 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 -			EORLA	

		0.500 L/L				
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 Ti	me	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						
EURLA						
(ABNORMAL) ALT - Final	result (20/12/20	021 11:30 A	AM EST)	Analysis	Performed	
	result (20/12/2(Value		AM EST) Test Method	Analysis Time	Performed At	Pathologist Signature
(ABNORMAL) ALT - Final	-	Ref		<i>,</i>		Pathologist Signature
(ABNORMAL) ALT - Final Component	Value	Ref Range 12 - 49 U/L		<i>,</i>	At EORLA	Pathologist Signature Received Time
(ABNORMAL) ALT - Final Component ALT	Value 11 (L) Anatomical Loc	Ref Range 12 - 49 U/L	Test Method Collection Method /	Time	At EORLA	
(ABNORMAL) ALT - Final Component ALT Specimen (Source) Blood (Blood, Venous)	Value 11 (L) Anatomical Loc	Ref Range 12 - 49 U/L	Test Method Collection Method /	Time Collection Ti 20/12/2021	At EORLA	Received Time 20/12/2021 11:51 AM
(ABNORMAL) ALT - Final Component ALT Specimen (Source)	Value 11 (L) Anatomical Loc Laterality	Ref Range 12 - 49 U/L Pation /	Test Method Collection Method /	Time Collection Ti 20/12/2021	At EORLA	Received Time 20/12/2021 11:51 AM
(ABNORMAL) ALT - Final Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers	Value 11 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR	Ref Range 12 - 49 U/L Pation /	Test Method Collection Method / Volume	Time Collection Ti 20/12/2021	At EORLA ime 11:30 AM	Received Time 20/12/2021 11:51 AM
(ABNORMAL) ALT - Final Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald	Value 11 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR	Ref Range 12 - 49 U/L Pation /	Test Method Collection Method /	Time Collection Ti 20/12/2021 EST	At EORLA ime 11:30 AM	Received Time 20/12/2021 11:51 AM
(ABNORMAL) ALT - Final Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization	Value 11 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR	Ref Range 12 - 49 U/L Pation /	Test Method Collection Method / Volume	Time Collection Ti 20/12/2021 EST	At EORLA ime 11:30 AM	Received Time 20/12/2021 11:51 AM
(ABNORMAL) ALT - Final Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization	Value 11 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR Address	Ref Range 12 - 49 U/L ation / DERABLES	Test Method Collection Method / Volume	Time Collection Ti 20/12/2021 EST Phone Num	At EORLA Ime 11:30 AM	Received Time 20/12/2021 11:51 AM
(ABNORMAL) ALT - Final Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA TSH - Final result (20/12)	Value 11 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR Address	Ref Range 12 - 49 U/L ation / DERABLES	Test Method Collection Method / Volume	Time Collection Ti 20/12/2021 EST	At EORLA ime 11:30 AM	Received Time 20/12/2021 11:51 AM EST
(ABNORMAL) ALT - Final Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA	Value 11 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR Address 2/2021 11:30 A	Ref Range 12 - 49 U/L ation / DERABLES	Test Method / Collection Method / Volume	Time Collection Ti 20/12/2021 EST Phone Num	At EORLA ime 11:30 AM ber Performed	Received Time 20/12/2021 11:51 AM
(ABNORMAL) ALT - Final Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA TSH - Final result (20/12 Component	Value 11 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR Address 2/2021 11:30 A Value	Ref Range 12 - 49 U/L ation / DERABLES DERABLES M EST) Ref Range 0.27 - 4.20 mIU/L	Test Method / Collection Method / Volume	Time Collection Ti 20/12/2021 EST Phone Num	At EORLA ime 11:30 AM ber Performed At	Received Time 20/12/2021 11:51 AM EST
(ABNORMAL) ALT - Final Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA TSH - Final result (20/12 Component	Value 11 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR Address 2/2021 11:30 A Value 2.06	Ref Range 12 - 49 U/L ation / DERABLES DERABLES M EST) Ref Range 0.27 - 4.20 mIU/L	Test Method / Collection Method / Volume City/State/ZIP Code Test Method	Time Collection Ti 20/12/2021 EST Phone Num	At EORLA ime 11:30 AM ber Performed At EORLA	Received Time 20/12/2021 11:51 AM EST

				EST		EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			<i>.</i>			
ALKALINE PHOSPHATA	SE (ALP) - Fina		0/12/2021 11:30 AM ES			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	77	50 - 112	Test Method	TITLE	EORLA	Fathologist Signature
ALF		U/L			EURLA	
	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 Vickers	lab blood or	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
BILIRUBIN, TOTAL - Fina Component	al result (20/12, Value	/2021 11: Ref Range	30 AM EST) Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	6	<=15			EORLA	
	Anatomical Loc	umol/L	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ime	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 Vickers	lab blood or	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (20/12/2021 11:30 AM EST)

Component	Value	Ref	Tast Mathad	Analysis Time	Performed	Dathalagist Signatura
Component Na	142	Range 136 - 144 mmol/L	Test Method	nine	At EORLA	Pathologist Signature
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			EORLA	

mmol/L						
	Anatomical Loo	ration /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ime	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 Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) PSA FREE/	TOTAL RATIO M	ONITOR - Ref	Final result (20/12/2021	12:00 AM EST Analysis) Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Prostate specific Ag	4.71 (H)	0 - 4.50 ug/L			OLIS	
Comment: Nature of Ab Prostate Specific Antigen		ex-based p >0.25	opulation		OLIS	
Free/Total Prostate Specific Antigen Ratio Comment: The following interpr Total PSA is 4.0 - 10 Depending on disease Free/Total PSA ratio prostate cancer is 49 Free/Total PSA ratio the probability of pr Nature of Abnormal Te	.0 ug/L. prevalence and is < 0.11, the -65%; when the is >0.25, ostate cancer	d age, whe e probabi e is 9-16%	en the lity of			
Specimen (Source)	Anatomical Loo Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Serum				20/12/2021		20/12/2021
Narrative						
OLIS - 20/12/2021 a Patient Name on the o	rder was WILSO	on Randy :	JAMES			
Authorizing Provider	Result Type					
Michel Maalouf	lab blood of	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
OLIS						
GLUCOSE RANDOM - F		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	5.4 Anatomical Loo	4.0 - 11.0 mmol/L	Collection Method /		EORLA	
Specimen (Source)	Laterality	Lation /	Volume	Collection Ti		Received Time

22/11/2021 3:35 PM EST 22/11/2021 6:34 PM EST

Authorizing	Provider	Result	Type

Blood

Michael MacDonald Vickers	LAB BLOOD OR	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
AUTOMATED DIFFEREN	ITIAL - Final re	sult (22/1 ⁻ Ref	1/2021 3:35 PM EST)	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 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)	Laterality		Volume	Collection T		Received Time
Blood				22/11/2021	3:35 PM EST	22/11/2021 3:46 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
CREATININE - Final resu	ılt (22/11/2021		EST)			
Component	Value	Ref	Test Methesd	Analysis Time c	Performed	Dath allo aist Cisco at una
Component Creatinine	Value 87	Range 62 - 100 umol/L	Test Method	Time	At EORLA	Pathologist Signature
Specimen (Source)	Anatomical Loc Laterality		Collection Method / Volume	Collection T	ïme	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	LAB BLOOD OR					
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) CBC - Final	result (22/11/2	021 3:35 P	M EST)			
		Ref		Analysis	Performed	
Component WBC	Value 8.9	Range 3.5 - 10.5	Test Method	Time	At EORLA	Pathologist Signature
RBC	2 60 (1)	x10^9/L 4.00 -			EORLA	
	3.69 (L)	4.00 - 5.50			EUKLA	

		x10^12/L				
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	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Lateranty		Volume			22/11/2021 3:46 PM EST
				,,		,,
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
ALT - Final result (22/11	1/2021 3:35 PN	1 EST)				
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	13	12 - 49 U/L			EORLA	
		0,2				
	Anatomical Loc	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				22/11/2021	5.55 PIVI EST	22/11/2021 3:46 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA			·			
TSH - Final result (22/1	1/2021 3:35 PN					
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	2.11	0.27 - 4.20			EORLA	

Anatomical Location / Collection Method /

Specimen (Source)	Laterality		Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)			22/11/2021 3:35 PM		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	ber	
EORLA						
ALKALINE PHOSPHATA	SE (ALD) Eina	l rocult (2'	0/11/2021 2.25 DM ECT)			
ALKALINE PHOSPHATA	SE (ALF) - FIIId	Ref	2/11/2021 5.55 PIVI EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	74	50 - 112			EORLA	
		U/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality	ation /	Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)					3:35 PM EST	
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
	l	(2021 2.2)				
BILIRUBIN, TOTAL - Fina	ai result (22/11,	2021 3:35 Ref	PIVI EST)	Applysic	Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
Bilirubin Total	6	<=15			EORLA	
		umol/L				
		/				
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Lateranty		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						
ELECTROLYTE PANEL (E	LECTROLYTES)		sult (22/11/2021 3:35 PN			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	140	136 - 144		nine	EORLA	
	. 10	mmol/L				

INd	140	mmol/L	LOREA
К	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

	Anatomical Loca	ation /	Collection Method /	Collection T		Descived Times
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume	Collection Ti		Received Time 22/11/2021 3:46 PM EST
BIOOU (BIOOU, VEHIOUS)				22/11/2021	5.55 PIVI ESI	22/11/2021 5.40 PWI 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-	-UPLOADED) -	Final resu Ref	lt (27/10/2021 2:44 PM	EDT) Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose by POCT Glucose Meter	5.7	4.0 - 11.0 mmol/L			EORLA	
	Anatomical Loca	ation /	Collection Method /			
Specimen (Source)	Laterality	-	Volume	Collection Ti	me	Received Time
Blood				27/10/2021	2:44 PM EDT	27/10/2021 2:44 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB POCT ORD	ERABLES -	DEVICE			
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
AUTOMATED DIFFEREN	ITIΔI - Final res	ult (25/1(0/2021 2·35 PM FDT)			
		Ref	0/20212.331W12D1)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	3.9	2.0 - 7.5 x10^9/L			EORLA	
Lymphocyte	1.0	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.5	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	
	Anatomical Loca	ation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection Ti	me	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 OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA	, ((d) (3)			i none nulli		

CREATININE - Final result (25/10/2021 2:35 PM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	80	62 - 100 umol/L			EORLA	
	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
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 (25/10/2021 2:35 PM EDT)

(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	5.9	3.5 - 10.5 x10^9/L			EORLA	
RBC	3.55 (L)	4.00 - 5.50 x10^12/L			EORLA	
HGB	116 (L)	125 - 170 g/L			EORLA	
НСТ	0.355 (L)	0.380 - 0.500 L/L			EORLA	
MCV	100.0	80.0 - 100.0 fL			EORLA	
МСН	32.7	27.0 - 34.0 pg			EORLA	
МСНС	327	315 - 355 g/L			EORLA	
RDW	12.6	11.5 - 15.5 %			EORLA	
Plat	253	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 T	ime	Received Time
Blood (Blood, Venous)	Lateranty		Volume			25/10/2021 2:56 PM EDT
				23/10/2021		23/10/2021 2.30 FIVE LDT
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 (25/10/2021 2:35 PM EDT)

Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	10 (L)	12 - 49 U/L			EORLA	
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection	Time	Received Time
Blood (Blood, Venous)				25/10/202	1 2:35 PM EDT	25/10/2021 2:56 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OI	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nu	nber	
EUKLA						

TSH - Final result (25/10/2021 2:35 PM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
TSH	1.47	0.27 -			EORLA	
		4.20				
		mIU/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
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

ALKALINE PHOSPHATASE (ALP) - Final result (25/10/2021 2:35 PM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	69	50 - 112 U/L			EORLA	
	Anatomical Loo	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
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)			

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	5	<=15 umol/L			EORLA	
Specimen (Source)	Anatomica Laterality	Location /	Collection Method / Volume	Collection	Time	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 OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			·			
ELECTROLYTE PANEL (E	LECTROLYTES)	- Final res	sult (25/10/2021 2:35 Pl	M EDT) Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	139	136 - 144 mmol/L			EORLA	
К	4.5	3.5 - 5.1 mmol/L			EORLA	
Cl	102	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)				25/10/2021	2:35 PM EDT	25/10/2021 2:56 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	lab blood or	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

OCCULT BLOOD, STOOL - Final result (05/10/2021 6:00 PM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Specimen Comment	NOT NEEDED				OLIS	
Comment:						
FIT:	Specime	n Receive	d After 6 Months			

Comment: Your patient returned the FIT collection device more than 6 months after the FIT requisition was received at the lab.

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.

Specimen (Source)	Laterality	Volume	Collection Time	Received Time
Stool = Fecal			05/10/2021 6:00 PM EDT	05/10/2021 6:00 PM EDT
Narrative				
OLIS - 07/10/2021	12:22 AM EDT			
Collection date/time	is not provided; it is	s derived from the prov	vided Order date/time	
Authorizing Provider	Result Type			
Michel Maalouf	LAB BODY FLUIDS AND S	STOOLS ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number	
OLIS				
CT NECK W IV CONTRA	VST Final recult (05/10			
Anatomical Region	Laterality	Modality		
Neck		· · · · · · · · · · · · · · · · · · ·	Tomography	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Specifien (Source)	Lateranty	Volume	08/10/2021 11:12 AM	
			EDT	
Impressions	08/10/2021 11:54 AM	FDT		
				- 4
change. Recommended c	clinical attention to a	airway patency.	d with June 4, 2021. No	adverse interval
For report clarificat	ion: rads@toh.ca			
Narrative	00/10/2021 11.54			
CONTRAST-ENHANCED CT	08/10/2021 11:54 AM NECK	EDI		
INDICATION:				
stage 4 oropharyngeal	cancer. ? Response to	o immunotherapy.		
TECHNIQUE:				
Multiple 2.5-mm axial including high resolu		ages were obtained from	n mid intracranial cavit	y to below carina,
	enhanced CT neck of Ju	une $14 - 2021$		
FINDINGS:	enhanced of neck of st	une 14, 2021.		
	nothologic mottod ly	mphadananathy involving	the night lovel 2 and	2 magians of the mask
with right parapharyn 33 mm transverse in t hypopharyngeal wall i	ngeal extension encasin coday's study. Its invo s less pronounced than	ng the carotid space. T olvement of and mass ef	g the right level 2 and This lesion measures app Ffect imposed on the rig / of the right common an sion.	roximately 40 mm AP x ht oropharyngeal and
	l palsy, unchanged from		the oropharynx and supra mild to moderate narrow	
No new lymphadenopath	ny or neck mass has dev	veloped in the interval	l.	
	s are well preserved. (nged. Unchanged diffus		e. There is diffuse fatt	
		5 5	Te pracysma and scernoer	erdomastoru muscre.

