



Randall James Wilson

Patient Health Summary, generated on Feb. 06, 2023

Patient Demographics - Male; born May 16, 1954

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

Note from Atlas Alliance

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

Allergies

No known active allergies

Medications

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

levoFLOxacin (LEVAQUIN) 750 mg tablet (Started 3/2/2023)

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

Ended Medications

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

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

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

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

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			
Yes	1 (1 standard drink = 18 mL pure alcohol)			

Last Filed 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)

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

(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	

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	77	62 - 100 umol/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)		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 (INCLUDES DIFFERENTIAL) - Final result (26/01/2023 9:32 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
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WBC	11.3 (H)	3.5 - 10.5 x10 ⁹ /L	26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
RBC	3.63 (L)	4.00 - 5.50 x10 ¹² /L	26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
Hgb	106 (L)	125 - 170 g/L	26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
Hct	0.339 (L)	0.380 - 0.500 L/L	26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
MCV	93.4	80.0 - 100.0 fL	26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
MCH	29.2	27.0 - 34.0 pg	26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
MCHC	313 (L)	315 - 355 g/L	26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
RDW:CV	16.2 (H)	11.5 - 15.5 %	26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
PLT	300	130 - 380 x10 ⁹ /L	26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
MPV	9.0	9.0 - 14.0 fL	26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
NRBC #	0.00	<=0.00 x10 ⁹ /L	26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
nRBC/100 WBC	0.0	/100WBC	26/01/2023 9:49 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE

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

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

(ABNORMAL) ELECTROLYTE PANEL (ELECTROLYTES) - Final result (26/01/2023 9:32 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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)		Blood Collection / Unknown	26/01/2023 9:32 AM EST	26/01/2023 9:43 AM EST
Authorizing Provider	Result Type			
James Christopher Worrall	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6		

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

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

Impressions

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

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

For report clarification: rads@toh.ca

Narrative

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

CT ABDOMEN & PELVIS WITH INTRAVENOUS CONTRAST

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

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

Template version 17.02.02

COMPARISON: December 15, 2022

HEPATOBIILIARY 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.

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

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

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

Anatomical Region	Laterality	Modality		
Neck		Computed Tomography		
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			01/02/2023 2:36 PM EST	

Impressions

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

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

Maria Lucia Brun Vergara, PGY 6

For report clarification: rads@toh.ca

Narrative

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

CT SCAN OF THE NECK WITH IV CONTRAST

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

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

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

FINDINGS:

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

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

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

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

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

- * Right paraspinal necrotic node, just posterior to the right transverse process of the C1 vertebra (#32), measuring 23 x 17 mm (previous study 17 x 11 mm).
- * Right peripheral enhancement soft tissue lesion on the the skull base just inferior to the right jugular foramen (#28), measuring 29 x 20 mm (previous study 26 x 16 mm)
- * Right paraspinal irregular necrotic conglomerate, difficult to measure, which appears slightly more prominent than previous.
- * Right level 2/3 lymph node conglomerate, difficult to measure, but more prominent than previous, with more skin involvement/protrusion.

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

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

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

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

Procedure Note

Rafael Simon Glikstein - 02/02/2023

Formatting of this note might be different from the original.

CT SCAN OF THE NECK WITH IV CONTRAST

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

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

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

FINDINGS:

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

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

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

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

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

- * Right paraspinal necrotic node, just posterior to the right transverse process of the C1 vertebra (#32), measuring 23 x 17 mm (previous study 17 x 11 mm).
- * Right peripheral enhancement soft tissue lesion on the the skull base just inferior to the right jugular foramen (#28), measuring 29 x 20 mm (previous study 26 x 16 mm)
- * Right paraspinal irregular necrotic conglomerate, difficult to measure, which appears slightly more prominent than previous.
- * Right level 2/3 lymph node conglomerate, difficult to measure, but more prominent than previous, with more skin involvement/protrusion.

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

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

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

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

IMPRESSION:

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

Maria Lucia Brun Vergara, PGY 6

For report clarification: rads@toh.ca

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

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

Anatomical Region	Laterality	Modality		
Chest		Computed Tomography		
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			30/01/2023 7:44 PM EST	

Impressions

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

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

For report clarification: rads@toh.ca

Narrative

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

CT CHEST WITH CONTRAST (ROUTINE)

INDICATION: 68yr old male- HNSCC- baseline scan for initiation of clinical trial
COMPARISON: CT chest 12/15/2022

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

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

PLEURA & PERICARDIUM: Unremarkable.

CARDIOVASCULAR: Mild aortic and severe coronary artery calcification.

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

UPPER ABDOMEN: CT abdomen reported separately.

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

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		Computed Tomography

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			30/01/2023 8:30 PM EST	

Impressions

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

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

For report clarification: rads@toh.ca

Narrative

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

CT ABDOMEN & PELVIS WITH INTRAVENOUS CONTRAST

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

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

Template version 17.02.02

COMPARISON: December 15, 2022

HEPATOBIILIARY 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.

Procedure Note

Wael Mansour Shabana - 30/01/2023

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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

HEPATOBIILIARY 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)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
EF	61.2				ATL XCELERA MUSE MCKESSON	

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

Narrative

This result has an attachment that is not available.

Authorizing Provider	Result Type		
John Frederick Hilton	CV ECHO PROCEDURES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
ATL XCELERA MUSE MCKESSON			

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

Anatomical Region	Laterality	Modality	
	N/A	Ultrasound	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time Received Time
			23/01/2023 2:37 PM EST

Narrative

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

ULTRASOUND-GUIDED BIOPSY OF LYMPH NODE

Procedure Code Z 405

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

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

REFERENCE IMAGING: CT study dated December 15, 2022

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

TARGET OF BIOPSY: Enlarged right axillary lymph node

NEEDLE APPROACH: Right anterior axillary

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

OF NEEDLE PASSES: 5

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

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

COMPLICATIONS: None.

POSTBIOPSY OBSERVATION: Uneventful.

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

Yashmin Nisha, Abdominal Imaging Fellow

For report clarification: rads@toh.ca

Procedure Note

Matthew Donald Fernand McInnes - 23/01/2023

Formatting of this note might be different from the original.

ULTRASOUND-GUIDED BIOPSY OF LYMPH NODE

Procedure Code Z 405

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REFERENCE IMAGING: CT study dated December 15, 2022

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

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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)

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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)	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 ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6		

CREATININE - Final result (23/01/2023 1:00 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	77	62 - 100 umol/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 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 (23/01/2023 1:00 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	10.9 (H)	3.5 - 10.5 x10 ⁹ /L		23/01/2023 1:31 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
RBC	3.53 (L)	4.00 - 5.50 x10 ¹² /L		23/01/2023 1:31 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Hgb	104 (L)	125 - 170 g/L		23/01/2023 1:31 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Hct	0.329 (L)	0.380 - 0.500 L/L		23/01/2023 1:31 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MCV	93.2	80.0 - 100.0 fL		23/01/2023 1:31 PM EST	THE OTTAWA HOSPITAL -	

				GENERAL SITE
MCH	29.5	27.0 - 34.0 pg	23/01/2023 1:31 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE
MCHC	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

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 ORDERABLES

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

ALT - Final result (23/01/2023 1:00 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	17	12 - 49 U/L		23/01/2023 2:01 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	

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

TSH - Final result (23/01/2023 1:00 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	2.32	0.27 - 4.20 mIU/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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

ALKALINE PHOSPHATASE (ALP) - Final result (23/01/2023 1:00 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	73	50 - 112 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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

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

Ref	Analysis	Performed
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Component	Value	Range	Test Method	Time	At	Pathologist Signature
Magnesium	0.60 (L)	0.66 - 1.07 mmol/L		23/01/2023 2:01 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
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 ORDERABLES					
Performing Organization	Address		City/State/ZIP Code	Phone Number		
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road		Ottawa, K1H 8L6			

CK - Final result (23/01/2023 1:00 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
CK	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 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 (23/01/2023 1:00 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	5	<=15 umol/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 ORDERABLES					

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
PO4	1.14	0.78 - 1.38 mmol/L		04/01/2023 3:43 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	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 Number
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6	

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 Location / Laterality	Collection Method / Volume	Collection Time	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 Number
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6	

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	
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Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Monocyte	0.75	0.10 - 1.00 x10 ⁹ /L		04/01/2023 3:26 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Eosinophil	0.05	<=0.50 x10 ⁹ /L		04/01/2023 3:26 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Basophil	0.04	<=0.10 x10 ⁹ /L		04/01/2023 3:26 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Immature Granulocyte	0.03	<=0.10 x10 ⁹ /L		04/01/2023 3:26 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	04/01/2023 3:00 PM EST	04/01/2023 3:14 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		

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	84	62 - 100 umol/L		04/01/2023 3:43 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	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 Number			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

(ABNORMAL) CBC (INCLUDES DIFFERENTIAL) - Final result (04/01/2023 3:00 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	8.7	3.5 - 10.5 x10 ⁹ /L		04/01/2023 3:26 PM	THE OTTAWA	

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

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6	

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Urea	4.5	3.3 - 8.9 mmol/L		04/01/2023 3:43 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	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 Number
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6	

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	19	12 - 49 U/L		04/01/2023 3:43 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	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 Number
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6	

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
AST	21	12 - 29 U/L		04/01/2023 3:43 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	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 Number	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6		

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Sodium	139	136 - 144 mmol/L		04/01/2023 3:43 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	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 Number			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

(ABNORMAL) PROTEIN TOTAL - Final result (04/01/2023 3:00 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Protein Total	77 (H)	63 - 75 g/L		04/01/2023 3:43 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	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 Number			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

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

Ref	Analysis	Performed
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Component	Value	Range	Test Method	Time	At	Pathologist Signature
Potassium	3.9	3.5 - 5.1 mmol/L		04/01/2023 3:43 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 Number			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	75	50 - 112 U/L		04/01/2023 3:43 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	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 Number			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Magnesium	0.64 (L)	0.66 - 1.07 mmol/L		04/01/2023 3:43 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	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 Number			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Chloride	97 (L)	98 - 107 mmol/L		04/01/2023 3:43 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	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 Number			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

(ABNORMAL) CO2 TOTAL (TOTAL CO2) - Final result (04/01/2023 3:00 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Total CO2	33 (H)	19 - 30 mmol/L		04/01/2023 3:43 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 Number			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 Location / Laterality	Collection Method / Volume	Collection Time	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 Number
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6	

BILIRUBIN, TOTAL - Final result (04/01/2023 3:00 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L		04/01/2023 3:43 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	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 Number
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6	

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Albumin	37 (L)	39 - 47 g/L		04/01/2023 3:43 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	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 Number
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6	