Marlise Peruzzo Dos Santos - 08/10/2021 Formatting of this note might be different from the original. CONTRAST-ENHANCED CT NECK 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)

Anatomical Region	Laterality	Modality		
Chest		Computed	l Tomography	
	Anatomical Location /	Collection Method /		
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
			07/10/2021 4:30 PM	EDT
Impressions				
-Interval enlargemen -Stable 2 small node For report clarifica Narrative		atracheal lymph node. No suspicious parenchy		
CT THORAX WITH INTRA INDICATION: .; stage TECHNIQUE: Spiral ve slices. COMPARISON: June 202 TRACHEOBRONCHIAL TRI	4 oropharyngeal cancer olume acquisition during 21 EE AND LUNG: Tracheobror	r. ? response to immun y bolus enhancement in nchial tree is patent.	the thorax; axial a Two small nodules (nd non-axial orthogonal right upper lobe image 94 ss 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

ATL POWERSCRIBE

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

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	5.4	4.0 - 11.0 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	me	Received Time
Blood				27/09/2021 EDT	10:29 AM	27/09/2021 1:41 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

(ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (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 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	0.0	0.0 - 0.1 x10^9/L			EORLA	
Immature Granulocyte	0.0	<=0.1 x10^9/L			EORLA	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ïme	Received Time
Blood				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						

CREATININE - Final result (27/09/2021 10:29 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	78	62 - 100 umol/L			EORLA	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		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						

(ABNORMAL) CBC - Final result (27/09/2021 10:29 AM EDT)

Component	Value	Ref Range	Test Method	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	

МСН	34.4 (H)	27.0 - 34.0 pg			EORLA		
МСНС	343	315 - 355 EORLA g/L					
RDW	12.8	11.5 - EORLA 15.5 %					
Plat	247	130 - 380 x10^9/L					
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)	,			27/09/2021 EDT	10:29 AM	27/09/2021 10:52 AM EDT	
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 (27/09)/2021 10:29 A	Ref		Analysis	Performed		
Component	Value	Range	Test Method	Time	At	Pathologist Signature	
ALT	12	12 - 49 U/L			EORLA		
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti		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 ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
EORLA			

TSH - Final result (27/09/2021 10:29 AM EDT)

x - 1		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
TSH	1.69	0.27 - 4.20 mIU/L			EORLA	
	Anatomical Lo	ocation /	Collection Method /			
Specimen (Source)	Laterality		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						
ALKALINE PHOSPHATA	SE (ALP) - Fina		7/09/2021 10:29 AM EI		Desferred	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	76	50 - 112 U/L			EORLA	
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection T	ime	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						
BILIRUBIN, TOTAL - Fina Component Bilirubin Total	al result (27/09 Value 4	/2021 10:2 Ref Range <=15	29 AM EDT) Test Method	Analysis Time	Performed At EORLA	Pathologist Signature
	Anatomical Lo	umol/L	Collection Method /			
Specimen (Source)	Laterality	cution y	Volume	Collection T	ime	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						
(ABNORMAL) ELECTROLY	/TE PANEL (ELE	CTROLYTES	5) - Final result (27/09/20	021 10:29 AM Analysis	EDT) Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	139	136 - 144 mmol/L			EORLA	
К	5.2 (H)	3.5 - 5.1 mmol/L			EORLA	
Cl	102	98 - 107			EORLA	

Anatomical Location /Collection Method /Specimen (Source)LateralityVolumeCollection TimeReceived Time

EORLA

EORLA

mmol/L 19 - 30

mmol/L

mmol/L

8 - 16

28

9

CO2

Anion Gap

Blood (Blood, Venous)				27/09/2021	10:29 AM	27/09/2021 10:53 AM
				EDT		EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OI	RDERABLES	5			
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
OCCULT BLOOD, STOOL	Final result	(15/09/20)21 1:08 AM EDT)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Specimen Comment	NOT NEEDED	Range	restimethou	line	OLIS	
Comment: FIT:	Specime	n Not Rec	eived Within 6 Months			
Comment: Your patient within 6 months of the						
Action required for ye for your patient. Pla the importance of colo any questions or conce	ease contact orectal cance	your pati r screeni	ent to discuss ng and address			
Action required for ye patient to complete a lab (or drop it off) 2 days, to ensure it a of specimen collection	new FIT and as soon as po arrives at th	mail it b ssible, i	ack to the deally within			
Please visit cancerca access the FIT instru		FITinstru	ctions to			
Ancillary determined	the test is n	ot needed				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Stool = Fecal				15/09/2021	1:08 AM EDT	15/09/2021 1:08 AM EDT
Narrative						
OLIS - 15/09/2021 & Collection date/time		ed; it is	derived from the prov	vided Order	date/time	
Authorizing Provider	Result Type					
Michel Maalouf	LAB BODY FLU	IDS AND S	TOOLS ORDERABLES			
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
OLIS						
TSH - Final result (30/08	3/2021 3:15 PM	VI EDT) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
TSH	1.64	0.27 - 4.20 mIU/L			EORLA	
	Anatomical Lo		Collection Method /			

Specimen (Source)	Laterality		Volume Collection Time		ime	Received Time
Blood (Blood, Venous)				30/08/2021	3:15 PM EDT	30/08/2021 3:41 PM EDT
Authorizing Provider	Pocult Type					
Authorizing Provider Michael MacDonald	Result Type					
Vickers		DEINADELS				
Performing Organization	Addracc		City/State/ZIP Code	Phone Num	har	
EORLA	Auuress		Clly/State/Zir Code	FIIUNE Mum	Dei	
AUTOMATED DIFFEREN	ITIAL - Final res	sult (30/08 Ref	3/2021 3:15 PM EDT)	Apolycic	Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
Neutrophil	5.8	2.0 - 7.5 x10^9/L			EORLA	<u> </u>
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	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)			Volume	Collection T	imo	Received Time
Specimen (Source) Blood	Laterality		Volume	Collection Ti 30/08/2021		Received Time 30/08/2021 3:58 PM EDT
Blood	Laterality		Volume			
Blood Authorizing Provider	Laterality Result Type		Volume			
Blood	Laterality		Volume			
Blood Authorizing Provider Michael MacDonald	Laterality Result Type LAB BLOOD OR		Volume City/State/ZIP Code		3:15 PM EDT	
Blood Authorizing Provider Michael MacDonald Vickers	Laterality Result Type LAB BLOOD OR			30/08/2021	3:15 PM EDT	
Blood Authorizing Provider Michael MacDonald Vickers Performing Organization	Laterality Result Type LAB BLOOD OR			30/08/2021	3:15 PM EDT	
Blood Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA	Laterality Result Type LAB BLOOD OR Address	DERABLES	City/State/ZIP Code	30/08/2021	3:15 PM EDT	
Blood Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA (ABNORMAL) CBC - Final	Laterality Result Type LAB BLOOD OR Address result (30/08/20	DERABLES	City/State/ZIP Code	30/08/2021 Phone Num Analysis	3:15 PM EDT	30/08/2021 3:58 PM EDT
Blood Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA (ABNORMAL) CBC - Final Component	Laterality Result Type LAB BLOOD OR Address result (30/08/20 Value	DERABLES 021 3:15 Pl Ref Range	City/State/ZIP Code	30/08/2021 Phone Num	3:15 PM EDT ber Performed At	
Blood Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA (ABNORMAL) CBC - Final	Laterality Result Type LAB BLOOD OR Address result (30/08/20	DERABLES	City/State/ZIP Code	30/08/2021 Phone Num Analysis	3:15 PM EDT	30/08/2021 3:58 PM EDT
Blood Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA (ABNORMAL) CBC - Final Component	Laterality Result Type LAB BLOOD OR Address result (30/08/20 Value	021 3:15 Pl Ref Range 3.5 - 10.5 x10^9/L 4.00 - 5.50	City/State/ZIP Code	30/08/2021 Phone Num Analysis	3:15 PM EDT ber Performed At	30/08/2021 3:58 PM EDT
Blood Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA (ABNORMAL) CBC - Final Component WBC RBC	Laterality Result Type LAB BLOOD OR Address result (30/08/20 Value 7.4 3.07 (L)	DERABLES 021 3:15 Pl Ref Range 3.5 - 10.5 x10^9/L 4.00 - 5.50 x10^12/L	City/State/ZIP Code M EDT) Test Method	30/08/2021 Phone Num Analysis	3:15 PM EDT ber Performed At EORLA EORLA	30/08/2021 3:58 PM EDT
Blood Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA (ABNORMAL) CBC - Final Component WBC RBC HGB	Laterality Result Type LAB BLOOD OR Address result (30/08/20 Value 7.4 3.07 (L) 103 (L)	021 3:15 Pl Ref Range 3.5 - 10.5 x10^9/L 4.00 - 5.50 x10^12/L 125 - 170 g/L	City/State/ZIP Code M EDT) Test Method	30/08/2021 Phone Num Analysis	3:15 PM EDT ber Performed At EORLA EORLA EORLA	30/08/2021 3:58 PM EDT
Blood Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA (ABNORMAL) CBC - Final Component WBC RBC	Laterality Result Type LAB BLOOD OR Address result (30/08/20 Value 7.4 3.07 (L)	021 3:15 P Ref Range 3.5 - 10.5 x10^9/L 4.00 - 5.50 x10^12/L 125 - 170	City/State/ZIP Code M EDT) Test Method	30/08/2021 Phone Num Analysis	3:15 PM EDT ber Performed At EORLA EORLA	30/08/2021 3:58 PM EDT
Blood Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA (ABNORMAL) CBC - Final Component WBC RBC HGB	Laterality Result Type LAB BLOOD OR Address result (30/08/20 Value 7.4 3.07 (L) 103 (L)	DERABLES 021 3:15 Pl Ref Range 3.5 - 10.5 x10^9/L 4.00 - 5.50 x10^12/L 125 - 170 g/L 0.380 -	City/State/ZIP Code M EDT) Test Method	30/08/2021 Phone Num Analysis	3:15 PM EDT ber Performed At EORLA EORLA EORLA	30/08/2021 3:58 PM EDT
Blood Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA (ABNORMAL) CBC - Final Component WBC RBC HGB HCT	Laterality Result Type LAB BLOOD OR Address result (30/08/20 Value 7.4 3.07 (L) 103 (L) 0.316 (L)	CDERABLES 021 3:15 Pl Ref 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 -	City/State/ZIP Code M EDT) Test Method	30/08/2021 Phone Num Analysis	3:15 PM EDT ber Performed At EORLA EORLA EORLA EORLA	30/08/2021 3:58 PM EDT

EORLA

EORLA

RDW

Plat

13.9

260

g/L

11.5 -

15.5 % 130 - 380

		x10^9/L				
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		Received Time
Blood (Blood, Venous)				30/08/2021	3:15 PM EDT	30/08/2021 3:58 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	Ilt (30/08/2021 Value 74	3:15 PM Ref Range 62 - 100	EDT) Test Method	Analysis Time	Performed At EORLA	Pathologist Signature
Specimen (Source)	Anatomical Loc Laterality	umol/L	Collection Method / Volume	Collection T		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 or	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA		004 0 45 0				
(ABNORMAL) ALT - Final	result (50/08/2)	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	7 (L)	12 - 49 U/L			EORLA	
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	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ALP - Final result (30/08	3/2021 3·15 PM					
	, ,	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	75	50 - 112			EORLA	

		U/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)				30/08/2021 3	3:15 PM EDT	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 Numb	ber	
EORLA						
BILIRUBIN, TOTAL - Fina		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total Specimen (Source)	5 Anatomical Loc Laterality	<=15 umol/L ation /	Collection Method / Volume	Collection Ti	EORLA	Received Time
Blood (Blood, Venous)	Eateranty		Volume			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 Numb	Der	
EORLA						
(ABNORMAL) ELECTROLY	TE PANEL (ELEC	TROLYTES Ref	5) - Final result (30/08/20)21 3:15 PM El Analysis	DT) Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	137	136 - 144 mmol/L			EORLA	
К	4.4	3.5 - 5.1 mmol/L			EORLA	
CI	102	98 - 107 mmol/L			EORLA	
CO2	28	19 - 30 mmol/L			EORLA	
Anion Gap	7 (L)	8 - 16 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	-			30/08/2021 3	3:15 PM EDT	30/08/2021 3:48 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DEKABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
EORLA						

GLUCOSE RANDOM - Final result (03/08/2021 1:42 PM EDT)

Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	5.8	4.0 - 11.0 mmol/L			EORLA	
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection	Time	Received Time
Blood				03/08/202	21 1:42 PM EDT	03/08/2021 2:22 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
VICKEIS						
Performing Organization	Address		City/State/ZIP Code	Phone Nu	mber	
EORLA						

AUTOMATED DIFFERENTIAL - Final result (03/08/2021 1:42 PM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	5.5	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			EORLA	
		x10^9/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				
	Ameteoricalla	antinu (Collection Matheod (
Specimen (Source)	Anatomical Loo Laterality	cation /	Collection Method / Volume	Collection [·]	Timo	Received Time
· · · · · · · · · · · · · · · · · · ·	Lateranty		volume			
Blood				03/08/202	1 1:42 PM EDT	03/08/2021 2:23 PM EDT
Authorizing Drovidor	Decult Turne					
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD OF	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Nur	nher	
EORLA	7.001055			Thome Nul		

CREATININE - Final result (03/08/2021 1:42 PM EDT)

	A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	79	62 - 100 umol/L			EORLA	
	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				
Performing Organization	Address		City/State/ZIP Code	Phone Num	iber	
FORLA						

(ABNORMAL) CBC - Final result (03/08/2021 1:42 PM EDT) Performed Ref Analysis Component Value Test Method Time Pathologist Signature Range At WBC 7.2 3.5 - 10.5 EORLA x10^9/L RBC 3.04 (L) 4.00 -EORLA 5.50 x10^12/L HGB 102 (L) 125 - 170 EORLA g/L HCT 0.311 (L) 0.380 -EORLA 0.500 L/L MCV 80.0 -EORLA 102.3 (H) 100.0 fL MCH 27.0 -EORLA 33.6 34.0 pg MCHC 328 315 - 355 EORLA g/L RDW 15.3 11.5 -EORLA 15.5 % Plat 316 130 - 380 EORLA x10^9/L MPV EORLA 8.9 (L) 9.0 - 14.0 fL 0.0 EORLA NRBC/100 WBC NRBC # 0.00 0.00 -EORLA 0.00 x10^9/L Anatomical Location / Collection Method / Specimen (Source) Volume **Received Time** Laterality **Collection Time** Blood (Blood, Venous) 03/08/2021 1:42 PM EDT 03/08/2021 2:23 PM EDT Authorizing Provider Result Type Michael MacDonald LAB BLOOD ORDERABLES Vickers Phone Number Performing Organization Address City/State/ZIP Code EORLA (ABNORMAL) ALT - Final result (03/08/2021 1:42 PM EDT) Performed Ref Analysis Component Value Range Test Method Time At Pathologist Signature ALT 12 - 49 EORLA 8 (L) U/L Anatomical Location / Collection Method / Specimen (Source) Laterality Volume **Collection Time 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 ORDERABLES Vickers Performing Organization Address City/State/ZIP Code Phone Number

TSH - Final result (03/08	3/2021 1:42 PN					
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	1.72	0.27 -	- cot method	mine	EORLA	
		4.20				
		mIU/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		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				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ALP - Final result (03/08	3/2021 I:42 PM	EDT) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	76	50 - 112			EORLA	
		U/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality	,	Volume	Collection Ti	ime	Received Time
Blood (Blood, Venous)				03/08/2021	1:42 PM EDT	03/08/2021 2:22 PM EDT
Authorizing Drouidor	Decult Tures					
Authorizing Provider Michael MacDonald	Result Type					
Vickers		DEINADEES				
Derforming Organization	Address		City (State /ZID Code	Dhana Nium	bor	
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
LONLA						
BILIRUBIN, TOTAL - Fina	al result (03/08,		2 PM EDT)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	6	<=15		TITLE	EORLA	
	-	umol/L				
		,				
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Laterancy		Volume		1:42 PM EDT	
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DEKABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ELECTROLYTE PANEL (E		- Final reg	sult (03/08/2021 1·42 pi			
		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 mmol/L			EORLA	
CI	99	98 - 107 mmol/L			EORLA	
CO2	29	19 - 30 mmol/L			EORLA	
Anion Gap	10	8 - 16 mmol/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti		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				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
AUTOMATED DIFFEREN		sult (05/0 Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	4.8	2.0 - 7.5 x10^9/L			EORLA	
Lymphocyte	0.9	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	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood	Lateranty		volume			05/07/2021 5:10 PM EDT
blood				05/07/2021	5.45 T WI LD I	05/07/2021 5.101 W 201
Authorizing Provider	Result Type					
Michael MacDonald Vickers	lab blood or	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ARNORMAL) CRC - Final	rocult (05/07/2	021 2.45 0				

(ABNORMAL) CBC - Final result (05/07/2021 3:45 PM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	6.5	3.5 - 10.5 x10^9/L	5		EORLA	
RBC	2.96 (L)	4.00 - 5.50 x10^12/L	_		EORLA	
HGB	101 (L)	125 - 170 g/L)		EORLA	
НСТ	0.295 (L)	0.380 -			EORLA	

		0.500 L/L				
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	ration /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ïme	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 Vickers	LAB BLOOD OF	RDERABLES				
		(DERABLES	City/State/ZIP Code	Phone Num	ber	
Vickers		DERABLES	City/State/ZIP Code	Phone Num	iber	
Vickers Performing Organization	Address	07/2021 3 Ref Range 4.0 - 11.0	:45 PM EDT) Test Method	Phone Num Analysis Time	ber Performed At EORLA	Pathologist Signature
Vickers Performing Organization EORLA GLUCOSE RANDOM - F Component	Address inal result (05/ Value	07/2021 3 Ref Range 4.0 - 11.0 mmol/L	:45 PM EDT) Test Method	Analysis Time	Performed At EORLA	Pathologist Signature
Vickers Performing Organization EORLA GLUCOSE RANDOM - F Component Glucose Random Specimen (Source)	Address inal result (05/ Value 6.6	07/2021 3 Ref Range 4.0 - 11.0 mmol/L	:45 PM EDT) Test Method	Analysis Time Collection T	Performed At EORLA	Received Time
Vickers Performing Organization EORLA GLUCOSE RANDOM - F Component Glucose Random Specimen (Source) Blood	Address inal result (05/ Value 6.6 Anatomical Loc Laterality	07/2021 3 Ref Range 4.0 - 11.0 mmol/L	:45 PM EDT) Test Method Collection Method /	Analysis Time Collection T	Performed At EORLA	
Vickers Performing Organization EORLA GLUCOSE RANDOM - F Component Glucose Random Specimen (Source) Blood Authorizing Provider	Address inal result (05/ Value 6.6 Anatomical Loc Laterality Result Type	07/2021 3 Ref Aange 4.0 - 11.0 mmol/L	:45 PM EDT) Test Method Collection Method /	Analysis Time Collection T	Performed At EORLA	Received Time
Vickers Performing Organization EORLA GLUCOSE RANDOM - F Component Glucose Random Specimen (Source) Blood	Address inal result (05/ Value 6.6 Anatomical Loc Laterality	07/2021 3 Ref Aange 4.0 - 11.0 mmol/L	:45 PM EDT) Test Method Collection Method /	Analysis Time Collection T	Performed At EORLA	Received Time
Vickers Performing Organization EORLA GLUCOSE RANDOM - F Component Glucose Random Specimen (Source) Blood Authorizing Provider Michael MacDonald	Address inal result (05/ Value 6.6 Anatomical Loc Laterality Result Type LAB BLOOD OF	07/2021 3 Ref Aange 4.0 - 11.0 mmol/L	:45 PM EDT) Test Method Collection Method /	Analysis Time Collection T	Performed At EORLA ime 3:45 PM EDT	Received Time