PHOSPHATE - Final result (19/12/2022 10:54 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
PO4	1.12	0.78 - 1.38 mmol/L		19/12/2022 12:05 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6	

GLUCOSE RANDOM - Final result (19/12/2022 10:54 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	7.6	4.0 - 11.0 mmol/L		19/12/2022 12:05 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical 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 ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6	

(ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (19/12/2022 10:54 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 x10 ⁹ /L		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Monocyte	0.75	0.10 - 1.00 x10 ⁹ /L		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Eosinophil	0.03	<=0.50 x10 ⁹ /L		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Basophil	0.03	<=0.10 x10 ⁹ /L		19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Immature Granulocyte	0.01	<=0.10 x10 ⁹ /L		19/12/2022 11:47 AM	THE OTTAWA	

EST HOSPITAL - GENERAL SITE

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

CREATININE - Final result (19/12/2022 10:54 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	78	62 - 100 umol/L		19/12/2022 12:05 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	19/12/2022 10:54 AM EST	19/12/2022 11:27 AM 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) - Final result (19/12/2022 10:54 AM EST)

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
MCH	29.5	27.0 - 34.0 pg	19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
MCHC	311 (L)	315 - 355 g/L	19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
RDW:CV	16.2 (H)	11.5 - 15.5 %	19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
PLT	428 (H)	130 - 380 x10 ⁹ /L	19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
MPV	8.8 (L)	9.0 - 14.0 fL	19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
NRBC #	0.00	<=0.00 x10 ⁹ /L	19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
nRBC/100 WBC	0.0	/100WBC	19/12/2022 11:47 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE

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

BUN (UREA) - Final result (19/12/2022 10:54 AM 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	THE OTTAWA HOSPITAL - GENERAL SITE	

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

ALT - Final result (19/12/2022 10:54 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	14	12 - 49 U/L		19/12/2022 12:05 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	19/12/2022 10:54 AM EST	19/12/2022 11:27 AM 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		

AST - Final result (19/12/2022 10:54 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
AST	16	12 - 29 U/L		19/12/2022 12:05 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	19/12/2022 10:54 AM EST	19/12/2022 11:27 AM 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		

SODIUM - Final result (19/12/2022 10:54 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Sodium	137	136 - 144		19/12/2022	THE	

mmol/L

12:05 PM
ESTOTTAWA
HOSPITAL -
GENERAL
SITE

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

PROTEIN TOTAL - Final result (19/12/2022 10:54 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Protein Total	71	63 - 75 g/L		19/12/2022 12:05 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	19/12/2022 10:54 AM EST	19/12/2022 11:27 AM 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		

POTASSIUM - Final result (19/12/2022 10:54 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Potassium	4.5	3.5 - 5.1 mmol/L		19/12/2022 12:05 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	19/12/2022 10:54 AM EST	19/12/2022 11:27 AM 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		

ALKALINE PHOSPHATASE - Final result (19/12/2022 10:54 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	75	50 - 112 U/L		19/12/2022 12:05 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	19/12/2022 10:54 AM EST	19/12/2022 11:27 AM 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) MAGNESIUM - Final result (19/12/2022 10:54 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

CHLORIDE - Final result (19/12/2022 10:54 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Chloride	99	98 - 107 mmol/L		19/12/2022 12:05 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	19/12/2022 10:54 AM EST	19/12/2022 11:27 AM 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	

CO2 TOTAL (TOTAL CO2) - Final result (19/12/2022 10:54 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Total CO2	30	19 - 30 mmol/L		19/12/2022 12:05 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	19/12/2022 10:54 AM EST	19/12/2022 11:27 AM 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				

CALCIUM - Final result (19/12/2022 10:54 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Calcium	2.31	2.24 - 2.58 mmol/L		19/12/2022 12:05 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	19/12/2022 10:54 AM EST	19/12/2022 11:27 AM 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				

BILIRUBIN, TOTAL - Final result (19/12/2022 10:54 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	3	<=15 umol/L		19/12/2022 12:05 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Location / Laterality		Collection Method / Volume	Collection Time	Received Time	
Blood (Blood, Venous)			Blood Collection /	19/12/2022 10:54 AM	19/12/2022 11:27 AM	

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) ALBUMIN - Final result (19/12/2022 10:54 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 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 ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6	

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

Anatomical Region	Laterality	Modality		
Neck		Computed Tomography		
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			22/12/2022 3:36 PM EST	

Addenda

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

Please note Original Report is attached below ADDENDUM:

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

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

For report clarification: rads@toh.ca

Impressions

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

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

For report clarification: rads@toh.ca

Narrative

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

CT scan the neck with IV contrast

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

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

Findings:

Study is compared to November 3, 2022.

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

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

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

Procedure Note

Thanh Binh Nguyen - 22/12/2022

Formatting of this note might be different from the original.

CT scan the neck with IV contrast

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

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

Findings:

Study is compared to November 3, 2022.

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

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

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

IMPRESSION:

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

For report clarification: rads@toh.ca

Authorizing Provider	Result Type
Arif Ali Awan	IMG CT PROCEDURES

Performing Organization	Address	City/State/ZIP Code	Phone Number
ATL POWERSCRIBE			

Chest Computed Tomography

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

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

Anatomical Region	Laterality	Modality
Body, Abdomen, Pelvis, Y		Computed Tomography

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			19/12/2022 1:28 PM EST	

Impressions

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

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

Thank you for the consultation.

For report clarification: rads@toh.ca

Narrative

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

CT ABDOMEN & PELVIS

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

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

COMPARISON: CT abdomen and pelvis November 3

HEPATOBIILIARY SYSTEM:

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

No additional liver lesions of concern.

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

Pancreas: No important abnormality.

GASTROINTESTINAL TRACT: No important abnormality.

GENITOURINARY SYSTEM:

Adrenals: No important abnormality.

Kidneys / Ureters: No important abnormality.

Urinary Bladder: No important abnormality.

Reproductive Organs: Moderate prostatomegaly.

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

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

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

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

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

Procedure Note

Matthew Donald Fernand McInnes - 19/12/2022

Formatting of this note might be different from the original.

CT ABDOMEN & PELVIS

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

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

COMPARISON: CT abdomen and pelvis November 3

HEPATOBIILIARY 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)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
PO4	1.08	0.78 - 1.38 mmol/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	Address	City/State/ZIP Code	Phone Number
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6	

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	6.2	4.0 - 11.0 mmol/L		05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical 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	

(ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (05/12/2022 2:09 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 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 3:12 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	

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

(ABNORMAL) CBC (INCLUDES DIFFERENTIAL) - Final result (05/12/2022 2:09 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	6.0	3.5 - 10.5 x10 ⁹ /L		05/12/2022 3:41 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
RBC	3.43 (L)	4.00 - 5.50 x10 ¹² /L		05/12/2022 3:41 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Hgb	99 (L)	125 - 170 g/L		05/12/2022 3:41 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Hct	0.321 (L)	0.380 - 0.500 L/L		05/12/2022 3:41 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MCV	93.6	80.0 - 100.0 fL		05/12/2022 3:41 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MCH	28.9	27.0 - 34.0 pg		05/12/2022 3:41 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MCHC	308 (L)	315 - 355 g/L		05/12/2022 3:41 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
RDW:CV	15.7 (H)	11.5 - 15.5 %		05/12/2022 3:41 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
PLT	462 (H)	130 - 380 x10 ⁹ /L		05/12/2022 3:41 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MPV	8.6 (L)	9.0 - 14.0		05/12/2022	THE	

		fL	3:41 PM EST	OTTAWA HOSPITAL - GENERAL SITE
NRBC #	0.00	<=0.00 x10*9/L	05/12/2022 3:41 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE
nRBC/100 WBC	0.0	/100WBC	05/12/2022 3:41 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE

Specimen (Source)	Anatomical 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 3:12 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		

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Urea	5.2	3.3 - 8.9 mmol/L		05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
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				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	14	12 - 49 U/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 /	05/12/2022 2:09 PM EST	05/12/2022 3:07 PM EST		

Unknown

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	

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
AST	13	12 - 29 U/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	Address	City/State/ZIP Code	Phone Number
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6	

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

Component	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	
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	

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Protein Total	71	63 - 75 g/L		05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL - GENERAL	

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		

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Potassium	5.0	3.5 - 5.1 mmol/L		05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	

Specimen (Source)	Anatomical Location / 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		

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	83	50 - 112 U/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	Address	City/State/ZIP Code	Phone Number	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6		

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

Ref	Analysis	Performed
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Component	Value	Range	Test Method	Time	At	Pathologist Signature
Magnesium	0.66	0.66 - 1.07 mmol/L		05/12/2022 3:45 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical 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)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Chloride	100	98 - 107 mmol/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	Address	City/State/ZIP Code		Phone Number		
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 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 -	501 Smyth Road	Ottawa, K1H 8L6				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 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				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	3	<=15 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	Address	City/State/ZIP Code	Phone Number			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Albumin	37 (L)	39 - 47 g/L		05/12/2022 3:45 PM EST	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	Address	City/State/ZIP Code	Phone Number
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6	

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 Location / Laterality	Collection Method / Volume		Collection Time	Received Time	
Blood (Blood, Venous)		Blood Collection / Unknown		28/11/2022 2:11 PM EST	28/11/2022 2:25 PM EST	
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORDERABLES					

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

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

Component	Value	Ref Range	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 Location / Laterality	Collection Method / Volume		Collection Time	Received Time	
Blood (Blood, Venous)		Blood Collection / Unknown		28/11/2022 2:11 PM EST	28/11/2022 2:25 PM EST	
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORDERABLES					

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Neutrophil	6.30	2.00 - 7.50 x10 ⁹ /L		28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Lymphocyte	0.80	0.80 - 3.50		28/11/2022 2:40 PM	THE OTTAWA	

		x10*9/L	EST	HOSPITAL - GENERAL SITE
Monocyte	0.69	0.10 - 1.00 x10*9/L	28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE
Eosinophil	0.07	<=0.50 x10*9/L	28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE
Basophil	0.05	<=0.10 x10*9/L	28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE
Immature Granulocyte	0.03	<=0.10 x10*9/L	28/11/2022 2:40 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)		Blood Collection / Unknown	28/11/2022 2:11 PM EST	28/11/2022 2:25 PM EST
Authorizing Provider	Result Type			
Arif Ali Awan	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6		

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	87	62 - 100 umol/L		28/11/2022 2:54 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	28/11/2022 2:11 PM EST	28/11/2022 2:25 PM EST		
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone 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 Time	Performed At	Pathologist Signature

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

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
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Blood (Blood, Venous)	Blood Collection / Unknown	28/11/2022 2:11 PM EST	28/11/2022 2:25 PM EST
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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	

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)		Blood Collection / Unknown	28/11/2022 2:11 PM EST	28/11/2022 2:25 PM EST

Authorizing Provider	Result Type
Arif Ali Awan	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	15	12 - 49 U/L		28/11/2022 2:54 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	28/11/2022 2:11 PM EST	28/11/2022 2:25 PM EST

Authorizing Provider	Result Type
Arif Ali Awan	LAB BLOOD ORDERABLES

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

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

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 -	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)		Blood Collection / Unknown	28/11/2022 2:11 PM EST	28/11/2022 2:25 PM EST
Authorizing Provider	Result Type			
Arif Ali Awan	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6		

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Sodium	137	136 - 144 mmol/L		28/11/2022 2:54 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	28/11/2022 2:11 PM EST	28/11/2022 2:25 PM EST
Authorizing Provider	Result Type			
Arif Ali Awan	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6		

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Protein Total	66	63 - 75 g/L		28/11/2022 2:54 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	28/11/2022 2:11 PM EST	28/11/2022 2:25 PM EST
Authorizing Provider	Result Type			
Arif Ali Awan	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone 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 EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time	Received Time	
Blood (Blood, Venous)		Blood Collection / Unknown		28/11/2022 2:11 PM EST	28/11/2022 2:25 PM EST	
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	72	50 - 112 U/L		28/11/2022 2:54 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time	Received Time	
Blood (Blood, Venous)		Blood Collection / Unknown		28/11/2022 2:11 PM EST	28/11/2022 2:25 PM EST	
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Magnesium	0.66	0.66 - 1.07 mmol/L		28/11/2022 2:54 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		28/11/2022 2:11 PM EST	28/11/2022 2:25 PM EST	
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Chloride	98	98 - 107 mmol/L		28/11/2022 2:54 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	28/11/2022 2:11 PM EST	28/11/2022 2:25 PM EST		
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

CO2 TOTAL (TOTAL CO2) - Final result (28/11/2022 2:11 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Total CO2	29	19 - 30 mmol/L		28/11/2022 2:54 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)		Blood Collection / Unknown	28/11/2022 2:11 PM EST	28/11/2022 2:25 PM EST		
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Calcium	2.31	2.24 - 2.58 mmol/L		28/11/2022 2:54 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	28/11/2022 2:11 PM EST	28/11/2022 2:25 PM EST		

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

BILIRUBIN, TOTAL - Final result (28/11/2022 2:11 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L		28/11/2022 2:54 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	28/11/2022 2:11 PM EST	28/11/2022 2:25 PM EST	

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 Time	Received Time	
Blood (Blood, Venous)			Blood Collection / Unknown	28/11/2022 2:11 PM EST	28/11/2022 2:25 PM EST	

Authorizing Provider	Result Type		
Arif Ali Awan	LAB BLOOD ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	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 Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)		Blood Collection / Unknown	15/11/2022 1:47 PM EST	15/11/2022 1:55 PM EST
Authorizing Provider	Result Type			
Arif Ali Awan	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6		

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	6.8	4.0 - 11.0 mmol/L		15/11/2022 2:29 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	15/11/2022 1:47 PM EST	15/11/2022 1:55 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		

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	88	62 - 100 umol/L		15/11/2022 2:29 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	15/11/2022 1:47 PM EST	15/11/2022 1:55 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		

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Urea	4.8	3.3 - 8.9		15/11/2022	THE	

mmol/L

2:29 PM
ESTOTTAWA
HOSPITAL -
GENERAL
SITE

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)		Blood Collection / Unknown	15/11/2022 1:47 PM EST	15/11/2022 1:55 PM EST
Authorizing Provider	Result Type			
Arif Ali Awan	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6		

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	13	12 - 49 U/L		15/11/2022 2:29 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	15/11/2022 1:47 PM EST	15/11/2022 1:55 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		

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
AST	12	12 - 29 U/L		15/11/2022 2:29 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	15/11/2022 1:47 PM EST	15/11/2022 1:55 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		

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Sodium	137	136 - 144 mmol/L		15/11/2022 2:29 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	15/11/2022 1:47 PM EST	15/11/2022 1:55 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				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Protein Total	72	63 - 75 g/L		15/11/2022 2:29 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	15/11/2022 1:47 PM EST	15/11/2022 1:55 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				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Potassium	4.9	3.5 - 5.1 mmol/L		15/11/2022 2:29 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	15/11/2022 1:47 PM EST	15/11/2022 1:55 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	

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	86	50 - 112 U/L		15/11/2022 2:29 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	15/11/2022 1:47 PM EST	15/11/2022 1:55 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	

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Magnesium	0.68	0.66 - 1.07 mmol/L		15/11/2022 2:29 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	15/11/2022 1:47 PM EST	15/11/2022 1:55 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 (15/11/2022 1:47 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Chloride	99	98 - 107 mmol/L		15/11/2022 2:29 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)		Blood Collection /	15/11/2022 1:47 PM EST	15/11/2022 1:55 PM EST

Unknown

Authorizing Provider	Result Type		
Arif Ali Awan	LAB BLOOD ORDERABLES		
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)

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 Location / Laterality	Collection Method / Volume		Collection Time	Received Time	
Blood (Blood, Venous)		Blood Collection / Unknown		15/11/2022 1:47 PM EST	15/11/2022 1:55 PM EST	

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Calcium	2.39	2.24 - 2.58 mmol/L		15/11/2022 2:29 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		15/11/2022 1:47 PM EST	15/11/2022 1:55 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	

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	3	<=15 umol/L		15/11/2022 2:29 PM EST	THE OTTAWA HOSPITAL - GENERAL	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)		Blood Collection / Unknown	15/11/2022 1:47 PM EST	15/11/2022 1:55 PM EST
Authorizing Provider	Result Type			
Arif Ali Awan	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6		

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Albumin	38 (L)	39 - 47 g/L		15/11/2022 2:29 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	15/11/2022 1:47 PM EST	15/11/2022 1:55 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) AUTOMATED DIFFERENTIAL - Final result (15/11/2022 1:46 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	THE OTTAWA	

Immature Granulocyte	0.13 (H)	<=0.10 x10 ⁹ /L	EST	HOSPITAL - GENERAL SITE
			15/11/2022 2:11 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	15/11/2022 1:46 PM EST	15/11/2022 1:55 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 (15/11/2022 1:46 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	9.8	3.5 - 10.5 x10 ⁹ /L		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
RBC	3.45 (L)	4.00 - 5.50 x10 ¹² /L		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Hgb	99 (L)	125 - 170 g/L		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Hct	0.318 (L)	0.380 - 0.500 L/L		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MCV	92.2	80.0 - 100.0 fL		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
MCH	28.7	27.0 - 34.0 pg		15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
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	THE OTTAWA	

			EST	HOSPITAL - GENERAL SITE
PLT	458 (H)	130 - 380 x10 ⁹ /L	15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE
MPV	8.5 (L)	9.0 - 14.0 fL	15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE
NRBC #	0.00	<=0.00 x10 ⁹ /L	15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE
nRBC/100 WBC	0.0	/100WBC	15/11/2022 2:11 PM EST	THE OTTAWA HOSPITAL - GENERAL SITE

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	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 m ²		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 result (08/11/2022 8:40 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	7.9	4.0 - 11.0 mmol/L		08/11/2022 9:30 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 - GENERAL SITE	
Monocyte	0.51	0.10 -		08/11/2022	THE	

		1.00 x10 ⁹ /L	9:04 AM EST	OTTAWA HOSPITAL - GENERAL SITE
Eosinophil	0.03	<=0.50 x10 ⁹ /L	08/11/2022 9:04 AM EST	THE 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 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			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	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	
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					
Michael MacDonald Vickers	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 - 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	

RBC	3.43 (L)	4.00 - 5.50 x10 ¹² /L	08/11/2022 9:04 AM EST	SITE THE OTTAWA HOSPITAL - GENERAL SITE
Hgb	103 (L)	125 - 170 g/L	08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
Hct	0.318 (L)	0.380 - 0.500 L/L	08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
MCV	92.7	80.0 - 100.0 fL	08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
MCH	30.0	27.0 - 34.0 pg	08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
MCHC	324	315 - 355 g/L	08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
RDW:CV	14.7	11.5 - 15.5 %	08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
PLT	379	130 - 380 x10 ⁹ /L	08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
MPV	8.8 (L)	9.0 - 14.0 fL	08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
NRBC #	0.00	<=0.00 x10 ⁹ /L	08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
nRBC/100 WBC	0.0	/100WBC	08/11/2022 9:04 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE

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			

Michael MacDonald LAB BLOOD ORDERABLES
Vickers

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 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	

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

Component	Value	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 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	

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	21	12 - 49 U/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	

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

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
AST	17	12 - 29 U/L		08/11/2022 9:38 AM EST	THE OTTAWA 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	

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	1.70	0.27 - 4.20 mIU/L		08/11/2022 9:38 AM EST	THE OTTAWA 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
Michael MacDonald Vickers	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Sodium	137	136 - 144 mmol/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL	

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		

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Protein Total	71	63 - 75 g/L		08/11/2022 9:38 AM EST	THE OTTAWA 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		

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Potassium	4.1	3.5 - 5.1 mmol/L		08/11/2022 9:38 AM EST	THE OTTAWA 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		

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	THE OTTAWA	

EST HOSPITAL - GENERAL SITE

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	73	50 - 112 U/L		08/11/2022 9:38 AM EST	THE OTTAWA 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			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6		

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Magnesium	0.64 (L)	0.66 - 1.07 mmol/L		08/11/2022 9:33 AM EST	THE OTTAWA 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		

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

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

Magnesium	0.65 (L)	0.66 - 1.07 mmol/L	08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE
Specimen (Source)	Anatomical 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			
Michael MacDonald Vickers	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 (08/11/2022 8:40 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Chloride	99	98 - 107 mmol/L		08/11/2022 9:38 AM EST	THE OTTAWA 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				

(ABNORMAL) CO2 TOTAL (TOTAL CO2) - Final result (08/11/2022 8:40 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Total CO2	31 (H)	19 - 30 mmol/L		08/11/2022 9:38 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
Specimen (Source)	Anatomical 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				

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L		08/11/2022 9:33 AM EST	THE OTTAWA HOSPITAL - GENERAL SITE	
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)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L		08/11/2022 9:38 AM EST	THE OTTAWA 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					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
THE OTTAWA HOSPITAL - GENERAL SITE	501 Smyth Road	Ottawa, K1H 8L6				

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

Component	Value	Ref Range	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	
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				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	
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					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			

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

Anatomical Region	Laterality	Modality
Neck		Computed Tomography

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			15/11/2022 12:02 PM EST	

Impressions

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

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

For report clarification: rads@toh.ca

Narrative

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

CT SCAN OF THE NECK WITH IV CONTRAST

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

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

COMPARISON: September 7, 2022

FINDINGS:

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

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

Irregular necrotic peripherally enhancing lesions within the posterior right paraspinal muscles under the skull base and midline suboccipital region are once again noted some of them could level of C1 and C1-C2 level more prominent from prior, at C1 level 14 mm, previously 7 soft tissue lesion under the skull base just inferior to the right jugular foramen slightly more prominent from prior measuring 2.7 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

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COMPARISON: September 7, 2022

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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 1b 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

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

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

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

For report clarification: rads@toh.ca

Narrative

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

CT THORAX WITH CONTRAST (ROUTINE)

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

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

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

PLEURA & PERICARDIUM: Unremarkable.