(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	

Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
Blood				05/07/2021	3:45 PM EDT	05/07/2021 5:12 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD ORDE					
Vickers	LAB BLOOD ORDL	INADLLS				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
CREATININE - Final resu	ul+ (05/07/2021 2)					
CREATININE - FIIIdi Test		ef		Analysis	Performed	
Component		ange	Test Method	Time	At	Pathologist Signature
Creatinine		2 - 100 mol/L			EORLA	
	Anatomical Locati	on /	Collection Method /			D
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood				03/07/2021	J.4J FIVI EUT	05/07/2021 5:12 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDE	RABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA	, (441055					
TSH - Final result (05/0 Component	R Value R	ef ange	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	4.	.27 - .20 nIU/L			EORLA	
Specimen (Source)	Anatomical Locati Laterality	on /	Collection Method / Volume	Collection T	ïme	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 ORDE	RABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) MAGNESIU		5/07/20 ef	21 3:45 PM EDT)	Analysis	Performed	
Component		ange	Test Method	Time	At	Pathologist Signature
Mg	1.	.66 - .07 nmol/L			EORLA	
	Anatomical Locati	on /	Collection Method /			
Specimen (Source)	Laterality	-	Volume	Collection T	ïme	Received Time
Blood				05/07/2021	3:45 PM EDT	05/07/2021 5:12 PM EDT
Authorizing Provider	Result Type					

Anatomical Location / Collection Method /

Michael MacDonald Vickers	lab blood or	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ELECTROLYTE PANEL (E	LECTROLYTES)		sult (05/07/2021 3:45 P			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	139	136 - 144 mmol/L			EORLA	
К	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	
Specimen (Source)	Anatomical Loc	ation /	Collection Method / Volume	Collection Ti	imo	Received Time
Specimen (Source) Blood	Laterality		volume			05/07/2021 5:12 PM EDT
Authorizing Provider	Decult Turne					
Michael MacDonald	Result Type	DFRABI FS				
Vickers						
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
CT NECK W WO IV CON Anatomical Region	ITRAST - Final _{Laterality}		Modality			
Neck, Vascular			Computed	Tomography		
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
				17/06/2021	1:12 PM EDT	
Impressions ATL POWERSCRIBE - 1	7/06/2021 8	20 PM E				
No significant interva node conglomerate mass prior.	al change in c	omparison	n to previous study fr	om March 202 Ila and tongu	1. Irregula Ne root rema	r right cervical lymph ins comparable to
Isabelle Danika Gauth [.]	ier, PGY 2					
Narrative						
ATL POWERSCRIBE - 1 CT NECK WITH AND WITH		20 PM E	DT			
INDICATION: 67 years (old Male " sta	ge 4 н/N	cancer. ? Progression	on chemo. "		
TECHNIQUE: Helical CT multiplanar reformatte COMPARISON: CT neck Ma	ed images.	as perfor	med with and without	intravenous	contrast ad	ministration, with
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. "

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.

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, F	PGY 2		
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 CONTR	AST - Final result (14/0	6/2021 3:56 PM EDT)		
Anatomical Region	Laterality	Modality		
Chest		Computed	Tomography	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
specimen (source)	Lateranty	volume	17/06/2021 2:13 PM	
			17/00/2021 2.13 PW	EDT
Impressions				
ATL POWERSCRIBE - 3 1. No evidence of met	astatic disease within hy lung opacities are		piratory in nature.	
Narrative ATL POWERSCRIBE - 2 CT THORAX WITH IV CON		EDT		
	4 H/N cancer. ? progre 2021, February 3, 202			
lower lobe solid pulm suspicious pulmonary 5 mm and previously 4 nodule measuring 3 mm LYMPH NODES & MEDIAST PLEURA & PERICARDIUM: HEART & VESSELS: Seve ESOPHAGUS: Unremarkab LOWER NECK: CT neck r BONES & CHEST WALL: U	onary nodule (7/188) nodules. Stable left of mm on February 3, 202 (7/109), unchanged. M INUM: No thoracic lymp No pleural or perical re coronary artery ca le. eported separately. nremarkable. liver segment 6 hypoo	is unchanged since Nove upper lobe solid pulmon 21. Stable left lower No enlarging or suspic oh node enlargement. rdial effusion. lcification.	ember 19, 2018 and b nary nodule measurin lobe, superior basal ious pulmonary nodul	opacities. Stable right enign. No enlarging or g 5 mm (7/77), previous a segment, solid pulmonary es. 18 and represents a benign
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:

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 IMG CT PROCEDURES Vickers ATL POWERSCRIBE

CROSSMATCH & PREPARE RED BLOOD CELLS (PREPARE RBC) - Final result (09/06/2021 10:02 AM EDT) Ref Analysis

		Ref			Analysis		
Component		Range	Test Method		Time		Pathologist Signature
Unit Number	C055521421487					CERNER TRANSFUSION MEDICINE	I
Blood Product Code	E6050V00					CERNER TRANSFUSION MEDICINE	l
Blood Expiration Date	202106292359					CERNER TRANSFUSION MEDICINE	I
Unit ABORh Code	6200					CERNER TRANSFUSION MEDICINE	I
Blood Product Name	Red Blood Cells					CERNER TRANSFUSION MEDICINE	I
Unit Number	C055521423040					CERNER TRANSFUSION MEDICINE	I
Blood Product Code	E6050V00					CERNER TRANSFUSION MEDICINE	I
Blood Expiration Date	202106292359					CERNER TRANSFUSION MEDICINE	I
Unit ABORh Code	6200					CERNER TRANSFUSION MEDICINE	I
Blood Product Name	Red Blood Cells					CERNER TRANSFUSION MEDICINE	I
	A						
Specimen (Source)	Anatomical Loca Laterality	ition /	Collection Met Volume	hod /	Collection 1	Time	Received Time
					09/06/2021 EDT		
Authorizing Provider	Result Type						
Michael MacDonald Vickers	BLOOD BANK PI	RODUCT	ORDERABLES				
Performing Organization	Address		City/State/ZIP (Code	Phone Num	nber	
CERNER TRANSFUSION MEDICINE							
ABO RH CONFIRMATIO		(09/06/2 Ref	2021 8:15 AM E	EDT)	Analysis	Performed	
Component	Value	Range	Test Method		Time	At	Pathologist Signature
ABO Rh Confirmation	A POS					EORLA	
	Anatomical Loca	ation /	Collection Met	hod /			
Specimen (Source)	Laterality		Volume		Collection 1	Time	Received Time
Blood					09/06/2021	8:15 AM EDT	09/06/2021 8:17 AM EDT

Authorizing Provider	Result Type					
Generic Orders Provider		NK TEST O	RDERABLES			
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA			, , , , , , , , , , , , , , , , , , ,			
(ABNORMAL) AUTOMAT	ED DIFFERENTIA		esult (08/06/2021 9:38 /			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Neutrophil	2.6	2.0 - 7.5 x10^9/L			EORLA	
Lymphocyte	0.5 (L)	0.8 - 3.5 x10^9/L			EORLA	
Monocyte	0.1	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 (Seurce)	Anatomical Loc	ation /	Collection Method / Volume	Collection T	imo	Received Time
Specimen (Source) Blood	Laterality		volume			08/06/2021 10:21 AM
biood				00/00/2021	5.50 AW LDT	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 (08/06/2021	9:38 AM	EDT)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	71	62 - 100		Time	EORLA	
		umol/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		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	LAB BLOOD OR	DERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) CBC - Final	result (08/06/2	021 ዓ·ጓጰ ል	M EDT)			
(ADINO NIVIAL) CDC - Filldi	165uit (00/00/2	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	3.3 (L)	3.5 - 10.5 x10^9/L			EORLA	

RBC	2.29 (L)	4.00 - 5.50 x10^12/L			EORLA	
HGB	81 (L)	125 - 170 g/L			EORLA	
НСТ	0.237 (L)	0.380 - 0.500 L/L			EORLA	
MCV	103.5 (H)	80.0 - 100.0 fL			EORLA	
MCH	35.4 (H)	27.0 - 34.0 pg			EORLA	
МСНС	342	315 - 355 g/L			EORLA	
RDW	13.7	11.5 - 15.5 %			EORLA	
Plat	138	130 - 380 x10^9/L			EORLA	
MPV	10.1	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 /			S . I.T.
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				08/06/2021	9:38 AM EDT	08/06/2021 10:21 AM EDT
Authorizing Provider	Decult Tures					
	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Michael MacDonald Vickers	LAB BLOOD OF		City/State/ZIP Code	Phone Num	ber	
Michael MacDonald	LAB BLOOD OF		City/State/ZIP Code	Phone Num	ber	
Michael MacDonald Vickers Performing Organization EORLA (ABNORMAL) ALT - Final	LAB BLOOD OR Address result (08/06/2	021 9:38 A Ref	M EDT)	Analysis	Performed	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA (ABNORMAL) ALT - Final Component	Address result (08/06/2 Value	021 9:38 A Ref Range			Performed At	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA (ABNORMAL) ALT - Final	LAB BLOOD OR Address result (08/06/2 Value 10 (L)	021 9:38 A Ref Range 12 - 49 U/L	M EDT) Test Method	Analysis	Performed	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA (ABNORMAL) ALT - Final Component ALT	LAB BLOOD OR Address result (08/06/2 Value 10 (L) Anatomical Loc	021 9:38 A Ref Range 12 - 49 U/L	M EDT) Test Method Collection Method /	Analysis Time	Performed At EORLA	
Michael MacDonald Vickers Performing Organization EORLA (ABNORMAL) ALT - Final Component ALT Specimen (Source)	LAB BLOOD OR Address result (08/06/2 Value 10 (L)	021 9:38 A Ref Range 12 - 49 U/L	M EDT) Test Method	Analysis Time Collection T	Performed At EORLA ime	Received Time
Michael MacDonald Vickers Performing Organization EORLA (ABNORMAL) ALT - Final Component ALT	LAB BLOOD OR Address result (08/06/2 Value 10 (L) Anatomical Loc	021 9:38 A Ref Range 12 - 49 U/L	M EDT) Test Method Collection Method /	Analysis Time Collection T	Performed At EORLA ime	
Michael MacDonald Vickers Performing Organization EORLA (ABNORMAL) ALT - Final Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider	LAB BLOOD OR Address result (08/06/2 Value 10 (L) Anatomical Loc	021 9:38 A Ref Range 12 - 49 U/L	M EDT) Test Method Collection Method /	Analysis Time Collection T	Performed At EORLA ime	Received Time 08/06/2021 10:21 AM
Michael MacDonald Vickers Performing Organization EORLA (ABNORMAL) ALT - Final Component ALT Specimen (Source) Blood (Blood, Venous)	LAB BLOOD OR Address result (08/06/2 Value 10 (L) Anatomical Loc Laterality	021 9:38 A Ref Range 12 - 49 U/L cation /	M EDT) Test Method Collection Method /	Analysis Time Collection T	Performed At EORLA ime	Received Time 08/06/2021 10:21 AM
Michael MacDonald Vickers Performing Organization EORLA (ABNORMAL) ALT - Final Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald	LAB BLOOD OR Address result (08/06/2 Value 10 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR	021 9:38 A Ref Range 12 - 49 U/L cation /	M EDT) Test Method Collection Method /	Analysis Time Collection T	Performed At EORLA ime 9:38 AM EDT	Received Time 08/06/2021 10:21 AM
Michael MacDonald Vickers Performing Organization EORLA (ABNORMAL) ALT - Final Component ALT Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers	LAB BLOOD OR Address result (08/06/2 Value 10 (L) Anatomical Loc Laterality Result Type LAB BLOOD OR	021 9:38 A Ref Range 12 - 49 U/L cation /	M EDT) Test Method Collection Method / Volume	Analysis Time Collection T 08/06/2021	Performed At EORLA ime 9:38 AM EDT	Received Time 08/06/2021 10:21 AM

ALP - Final result (08/06/2021 9:38 AM EDT)

Component	Value	Ref Range Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	88	50 - 112		EORLA	

		0/L				
	Anatomical Loc	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 10:21 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Numl	ber	
(ABNORMAL) MAGNESIU	M - Final result	(08/06/20 2 Ref	21 9:38 AM EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Mg	0.47 (L)	0.66 - 1.07 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Lateranty		Volume			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 Numl	ber	
EORLA						
BILIRUBIN, TOTAL - Fina		Ref		Analysis	Performed	Dethals side Circuit an
Component Bilirubin Total	Value 8	Range <=15	Test Method	Time	At	Pathologist Signature
Billubin Totai	o Anatomical Loc	umol/L	Collection Method /		EORLA	
Specimen (Source)	Laterality		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	Result Type					
Michael MacDonald Vickers	lab blood or	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	ber	
EORLA						
ELECTROLYTE PANEL (E		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	138	136 - 144 mmol/L			EORLA	
К	4.1	3.5 - 5.1 mmol/L			EORLA	

U/L

Cl	98	98 - 107 mmol/L			EORLA	
CO2	28	19 - 30 mmol/L			EORLA	
Anion Gap	12	8 - 16 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	imo	Received Time
Blood (Blood, Venous)	Lateranty		volume			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						
ABO RH (TOH/UOHI) - _Component	Final result (08 Value	/06/2021 Ref Range	9:38 AM EDT) Test Method	Analysis Time	Performed At	Pathologist Signature
ABO Rh	A POS				EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / 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 BA	NK TEST O	RDERABLES			
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ANTIBODY SCREEN (TO	H/UOHI) - Fin		08/06/2021 9:38 AM ED			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Antibody Screen	Negative				EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
Blood (Blood, Venous)	Lateranty		Volume			08/06/2021 10:17 AM
						EDT
Authorizing Provider Michael MacDonald	Result Type					
Vickers	LAB BLOOD BA	INK TEST O	NDENADLES			
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
HOURS SINCE LAST ME	AL - Final resu	lt (02/06/ Ref	2021 11:22 AM EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Hours post prandial	0	hrs			OLIS	