AORTA AND SYSTEMIC ARTERIES: Unremarkable

HEART: Severe coronary artery calcification.
PULMONARY ARTERIES AND VEINS: Unremarkable
SYSTEMIC VEINS: Unremarkable

ESOPHAGUS Unremarkable.
BONES & CHEST WALL: No aggressive bony lesion.
DIAPHRAGM: Unremarkable
UPPER ABDOMEN: CT abdomen reported separately.

Procedure Note

Carole J. Dennie - 09/11/2022

Formatting of this note might be different from the original.

CT THORAX WITH CONTRAST (ROUTINE)

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

COMPARISON: September 7, 2022.

LUNGS & TRACHEOBRONCHIAL TREE: Bilateral groundglass opacities with mid and upper zone predominance have improved but not completely resolved. No concerning lung nodules.
LYMPH NODES & MEDIASTINUM: Small mediastinal lymph nodes are stable. Right axillary lymph node has slightly decreased in size measuring 28 x 15 mm compared to 35 x 19 mm previously. No new lymphadenopathy.

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

ESOPHAGUS Unremarkable.
BONES & CHEST WALL: No aggressive bony lesion.
DIAPHRAGM: Unremarkable
UPPER ABDOMEN: CT abdomen reported separately.

IMPRESSION:

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

For report clarification: rads@toh.ca

Authorizing Provider	Result Type
Arif Ali Awan	IMG CT PROCEDURES

Performing Organization	Address	City/State/ZIP Code	Phone Number
ATL POWERSCRIBE			

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

Anatomical Region	Laterality	Modality
Body, Abdomen, Pelvis, Y		Computed Tomography

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			07/11/2022 4:02 PM EST	

Impressions

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

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

Meshary Aldhufian, Abdominal Imaging Fellow

For report clarification: rads@toh.ca

Narrative

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.

HEPATOBIILIARY 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.

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.

HEPATOBIILIARY 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

Performing Organization	Address	City/State/ZIP Code	Phone Number
ATL POWERSCRIBE			

XR CHEST 2 VW - Final result (03/11/2022 1:23 AM EDT)

Anatomical Region	Laterality	Modality
Chest		Computed Radiography

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			03/11/2022 10:53 AM EDT	

Narrative

ATL POWERSCRIBE - 03/11/2022 10:54 AM EDT

XR CHEST 2 VW 11/3/2022 1:13 AM TOH
Referring physician: JOSEPH CAYTAK

INDICATION: 68 years. r/o pneumonia.

COMPARISON: Chest CT 7 September 2022

FINDINGS:

Normal cardiomediastinal silhouette area.. No pleural effusion or pneumothorax.
No abnormal lung opacities/consolidations. No evident radiographic acute findings.
Mild S-shaped scoliosis. No fractures.

For report clarification: rads@toh.ca

Procedure Note

Marcos Loreto Sampaio - 03/11/2022

Formatting of this note might be different from the original.

XR CHEST 2 VW 11/3/2022 1:13 AM TOH
Referring physician: JOSEPH CAYTAK

INDICATION: 68 years. r/o pneumonia.

COMPARISON: Chest CT 7 September 2022

FINDINGS:

Normal cardiomediastinal silhouette area.. No pleural effusion or pneumothorax.
No abnormal lung opacities/consolidations. No evident radiographic acute findings.
Mild S-shaped scoliosis. No fractures.

For report clarification: rads@toh.ca

Authorizing Provider	Result Type
Joseph Caytak	IMG XR PROCEDURES

Performing Organization	Address	City/State/ZIP Code	Phone Number
ATL POWERSCRIBE			

CULTURE, BLOOD (BLOOD CULTURE) - Final result (03/11/2022 12:35 AM EDT)

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 12:50 AM EST

Final Report:
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Authorizing Provider	Result Type		
Joseph Caytak	LAB MICROBIOLOGY - GENERAL ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
EORLA			

CULTURE, BLOOD (BLOOD CULTURE) - Final result (03/11/2022 12:35 AM EDT)

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 12:50 AM EST
Final Report:
=====

No growth

Authorizing Provider	Result Type		
Joseph Caytak	LAB MICROBIOLOGY - GENERAL ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
EORLA			

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
POCT COVID Rapid Antigen Test	Negative					

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Nasopharyngeal Swab			03/11/2022 12:18 AM EDT	

Authorizing Provider	Result Type		
Joseph Caytak	POINT OF CARE TEST ORDERABLES		

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	1.032 (H)	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		
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Urine (Urine, Clean Catch)			02/11/2022 11:39 PM EDT	02/11/2022 11:54 PM EDT
Authorizing Provider	Result Type			
Tiffany Lam	LAB URINE ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	7.5	4.0 - 11.0 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			02/11/2022 9:36 PM EDT	02/11/2022 9:38 PM EDT		
Authorizing Provider	Result Type					
Tiffany Lam	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood			02/11/2022 9:36 PM EDT	02/11/2022 9:38 PM EDT		
Authorizing Provider	Result Type					
Tiffany Lam	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	100	62 - 100 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality		Collection Method / Volume	Collection Time	Received Time	
Blood (Blood, Venous)				02/11/2022 9:36 PM EDT	02/11/2022 9:38 PM EDT	
Authorizing Provider	Result Type					
Tiffany Lam	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code		Phone Number		
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	4.0	3.5 - 10.5 x10 ⁹ /L			EORLA	
RBC	3.86 (L)	4.00 - 5.50 x10 ¹² /L			EORLA	
HGB	112 (L)	125 - 170 g/L			EORLA	
HCT	0.360 (L)	0.380 - 0.500 L/L			EORLA	
MCV	93.3	80.0 - 100.0 fL			EORLA	
MCH	29.0	27.0 - 34.0 pg			EORLA	
MCHC	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 Location / Laterality		Collection Method / Volume	Collection Time	Received Time	
Blood (Blood, Venous)				02/11/2022 9:36 PM EDT	02/11/2022 9:38 PM EDT	
Authorizing Provider	Result Type					
Tiffany Lam	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code		Phone Number		
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Urea	6.5	3.3 - 8.9			EORLA	

mmol/L

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	137	136 - 144 mmol/L			EORLA	
K	4.4	3.5 - 5.1 mmol/L			EORLA	
Cl	98	98 - 107 mmol/L			EORLA	
CO2	27	19 - 30 mmol/L			EORLA	
Anion Gap	12	8 - 16 mmol/L			EORLA	

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Morphology	Nonspecific				EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood			24/10/2022 10:25 AM EDT	24/10/2022 11:50 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 (24/10/2022 10:25 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
PO4	0.83	0.78 - 1.38 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood			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						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	6.1	4.0 - 11.0 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood			24/10/2022 10:25 AM EDT	24/10/2022 11:51 AM EDT		
Authorizing Provider	Result Type					

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			24/10/2022 10:25 AM EDT	24/10/2022 11:50 AM EDT

Authorizing Provider	Result Type
Arif Ali Awan	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	
HCT	0.327 (L)	0.380 - 0.500 L/L			EORLA	
MCV	95.1	80.0 - 100.0 fL			EORLA	
MCH	30.2	27.0 - 34.0 pg			EORLA	
MCHC	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 -			EORLA	

0.00
x10^9/L

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 11:50 AM EDT
Authorizing Provider	Result Type			
Arif Ali Awan	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Urea	5.8	3.3 - 8.9 mmol/L			EORLA	

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 Type			
Arif Ali Awan	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	15	12 - 49 U/L			EORLA	

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 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)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
AST	10 (L)	12 - 29 U/L			EORLA	

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 Type
Arif Ali Awan	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	1.66	0.27 - 4.20 mIU/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			24/10/2022 10:25 AM EDT	24/10/2022 2:38 PM EDT

Authorizing Provider	Result Type
Arif Ali Awan	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Protein Total	67	63 - 75 g/L			EORLA	

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 Type
Arif Ali Awan	LAB BLOOD ORDERABLES

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

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

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

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 Type
Arif Ali Awan	LAB BLOOD ORDERABLES

Performing Organization	Address	City/State/ZIP Code	Phone Number
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(ABNORMAL) MAGNESIUM - Final result (24/10/2022 10:25 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.64 (L)	0.66 - 1.07 mmol/L			EORLA	
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 Type					
Arif Ali Awan	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Ca	2.34	2.24 - 2.58 mmol/L			EORLA	
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 Type					
Arif Ali Awan	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	<3	<=15 umol/L			EORLA	
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 Type					
Arif Ali Awan	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Ref	Analysis	Performed
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Component	Value	Range	Test Method	Time	At	Pathologist Signature
Albumin	37 (L)	39 - 47 g/L			EORLA	
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 Type					
Arif Ali Awan	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code		Phone Number		
EORLA						

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (24/10/2022 10:25 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	140	136 - 144 mmol/L			EORLA	
K	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	
Specimen (Source)	Anatomical Location / Laterality		Collection Method / Volume	Collection Time	Received Time	
Blood				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) AUTOMATED DIFFERENTIAL - Final result (18/10/2022 10:13 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Neutrophil	3.7	2.0 - 7.5 $\times 10^9/L$			EORLA	
Lymphocyte	0.7 (L)	0.8 - 3.5 $\times 10^9/L$			EORLA	
Monocyte	0.6	0.1 - 1.0 $\times 10^9/L$			EORLA	
Eosinophil	0.1	0.0 - 0.5 $\times 10^9/L$			EORLA	
Basophil	0.0	0.0 - 0.1 $\times 10^9/L$			EORLA	
Immature Granulocyte	0.0	≤ 0.1 $\times 10^9/L$			EORLA	
Specimen (Source)	Anatomical Location / Laterality		Collection Method / Volume	Collection Time	Received Time	

Blood

18/10/2022 10:13 AM
EDT18/10/2022 10:44 AM
EDT

Authorizing Provider	Result Type
Arif Ali Awan	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	5.1	3.5 - 10.5 x10 ⁹ /L			EORLA	
RBC	3.61 (L)	4.00 - 5.50 x10 ¹² /L			EORLA	
HGB	106 (L)	125 - 170 g/L			EORLA	
HCT	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	
MCHC	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 Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			18/10/2022 10:13 AM EDT	18/10/2022 10:44 AM EDT

Authorizing Provider	Result Type
Arif Ali Awan	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	92	62 - 100 umol/L			EORLA	
EGFR (CKD-EPI)	73 (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)			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)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
PO4	0.88	0.78 - 1.38 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	7.3	4.0 - 11.0 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
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	
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						

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

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
AST	11 (L)	12 - 29 U/L			EORLA	
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						

PROTEIN TOTAL - Final result (18/10/2022 10:13 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Protein Total	73	63 - 75 g/L			EORLA	

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				

ALKALINE PHOSPHATASE - Final result (18/10/2022 10:13 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	70	50 - 112 U/L			EORLA	
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						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.66	0.66 - 1.07 mmol/L			EORLA	
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						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Ca	2.32	2.24 - 2.58 mmol/L			EORLA	
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			

BILIRUBIN, TOTAL - Final result (18/10/2022 10:13 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L			EORLA	
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						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Albumin	38 (L)	39 - 47 g/L			EORLA	
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						

(ABNORMAL) ELECTROLYTE PANEL (ELECTROLYTES) - Final result (18/10/2022 10:13 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	136	136 - 144 mmol/L			EORLA	
K	4.8	3.5 - 5.1 mmol/L			EORLA	
Cl	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 Location / Laterality	Collection Method / Volume		Collection Time	Received Time	
Blood				18/10/2022 10:13 AM	18/10/2022 10:42 AM	

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

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

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

Comment:

An eGFR result between 60-89 mL/min/1.73 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)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
PO4	0.89	0.78 - 1.38 mmol/L			EORLA	

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	6.9	4.0 - 11.0 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 Location / Laterality	Collection Method / Volume		Collection Time	Received Time	
Blood				05/10/2022 9:25 AM EDT	05/10/2022 9:42 AM EDT	
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	
HCT	0.361 (L)	0.380 - 0.500 L/L			EORLA	
MCV	93.5	80.0 - 100.0 fL			EORLA	
MCH	29.8	27.0 - 34.0 pg			EORLA	
MCHC	319	315 - 355			EORLA	

RDW	12.7	g/L 11.5 - 15.5 %	EORLA
Plat	346	130 - 380 x10 ⁹ /L	EORLA
MPV	8.6 (L)	9.0 - 14.0 fL	EORLA
NRBC/100 WBC	0.0		EORLA
NRBC #	0.00	0.00 - 0.00 x10 ⁹ /L	EORLA

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			05/10/2022 9:25 AM EDT	05/10/2022 9:42 AM EDT
Authorizing Provider	Result Type			
Arif Ali Awan	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	14	12 - 49 U/L			EORLA	

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				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
AST	10 (L)	12 - 29 U/L			EORLA	

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				

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

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

Protein Total	73	63 - 75 g/L	EORLA	
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				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	90	50 - 112 U/L			EORLA	
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						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.63 (L)	0.66 - 1.07 mmol/L			EORLA	
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						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Ca	2.37	2.24 - 2.58 mmol/L			EORLA	
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			

BILIRUBIN, TOTAL - Final result (05/10/2022 9:25 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L			EORLA	

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			

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Albumin	40	39 - 47 g/L			EORLA	

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			

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	138	136 - 144 mmol/L			EORLA	
K	4.8	3.5 - 5.1 mmol/L			EORLA	
Cl	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 Location / Laterality	Collection Method / 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 ORDERABLES

EORLA

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist 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	

T Horizontal Axis	27	TOH PHILIPS ECG
T Wave Axis	57	TOH PHILIPS ECG
S-T Horizontal Axis	45	TOH PHILIPS ECG
S-T Front Axis	58	TOH PHILIPS ECG
ECG Severity	- OTHERWISE NORMAL ECG -	TOH PHILIPS ECG
TOHFM Link	TOHFM/20220930/TRACEMASTER-185e35af-659a-4009-b2e0-05f99a996e68.PDF	TOH PHILIPS ECG

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			26/09/2022 11:10 AM EDT	

Narrative

This result has an attachment that is not available.

Authorizing Provider	Result Type
Arif Ali Awan	ECG ORDERABLES

Performing Organization	Address	City/State/ZIP Code	Phone Number
TOH PHILIPS ECG			

URINALYSIS - Final result (26/09/2022 11:00 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	1.005 - 1.030			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 examination not performed as chemical testing (blood, protein, nitrite, leucocyte esterase) was within normal limits.

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Urine			26/09/2022 11:00 AM	26/09/2022 11:08 AM

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

(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.

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)			26/09/2022 10:55 AM EDT	26/09/2022 11:13 AM EDT

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
PO4	1.02	0.78 - 1.38 mmol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			26/09/2022 10:55 AM EDT	26/09/2022 11:13 AM EDT

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	6.2	4.0 - 11.0 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time	Received Time	
Blood				26/09/2022 10:55 AM EDT	26/09/2022 11:13 AM EDT	
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 Location / Laterality	Collection Method / Volume		Collection Time	Received Time	
Blood				26/09/2022 10:55 AM EDT	26/09/2022 11:14 AM EDT	
Authorizing Provider	Result Type					
Arif Ali Awan	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	
HCT	0.359 (L)	0.380 - 0.500 L/L			EORLA	
MCV	94.7	80.0 -			EORLA	

MCH	30.3	100.0 fL 27.0 - 34.0 pg	EORLA
MCHC	320	315 - 355 g/L	EORLA
RDW	13.0	11.5 - 15.5 %	EORLA
Plat	343	130 - 380 x10 ⁹ /L	EORLA
MPV	8.6 (L)	9.0 - 14.0 fL	EORLA
NRBC/100 WBC	0.0		EORLA
NRBC #	0.00	0.00 - 0.00 x10 ⁹ /L	EORLA

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			26/09/2022 10:55 AM EDT	26/09/2022 11:14 AM EDT
Authorizing Provider	Result Type			
Arif Ali Awan	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

URIC ACID (URATE) - Final result (26/09/2022 10:55 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Uric Acid	270	208 - 400 umol/L			EORLA	
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						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Urea	6.0	3.3 - 8.9 mmol/L			EORLA	
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			

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	13	12 - 49 U/L			EORLA	

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			

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
AST	15	12 - 29 U/L			EORLA	

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			

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Protein Total	74	63 - 75 g/L			EORLA	

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			

ALKALINE PHOSPHATASE (ALP) - Final result (26/09/2022 10:55 AM EDT)

Ref	Analysis	Performed
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Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	72	50 - 112 U/L			EORLA	
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						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.69	0.66 - 1.07 mmol/L			EORLA	
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						

(ABNORMAL) LACTATE DEHYDROGENASE - Final result (26/09/2022 10:55 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
LD	272 (H)	99 - 186 U/L			EORLA	
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)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Ca	2.40	2.24 - 2.58 mmol/L			EORLA	
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						

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L			EORLA	
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						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Albumin	39	39 - 47 g/L			EORLA	
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						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	139	136 - 144 mmol/L			EORLA	
K	4.6	3.5 - 5.1 mmol/L			EORLA	
Cl	100	98 - 107 mmol/L			EORLA	
CO2	32 (H)	19 - 30 mmol/L			EORLA	
Anion Gap	7 (L)	8 - 16 mmol/L			EORLA	

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

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

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

Impressions

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

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

Juvel Lee, PGY 3

For report clarification: rads@toh.ca

Narrative

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

CT SCAN OF THE NECK

CLINICAL HISTORY: "research"

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

COMPARISON: August 9, 2022.

FINDINGS:

Ulcerated ill-defined heterogeneously 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 heterogeneously 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 x 1.5 cm versus 1.3 x 1.3 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.

Procedure Note

Nader Zakhari Rizk Zakhari - 19/09/2022

Formatting of this note might be different from the original.

CT SCAN OF THE NECK

CLINICAL HISTORY: "research"

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

COMPARISON: August 9, 2022.

FINDINGS:

Ulcerated ill-defined heterogeneously 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.

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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

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

Anatomical Region	Laterality	Modality
Chest		Computed Tomography

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			12/09/2022 10:55 PM EDT	

Impressions

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

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

For report clarification: rads@toh.ca

Narrative

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

CT CHEST WITH CONTRAST (ROUTINE)

INDICATION: research
 COMPARISON: CT chest 8/9/2022

LUNGS & AIRWAYS: Slightly increased groundglass opacity at the right lung base (for example series 4, image 238). Similarly, groundglass opacity in the left upper lobe and lingula has also slightly increased. Other areas are comparable.
 LYMPH NODES & MEDIASTINUM: Slight increase in size of right axillary node now measuring 19 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.

Procedure Note

Anuj Sharan Dixit - 12/09/2022

Formatting of this note might be different from the original.
 CT CHEST WITH CONTRAST (ROUTINE)

INDICATION: research
 COMPARISON: CT chest 8/9/2022

LUNGS & AIRWAYS: Slightly increased groundglass opacity at the right lung base (for example series 4, image 238). Similarly, groundglass opacity in the left upper lobe and lingula has also slightly increased. Other areas are comparable.
 LYMPH NODES & MEDIASTINUM: Slight increase in size of right axillary node now measuring 19 x 35 mm (previously 19 x 32 mm). A few borderline enlarged intrathoracic lymph nodes are comparable.
 PLEURA & PERICARDIUM: Unremarkable.
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 ESOPHAGUS & NECK: Small hiatal hernia. CT neck reported separately.
 UPPER ABDOMEN: CT abdomen reported separately.
 BONES & CHEST WALL: Mild hypertrophic degenerative changes of the spine. Comparable nonaggressive sclerotic foci of the spine.

IMPRESSION:

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

For report clarification: rads@toh.ca

Authorizing Provider Result Type
Arif Ali Awan IMG CT PROCEDURES

Performing Organization Address City/State/ZIP Code Phone Number
ATL POWERSCRIBE

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

Anatomical Region Laterality Modality
Body, Abdomen, Pelvis, Y Computed Tomography

Specimen (Source) Anatomical Location / Laterality Collection Method / Volume Collection Time Received Time
09/09/2022 7:46 AM EDT

Impressions

ATL POWERSCRIBE - 09/09/2022 7:49 AM EDT
Interval enlargement of a solitary hepatic metastasis.