	Anatomical Loo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	-	Received Time
Patient				02/06/2021 EDT	11:22 AM	02/06/2021 11:22 AM EDT
Narrative						
OLIS - 02/06/2021 & Patient Name on the o			JAMES			
Patrent Name on the o	iuei was wilso	UN KANDT	JAMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB URINE OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
OLIS						
COBALAMINS - Final re	esult (02/06/20	21 8:05 A Ref	M EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Vitamin B12	358	>220 pmol/L			OLIS	
Comment:		pmor/L				
	148 pmol/L					
	220 pmol/L 220 pmol/L					
60% OF SYMPTOMATIC PA	•					
HEMATOLOGIC OR NEUROL		то				
B12 SUPPLEMENTATION A <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>	T A LEVEL					
Nature of Abnormal Te	st: An aged-ba	ased popu	lation			
	Anatomical Loo	cation /	Collection Method /			
Specimen (Source)	Anatomical Loo Laterality	cation /	Collection Method / Volume	Collection T	_	Received Time
Specimen (Source) Serum		cation /			_	Received Time 02/06/2021 8:05 AM EDT
Serum Narrative	Laterality	cation /			_	
Serum	Laterality 8:06 PM EDT		Volume		_	
Serum Narrative OLIS - 02/06/2021 a Patient Name on the o Authorizing Provider	Laterality 8:06 PM EDT rder was WILSO Result Type	ON RANDY	Volume		_	
Serum Narrative OLIS - 02/06/2021 & Patient Name on the o	Laterality 8:06 PM EDT order was WILSO	ON RANDY	Volume		_	
Serum Narrative OLIS - 02/06/2021 a Patient Name on the o Authorizing Provider	Laterality 8:06 PM EDT order was WILSO Result Type LAB URINE OR	ON RANDY	Volume		8:05 AM EDT	
Serum Narrative OLIS - 02/06/2021 & Patient Name on the o Authorizing Provider Michel Maalouf	Laterality 8:06 PM EDT order was WILSO Result Type LAB URINE OR	ON RANDY	Volume	02/06/2021	8:05 AM EDT	
Serum Narrative OLIS - 02/06/2021 a Patient Name on the o Authorizing Provider Michel Maalouf Performing Organization	Laterality 8:06 PM EDT order was WILSO Result Type LAB URINE OR	ON RANDY	Volume	02/06/2021	8:05 AM EDT	
Serum Narrative OLIS - 02/06/2021 a Patient Name on the o Authorizing Provider Michel Maalouf Performing Organization	Laterality 8:06 PM EDT rder was WILSO Result Type LAB URINE OR Address	ON RANDY	Volume JAMES City/State/ZIP Code	02/06/2021 Phone Num	8:05 AM EDT	
Serum Narrative OLIS - 02/06/2021 & Patient Name on the o Authorizing Provider Michel Maalouf Performing Organization OLIS	Laterality 8:06 PM EDT rder was WILSO Result Type LAB URINE OR Address	ON RANDY DERABLES	Volume JAMES City/State/ZIP Code	02/06/2021	8:05 AM EDT	
Serum Narrative OLIS - 02/06/2021 a Patient Name on the o Authorizing Provider Michel Maalouf Performing Organization OLIS CHOLESTEROL IN LDL - Component Cholesterol In LDL; Calculated	Laterality 8:06 PM EDT order was WILSO Result Type LAB URINE OR Address	ON RANDY DERABLES 02/06/202 Ref	Volume JAMES City/State/ZIP Code 1 8:05 AM EDT)	02/06/2021 Phone Num Analysis	8:05 AM EDT	02/06/2021 8:05 AM EDT
Serum Narrative OLIS - 02/06/2021 a Patient Name on the o Authorizing Provider Michel Maalouf Performing Organization OLIS CHOLESTEROL IN LDL - Component Cholesterol In LDL; Calculated Comment:	Laterality 8:06 PM EDT order was WILSO Result Type LAB URINE OR Address - Final result (0 Value 4.01	ON RANDY DERABLES 2/06/202 Ref Range mmol/L	Volume JAMES City/State/ZIP Code 1 8:05 AM EDT) Test Method	02/06/2021 Phone Num Analysis	8:05 AM EDT	02/06/2021 8:05 AM EDT
Serum Narrative OLIS - 02/06/2021 a Patient Name on the o Authorizing Provider Michel Maalouf Performing Organization OLIS CHOLESTEROL IN LDL - Component Cholesterol In LDL; Calculated	Laterality 8:06 PM EDT order was WILSO Result Type LAB URINE OR Address - Final result (0 Value 4.01 lation is deco	ON RANDY DERABLES 2/06/202 Ref Range mmol/L reased if	Volume JAMES City/State/ZIP Code 1 8:05 AM EDT) Test Method fasting	02/06/2021 Phone Num Analysis	8:05 AM EDT	02/06/2021 8:05 AM EDT
Serum Narrative OLIS - 02/06/2021 a Patient Name on the o Authorizing Provider Michel Maalouf Performing Organization OLIS CHOLESTEROL IN LDL - Component Cholesterol In LDL; Calculated Comment: LDL-cholesterol calcul < or = 10 hours. Cons as an alternate lipid	Laterality 8:06 PM EDT rder was WILSO Result Type LAB URINE OR Address - Final result (0 Value 4.01 lation is decr ider the non-H target if mor	ON RANDY DERABLES 2/06/202 Ref Range mmol/L reased if HDL-chole nitoring	Volume JAMES City/State/ZIP Code 1 8:05 AM EDT) Test Method fasting sterol value	02/06/2021 Phone Num Analysis	8:05 AM EDT	02/06/2021 8:05 AM EDT
Serum Narrative OLIS - 02/06/2021 a Patient Name on the o Authorizing Provider Michel Maalouf Performing Organization OLIS CHOLESTEROL IN LDL - Component Cholesterol In LDL; Calculated Comment: LDL-cholesterol calcul < or = 10 hours. Cons	Laterality 8:06 PM EDT rder was WILSO Result Type LAB URINE OR Address - Final result (0 Value 4.01 lation is decr ider the non-H target if mor	ON RANDY DERABLES 2/06/202 Ref Range mmol/L reased if HDL-chole nitoring	Volume JAMES City/State/ZIP Code 1 8:05 AM EDT) Test Method fasting sterol value	02/06/2021 Phone Num Analysis	8:05 AM EDT	02/06/2021 8:05 AM EDT

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

Serum

Narrative						
OLIS - 02/06/2021 & Patient Name on the o		on Randy	JAMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB URINE OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone N	umber	
OLIS						
(ABNORMAL) PSA FREE/1	TOTAL RATIO M	IONITOR - Ref	Final result (02/06/2	021 8:05 AM EE Analysis)) Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Prostate specific Ag	7.58 (H)	0 - 4.50 ug/L			OLIS	
Comment: Nature of Ab			opulation			
Prostate Specific Antigen Free/Total Prostate Specific Antigen Ratio Comment:		>0.25			OLIS	
The following interpr Total PSA is 4.0 - 10 Depending on disease	.0 ug/L. prevalence an	d age, wh	en the			
Free/Total PSA ratio prostate cancer is 49 Free/Total PSA ratio	-65%; when the	-	lity of			
the probability of pr Nature of Abnormal Te						
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	, Collection	n Time	Received Time
Serum	Laterality		volume			02/06/2021 8:05 AM EDT
				02/00/20		
Narrative OLIS - 02/06/2021 8	8:05 PM EDT					
Patient Name on the o		on randy	JAMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB BLOOD OI	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone N	umber	
OLIS						
TOTAL CHOLESTEROL/H	HDL RATIO - F	inal result _{Ref}	(02/06/2021 8:05 A	AM EDT) Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Cholesterol/Cholesterol In HDL Ratio	5.6				OLIS	
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	, Collection	n Time	Received Time
Serum	J					02/06/2021 8:05 AM EDT
Narrative						
OLIS - 02/06/2021 8	3:05 PM EDT rder was WILS					

Authorizing Provider	Result Type		
Michel Maalouf	LAB BLOOD ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
OLIS			

(ABNORMAL) NON-HDL CHOLESTEROL - Final result (02/06/2021 8:05 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Cholesterol Non HDL	4.86 (H)	<4.29			OLIS	
		mmol/L				

Comment:

Non HDL-cholesterol is calculated from total cholesterol

and HDL-cholesterol and is not affected by

the fasting status of the patient. Treatment thresholds and targets based on 2016 CCS guidelines:

Category	Consider initiating therapy if	Treatment target
	_	
Primary	High FRS (>=20%); or Intermediate FRS	LDL-C <2.00 mmol/L
prevention	1 (10-19%) and: LDL-C >=3.5 mmol/L, or	<pre>or >50% decrease;</pre>
1	non-HDL-C >=4.30 mmol/L, or ApoB	or ApoB <0.80 g/L;
1	$ \!>=\!1.20$ g/L, or men $>=\!50$ and women $>=\!60$	or non-HDL-C <2.60
1	<pre> y with >=1 additional CVD risk factor</pre>	mmol/L
	_ [
Statin	Clinical atherosclerosis*;	LDL-C <2.00 mmol/L
indicated	abdominal aortic aneurysm; diabetes	<pre> or >50% decrease; </pre>
conditions	s mellitus (DM) and age >=40 y or >=30 y	or ApoB <0.80 g/L;
1	with 15 years duration (DM1); DM with	or non-HDL-C <2.60
1	<pre> microvascular disease; chronic kidney</pre>	mmol/L
1	disease (age >=50 years)	
	_	
Low-risk	LDL-C >=5.00 mmo1/L	LDL-C >50% decrease

*Consider target of LDL-C <1.8 mmol/L for subjects with ACS <=3 months. Nature of Abnormal Test: An aged-based population

	Anatomical Location /	Collection Method /			
Specimen (Source)	Laterality	Volume	Collection	Time	Received Time
Serum			02/06/202	1 8:05 AM EDT	02/06/2021 8:05 AM EDT
Narrative					
OLIS - 02/06/2021 & Patient Name on the o					
Patrent Name on the o	TUET WAS WILSON RANDT	JAMES			
Authorizing Provider	Result Type				
Michel Maalouf	LAB BLOOD ORDERABLE	S			
Performing Organization	Address	City/State/ZIP Code	Phone Nur	nber	
OLIS					
(ABNORMAL) CHOLESTEI	DOL BANDOM Einel re	cult (02/06/2021 9:05 AM			
	Ref	Sult (02/00/2021 8.05 AN	Analysis	Performed	
Component	Value Range	Test Method	Time	At	Pathologist Signature
Cholesterol	5.91 (H) <5.20			OLIS	
	mmol/L				
Comment:					
DESIRED: < 5.20 mmol	/L				

Nature of Abnormal Test: An aged-based population

Specimen (Source)	Anatomical L Laterality	,	Collection Method / Volume	Collection Ti	me	Received Time
Serum					_	02/06/2021 8:05 AM EDT
				0_,00,_0		
Narrative						
OLIS - 02/06/2021 Patient Name on the c			AMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB BLOOD (ORDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numl	oer	
OLIS						
CREATININE - Final rest		21 8:05 AM I Ref Range	EDT) Test Method	Analysis Time	Performed At	Pathologist Signature
·		60 - 110 umo	I/L		OLIS	55
Comment: Nature of Ab	onormal Test: A	sex-based po	pulation			
	76	>=60 mL/min/1.73m			OLIS	
Comment:						
eGFR is calculated us	ing the CKD-	EPI 2009 equ	uation.Consistent wi	th mildly dec	reased kidn	ey function.
However, in the absen	nce of other	evidence of	kidney			
disease, eGFR values	in this rang	e do not fu	lfill the			
KDIGO criteria for ch	-		nterpret			
results in concert wi	th ACR measu	rement.				
For patients of Afric		the reported	d eGFR must			
be multiplied by 1.15 Nature of Abnormal Te		hased nonul:	tion			
Nacure of Abrormat re	st. An ayeu-	baseu popura				
	Anatomical	ocation /				
Specimen (Source)		0.001010117	Collection Method /			
Serum	Laterality		Collection Method / Volume	Collection Ti	me	Received Time
	Laterality					Received Time 02/06/2021 8:05 AM EDT
	Laterality					
Narrative						
Narrative OLIS - 02/06/2021 Patient Name on the c	8:05 PM EDT	-	Volume			
OLIS - 02/06/2021	8:05 PM EDT	-	Volume			
OLIS - 02/06/2021 Patient Name on the c	8:05 PM EDT order was WIL	Son Randy J <i>i</i>	Volume			
OLIS - 02/06/2021 Patient Name on the c Authorizing Provider	8:05 PM EDT order was WIL Result Type LAB BLOOD C	Son Randy J <i>i</i>	Volume		8:05 AM EDT	
OLIS - 02/06/2021 Patient Name on the c Authorizing Provider Michel Maalouf	8:05 PM EDT order was WIL Result Type LAB BLOOD C	Son Randy J <i>i</i>	Volume	02/06/2021	8:05 AM EDT	
OLIS - 02/06/2021 Patient Name on the of Authorizing Provider Michel Maalouf Performing Organization	8:05 PM EDT order was WIL Result Type LAB BLOOD C	Son Randy J <i>i</i>	Volume	02/06/2021	8:05 AM EDT	
OLIS - 02/06/2021 Patient Name on the of Authorizing Provider Michel Maalouf Performing Organization OLIS	8:05 PM EDT order was WIL Result Type LAB BLOOD (Address	Son randy J <i>i</i> DRDERABLES	Volume MES City/State/ZIP Code	02/06/2021	8:05 AM EDT	
OLIS - 02/06/2021 Patient Name on the of Authorizing Provider Michel Maalouf Performing Organization	8:05 PM EDT order was WIL Result Type LAB BLOOD (Address	Son randy J <i>i</i> DRDERABLES	Volume MES City/State/ZIP Code	02/06/2021	8:05 AM EDT	

		Rei		Analysis	renonneu	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Vitamin D, 25-Hydroxy	109	76 - 250 nmol/L			OLIS	
Comment:						
DEFICIENCY: < 25	nmol/L					
INSUFFICIENCY: 25 - 7	5 nmol/L					
SUFFICIENCY: 76 - 250	nmol/L					
TOXICITY: > 250 n	mol/L					
Nature of Abnormal Te	st: An aged-ba	ased popul	lation			

	Anatomical Loc	cation /	Collection Method /	Callestian T	·	Descioned Times
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Serum				02/06/2021	8:05 AIVI EDT	02/06/2021 8:05 AM EDT
Narrative						
OLIS - 03/06/2021 1 Patient Name on the or	L 1:02 AM EDT rder was WILS(ON RANDY J	AMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
OLIS						
URINALYSIS - Final resu	lt (02/06/2021	8:05 AM I Ref	EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose	NEG	NEGATIVE			OLIS	
Comment: Nature of Abr	ormal Test [.] An	mmol/L aged-based				
Bilirubin	NEG	NEGATIVE	population		OLIS	
Comment:					01.0	
Nature of Abnormal Te	_		ation			
Ketones	NEG	NEGATIVE mmol/L			OLIS	
Comment:		THINOI/ L				
Nature of Abnormal Te	-		ation			
Specific Gravity	1.021	1.005 - 1.030			OLIS	
Comment:		1.050				
Nature of Abnormal Tes	st: An aged-ba	ased popul	ation			
Erythrocytes; Urine	NEG	NEGATIVE			OLIS	
Comment:						
Nature of Abnormal Te	st: An aged-ba	ased popul	ation			
pH	6.5	5.0 - 8.0			OLIS	
Comment:						
Nature of Abnormal Tes	st: An aged-ba	ased popul	ation			
Protein	NEG	NEGATIVE			OLIS	

g/L

Nature of Abnormal Test: An aged-based population

Urobilinogen Comment: Nature of Abnormal	16 Test: An aged-	3.2 - 16 umol/L ·based population	OLIS
Nitrite Comment: Nature of Abnormal	NEG Test: An aged-	NEGATIVE -based population	OLIS
Leukocyte esterase Comment: Nature of Abnormal	NEG Test: An aged-	NEGATIVE	OLIS
Colour Comment: Nature of Abnormal	YELLOW Test: An aged-	•based population	OLIS

Appearance	CLEAR	CLEAR	OLIS
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Nature of Abnormal Test: An aged-based population

Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection 1	Time	Received Time
Urine				02/06/2021	8:05 AM EDT	02/06/2021 8:05 AM EDT
Narrative						
OLIS - 02/06/2021 & Patient Name on the o		ON RANDY J	AMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB URINE OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
OLIS						
(ABNORMAL) CBC - Final	result (02/06/2 Value	0 21 8:05 A Ref Range	M EDT) Test Method	Analysis Time	Performed At	Pathologist Signature
Mean Platelet Volume; Blood	7.9	4.0 - 14.0 fL			OLIS	
Comment: Nature of Ab	normal Test: An		d population			
Erythrocyte Distribution Width; RBC	16.5	12.5 - 17.3 %			OLIS	
Comment: Nature of Ab		0	d population			
Neutrophils; Blood	4.6	1.4 - 6.3 x 10*9/L			OLIS	
Comment: Nature of Ab		•	d population			
Lymphocytes; Blood	0.7 (L)	1.0 - 2.9 x 10*9/L			OLIS	
Comment: Nature of Ab		0	d population			
Monocytes; Blood	0.5	0.2 - 0.8 x 10*9/L			OLIS	
Comment: Nature of Ab	normal Test: An	•	d population			
Eosinophils; Blood	0.0	0.0 - 0.5 x 10*9/L			OLIS	
Comment: Nature of Ab	normal Test: An	aged-based	d population			
Basophils; Blood	0.00	0.00 - 0.09 x 10*9/L			OLIS	
Comment: Nature of Ab	normal Test: An	aged-based	d population			
Platelets; Blood	219	155 - 372 x 10*9/L			OLIS	
Comment: Nature of Ab	normal Test: An	aged-based	d population			
Erythrocytes; Blood	2.6 (L)	4.2 - 5.8 x 10*12/L			OLIS	

Comment: Nature of Ab	normal Test: A s	ex-based p	opulation			
Mean Corpuscular Hemoglobin; RBC	37 (H)	24 - 33 pg			OLIS	
Comment: Nature of Ab	normal Test: An	aged-base	d population			
Mean Corpuscular Volume; RBC	104 (H)	80 - 98 fL			OLIS	
Comment: Nature of Ab	normal Test: A s	•	opulation			
Leukocytes; Blood	5.9	3.2 - 9.4 x 10*9/L			OLIS	
Comment: Nature of Ab	normal Test: An	•	d population			
Hematocrit; Blood	0.27 (L)	0.39 - 0.49 L/L			OLIS	
Comment: Nature of Ab		•	•			
Mean Corpuscular Hemoglobin Concentration; RBC	353 (H)	313 - 344 g/L			OLIS	
Comment: Nature of Ab	normal Test: An	aged-base	d population			
Hemoglobin; Blood	94 (L)	129 - 165 g/L			OLIS	
Comment: Nature of Ab						
Specimen (Source)	Anatomical Lo	cation /	Collection Method / Volume	Collection Ti	~~~	Received Time
Whole blood	Laterality		volume			02/06/2021 8:05 AM EDT
				02/00/2021		02/00/2021 8.03 ANI EDT
Narrative						
OLIS - 02/06/2021 & Patient Name on the o	3:05 PM EDT rder was WILS	on Randy :	JAMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB BLOOD O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
OLIS			,,			
010						
(ABNORMAL) TRIGLYCER	IDES, RANDON		ult (02/06/2021 8:05 /			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Triglyceride	1.85 (H)	<1.70 mmol/L			OLIS	
Comment: Nature of Ab	normal Test [.] An	-	d population			
		ugeu buse				
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	Received Time
Serum				02/06/2021 8	3:05 AM EDT	02/06/2021 8:05 AM EDT
Narrative						
OLIS - 02/06/2021 & Patient Name on the o		on Randy :	JAMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB BLOOD OI	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
	AUUIESS		City/State/ZIP Coue			
OLIS						
ALT - Final result (02/06	5/2021 8:05 AN	A EDT)				