For report clarification: rads@toh.ca

Narrative

ATL POWERSCRIBE - 09/09/2022 7:49 AM EDT
CT ABDOMEN & PELVIS

INDICATION: Oropharyngeal cancer, research.
TECHNIQUE: Routine portal venous phase contrast-enhanced evaluation. Oral contrast was not given.
COMPARISON: CT May 13, 2022.

HEPATOBIILIARY SYSTEM:

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

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

Pancreas: No important abnormality.

GASTROINTESTINAL TRACT: No important abnormality.

GENITOURINARY SYSTEM:

Adrenals: No important abnormality.

Kidneys / Ureters: No important abnormality.

Urinary Bladder: No important abnormality.

Reproductive Organs: Prostatomegaly.

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

PERITONEUM, RETROPERITONEUM & MESENTERY: No important abnormality.

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

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

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

Procedure Note

Geoffrey Paul Doherty - 09/09/2022

Formatting of this note might be different from the original.

CT ABDOMEN & PELVIS

INDICATION: Oropharyngeal cancer, research.
TECHNIQUE: Routine portal venous phase contrast-enhanced evaluation. Oral contrast was not given.
COMPARISON: CT May 13, 2022.

HEPATOBIILIARY SYSTEM:

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

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

Pancreas: No important abnormality.

GASTROINTESTINAL TRACT: No important abnormality.

GENITOURINARY SYSTEM:

Adrenals: No important abnormality.

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

LYMPHATIC SYSTEM: No important abnormality of the spleen. No lymphadenopathy.
 PERITONEUM, RETROPERITONEUM & MESENTERY: No important abnormality.
 VESSELS & OTHER: There is a degree of abdominal aortic atherosclerosis, with no abnormal infrarenal dilatation. No venous abnormality.
 BONES / BODY WALL: No important bony abnormality. No body wall abnormality.
 LOWER THORAX (lung bases, heart): CT chest reported separately.

 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	
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	TOH PHILIPS ECG
I-40 Horizontal Axis	43	TOH PHILIPS ECG
I-40 Front Axis	-18	TOH PHILIPS ECG
T-40 Horizontal Axis	-44	TOH PHILIPS ECG
T-40 Front Axis	54	TOH PHILIPS ECG
T Horizontal Axis	47	TOH PHILIPS ECG
T Wave Axis	46	TOH PHILIPS ECG
S-T Horizontal Axis	61	TOH PHILIPS ECG
S-T Front Axis	77	TOH PHILIPS ECG
ECG Severity	- NORMAL ECG -	TOH PHILIPS ECG
TOHFM Link	TOHFM/20220911/TRACEMASTER- 25276519-7868-43b6-9179- 37cf70826406.PDF	TOH PHILIPS ECG

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			06/09/2022 11:08 AM EDT	

Narrative

This result has an attachment that is not available.

Authorizing Provider	Result Type
Arif Ali Awan	ECG ORDERABLES

Performing Organization	Address	City/State/ZIP Code	Phone Number
TOH PHILIPS ECG			

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Cast Type Urine	Hyaline				EORLA	
Cast Quantitation	<5 (A)	/LPF			EORLA	

Urine/LPF

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Urine			06/09/2022 11:00 AM EDT	06/09/2022 11:38 AM EDT
Authorizing Provider	Result Type			
Arif Ali Awan	LAB URINE ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

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

Comment:

An eGFR result between 60-89 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)			06/09/2022 10:55 AM EDT	06/09/2022 11:43 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 (06/09/2022 10:55 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
PO4	1.14	0.78 - 1.38 mmol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	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 ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	7.0	4.0 - 11.0 mmol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	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 ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 x10 ⁹ /L	EORLA
Immature Granulocyte	0.0	<=0.1 x10 ⁹ /L	EORLA

Specimen (Source)	Anatomical Location / Laterality	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 ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Hepatitis B Core Total Antibody	Non-Reactive				EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			06/09/2022 10:55 AM EDT	06/09/2022 3:12 PM EDT		
Authorizing Provider	Result Type					
Arif Ali Awan	ATL LAB PHL ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

HEPATITIS B SURFACE ANTIGEN - Final result (06/09/2022 10:55 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Hepatitis B Surface Antigen	Non-Reactive				EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time	Received Time	
Blood (Blood, Venous)				06/09/2022 10:55 AM EDT	06/09/2022 3:12 PM EDT	
Authorizing Provider	Result Type					
Arif Ali Awan	ATL LAB PHL ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	11.3 (H)	3.5 - 10.5 x10 ⁹ /L			EORLA	
RBC	4.12	4.00 - 5.50 x10 ¹² /L			EORLA	
HGB	123 (L)	125 - 170 g/L			EORLA	
HCT	0.390	0.380 - 0.500 L/L			EORLA	
MCV	94.7	80.0 - 100.0 fL			EORLA	
MCH	29.9	27.0 - 34.0 pg			EORLA	
MCHC	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 Location / Laterality	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

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

Component	Value	Range	Test Method	Time	At	Pathologist Signature
Uric Acid	253	208 - 400 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality		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 ORDERABLES					
Performing Organization	Address		City/State/ZIP Code	Phone Number		
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Urea	5.9	3.3 - 8.9 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality		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 ORDERABLES					
Performing Organization	Address		City/State/ZIP Code	Phone Number		
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	12	12 - 49 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality		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 ORDERABLES					
Performing Organization	Address		City/State/ZIP Code	Phone Number		
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
AST	15	12 - 29 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality		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 ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Protein Total	77 (H)	63 - 75 g/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	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 ORDERABLES

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

ALKALINE PHOSPHATASE (ALP) - Final result (06/09/2022 10:55 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	80	50 - 112 U/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	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 ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.68	0.66 - 1.07 mmol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	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 ORDERABLES

Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						
(ABNORMAL) LACTATE DEHYDROGENASE - Final result (06/09/2022 10:55 AM EDT)						
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
LD	284 (H)	99 - 186 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Ca	2.48	2.24 - 2.58 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	6	<=15 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Albumin	43	39 - 47 g/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

(ABNORMAL) ELECTROLYTE PANEL (ELECTROLYTES) - Final result (06/09/2022 10:55 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	136	136 - 144 mmol/L			EORLA	
K	4.7	3.5 - 5.1 mmol/L			EORLA	
Cl	96 (L)	98 - 107 mmol/L			EORLA	
CO2	31 (H)	19 - 30 mmol/L			EORLA	
Anion Gap	9	8 - 16 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

HUMAN IMMUNODEFICIENCY VIRUS (HIV) SEROLOGY (ROUTINE) - Final result (06/09/2022 10:44 AM EDT)

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time	Received Time	
Blood				06/09/2022 10:44 AM EDT	06/09/2022 12:29 PM EDT	

Narrative

EORLA - 08/09/2022 8:27 AM EDT

Final Report:

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HIV-1/2 Ag/Ab Combo Screen NONREACTIVE

Interpretation: HIV p24 antigen NOT detected. HIV-1/HIV-2 antibodies NOT detected.

Testing performed at Public Health Ontario Laboratories, 181 Barrie Street, Kingston, ON, K7L 3K2 (855-546-4745)

Authorizing Provider	Result Type
Generic Orders Provider	LAB MICROBIOLOGY - GENERAL ORDERABLES

EORLA

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

Anatomical Region Laterality Modality

Neck Computed Tomography

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 69).

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

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

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

Please see separate CT chest report.

Procedure Note

Michael Steven Kingstone - 12/08/2022

Formatting of this note might be different from the original.

CT SCAN OF THE NECK

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

COMPARISON: Neck CT May 13, 2022.

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

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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 69).

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

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

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

Please see separate CT chest report.

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		Computed Tomography		
Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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

Carole J. Dennie - 13/08/2022

Formatting of this note might be different from the original.
CT THORAX WITH CONTRAST (ROUTINE)

INDICATION: Recurrent base of tongue cancer. ? Response to immunotherapy.
COMPARISON: May 13, 2022

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

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

ESOPHAGUS & Neck: Unremarkable esophagus. CT neck is reported separately.
BONES & CHEST WALL: Unremarkable.
DIAPHRAGM:Unremarkable
UPPER ABDOMEN: Unremarkable.

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)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	73	50 - 112 U/L			EORLA	
ALT	12	12 - 49 U/L			EORLA	
AST	20	12 - 29 U/L			EORLA	
GGT	15	11 - 105 U/L			EORLA	
Bilirubin Total	4	<=15 umol/L			EORLA	

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

29/07/2022 3:54 PM EDT 29/07/2022 6:44 PM EDT

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

GLUCOSE RANDOM - Final result (29/07/2022 3:54 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	5.7	4.0 - 11.0 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
EORLA			

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood			29/07/2022 3:54 PM EDT	29/07/2022 4:03 PM EDT		

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	112 (H)	62 - 100			EORLA	

umol/L

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			29/07/2022 3:54 PM EDT	29/07/2022 4:02 PM EDT
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	
HCT	0.346 (L)	0.380 - 0.500 L/L			EORLA	
MCV	94.8	80.0 - 100.0 fL			EORLA	
MCH	31.0	27.0 - 34.0 pg			EORLA	
MCHC	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 Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			29/07/2022 3:54 PM EDT	29/07/2022 4:03 PM EDT
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	2.02	0.27 - 4.20			EORLA	

mIU/L

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.64 (L)	0.66 - 1.07 mmol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			29/07/2022 3:54 PM EDT	29/07/2022 4:02 PM EDT
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
CK	214	52 - 256 U/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			29/07/2022 3:54 PM EDT	29/07/2022 4:02 PM EDT
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	6.6	4.0 - 11.0 mmol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			30/06/2022 10:35 AM EDT	30/06/2022 10:42 AM EDT

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			30/06/2022 10:35 AM EDT	30/06/2022 10:42 AM EDT

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

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

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

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			30/06/2022 10:35 AM EDT	30/06/2022 10:42 AM EDT

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
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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
HCT	0.381	0.380 - 0.500 L/L	EORLA
MCV	95.0	80.0 - 100.0 fL	EORLA
MCH	31.2	27.0 - 34.0 pg	EORLA
MCHC	328	315 - 355 g/L	EORLA
RDW	13.0	11.5 - 15.5 %	EORLA
Plat	296	130 - 380 x10 ⁹ /L	EORLA
MPV	8.9 (L)	9.0 - 14.0 fL	EORLA
NRBC/100 WBC	0.0		EORLA
NRBC #	0.00	0.00 - 0.00 x10 ⁹ /L	EORLA