ALT ·	- Final	result	(02/06/2021	8:05 AM	EDT)
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/ El Thiar Court ((02,00,202,000)					
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature

Alanine aminotransferase		<46 U/L			OLIS	
Comment: Nature of Ab	normal Test: A s	ex-based p	opulation			
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality	cution y	Volume	Collection T	ïme	Received Time
Serum				02/06/2021	8:05 AM EDT	02/06/2021 8:05 AM EDT
Narrative OLIS - 02/06/2021 8	2.05 DM EDT					
Patient Name on the o	rder was WILS	ON RANDY	JAMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	iher	
OLIS	///////////////////////////////////////			Thome Num	ibei	
01.0						
TSH - Final result (02/06	5/2021 8:05 AN	M EDT)				
C		Ref	T (1 1 1	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Thyrotropin	2.28	0.35 - 5.00			OLIS	
		mIU/L				
Comment: Nature of Ab	normal Test: A s	ex-based p	opulation			
	Anatomical Loo	cation /	Collection Method /	Callestian T		Descived Times
Specimen (Source) Serum	Laterality		Volume	Collection T		Received Time 02/06/2021 8:05 AM EDT
Serum				02/06/2021	0.05 AIVI EDT	02/00/2021 0.05 AIVI EDT
Narrative						
OLIS - 02/06/2021 8	8:06 PM EDT					
Patient Name on the o	rder was wilso	UN RANDY .	JAMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
OLIS						
SODIUM - Final result ((12/06/2021 8.0		Г)			
	52/00/2021 0.0	Ref	ı)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Sodium	143	136 - 146			OLIS	
		mmol/L				
Comment: Nature of Ab	normal Test: An	aged-base	d population			
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ïme	Received Time
Serum						02/06/2021 8:05 AM EDT
Narrative						
OLIS - 02/06/2021 & Patient Name on the o		ON RANDY	IAMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
L IL IN						

POTASSIUM - Final resu	ılt (02/06/202	1 8:05 AM	EDT)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Potassium	4.5	3.7 - 5.4			OLIS	
		mmol/L	d latter			
Comment: Nature of Ab	normal Test: A	n aged-base	ed population			
	Anatomical L	ocation /	Collection Method /			
Specimen (Source)	Laterality	ocationy	Volume	Collection ⁻	Time	Received Time
Serum				02/06/2021	8:05 AM EDT	02/06/2021 8:05 AM EDT
Narrative						
OLIS - 02/06/2021 & Patient Name on the o			JAMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB BLOOD (ORDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
OLIS						
HDL CHOLESTEROL, FA		Ref		Analysis	Performed	Dath alo aist Cianatura
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	•	opulation			
		ben bused p	opulation			
	Anatomical L	ocation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection ⁻	Time	Received Time
Serum				02/06/2021	8:05 AM EDT	02/06/2021 8:05 AM EDT
Narrative OLIS - 02/06/2021 8	8.05 PM EDT	1				
Patient Name on the o			JAMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB BLOOD (ORDERABLES	;			
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
OLIS						

HEMOGLOBIN A1C - Final result (02/06/2021 8:05 AM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Hemoglobin A1C/Total Hemoglobin; Blood	5.2	<6.0 %			OLIS	
Comment:						
NON-DIABETIC:	< 6.0 %					
PREDIABETES:	6.0 - 6.4 %					
DIABETIC:	> 6.4 %					
OPTIMAL CONTROL:	< 7.0 %					
SUB-OPTIMAL CONTROL:	7.0 - 8.4 %					
INADEQUATE CONTROL:	> 8.4 %					
Nature of Abnormal T	est: An aged-b	ased popu	lation			

Specimen (Source)	Laterality		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 o	rder was WILSC	ON RANDY J	AMES			
Authorizing Provider	Result Type					
Michel Maalouf	LAB BLOOD OR	DERABLES				
Performing Organization OLIS	Address		City/State/ZIP Code	Phone Num	iber	
OLIS						
AUTOMATED DIFFEREN	TIAL - Final res	sult (31/0	5/2021 3:00 PM EDT)			
Component		Ref	Test Mathed	Analysis	Performed	Dathalagist Cignature
Component Neutrophil	Value 3.2	Range 2.0 - 7.5	Test Method	Time	At EORLA	Pathologist Signature
Neutrophi	5.2	2.0 - 7.3 x10^9/L			EURLA	
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 x10^9/L			EORLA	
Basophil	0.0	0.0 - 0.1			EORLA	
		x10^9/L				
Immature Granulocyte	0.0	<=0.1 x10^9/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ïme	Received Time
						31/05/2021 3:37 PM EDT
Blood						
Authorizing Provider	Result Type					
	Result Type LAB BLOOD OR	DERABLES				
Authorizing Provider Michael MacDonald Vickers	LAB BLOOD OR	DERABLES	City/State/ZIP Code	Phone Num	iber	
Authorizing Provider Michael MacDonald	LAB BLOOD OR	DERABLES	City/State/ZIP Code	Phone Num	iber	
Authorizing Provider Michael MacDonald Vickers Performing Organization	LAB BLOOD OR	DERABLES	City/State/ZIP Code	Phone Num	lber	
Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA	LAB BLOOD OR			Phone Num	iber	
Authorizing Provider Michael MacDonald Vickers Performing Organization	LAB BLOOD OR	3:00 PM				
Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA CREATININE - Final resu	LAB BLOOD OR	3:00 PM Ref		Phone Num Analysis Time	lber Performed At	Pathologist Signature
Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA	LAB BLOOD OR Address	3:00 PM	EDT)	Analysis	Performed	Pathologist Signature
Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA CREATININE - Final resu Component	Address Address Ilt (31/05/2021 Value	3:00 PM Ref Range	EDT)	Analysis	Performed At	Pathologist Signature
Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA CREATININE - Final resu Component	LAB BLOOD OR Address Ilt (31/05/2021 Value 70	3:00 PM Ref Range 62 - 100 umol/L	EDT) Test Method	Analysis	Performed At	Pathologist Signature
Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA CREATININE - Final resu Component	Address Address Ilt (31/05/2021 Value	3:00 PM Ref Range 62 - 100 umol/L	EDT)	Analysis	Performed At EORLA	Pathologist Signature Received Time
Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA CREATININE - Final resu Component Creatinine	LAB BLOOD OR Address Ilt (31/05/2021 Value 70 Anatomical Loc	3:00 PM Ref Range 62 - 100 umol/L	EDT) Test Method Collection Method /	Analysis Time Collection T	Performed At EORLA	
Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA CREATININE - Final resu Component Creatinine Specimen (Source) Blood (Blood, Venous)	LAB BLOOD OR Address Ilt (31/05/2021 Value 70 Anatomical Loc Laterality	3:00 PM Ref Range 62 - 100 umol/L	EDT) Test Method Collection Method /	Analysis Time Collection T	Performed At EORLA	Received Time
Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA CREATININE - Final resu Component Creatinine Specimen (Source) Blood (Blood, Venous) Authorizing Provider	LAB BLOOD OR Address Ilt (31/05/2021 Value 70 Anatomical Loc Laterality Result Type	3:00 PM Ref Range 62 - 100 umol/L	EDT) Test Method Collection Method /	Analysis Time Collection T	Performed At EORLA	Received Time
Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA CREATININE - Final resu Component Creatinine Specimen (Source) Blood (Blood, Venous)	LAB BLOOD OR Address Ilt (31/05/2021 Value 70 Anatomical Loc Laterality	3:00 PM Ref Range 62 - 100 umol/L	EDT) Test Method Collection Method /	Analysis Time Collection T	Performed At EORLA	Received Time
Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA CREATININE - Final resu Component Creatinine Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers	LAB BLOOD OR Address Ilt (31/05/2021 Value 70 Anatomical Loc Laterality Result Type LAB BLOOD OR	3:00 PM Ref Range 62 - 100 umol/L	EDT) Test Method Collection Method / Volume	Analysis Time Collection T 31/05/2021	Performed At EORLA ime 3:00 PM EDT	Received Time
Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA CREATININE - Final resu Component Creatinine Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald	LAB BLOOD OR Address Ilt (31/05/2021 Value 70 Anatomical Loc Laterality Result Type LAB BLOOD OR	3:00 PM Ref Range 62 - 100 umol/L	EDT) Test Method Collection Method /	Analysis Time Collection T	Performed At EORLA ime 3:00 PM EDT	Received Time

(ABNORMAL) CBC - Final result (31/05/2021 3:00 PM EDT) Ref

(ABNORMAL) CBC - Final	result (31/05/2	021 3:00 P Ref	M EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	4.9	3.5 - 10.5 x10^9/L			EORLA	
RBC	2.44 (L)	4.00 - 5.50 x10^12/L			EORLA	
HGB	85 (L)	125 - 170 g/L			EORLA	
НСТ	0.258 (L)	0.380 - 0.500 L/L			EORLA	
MCV	105.7 (H)	80.0 - 100.0 fL			EORLA	
МСН	34.8 (H)	27.0 - 34.0 pg			EORLA	
МСНС	329	315 - 355 g/L			EORLA	
RDW	14.3	11.5 - 15.5 %			EORLA	
Plat	204	130 - 380 x10^9/L			EORLA	
MPV	9.8	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 Ti	me	Received Time
Blood (Blood, Venous)	, ,					31/05/2021 3:37 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
	h (24 (05 (2	001 0 00 0				
(ABNORMAL) ALT - Final	result (31/05/2	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	10 (L)	12 - 49 U/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Ti	me	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 Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	

Component	Value	Ref	Tost Mathad	Analysis	Performed	Dath alogist Cignature
Component ALP	81	Range 50 - 112	Test Method	Time	At EORLA	Pathologist Signature
ALP	01	U/L			EUKLA	
		-7-				
	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 OI	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
EORLA	71001000					
(ABNORMAL) MAGNESIU	M - Final result	-	21 3:00 PM EDT)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.53 (L)	0.66 -	rest method	TITIC	EORLA	
ing	0.55 (2)	1.07			LONEX	
		mmol/L				
		,				
Specimen (Source)	Anatomical Lo Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Lateranty		Volume			31/05/2021 3:37 PM EDT
blood (blood, venious)				51,05,2021	5.00 1 101 201	51,05,2021 5.57 111 201
Authorizing Provider	Result Type					
Michael MacDonald	LAB BLOOD O	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	her	
EORLA	/(dd1055			Thone Run		
BILIRUBIN, TOTAL - Fina	al result (31/05		0 PM EDT)			
		Ref	T () ()	Analysis T	Performed	
Component Bilirubin Total	Value	Range <=15	Test Method	Time	At EORLA	Pathologist Signature
DIIITUDIIT TOLAI	4	v=15 umol/L			EURLA	
		,				
	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 OI	RDERABLES				
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	iber	
EORLA						
ELECTROLYTE PANEL (E	LECTROLYTES) - Final re	sult (31/05/2021 3:00 P	M EDT)		
X		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	136	136 - 144	Ļ		EORLA	

EORLA

mmol/L

3.5 - 5.1

mmol/L

4.2

Κ

Cl	99	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 Time	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 Vickers	LAB BLOOD OR	DERABLES			
Performing Organization	Address		City/State/ZIP Code	Phone Number	
EORLA					

(ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (10/05/2021 9:40 AM EDT)

		Ref	• • •	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	4.9	2.0 - 7.5 x10^9/L			EORLA	
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	cation /	Collection Method / Volume	Collection T	ime	Received Time
	Lateranty		Volume			
Blood				10/05/2021	9.40 AIVI EDT	10/05/2021 9:51 AM 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 result (10/05/2021 9:40 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	82	62 - 100 umol/L			EORLA	
Specimen (Source)	Anatomical Lo Laterality	ocation /	Collection Method / Volume	Collection ⁻	Гime	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 C	RDERABLES				

(ABNORMAL) CBC - Final result (10/05/2021 9:40 AM EDT)

(ABNORMAL) CBC - Final	result (10/05/2		M EDT)	A	Desferred	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	6.2	3.5 - 10.5		Time	EORLA	
WBC	0.2	x10^9/L			LORLA	
RBC	2.70 (L)	4.00 -			EORLA	
		5.50				
		x10^12/L				
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 - 100.0 fL			EORLA	
MCH	35.2 (H)	27.0 -			EORLA	
Malla	220	34.0 pg			50014	
МСНС	338	315 - 355 g/L			EORLA	
RDW	16.2 (H)	11.5 - 15.5 %			EORLA	
Plat	200	130 - 380 x10^9/L			EORLA	
MPV	9.3	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10^9/L			EORLA	
		XIU J/L				
	Anatomical Loo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection 1	īme	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 OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						
(ABNORMAL) ALT - Final	result (10/05/2	021 Q./0 A	M FDT)			
	result (10/05/2	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	9 (L)	12 - 49 U/L			EORLA	

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

Performing Organization Address

EORLA

ALP - Final result (10/05/2021 9:40 AM EDT)

ALP - Final result (10/05	72021 9:40 AN	-						
		Ref	T (N (I)	Analysis —:	Performed			
Component	Value	Range	Test Method	Time	At	Pathologist Signature		
ALP	80	50 - 112 U/L			EORLA			
		0/1						
	Anatomical Loc	cation /	Collection Method /					
Specimen (Source)	Laterality		Volume	Collection T	Гіте	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 OF	<pre>{DERABLES</pre>						
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber			
EORLA								
(ABNORMAL) MAGNESIU	Value	Ref Range	D21 9:40 AM EDT) Test Method	Analysis Time	Performed At	Pathologist Signature		
Mg	0.55 (L)	0.66 - 1.07 mmol/L			EORLA			
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection Time		Received Time		
Blood (Blood, Venous)	Lateranty		Volume			10/05/2021 9:51 AM EDT		
				10/05/2021	J.40 AM LD I			
Authorizing Provider	Result Type							
Michael MacDonald Vickers	LAB BLOOD OF	LAB BLOOD ORDERABLES						
Performing Organization	Address		City/State/ZIP Code	Phone Number				
EORLA								
		(2021.0.4						
BILIRUBIN, TOTAL - Fina	il result (10/05)	Ref		Analysis	Performed			
Component	Value	Range	Test Method	Time	At	Pathologist Signature		

Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	5	<=15 umol/L			EORLA	
Specimen (Source)	Anatomical Loo Laterality	cation /	Collection Method / Volume	Collection ⁻	lime	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 of	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (10/05/2021 9:40 AM EDT)

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

Na	140	136 - 144 mmol/L		EORLA			
К	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			
	Anatomical Lo	cation /	Collection Method /				
Specimen (Source)	Laterality	,	Volume	Collection Time	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 OF	LAB BLOOD ORDERABLES					
Performing Organization	Address		City/State/ZIP Code	Phone Number			
EORLA							

AUTOMATED DIFFERENTIAL - Final result (12/04/2021 1:44 PM EDT)

AUTOMATED DIFFEREN	IIIAL - FINAI re		4/2021 I:44 PIVI EDT)				
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature	
Neutrophil	2.6	2.0 - 7.5 x10^9/L		Time	EORLA	Tuttiologist Signature	
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		
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ime	Received Time	
Blood						12/04/2021 1:56 PM EDT	
Authorizing Provider	Result Type						
Michael MacDonald Vickers	LAB BLOOD OF	LAB BLOOD ORDERABLES					
Performing Organization	Address		City/State/ZIP Code	Phone Number			
EORLA							
CREATININE - Final resu	ult (12/04/2021	1:44 PM Ref	EDT)	Anglusia	Performed		
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature	
Creatinine	83	62 - 100 umol/L			EORLA		
Specimen (Source)	Anatomical Location / Laterality		Collection Method / Volume	Collection T	ime	Received Time	
Disad (Disad Manaus)				10/01/0001		12/04/2021 1.CC DNA EDT	

12/04/2021 1:44 PM EDT 12/04/2021 1:56 PM EDT

Blood (Blood, Venous)

Authorizing Provider	Result Type		
Michael MacDonald Vickers	LAB BLOOD ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
EORLA			