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			30/06/2022 10:35 AM EDT	30/06/2022 10:42 AM EDT
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	12	12 - 49 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			30/06/2022 10:35 AM EDT	30/06/2022 10:42 AM EDT		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Ref	Analysis	Performed

Component	Value	Range	Test Method	Time	At	Pathologist Signature
TSH	1.70	0.27 - 4.20 mIU/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time		Received Time
Blood (Blood, Venous)				30/06/2022 10:35 AM EDT		30/06/2022 10:42 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

ALKALINE PHOSPHATASE (ALP) - Final result (30/06/2022 10:35 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	78	50 - 112 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time		Received Time
Blood (Blood, Venous)				30/06/2022 10:35 AM EDT		30/06/2022 10:42 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.65 (L)	0.66 - 1.07 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time		Received Time
Blood (Blood, Venous)				30/06/2022 10:35 AM EDT		30/06/2022 10:42 AM EDT
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
CK	113	52 - 256			EORLA	

U/L

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			30/06/2022 10:35 AM EDT	30/06/2022 10:42 AM EDT
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	5	<=15 umol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			30/06/2022 10:35 AM EDT	30/06/2022 10:42 AM EDT
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

TSH - Final result (06/06/2022 10:07 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	1.39	0.27 - 4.20 mIU/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			06/06/2022 10:07 AM EDT	06/06/2022 11:29 AM EDT
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

GLUCOSE RANDOM - Final result (06/06/2022 10:07 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	5.7	4.0 - 11.0 mmol/L			EORLA	

Anatomical Location / Collection Method /

Specimen (Source)	Laterality	Volume	Collection Time	Received Time
Blood			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				

(ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (06/06/2022 10:07 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			06/06/2022 10:07 AM EDT	06/06/2022 11:33 AM EDT
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

CREATININE - Final result (06/06/2022 10:07 AM EDT)

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

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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				

(ABNORMAL) CBC - Final result (06/06/2022 10:07 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	
HCT	0.373 (L)	0.380 - 0.500 L/L			EORLA	
MCV	96.4	80.0 - 100.0 fL			EORLA	
MCH	31.0	27.0 - 34.0 pg			EORLA	
MCHC	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 Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			06/06/2022 10:07 AM EDT	06/06/2022 11:33 AM EDT
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

(ABNORMAL) ALT - Final result (06/06/2022 10:07 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	7 (L)	12 - 49 U/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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				

ALKALINE PHOSPHATASE (ALP) - Final result (06/06/2022 10:07 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	79	50 - 112 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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						

CK - Final result (06/06/2022 10:07 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
CK	136	52 - 256 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	3	<=15 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
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Na	141	136 - 144 mmol/L	EORLA
K	4.8	3.5 - 5.1 mmol/L	EORLA
Cl	102	98 - 107 mmol/L	EORLA
CO2	29	19 - 30 mmol/L	EORLA
Anion Gap	10	8 - 16 mmol/L	EORLA

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 CONTRAST - Final result (13/05/2022 9:00 AM EDT)

Anatomical Region	Laterality	Modality
Neck		Computed Tomography

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			18/05/2022 8:53 AM EDT	

Impressions

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

- 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

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

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#####"#####" ATTENTION "#####"#####
##### SIGNIFICANT OR UNEXPECTED #####
#####_ RADIOLOGIC FINDING _#####
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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 lingual tonsils likely from posttreatment changes, comparable to prior. Increased thickening of the glottic and subglottic tissues likely from post treatment changes.

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

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

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

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

CT of the chest is reported separately.

Procedure Note

Eduardo Portela de Oliveira - 18/05/2022

Formatting of this note might be different from the original.

"ATTENTION" #####
SIGNIFICANT OR UNEXPECTED #####
#####_RADIOLOGIC FINDING_#####

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 lingual 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 CONTRAST - Final result (13/05/2022 9:00 AM EDT)

Anatomical Region	Laterality	Modality		
Chest		Computed Tomography		
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			16/05/2022 11:22 AM EDT	

Impressions

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

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

For report clarification: rads@toh.ca

Narrative

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

CT THORAX WITH CONTRAST (ROUTINE)

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

COMPARISON: January 13, 2022

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

TRACHEOBRONCHIAL TREE: Unremarkable.

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

PLEURA & PERICARDIUM: Unremarkable.

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

ESOPHAGUS & Neck: Lower neck is unremarkable.

BONES & CHEST WALL: Unremarkable.

UPPER ABDOMEN: CT abdomen reported separately.

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

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

Anatomical Region	Laterality	Modality
Body, Abdomen, Pelvis, Y		Computed Tomography

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			16/05/2022 5:41 PM EDT	

Impressions

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

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

For report clarification: rads@toh.ca

Narrative

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

CT ABDOMEN & PELVIS

INDICATION: Age: 68 years old; Male, "stage 4 H/N cancer. ? Response to immunotherapy and radiation"

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

COMPARISON: Prior CT abdomen pelvis January 13, 2022

HEPATOBIILIARY SYSTEM:

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

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

Pancreas: No important abnormality.

GASTROINTESTINAL TRACT: No important abnormality.

GENITOURINARY SYSTEM:

Adrenals: No important abnormality.

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

Urinary Bladder: No important abnormality.

Reproductive Organs: Prostatomegaly

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

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

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

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

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

Procedure Note

David Blair MacDonald - 16/05/2022

Formatting of this note might be different from the original.
CT ABDOMEN & PELVIS

INDICATION: Age: 68 years old; Male, "stage 4 H/N cancer. ? Response to immunotherapy and radiation"

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

COMPARISON: Prior CT abdomen pelvis January 13, 2022

HEPATOBIILIARY 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)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	7.4	4.0 - 11.0 mmol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			09/05/2022 10:15 AM EDT	09/05/2022 10:33 AM EDT

Authorizing Provider	Result Type
Michael MacDonald Vickers	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Neutrophil	5.5	2.0 - 7.5 x10 ⁹ /L			EORLA	
Lymphocyte	0.9	0.8 - 3.5 x10 ⁹ /L			EORLA	
Monocyte	0.6	0.1 - 1.0 x10 ⁹ /L			EORLA	
Eosinophil	0.2	0.0 - 0.5 x10 ⁹ /L			EORLA	
Basophil	0.0	0.0 - 0.1 x10 ⁹ /L			EORLA	
Immature Granulocyte	0.0	<=0.1 x10 ⁹ /L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			09/05/2022 10:15 AM EDT	09/05/2022 10:34 AM EDT
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	84	62 - 100 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC		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	
HCT	0.341 (L)	0.380 - 0.500 L/L			EORLA	
MCV	95.0	80.0 -			EORLA	

MCH	30.9	100.0 fL 27.0 - 34.0 pg	EORLA
MCHC	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 Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	12	12 - 49 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	1.71	0.27 - 4.20 mIU/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
EORLA			
ALKALINE PHOSPHATASE (ALP) - Final result (09/05/2022 10:15 AM EDT)			
Component	Value	Ref Range	Test Method
ALP	69	50 - 112 U/L	
			Analysis Time
			Performed At
			Pathologist Signature
			EORLA
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time
Blood (Blood, Venous)			09/05/2022 10:15 AM EDT
			Received Time
			09/05/2022 10:33 AM EDT
Authorizing Provider	Result Type		
Michael MacDonald Vickers	LAB BLOOD ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
EORLA			
CK - Final result (09/05/2022 10:15 AM EDT)			
Component	Value	Ref Range	Test Method
CK	148	52 - 256 U/L	
			Analysis Time
			Performed At
			Pathologist Signature
			EORLA
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time
Blood (Blood, Venous)			09/05/2022 10:15 AM EDT
			Received Time
			09/05/2022 10:33 AM EDT
Authorizing Provider	Result Type		
Michael MacDonald Vickers	LAB BLOOD ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
EORLA			
BILIRUBIN, TOTAL - Final result (09/05/2022 10:15 AM EDT)			
Component	Value	Ref Range	Test Method
Bilirubin Total	7	<=15 umol/L	
			Analysis Time
			Performed At
			Pathologist Signature
			EORLA
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time
Blood (Blood, Venous)			09/05/2022 10:15 AM EDT
			Received Time
			09/05/2022 10:33 AM EDT
Authorizing Provider	Result Type		
Michael MacDonald Vickers	LAB BLOOD ORDERABLES		

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

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (09/05/2022 10:15 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	138	136 - 144 mmol/L			EORLA	
K	4.6	3.5 - 5.1 mmol/L			EORLA	
Cl	102	98 - 107 mmol/L			EORLA	
CO2	28	19 - 30 mmol/L			EORLA	
Anion Gap	8	8 - 16 mmol/L			EORLA	

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

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	6.1	4.0 - 11.0 mmol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			11/04/2022 9:45 AM EDT	11/04/2022 10:00 AM EDT

Authorizing Provider	Result Type
Michael MacDonald Vickers	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Neutrophil	7.3	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	0.2	0.0 - 0.5			EORLA	

x10^9/L

Basophil	0.0	0.0 - 0.1 x10^9/L	EORLA
Immature Granulocyte	0.0	<=0.1 x10^9/L	EORLA

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

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	8.9	3.5 - 10.5 x10^9/L			EORLA	
RBC	3.73 (L)	4.00 - 5.50 x10^12/L			EORLA	
HGB	116 (L)	125 - 170 g/L			EORLA	
HCT	0.359 (L)	0.380 - 0.500 L/L			EORLA	
MCV	96.2	80.0 - 100.0 fL			EORLA	
MCH	31.1	27.0 - 34.0 pg			EORLA	
MCHC	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 Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			11/04/2022 9:45 AM EDT	11/04/2022 10:00 AM EDT

Authorizing Provider	Result Type
Michael MacDonald Vickers	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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)			11/04/2022 9:45 AM EDT	11/04/2022 10:00 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 (11/04/2022 9:45 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	1.39	0.27 - 4.20 mIU/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			11/04/2022 9:45 AM EDT	11/04/2022 10:00 AM EDT

Authorizing Provider	Result Type
Michael MacDonald Vickers	LAB BLOOD ORDERABLES

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

ALKALINE PHOSPHATASE (ALP) - Final result (11/04/2022 9:45 AM EDT)

Ref	Analysis	Performed

Component	Value	Range	Test Method	Time	At	Pathologist Signature
ALP	73	50 - 112 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			11/04/2022 9:45 AM EDT	11/04/2022 10:00 AM EDT		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
CK	120	52 - 256 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			11/04/2022 9:45 AM EDT	11/04/2022 10:00 AM EDT		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

BILIRUBIN, TOTAL - Final result (11/04/2022 9:45 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			11/04/2022 9:45 AM EDT	11/04/2022 10:00 AM EDT		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (11/04/2022 9:45 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	141	136 - 144 mmol/L			EORLA	