(ABNORMAL) CBC - Final result (12/04/2021 1:44 PM EDT)

(ABNORMAL) CBC - Final	result (12/04/2	021 1:44 P Ref	M EDT)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	4.1	3.5 - 10.5 x10^9/L			EORLA	. a.i.ologist eignatale
RBC	2.68 (L)	4.00 - 5.50 x10^12/L			EORLA	
HGB	91 (L)	125 - 170 g/L			EORLA	
НСТ	0.273 (L)	0.380 - 0.500 L/L			EORLA	
MCV	101.9 (H)	80.0 - 100.0 fL			EORLA	
МСН	34.0	27.0 - 34.0 pg			EORLA	
МСНС	333	315 - 355 g/L			EORLA	
RDW	15.9 (H)	11.5 - 15.5 %			EORLA	
Plat	207	130 - 380 x10^9/L			EORLA	
MPV	9.3	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	īme	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 OR	RDERABLES				
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	iber	
(ABNORMAL) ALT - Final Component	result (12/04/2 Value	021 1:44 P Ref Range	M EDT) Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	10 (L)	12 - 49			EORLA	
Specimen (Source)	Anatomical Loc Laterality	U/L ation /	Collection Method / Volume	Collection T	ïme	Received Time
	Lateranty		, channe			

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 OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ALP - Final result (12/04	/2021 1:44 PM	EDT) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	84	50 - 112 U/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	<u>,</u>			12/04/2021	1:44 PM EDT	12/04/2021 1:56 PM 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	M - Final result Value	(12/04/20 Ref Range	21 1:44 PM EDT) Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.54 (L)	0.66 -			EORLA	
		1.07 mmol/L				
Specimen (Source)	Anatomical Loc Laterality	ation /	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					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
BILIRUBIN, TOTAL - Fina		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		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 OR	DERABLES				

Performing Organization Address EORLA City/State/ZIP Code

Phone Number

ELECTROLYTE PANEL (E	LECTROLYTES)	- Final res	sult (12/04/2021 1:44 P	M EDT)			
		Ref		Analysis	Performed		
Component	Value	Range	Test Method	Time	At	Pathologist Signature	
Na	137	136 - 144 mmol/L			EORLA		
К	4.3	3.5 - 5.1 mmol/L			EORLA		
CI	100	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)				12/04/2021	1:44 PM EDT	12/04/2021 1:56 PM EDT	
Authorizing Provider	Result Type	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES						
Performing Organization	Address		City/State/ZIP Code	Phone Numl	oer		
EORLA							

(ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (22/03/2021 2:45 PM EDT)

		Ref	esuit (22/05/2021 2.45 f	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	
	Anatomical Location /		Collection Method /			
Specimen (Source)	Laterality		Volume	Collection 1	-	Received Time
Blood				22/03/2021	2:45 PM EDT	22/03/2021 3:04 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OI	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
CREATININE - Final resu	ult (22/03/202	1 2:45 PM	EDT)			

		Ref	Analysis Performed
Component	Value	Range Test Method	Time At Pathologist Signature
Creatinine	81	62 - 100	EORLA

	umol/L			
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

(ABNORMAL) CBC - Final result (22/03/2021 2:45 PM EDT)

	Tesult (22/05/2	Ref		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 - 5.50 x10^12/L			EORLA	
HGB	92 (L)	125 - 170 g/L			EORLA	
НСТ	0.267 (L)	0.380 - 0.500 L/L			EORLA	
MCV	98.9	80.0 - 100.0 fL			EORLA	
МСН	34.1 (H)	27.0 - 34.0 pg			EORLA	
МСНС	345	315 - 355 g/L			EORLA	
RDW	15.2	11.5 - 15.5 %			EORLA	
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 - 0.00 x10^9/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection 1	Гime	Received Time
Blood (Blood, Venous)						22/03/2021 3:04 PM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						

ALT - Final result (22/03/2021 2:45 PM EDT)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	12	12 - 49			EORLA	
		U/L				

Specimen (Source)	Anatomical Loc	cation /	Collection Method / Volume	Collection T	ima	Pacaiwad Tima
Specimen (Source) Blood (Blood, Venous)	Laterality		volume			Received Time 22/03/2021 3:03 PM EDT
				22/03/2021		22/03/2021 3.03 PM ED1
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 (22/03	8/2021 2:45 PM	1 EDT)				
	,	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	83	50 - 112 U/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / 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 OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
Performing Organization EORLA	Address		City/State/ZIP Code	Phone Num	ber	
EORLA (ABNORMAL) MAGNESIU		Ref		Phone Num Analysis Time	ber Performed At	Pathologist Signature
EORLA (ABNORMAL) MAGNESIU Component	M - Final result		021 2:45 PM EDT)	Analysis	Performed	Pathologist Signature
EORLA (ABNORMAL) MAGNESIU	M - Final result Value	Ref Range	021 2:45 PM EDT)	Analysis	Performed At	Pathologist Signature
EORLA (ABNORMAL) MAGNESIU Component	M - Final result Value	Ref Range 0.66 - 1.07 mmol/L	021 2:45 PM EDT)	Analysis	Performed At	Pathologist Signature
EORLA (ABNORMAL) MAGNESIU Component Mg Specimen (Source)	M - Final result Value 0.58 (L)	Ref Range 0.66 - 1.07 mmol/L	D21 2:45 PM EDT) Test Method	Analysis	Performed At EORLA	Received Time
EORLA (ABNORMAL) MAGNESIU Component Mg	M - Final result Value 0.58 (L) Anatomical Loc	Ref Range 0.66 - 1.07 mmol/L	D21 2:45 PM EDT) Test Method Collection Method /	Analysis Time Collection T	Performed At EORLA	Received Time
EORLA (ABNORMAL) MAGNESIU Component Mg Specimen (Source) Blood (Blood, Venous)	M - Final result Value 0.58 (L) Anatomical Loc Laterality	Ref Range 0.66 - 1.07 mmol/L	D21 2:45 PM EDT) Test Method Collection Method /	Analysis Time Collection T	Performed At EORLA	Received Time
EORLA (ABNORMAL) MAGNESIU Component Mg Specimen (Source)	M - Final result Value 0.58 (L) Anatomical Loc	Ref Range 0.66 - 1.07 mmol/L cation /	D21 2:45 PM EDT) Test Method Collection Method / Volume	Analysis Time Collection T	Performed At EORLA	Received Time
EORLA (ABNORMAL) MAGNESIU Component Mg Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers	M - Final result Value 0.58 (L) Anatomical Loc Laterality Result Type	Ref Range 0.66 - 1.07 mmol/L cation /	D21 2:45 PM EDT) Test Method Collection Method / Volume	Analysis Time Collection T	Performed At EORLA ime 2:45 PM EDT	Received Time
EORLA (ABNORMAL) MAGNESIU Component Mg Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald	M - Final result Value 0.58 (L) Anatomical Loc Laterality Result Type LAB BLOOD OF	Ref Range 0.66 - 1.07 mmol/L cation /	D21 2:45 PM EDT) Test Method Collection Method / Volume	Analysis Time Collection T 22/03/2021	Performed At EORLA ime 2:45 PM EDT	Received Time
EORLA (ABNORMAL) MAGNESIU Component Mg Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization	M - Final result Value 0.58 (L) Anatomical Loc Laterality Result Type LAB BLOOD OF	Ref Range 0.66 - 1.07 mmol/L cation /	D21 2:45 PM EDT) Test Method Collection Method / Volume	Analysis Time Collection T 22/03/2021	Performed At EORLA ime 2:45 PM EDT	Received Time
EORLA (ABNORMAL) MAGNESIU Component Mg Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization	M - Final result Value 0.58 (L) Anatomical Loc Laterality Result Type LAB BLOOD OF Address	Ref Range 0.66 - 1.07 mmol/L cation / RDERABLES	D21 2:45 PM EDT) Test Method Collection Method / Volume	Analysis Time Collection T 22/03/2021 Phone Num	Performed At EORLA ime 2:45 PM EDT ber	Received Time
EORLA (ABNORMAL) MAGNESIU Component Mg Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA BILIRUBIN, TOTAL - Fina	M - Final result Value 0.58 (L) Anatomical Loc Laterality Result Type LAB BLOOD OF Address	Ref Range 0.66 - 1.07 mmol/L cation / RDERABLES	D21 2:45 PM EDT) Test Method Collection Method / Volume City/State/ZIP Code 5 PM EDT)	Analysis Time Collection T 22/03/2021 Phone Num	Performed At EORLA ime 2:45 PM EDT ber Performed	Received Time 22/03/2021 3:03 PM EDT
EORLA (ABNORMAL) MAGNESIU Component Mg Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA BILIRUBIN, TOTAL - Fina Component	M - Final result Value 0.58 (L) Anatomical Loc Laterality Result Type LAB BLOOD OF Address Address	Ref Range 0.66 - 1.07 mmol/L cation / RDERABLES /2021 2:4 Ref Range	D21 2:45 PM EDT) Test Method Collection Method / Volume	Analysis Time Collection T 22/03/2021 Phone Num	Performed At EORLA ime 2:45 PM EDT ber Performed At	Received Time
EORLA (ABNORMAL) MAGNESIU Component Mg Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA BILIRUBIN, TOTAL - Fina	M - Final result Value 0.58 (L) Anatomical Loc Laterality Result Type LAB BLOOD OF Address	Ref Range 0.66 - 1.07 mmol/L cation / RDERABLES	D21 2:45 PM EDT) Test Method Collection Method / Volume City/State/ZIP Code 5 PM EDT)	Analysis Time Collection T 22/03/2021 Phone Num	Performed At EORLA ime 2:45 PM EDT ber Performed	Received Time 22/03/2021 3:03 PM EDT
EORLA (ABNORMAL) MAGNESIU Component Mg Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA BILIRUBIN, TOTAL - Fina Component	M - Final result Value 0.58 (L) Anatomical Loc Laterality Result Type LAB BLOOD OF Address Address Address Address Address	Ref Range 0.66 - 1.07 mmol/L cation / RDERABLES /2021 2:4. Ref Range <=15 umol/L	D21 2:45 PM EDT) Test Method Collection Method / Volume City/State/ZIP Code 5 PM EDT) Test Method	Analysis Time Collection T 22/03/2021 Phone Num	Performed At EORLA ime 2:45 PM EDT ber Performed At	Received Time 22/03/2021 3:03 PM EDT
EORLA (ABNORMAL) MAGNESIU Component Mg Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA BILIRUBIN, TOTAL - Fina Component	M - Final result Value 0.58 (L) Anatomical Loc Laterality Result Type LAB BLOOD OF Address Address	Ref Range 0.66 - 1.07 mmol/L cation / RDERABLES /2021 2:4. Ref Range <=15 umol/L	D21 2:45 PM EDT) Test Method Collection Method / Volume City/State/ZIP Code 5 PM EDT)	Analysis Time Collection T 22/03/2021 Phone Num	Performed At EORLA ime 2:45 PM EDT ber Performed At EORLA	Received Time 22/03/2021 3:03 PM EDT
EORLA (ABNORMAL) MAGNESIU Component Mg Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers Performing Organization EORLA BILIRUBIN, TOTAL - Fina Component Bilirubin Total	M - Final result Value 0.58 (L) Anatomical Loc Laterality Result Type LAB BLOOD OF Address Address Address Address Address	Ref Range 0.66 - 1.07 mmol/L cation / RDERABLES /2021 2:4. Ref Range <=15 umol/L	D21 2:45 PM EDT) Test Method Collection Method / Volume City/State/ZIP Code 5 PM EDT) Test Method Collection Method /	Analysis Time Collection T 22/03/2021 Phone Num Analysis Time Collection T	Performed At EORLA ime 2:45 PM EDT ber Performed At EORLA	Received Time 22/03/2021 3:03 PM EDT Pathologist Signature Received Time

Authorizing	Provider	Result Type

Michael MacDonald Vickers	LAB BLOOD O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
ELECTROLYTE PANEL (E	LECTROLYTES		sult (22/03/2021 2:45			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	136	136 - 144		Time	EORLA	
	150	mmol/L			LONEX	
К	3.8	3.5 - 5.1 mmol/L			EORLA	
Cl	101	98 - 107 mmol/L			EORLA	
CO2	24	19 - 30 mmol/L			EORLA	
Anion Gap	11	8 - 16 mmol/L			EORLA	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection 1		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 O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						
CT NECK W IV CONTRA Anatomical Region	ST - Final resu Laterali	•	2021 8:19 AM EDT) Modality			
Neck	Laterali	ty		d Tomography		
NECK			computed	a romography		
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection 1 18/03/2021 EDT		Received Time
Impressions						
ATL POWERSCRIBE - 2	L8/03/2021 5	5:11 PM E	DT			
Minimal contraction o in the right cervical	f the necroti chain extend	c componer ling to the	nt of the extensive i e tongue root, epiglo	irregular rim ottis and rig	enhancing l ht vallecula	ymph node conglomerate
Karine Massicotte-Tis	luck, Neuro I	maging Fe	low			
For report clarificat	ion: rads@toh	.ca				
Narrative ATL POWERSCRIBE - 2 CT SCAN OF THE NECK.	L8/03/2021 5	5:11 PM E	DT			
CLINICAL HISTORY: "lo Locally recurrent dis	cally recurre ease" .	ent H/N car	ncer. Recent scan dis	scordant with	physical ex	am findings. R/A
TECHNIQUE: 2mm axial algorithms. Sagittal	images of the and coronal r	e neck were reformats v	e obtained during IV were also obtained.	contrast inj	ection, usin	g bone and soft tissue
COMPARISON: CT neck f	rom 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 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.

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: ra	ds@toh.ca			
Authorizing Provider	Result Type			
Michael MacDonald Vickers	IMG CT PROCEDURES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
ATL POWERSCRIBE		·		
	ACT Final recult (16/0			
CT CHEST W IV CONTRA Anatomical Region	AST - FINAL result (16/0. Laterality	Modality		
Chest	Lateranty		Tomography	
		compared		
	Anatomical Location /	Collection Method /		
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
			16/03/2021 10:15 AM EDT	
			EDT	
Impressions				
ATL POWERSCRIBE - 1 Stable 3 mm lung nodu	L6/03/2021 10:35 PM	EDT		
_				
For report clarificat	ion: rads@toh.ca			
Narrative				
ATL POWERSCRIBE - 1	L6/03/2021 10:35 PM	EDT		
CT THORAX WITH CONTRA				
INDICATION: Locally re COMPARISON: CT chest				
since November 2018, The 3 mm nodule in su Patent airways. LYMPH NODES & MEDIAST	is benign. perior segment of the INUM: No thoracic lymp	left lower lobe is sta	ulmonary nodule on ima <u>c</u> able. No new pulmonary	
of the thoracic aorta	rate to severe calcif [.]	ications of the corona	ry arteries. Moderate a	atherosclerotic changes
ESOPHAGUS & Neck: Unro BONES & CHEST WALL: No UPPER ABDOMEN: Stable	o aggressive bone les ⁻	ion. There is stable b	ony island in T7 verteb	oral body.
Procedure Note				
Hamid Bayanati - 16/03/		original		
Formatting of this note m CT THORAX WITH CONTR		onginai.		
INDICATION: Locally recur COMPARISON: CT chest c		nets.		
LUNGS & TRACHEOBRON November 2018, is benigi		all right lower lobe pulmon	ary nodule on image #192,	/11 is stable since
		ower lobe is stable. No nev	v pulmonary nodule.	
LYMPH NODES & MEDIAS PLEURA & PERICARDIUM:		bh node enlargement.		
HEART & VESSELS: Mode aorta.	rate to severe calcification	ns of the coronary arteries.	. Moderate atherosclerotic	changes of the thoracic
ESOPHAGUS & Neck: Unr		. There is stable bony islan	nd in T7 vertebral body	
UPPER ABDOMEN: Stable				

IMPRESSION: Stable 3 mm lung nodule	in left lower lobe	9.				
For report clarification: ra	ds@toh.ca					
Authorizing Provider	Result Type					
Michael MacDonald Vickers	IMG CT PROCE	DURES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
ATL POWERSCRIBE						
AUTOMATED DIFFEREN	ITIAL - Final res		3/2021 2:35 PM EST)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Neutrophil	2.4	2.0 - 7.5			EORLA	
		x10^9/L				
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	
	A					
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood					2:35 PM 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	ıl+ (01/03/2021	2.32 DM	FCT)			
	111 (01/03/2021	Ref	LST	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	83	62 - 100 umol/L			EORLA	
	Anatomical Loc	ation /	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 OR	DERABLES				

City/State/ZIP Code

Phone Number

Performing Organization Address

EORLA

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	3.9	3.5 - 10.5 x10^9/L			EORLA	
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	
МСН	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) Blood (Blood, Venous)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime 2:35 PM EST	Received Time 01/03/2021 2:50 PM EST
				01,00,2021	2.00 1 11 201	01,00,20212.001111201
Authorizing Provider Michael MacDonald Vickers	Result Type	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
ALT - Final result (01/03		l EST) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	12	12 - 49 U/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	ime	Received Time
Blood (Blood, Venous)	Lateranty		volume		2:35 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 (01/03/2021 2:35 PM EST)

Ref

Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	77	50 - 112 U/L			EORLA	
Specimen (Source)	Anatomical Loo Laterality	cation /	Collection Method / Volume	Collection	Time	Received Time
Blood (Blood, Venous)				01/03/202	21 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 Nu	mber	
EORLA						

MAGNESIUM - Final result (01/03/2021 2:35 PM EST)

4						
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Mg	0.66	0.66 - 1.07 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality		Collection Method / Volume	Collection 1	Time	Received Time
Blood (Blood, Venous)					-	01/03/2021 2:51 PM EST
				01/03/2021	2.551101251	01/03/2021 2.511101 251
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						

BILIRUBIN, TOTAL - Final result (01/03/2021 2:35 PM EST)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	3	<=15			EORLA	
		umol/L				
	Anatomical Loo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Time		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	LAB BLOOD ORDERABLES					
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	nber	
EORLA						

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (01/03/2021 2:35 PM EST) Ref Analysis Performed Component Value Bange Test Method Time At Pathologist Signature

Component	Value	Range Test Metho	d Time	At	Pathologist Signature
Na	139	136 - 144 mmol/L		EORLA	
К	4.2	3.5 - 5.1 mmol/L		EORLA	

Cl	104	98 - 107 mmol/L		EORLA	
CO2	26	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)				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 Number	
EORLA					

AUTOMATED DIFFERENTIAL - Final result (08/02/2021 2:00 PM EST)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	4.1	2.0 - 7.5 x10^9/L			EORLA	
Lymphocyte	1.1	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	
Specimen (Source)	Anatomical Loo Laterality	cation /	Collection Method / Volume	Collection 1	Time	Received Time
Blood				08/02/2021	2:00 PM EST	08/02/2021 2:17 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA			-			

CREATININE - Final result (08/02/2021 2:00 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	88	62 - 100 umol/L	lest method		EORLA	
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 O	RDERABLES				

EORLA

(ABNORMAL) CBC - Final result (08/02/2021 2:00 PM EST)

	105411 (00, 02, 2	Ref		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 - 5.50 x10^12/L			EORLA	
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	
МСНС	339	315 - 355 g/L			EORLA	
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	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection T	īme	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 OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

(ABNORMAL) ALT - Final result (08/02/2021 2:00 PM EST)

C		Ref	T (M (I)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	11 (L)	12 - 49			EORLA	
		U/L				
	Anatomical	Location /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection	Time	Received Time
Blood (Blood, Venous)				08/02/202	1 2:00 PM EST	08/02/2021 2:18 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	lab blood	ORDERABLES	5			

Performing Organization Address

City/State/ZIP Code

Phone Number

ALP - Final result (08/02/2021 2:00 PM EST) Ref Analysis Performed Component Value Range Test Method Time Pathologist Signature Δt ALP 83 50 - 112 EORLA U/L Anatomical Location / Collection Method / Specimen (Source) Laterality 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 LAB BLOOD ORDERABLES Michael MacDonald Vickers Performing Organization Address City/State/ZIP Code Phone Number EORLA MAGNESIUM - Final result (08/02/2021 2:00 PM EST) Ref Analysis Performed Time Pathologist Signature Component Value Range Test Method At 0.75 0.66 -EORLA Mg 1.07 mmol/L Anatomical Location / Collection Method / Specimen (Source) Laterality 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 LAB BLOOD ORDERABLES Vickers Performing Organization Address City/State/ZIP Code Phone Number EORLA BILIRUBIN, TOTAL - Final result (08/02/2021 2:00 PM EST) Ref Analysis Performed Time Pathologist Signature Component Value Range Test Method At **Bilirubin Total** 3 <=15 EORLA umol/L Anatomical Location / Collection Method / Specimen (Source) Laterality 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 I AB BLOOD ORDFRABLES Vickers Performing Organization Address City/State/ZIP Code Phone Number EORLA

Analysis

Performed

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (08/02/2021 2:00 PM EST)

EORLA

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	
CI	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 CONTRA Anatomical Region	ST - Final resu Laterality		2021 2:13 PM EST) Modality			
Neck			Computed 1	omography		
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	me	Received Time
				05/02/2021	2:23 PM EST	

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.

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.

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 Vickers	IMG CT PROCEDURES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
ATL POWERSCRIBE				
CT CHEST W IV CONTRA Anatomical Region	AST - Final result (03/02 Laterality	/2021 2:13 PM EST) Modality		
Chest		Computed T	omography	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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

ne

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 Vickers	IMG CT PROCEDURES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
ATL POWERSCRIBE			

AUTOMATED DIFFERENTIAL - Final result (18/01/2021 2:30 PM EST)

		Ref	, ,	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	2.3	2.0 - 7.5 x10^9/L			EORLA	
Lymphocyte	0.9	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	
	Anatomical Loc	ration /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ïme	Received Time
Blood				18/01/2021	2:30 PM EST	18/01/2021 2:55 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	lber	
EORLA						

CREATININE - Final result (18/01/2021 2:30 PM EST)

			201)			
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	100	62 - 100 umol/L			EORLA	
	Anatomical Lo	ocation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection ⁻	Time	Received Time
Blood (Blood, Venous)				18/01/2021	1 2:30 PM EST	18/01/2021 2:56 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD O	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nur	nber	
EORLA						
(ABNORMAL) CBC - Final	result (18/01/	2021 2:30 P Ref	PM EST)	Analysis	Performed	
Component	Value	Danga	Tast Mathad	Time	Λ+	Dathalagist Signatura

Component	Value	Range Test Method	Time	At	Pathologist Signature
WBC	4.0	3.5 - 10.5		EORLA	

		x10^9/L				
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 Loc Laterality	ation /	Collection Method / Volume	Collection T	īme	Received Time
Blood (Blood, Venous)				18/01/2021	2:30 PM EST	18/01/2021 2:55 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	iber	
EORLA						
ALT - Final result (18/01	I/2021 2:30 PN	I EST) Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	15	12 - 49 U/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection T	ïme	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 OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	

Performing Organization	Address	City/State/ZIP Code	Phone Number
EORLA			

ALP - Final result (18/01/2021 2:30 PM EST)

Component	Value	Ref Range Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	82	50 - 112 U/L		EORLA	

	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		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						
MAGNESIUM - Final res	ul+ (18/01/202	1 2·20 DN	4 EST)			
MAGNESIOM - Final les	uit (10/01/202	Ref	(I EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Mg	0.74	0.66 - 1.07 mmol/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
Blood (Blood, Venous)				18/01/2021	2:30 PM EST	18/01/2021 2:56 PM EST
A desit to a Desite to a	Decult Turne					
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES				
Michael MacDonald	LAB BLOOD OR	DERABLES	City/State/ZIP Code	Phone Num	ber	
Michael MacDonald Vickers	LAB BLOOD OR	DERABLES		Phone Num	ber	
Michael MacDonald Vickers Performing Organization EORLA BILIRUBIN, TOTAL - Fina Component	Address Address al result (18/01, Value	/2021 2:3 Ref Range	City/State/ZIP Code	Phone Num Analysis Time	Performed At	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA BILIRUBIN, TOTAL - Fina	Address Address al result (18/01, Value 3	/2021 2:3 Ref Range <=15 umol/L	City/State/ZIP Code 0 PM EST) Test Method	Analysis	Performed	Pathologist Signature
Michael MacDonald Vickers Performing Organization EORLA BILIRUBIN, TOTAL - Fina Component	Address Address al result (18/01, Value	/2021 2:3 Ref Range <=15 umol/L	City/State/ZIP Code 0 PM EST)	Analysis	Performed At EORLA	Pathologist Signature Received Time
Michael MacDonald Vickers Performing Organization EORLA BILIRUBIN, TOTAL - Fina Component Bilirubin Total	LAB BLOOD OR Address al result (18/01, Value 3 Anatomical Loc	/2021 2:3 Ref Range <=15 umol/L	City/State/ZIP Code 0 PM EST) 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)	LAB BLOOD OR Address al result (18/01, Value 3 Anatomical Loc	/2021 2:3 Ref Range <=15 umol/L	City/State/ZIP Code 0 PM EST) Test Method Collection Method /	Analysis Time Collection T	Performed At EORLA	Received Time
Michael MacDonald Vickers Performing Organization EORLA BILIRUBIN, TOTAL - Fina Component Bilirubin Total Specimen (Source) Blood (Blood, Venous)	LAB BLOOD OR Address al result (18/01, Value 3 Anatomical Loc Laterality	/2021 2:3 Ref Range <=15 umol/L	City/State/ZIP Code 0 PM EST) Test Method Collection Method / Volume	Analysis Time Collection T	Performed At EORLA	Received Time
Michael MacDonald Vickers Performing Organization EORLA BILIRUBIN, TOTAL - Fina Component Bilirubin Total Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald	LAB BLOOD OR Address al result (18/01, Value 3 Anatomical Loc Laterality Result Type LAB BLOOD OR	/2021 2:3 Ref Range <=15 umol/L	City/State/ZIP Code 0 PM EST) Test Method Collection Method / Volume	Analysis Time Collection T	Performed At EORLA ime 2:30 PM EST	Received Time
Michael MacDonald Vickers Performing Organization EORLA BILIRUBIN, TOTAL - Fina Component Bilirubin Total Specimen (Source) Blood (Blood, Venous) Authorizing Provider Michael MacDonald Vickers	LAB BLOOD OR Address al result (18/01, Value 3 Anatomical Loc Laterality Result Type LAB BLOOD OR	/2021 2:3 Ref Range <=15 umol/L	City/State/ZIP Code 0 PM EST) Test Method Collection Method / Volume	Analysis Time Collection T 18/01/2021	Performed At EORLA ime 2:30 PM EST	Received Time

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (18/01/2021 2:30 PM EST)

		Ref	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		EORLA	

	mmo	I/L		
Anion Gap	8 8 - 16 mmo	-	EORLA	
Specimen (Source)	Anatomical Location / Laterality	/ Collection Method / Volume	Collection Time	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 ORDERAE	3LES		
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

AUTOMATED DIFFERENTIAL - Final result (29/12/2020 8:10 AM EST)

Component) (alua	Ref	Test Mathed	Analysis Time	Performed	Dath also sist Cine at us
Component	Value	Range	Test Method	lime	At	Pathologist Signature
Neutrophil	2.2	2.0 - 7.5 x10^9/L			EORLA	
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	
Spacimon (Source)	Anatomical Loc	cation /	Collection Method / Volume	Collection T	ima	Received Time
Specimen (Source) Blood	Laterality		volume	Collection Time		
вюоа				29/12/2020	8:10 AIVI EST	29/12/2020 8:18 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
CREATININE - Final resu	ılt (29/12/2020		EST)			
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	100	62 - 100		IIIIE	EORLA	
Creatinine	100	umol/L			LONLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time

City/State/ZIP Code

29/12/2020 8:10 AM EST 29/12/2020 8:18 AM EST

Phone Number

EORLA

Vickers

Blood (Blood, Venous)

Authorizing Provider

Michael MacDonald

Performing Organization Address

Result Type

LAB BLOOD ORDERABLES

(ABNORMAL) CBC - Final result (29/12/2020 8:10 AM EST)

(ABNORMAL) CBC - Final	result (29/12/20		M EST)			
Component	Value	Ref	Test Method	Analysis Time	Performed	Pathologist Signatura
Component WBC	3.7	Range 3.5 - 10.5	Test Method	Time	At EORLA	Pathologist Signature
220		x10^9/L				
RBC	3.88 (L)	4.00 - 5.50 x10^12/L			EORLA	
HGB	124 (L)	125 - 170 g/L			EORLA	
НСТ	0.368 (L)	0.380 - 0.500 L/L			EORLA	
MCV	94.8	80.0 - 100.0 fL			EORLA	
МСН	32.0	27.0 - 34.0 pg			EORLA	
МСНС	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	
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		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 OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
ALT - Final result (29/12	2/2020 8:10 AM	l EST) Ref		Anglusia	Performed	
Component	Value	Range	Test Method	Analysis Time	At	Pathologist Signature
ALT	19	12 - 49 U/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T		Received Time
Blood (Blood, Venous)				29/12/2020	8:10 AM EST	29/12/2020 8:18 AM EST
Authorizing Provider	Result Type	DED 4 81 55				
Michael MacDonald Vickers	LAB BLOOD OR	DERADLES				
		DENABLES	City/State/ZIP Code	Phone Num	ber	

ALP - Final result (29/12/2020 8:10 AM EST)							
		Ref		Analysis	Performed		
Component	Value	Range	Test Method	Time	At	Pathologist Signature	
ALP	83	50 - 112 U/L			EORLA		
	Anatomical Loc	ation /	Collection Method /				
Specimen (Source)	Laterality		Volume	Collection Ti	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	DERABLES					
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber		
EORLA							

MAGNESIUM - Final result (29/12/2020 8:10 AM EST)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Mg	0.80	0.66 - 1.07 mmol/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	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 or	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

BILIRUBIN, TOTAL - Final result (29/12/2020 8:10 AM EST)

		Ref		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)	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 OR	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (29/12/2020 8:10 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	140	136 - 144 mmol/L	ļ		EORLA	

К	4.4	3.5 - 5.1 mmol/L			EORLA	
CI	103	98 - 107 mmol/L			EORLA	
CO2	29	19 - 30 mmol/L			EORLA	
Anion Gap	8	8 - 16 mmol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	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 or	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
AUTOMATED DIFFEREN	TIAL - Final res	sult (07/1) Ref Range	2/2020 4:26 PM EST) Test Method	Analysis Time	Performed At	Pathologist Signature
Neutrophil	3.4	2.0 - 7.5			EORLA	
		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	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	ime	Received Time
Blood				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						
CREATININE - Final resu	ılt (07/12/2020	4:26 PM Ref	EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	94	62 - 100 umol/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	ation /	Collection Method / Volume	Collection Ti	ime	Received Time
	Laterdiity		volume			
Blood (Blood, Venous)				07/12/2020	4:26 PM EST	07/12/2020 4:47 PM EST

Authorizing	Provider	Result 7	Гуре

Michael MacDonald Vickers	LAB BLOOD ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
EORLA			

(ABNORMAL) CBC - Final result (07/12/2020 4:26 PM EST)

(ABNORMAL) CBC - Final	result (07/12/2	020 4:26 P 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	
МСН	31.9	27.0 - 34.0 pg			EORLA	
МСНС	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	
Specimen (Seurce)	Anatomical Loc	cation /	Collection Method / Volume	Collection 1	Time e	Dessived Time
Specimen (Source) Blood (Blood, Venous)	Laterality		volume			Received Time 07/12/2020 4:47 PM EST
				0771272020	4.201101231	07/12/2020 4.47 1 101 251
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD OF	RDERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Nun	nber	
EORLA						
ALT - Final result (07/12	2/2020 4:26 PN	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALT	17	12 - 49 U/L			EORLA	
Specimen (Source)	Anatomical Loc Laterality	cation /	Collection Method / Volume	Collection 1	lime	Received Time
Blood (Blood, Venous)	Laterailty		volume		4:26 PM EST	
				0., 12,2020		
Authorizing Provider	Result Type					

Authorizing ProviderResult TypeMichael MacDonaldLAB BLOOD ORDERABLES

Vickers						
Performing Organization	Addross		City/State/ZIP Code	Phone Num	bor	
EORLA	Auuress		City/State/ZIP Code	Phone Num	IDEI	
ALP - Final result (07/12	2/2020 4:26 PM	I EST)				
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	92	50 - 112 U/L			EORLA	
		0/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ïme	Received Time
Blood (Blood, Venous)				07/12/2020	4:26 PM EST	07/12/2020 4:47 PM EST
Authorizing Drovidor	Docult Turpo					
Authorizing Provider Michael MacDonald	Result Type					
Vickers	LAB BLOOD ON	DENADLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	iber	
EORLA						
MAGNESIUM - Final res	ult (07/12/202	0 1.26 PM				
	uit (07/12/202	Ref	1 L31)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Mg	0.80	0.66 -			EORLA	
		1.07				
		mmol/L				
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ïme	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				
VICKEIS						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
		12020 4 2				
BILIRUBIN, TOTAL - Fina	ai result (07/12/		O FIVI EST)	Applusis	Dorformed	
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	5	<=15			EORLA	
		umol/L				
	Anatomical Loc		Collection Mathed /			

	unor			
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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	LAB BLOOD ORDERABLES			
Vickers				
Performing Organization	Address	City/State/ZIP Code	Phone Number	

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (07/12/2020 4:26 PM EST)						
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Na	138	136 - 144 mmol/L			EORLA	
К	4.0	3.5 - 5.1 mmol/L			EORLA	
CI	100	98 - 107 mmol/L			EORLA	
CO2	26	19 - 30 mmol/L			EORLA	
Anion Gap	12	8 - 16 mmol/L			EORLA	
	Anatomical Loc	ation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection Ti	me	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 Numl	ber	
EORLA						

COVID-19 - Final result (16/11/2020 8:10 AM EST)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
COVID Source	NP/Throat				EORLA	
COVID-19 RT-PCR	Not Detected				EORLA	
	Anatomical Lo	cation /	Collection Method /			
Specimen (Source)	Laterality		Volume	Collection T	ïme	Received Time
NP/Throat				16/11/2020	8:10 AM EST	16/11/2020 2:46 PM EST
Authorizing Provider	Result Type					
Michael MacDonald	LAB MICROBIC)LOGY - GE	NERAL ORDERABLES			
Vickers						
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						

AUTOMATED DIFFERENTIAL - Final result (04/11/2020 3:55 PM EST)

		Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Neutrophil	6.2	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 Loca	ation /	Collection Method /			D .
Specimen (Source)	Laterality		Volume	Collection T	ime	Received Time
Blood				04/11/2020	3:55 PM EST	04/11/2020 3:56 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORI	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Num	ber	
EORLA						
(ABNORMAL) CREATININ	-	Ref	-	Analysis	Performed	Dethelesist Circuit
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	110 (H)	62 - 100 umol/L			EORLA	

	Anatomical Location /	Collection Method /		
Specimen (Source)	Laterality	Volume	Collection Time	Received Time
Blood (Blood, Venous)			04/11/2020 3:55 PM EST	04/11/2020 3:56 PM EST
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			

Performing Organization Ac	ddress	City/State/ZIP Code	Phone Number
EORLA			

CBC - Final result (04/11/2020 3:55 PM EST)

	.,	Ref		Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
WBC	8.2	3.5 - 10.5 x10^9/L			EORLA	
RBC	4.38	4.00 - 5.50 x10^12/L			EORLA	
HGB	137	125 - 170 g/L			EORLA	
НСТ	0.410	0.380 - 0.500 L/L			EORLA	
MCV	93.6	80.0 - 100.0 fL			EORLA	
МСН	31.3	27.0 - 34.0 pg			EORLA	
МСНС	334	315 - 355 g/L			EORLA	
RDW	12.1	11.5 - 15.5 %			EORLA	
Plat	292	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	

	Specimen (Source)	Laterality	Volume	Collection Time	Received Time
	Blood (Blood, Venous)			04/11/2020 3:55 PM E	ST 04/11/2020 3:56 PM EST
	Authorizing Provider	Result Type			
	Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
	Performing Organization	Address	City/State/ZIP Code	Phone Number	
		lts. Some data may be or	nitted.		
<u>ے</u>		·····,			· · · · · · · · · · · · · · · · · · ·
ഴ	Care Teams				
	Team Member	Relationship	Specialty		art Date End Date
	Michel Maalouf 613-731-4770-x3 (Work) 613-731-4979 (Fax)	PCP - General	Family Medio	cine 3/3	3/21
	Patient Contacts				
	Contact Name	Contact Address	Communicat	ion Re	lationship to Patient
	Diane Wilson	contact / daless	613-325-593		ouse (Partner), Emergency
		VANIER ON k1l 7v4 CAN	613-748-015 dwils8@hotr	8 (Home) Co	ntact
	Document Inform	ation			
	Primary Care Provider		Other Service P	roviders Do	ocument Coverage Dates
	Michel Maalouf (Mar. 03, 613-731-4770-x3 (Work) 613-731-4979 (Fax) Family Medicine	2021 - Present)			ay 16, 1954 - Jan. 31, 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 Jan. 31, 2023

							_
	Patient Demog	raphics - ма	ale; born May 16, 1954				
	Patient Address	•	nunication	Language		Marital Status	
	OTTAWA ON K1L 7V4 613-748-015 CAN (Home) 613-236-390		363-9319 (Mobile) 748-0158 (Home) 236-3902-x22 (Work) on@premierepropertymgt.com	English - Spoken (P	referred)	Unknown	
	Former (Apr. 15, 2019 - 30, 2022): 238 GREENSWAY AVE 2 VANIER ON K1L 7V4 CAN (Home)	dwils	on@premierepropertymgt.com 8@hotmail.com				
	Note from Atlas This document contain Alliance.		hat was shared with Randall Jan	nes Wilson. It may no	ot contain the	e entire record from Atlas	
*	Reason for Visit	:					
	Shortness of Breath						
رئى	Encounter Deta	ils					
	Date Type		Department		Care Team		
	26/01/2023 Emer	rgency	The Ottawa Hospital Ger Emergency Department 501 Smyth Road Ottawa, ON K1H 8L6 613-737-8899	·		K1Y 4E9	
£0	Allergies - docume No known active allerg		encounter (statuses as of 31/0 ²	/2023)			

2	• Medications - documented as of this encounter (statuses as of 31/01/2023)								
	Medication	Sig	Dispensed	Start Date End Date	Status				
	filgrastim (GRASTOFIL) 300 mcg/0.5 mL syringe	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	6 Syringe	27/09/2022	Active				
	mometasone (Nasonex) 50 mcg/actuation nasal spray	Administer 2 sprays into each nostril 1 (one) time each day.	17 g	15/12/2022	Active				
	betamethasone valerate (Betaderm) 0.05 % ointment	Apply 1 application topically 2 (two) times a day.	454 g	27/12/2022	Active				
	predniSONE 1 mg tablet	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.	30 tablet	26/01/2023	Active				
	predniSONE 5 mg tablet	Take 10 tablets (50 mg) by mouth 1 (one) time each day for 14 days.	140 tablet	26/01/2023 09/02/2023	Active				
	predniSONE 5 mg tablet	Take 8 tablets (40 mg) by mouth 1 (one) time each day for 2 days. Do not start before 10 February 2023.	16 tablet	10/02/2023 12/02/2023	Active				
	predniSONE 5 mg tablet	Take 6 tablets (30 mg) by mouth 1 (one) time each day for 2 days. Do not start before 12 February 2023.	12 tablet	12/02/2023 14/02/2023	Active				
	predniSONE 5 mg tablet	Take 4 tablets (20 mg) by mouth 1 (one) time each day for 2 days. Do not start before 14 February 2023.	8 tablet	14/02/2023 16/02/2023	Active				
	predniSONE 5 mg tablet	Take 2 tablets (10 mg) by mouth 1 (one) time each day for 2 days. Do not start before 16 February 2023.	4 tablet	16/02/2023 18/02/2023	Active				
	predniSONE 5 mg tablet	Take 1 tablet (5 mg) by mouth 1 (one) time each day for 2 days. Do not start before 18 February 2023.	2 tablet	18/02/2023 20/02/2023	Active				
	predniSONE 1 mg tablet	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.	30 tablet	10/01/2023 26/01/2023	Discontinued				
=	Active Problems - documented as of this encounter (statuses as of 31/01/2023) No known active problems								
Ð	Social History documented as of this enseunter								

\sim	Social History - documen	ted as of this encounter			
	Tobacco Use	Types	Packs/Day	Years Used	Date
	Former Smoker	Cigarettes	0.75	14	Quit: 1986
	Alcohol Use	Standard Drinks/Week			
	Yes	1 (1 standard drink = 18 mL pur	e alcohol)		

Last Filed Vital Signs - documented in this encounter

Last mea treat orgins	documented in this encounter		
Vital Sign	Reading	Time Taken	Comments
Blood Pressure	130/64	26/01/2023 9:02 AM EST	
Pulse	91	26/01/2023 9:02 AM EST	
Temperature	36.6 °C (97.9 °F)	26/01/2023 9:02 AM EST	
Respiratory Rate	18	26/01/2023 9:02 AM EST	
Oxygen Saturation	99%	26/01/2023 9:02 AM EST	
Inhaled Oxygen Concentration	-	-	
Weight	-	-	
Height	-	-	
Body Mass Index	-	-	
	Vital Sign Blood Pressure Pulse Temperature Respiratory Rate Dxygen Saturation nhaled Oxygen Concentration Weight Height	Blood Pressure130/64Pulse91Femperature36.6 °C (97.9 °F)Respiratory Rate18Oxygen Saturation99%nhaled Oxygen Concentration-Weight-Height-	Vital Sign Reading Time Taken Blood Pressure 130/64 26/01/2023 9:02 AM EST Pulse 91 26/01/2023 9:02 AM EST Femperature 36.6 °C (97.9 °F) 26/01/2023 9:02 AM EST Respiratory Rate 18 26/01/2023 9:02 AM EST Oxygen Saturation 99% 26/01/2023 9:02 AM EST nhaled Oxygen Concentration - - Weight - - Height - -

Medications at Time of Discharge - documented as of this encounter

Medication	Sig	Dispensed	Start Date	End Date
betamethasone valerate (Betaderm) 0.05 % ointment	Apply 1 application topically 2 (two) times a day.	454 g	27/12/2022	
filgrastim (GRASTOFIL) 300 mcg/0.5 mL syringe	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	6 Syringe	27/09/2022	
mometasone (Nasonex) 50 mcg/actuation nasal spray	Administer 2 sprays into each nostril 1 (one) time each day.	17 g	15/12/2022	
predniSONE 1 mg tablet	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.	30 tablet	26/01/2023	
predniSONE 5 mg tablet	Take 10 tablets (50 mg) by mouth 1 (one) time each day for 14 days.	140 tablet	26/01/2023	09/02/2023
predniSONE 5 mg tablet	Take 8 tablets (40 mg) by mouth 1 (one) time each day for 2 days. Do not start before 10 February 2023.	16 tablet	10/02/2023	12/02/2023
predniSONE 5 mg tablet	Take 6 tablets (30 mg) by mouth 1 (one) time each day for 2 days. Do not start before 12 February 2023.	12 tablet	12/02/2023	14/02/2023
predniSONE 5 mg tablet	Take 4 tablets (20 mg) by mouth 1 (one) time each day for 2 days. Do not start before 14 February 2023.	8 tablet	14/02/2023	16/02/2023
predniSONE 5 mg tablet	Take 2 tablets (10 mg) by mouth 1 (one) time each day for 2 days. Do not start before 16 February 2023.	4 tablet	16/02/2023	18/02/2023
predniSONE 5 mg tablet	Take 1 tablet (5 mg) by mouth 1 (one) time each day for 2 days. Do not start before 18 February 2023.	2 tablet	18/02/2023	20/02/2023

₿	Ordered Prescriptions	- documented in this encounter			
	Prescription	Sig	Dispensed	Start Date	End Date
	predniSONE 5 mg tablet	Take 1 tablet (5 mg) by mouth 1 (one) time each day for 2 days. Do not start before 18 February 2023.	2 tablet	18/02/2023	20/02/2023
	predniSONE 5 mg tablet	Take 2 tablets (10 mg) by mouth 1 (one) time each day for 2 days. Do not start before 16 February 2023.	4 tablet	16/02/2023	18/02/2023
	predniSONE 5 mg tablet	Take 4 tablets (20 mg) by mouth 1 (one) time each day for 2 days. Do not start before 14 February 2023.	8 tablet	14/02/2023	16/02/2023
	predniSONE 5 mg tablet	Take 6 tablets (30 mg) by mouth 1 (one) time each day for 2 days. Do not start before 12 February 2023.	12 tablet	12/02/2023	14/02/2023
	predniSONE 5 mg tablet	Take 8 tablets (40 mg) by mouth 1 (one) time each day for 2 days. Do not start before 10 February 2023.	16 tablet	10/02/2023	12/02/2023
	predniSONE 5 mg tablet	Take 10 tablets (50 mg) by mouth 1 (one) time each day for 14 days.	140 tablet	26/01/2023	09/02/2023
	predniSONE 1 mg tablet	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.	30 tablet	26/01/2023	
÷	Plan of Treatment - docu	mented as of this encounter			

Plan of Treatment - documented as of this encounter

Z $Results \ \ \text{-} \ \text{documented} \ in \ this \ encounter$

(ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (26/01/2023 9:32 AM EST)

(ADINURIVIAL) AUTUVIAT		AL - Final r	esult (26/01/2023 9:32 Al	VIESI)		
		Ref		Analysis	Performed	
Component	Value	Range	Test Method	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 - 1.00 x10*9/L		26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Eosinophil	0.18	<=0.50 x10*9/L		26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Basophil	0.04	<=0.10 x10*9/L		26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL	

					SITE	
Immature Granulocyte	0.03	<=0.10 x10*9/L		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 /			26/01/2023 9:43 AM EST
			Unknown	·		
Authorizing Provider	Result Type					
James Christopher Worrall	LAB BLOOD OF	{DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
BUN (UREA) - Final resu		Ref		Analysis	Performed	D. Hada dat Caractura
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Urea	4.9	3.3 - 8.9 mmol/L		26/01/2023 10:13 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	9:32 AM EST	26/01/2023 9:43 AM EST
Authorizing Provider	Result Type					
James Christopher Worrall	LAB BLOOD OR	OERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	ad	Ottawa, K1H 8L6			
GLUCOSE RANDOM - Fi	inal result (26/ Value	(01/2023 9 Ref Range	9:32 AM EST) Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	7.5	4.0 - 11.0		26/01/2023		
		mmol/L		10:13 AM EST	OTTAWA HOSPITAL - GENERAL SITE	
	Anatomical Loc	cation /	Collection Method /	C III etian Ti		D. I. J.T. S.
Specimen (Source) Blood (Blood, Venous)	Laterality		Volume Blood Collection / Unknown	Collection Tin 26/01/2023 S		Received Time 26/01/2023 9:43 AM EST
Authorizing Provider	Result Type					
James Christopher Worrall	LAB BLOOD OR	RABLES				

Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL - GENERAL SITE		d	Ottawa, K1H 8L6			
(ABNORMAL) ELECTROLY	TE PANEL (ELE		S) - Final result (26/01/20			
Component	Value	Ref	Test Method	Analysis Time	Performed	Dathalasist Cianatura
Component Sodium	139	Range 136 - 144		26/01/2023	At	Pathologist Signature
Soutan		mmol/L		10:13 AM EST	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 SITE	
Specimen (Source)	Anatomical Loc Laterality	ation /	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 OR	DERABLES				
Performing Organization	Address		City/State/ZIP Code	Phone Numb	ber	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Roa	d	Ottawa, K1H 8L6			
CREATININE - Final resu	ult (26/01/2023	8 9:32 AM Ref	EST)	Analysis	Performed	
Component	Value	Range	Test Method	Time	At	Pathologist Signature
Creatinine	77	62 - 100 umol/L		26/01/2023 10:13 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	

	Anatomical Location /	Collection Method /		
Specimen (Source)	Laterality	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						
(ABNORMAL) CBC (INCLU	JDES DIFFEREN	TIAL) - Fin a Ref	al result (26/01/2023 9:32	2 AM EST) Analysis	Performed				
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				
МСН	29.2	27.0 - 34.0 pg		26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE				
МСНС	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				

Diane Wilson VANIER ON k1l 7v4 CAN		1	613-325-5934 (Mobile) 613-748-0158 (Home) dwils8@hotmail.com			Spouse (Partner), Emergency Contact			
35	Patient Contacts Contact Name Contact Address		Communication				Relationship to Patient		
જ	Care Teams - docume Team Member Michel Maalouf 613-731-4770-x3 (Work) 613-731-4979 (Fax)	nted as of this encounter Relationship PCP - General		Specialty Family Medici	ne	Start D 3/3/21		End Date	
	Administered Med Inactive Administered M Medication Order dexamethasone (DECADRC 10 mg, intravenous, Once For 1 dose	1edications - up to 3 m DN) injection 10 mg	MOST RECENT and MAR Action Given		e Dose 23 10 mg	Rate		Site	
8	Visit Diagnoses - do Diagnosis Squamous cell carcinoma o		ter						
	Performing Organization THE OTTAWA HOSPITAL - GENERAL SITE		City/State/Z Ottawa, K1H		Phone Numl	ber			
	Authorizing Provider James Christopher Worrall	mes Christopher LAB BLOOD ORDERABLE							
	Specimen (Source) Blood (Blood, Venous)	Anatomical Location / Laterality	Collection Method / Volume Blood Collection / Unknown		Collection Time 26/01/2023 9:32 AM ES		Received Time ST 26/01/2023 9:43 AM EST		
	nRBC/100 WBC	0.0 /100WB	C		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			

Document Information

Primary Care Provider

Michel Maalouf (Mar. 03, 2021 - Present) 613-731-4770-x3 (Work) 613-731-4979 (Fax) Family Medicine Other Service Providers

Document Coverage Dates

Jan. 26, 2023

Custodian Organization

Atlas Alliance K1H 8L6 CAN

Encounter Providers

James Christopher Worrall (Attending) 613-722-7000 (Work) The Ottawa Hospital, Atlas Alliance 1053 Carling Avenue Ottawa ON K1Y 4E9 CAN Emergency Medicine Encounter Date

Jan. 26, 2023