K	4.3	3.5 - 5.1 mmol/L	EORLA
Cl	103	98 - 107 mmol/L	EORLA
CO2	29	19 - 30 mmol/L	EORLA
Anion Gap	9	8 - 16 mmol/L	EORLA

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			11/04/2022 9:45 AM EDT	11/04/2022 10:00 AM EDT

Authorizing Provider	Result Type
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)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			11/04/2022 9:45 AM EDT	11/04/2022 10:00 AM EDT

Authorizing Provider	Result Type
Marc Gaudet	LAB BLOOD ORDERABLES

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

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

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

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			11/03/2022 10:26 AM EST	11/03/2022 10:33 AM EST
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			11/03/2022 10:26 AM EST	11/03/2022 10:33 AM EST
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	84	62 - 100 umol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			11/03/2022 10:26 AM EST	11/03/2022 10:33 AM EST
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	
HCT	0.353 (L)	0.380 - 0.500 L/L			EORLA	
MCV	95.1	80.0 - 100.0 fL			EORLA	
MCH	31.5	27.0 - 34.0 pg			EORLA	
MCHC	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 Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			11/03/2022 10:26 AM EST	11/03/2022 10:33 AM EST
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	8 (L)	12 - 49 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			11/03/2022 10:26 AM EST	11/03/2022 10:33 AM EST		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	1.83	0.27 - 4.20 mIU/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			11/03/2022 10:26 AM EST	11/03/2022 10:33 AM EST		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

ALKALINE PHOSPHATASE (ALP) - Final result (11/03/2022 10:26 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	72	50 - 112 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			11/03/2022 10:26 AM EST	11/03/2022 10:33 AM EST		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
CK	92	52 - 256 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			11/03/2022 10:26 AM EST	11/03/2022 10:33 AM 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)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality		Collection Method / Volume	Collection Time	Received Time	
Blood (Blood, Venous)				11/03/2022 10:26 AM EST	11/03/2022 10:33 AM EST	
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code		Phone Number		
EORLA						

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (11/03/2022 10:26 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	140	136 - 144 mmol/L			EORLA	
K	4.7	3.5 - 5.1 mmol/L			EORLA	
Cl	101	98 - 107 mmol/L			EORLA	
CO2	29	19 - 30 mmol/L			EORLA	
Anion Gap	10	8 - 16 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality		Collection Method / Volume	Collection Time	Received Time	
Blood (Blood, Venous)				11/03/2022 10:26 AM EST	11/03/2022 10:33 AM EST	
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code		Phone Number		
EORLA						

TRANSTHORACIC ECHO (TTE) COMPLETE (24/02/2022 7:53 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
EF	68.7				ATL XCELERA MUSE MCKESSON	
Anatomical Region	Laterality	Modality				
		Ultrasound				
Specimen (Source)	Anatomical Location / Laterality		Collection Method / 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	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	6.3	4.0 - 11.0 mmol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			17/01/2022 10:40 AM EST	17/01/2022 1:29 PM EST

Authorizing Provider	Result Type
Michael MacDonald Vickers	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Neutrophil	5.9	2.0 - 7.5 $\times 10^9/L$			EORLA	
Lymphocyte	0.9	0.8 - 3.5 $\times 10^9/L$			EORLA	
Monocyte	0.5	0.1 - 1.0 $\times 10^9/L$			EORLA	
Eosinophil	0.5	0.0 - 0.5 $\times 10^9/L$			EORLA	
Basophil	0.0	0.0 - 0.1 $\times 10^9/L$			EORLA	
Immature Granulocyte	0.0	≤ 0.1 $\times 10^9/L$			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			17/01/2022 10:40 AM EST	17/01/2022 10:47 AM EST

Authorizing Provider	Result Type
Michael MacDonald Vickers	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	84	62 - 100 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality		Collection Method / Volume	Collection Time		Received Time
Blood (Blood, Venous)				17/01/2022 10:40 AM EST		17/01/2022 10:47 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code		Phone Number		
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	
HCT	0.370 (L)	0.380 - 0.500 L/L			EORLA	
MCV	97.1	80.0 - 100.0 fL			EORLA	
MCH	32.3	27.0 - 34.0 pg			EORLA	
MCHC	332	315 - 355 g/L			EORLA	
RDW	12.8	11.5 - 15.5 %			EORLA	
Plat	275	130 - 380 x10 ⁹ /L			EORLA	
MPV	8.6 (L)	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10 ⁹ /L			EORLA	

Specimen (Source)	Anatomical Location / Laterality		Collection Method / Volume	Collection Time		Received Time
Blood (Blood, Venous)				17/01/2022 10:40 AM EST		17/01/2022 10:47 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code		Phone Number		
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	11 (L)	12 - 49 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			17/01/2022 10:40 AM EST	17/01/2022 10:47 AM EST		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	2.94	0.27 - 4.20 mIU/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			17/01/2022 10:40 AM EST	17/01/2022 10:47 AM EST		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	76	50 - 112 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			17/01/2022 10:40 AM EST	17/01/2022 10:47 AM 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 (17/01/2022 10:40 AM EST)

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

Component	Value	Range	Test Method	Time	At	Pathologist Signature
Bilirubin Total	5	<=15 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality		Collection Method / Volume	Collection Time	Received Time	
Blood (Blood, Venous)				17/01/2022 10:40 AM EST	17/01/2022 10:47 AM EST	
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code		Phone Number		
EORLA						

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (17/01/2022 10:40 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	141	136 - 144 mmol/L			EORLA	
K	4.5	3.5 - 5.1 mmol/L			EORLA	
Cl	101	98 - 107 mmol/L			EORLA	
CO2	29	19 - 30 mmol/L			EORLA	
Anion Gap	11	8 - 16 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality		Collection Method / Volume	Collection Time	Received Time	
Blood (Blood, Venous)				17/01/2022 10:40 AM EST	17/01/2022 10:47 AM EST	
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code		Phone Number		
EORLA						

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

Anatomical Region	Laterality	Modality				
Neck		Computed Tomography				
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
			13/01/2022 1:57 PM EST			

Impressions

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

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

Goncalo Manuel Fernandes Dos Santos, PGY 3

Narrative

ATL POWERSCRIBE - 13/01/2022 4:36 PM EST
CT SCAN OF THE NECK WITH CONTRAST

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

COMPARISON: CT neck dated October 5, 2021.

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

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.

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

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 (13/01/2022 12:39 PM EST)

Anatomical Region	Laterality	Modality		
Chest		Computed Tomography		
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			17/01/2022 10:42 AM EST	

Impressions

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

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

Thank you for the consultation.

For report clarification: rads@toh.ca

Narrative

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

CT THORAX WITH CONTRAST (ROUTINE)

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

COMPARISON: October 2021

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

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

PLEURA & PERICARDIUM: Unremarkable.

HEART & VESSELS: Severe coronary artery calcification is present.

ESOPHAGUS :Unremarkable.

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

UPPER ABDOMEN: CT abdomen reported separately.

Procedure Note

Jose Aquino - 17/01/2022

Formatting of this note might be different from the original.

CT THORAX WITH CONTRAST (ROUTINE)

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

COMPARISON: October 2021

LUNGS & AIRWAYS: Increasing patchy right bronchovascular groundglass opacities are seen. Stable right lower lobe pulmonary nodule image 139, right upper lobe micronodule image 110. No new worrisome parenchymal nodules are seen.
LYMPH NODES & MEDIASTINUM: Further enlargement in the left lower paratracheal now measuring 13 mm previously 11mm.
PLEURA & PERICARDIUM: Unremarkable.
HEART & VESSELS: Severe coronary artery calcification is present.
ESOPHAGUS :Unremarkable.
BONES & CHEST WALL: Stable degenerative changes seen within the thoracic spine.
UPPER ABDOMEN: CT abdomen reported separately.

IMPRESSION:

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

Thank you for the consultation.

For report clarification: rads@toh.ca

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

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

Anatomical Region	Laterality	Modality		
Body, Abdomen, Pelvis, Y		Computed Tomography		
Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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.
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

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

HEPATOBIILIARY 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 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

Shauna Duigenan - 17/01/2022

Formatting of this note might be different from the original.

CT ABDOMEN & PELVIS

INDICATION: Age: 67 years old; Male, "Stage 4 H/N cancer. ? response to immunotherapy."
TECHNIQUE: Routine portal venous phase contrast-enhanced evaluation. Oral contrast was not given.
COMPARISON: CT abdomen dated February 3, 2021

HEPATOBIILIARY 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			

Component	Value	Range	Test Method	Time	At	Pathologist Signature
Glucose Random	7.6	4.0 - 11.0 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time		Received Time
Blood				20/12/2021 11:30 AM EST		20/12/2021 2:27 PM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

(ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (20/12/2021 11:30 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 Location / Laterality	Collection Method / Volume		Collection Time		Received Time
Blood				20/12/2021 11:30 AM EST		20/12/2021 11:51 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	88	62 - 100 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time		Received Time
Blood (Blood, Venous)				20/12/2021 11:30 AM EST		20/12/2021 11:51 AM EST
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					

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

(ABNORMAL) CBC - Final result (20/12/2021 11:30 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	
HCT	0.339 (L)	0.380 - 0.500 L/L			EORLA	
MCV	92.9	80.0 - 100.0 fL			EORLA	
MCH	32.3	27.0 - 34.0 pg			EORLA	
MCHC	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 Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			20/12/2021 11:30 AM EST	20/12/2021 11:51 AM EST

Authorizing Provider	Result Type
Michael MacDonald Vickers	LAB BLOOD ORDERABLES

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

(ABNORMAL) ALT - Final result (20/12/2021 11:30 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	11 (L)	12 - 49 U/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			20/12/2021 11:30 AM EST	20/12/2021 11:51 AM EST

Authorizing Provider	Result Type
Michael MacDonald Vickers	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	2.06	0.27 - 4.20 mIU/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			20/12/2021 11:30 AM EST	20/12/2021 11:51 AM EST

Authorizing Provider	Result Type
Michael MacDonald Vickers	LAB BLOOD ORDERABLES

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

ALKALINE PHOSPHATASE (ALP) - Final result (20/12/2021 11:30 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	77	50 - 112 U/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			20/12/2021 11:30 AM EST	20/12/2021 11:51 AM EST

Authorizing Provider	Result Type
Michael MacDonald Vickers	LAB BLOOD ORDERABLES

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

BILIRUBIN, TOTAL - Final result (20/12/2021 11:30 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	6	<=15 umol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			20/12/2021 11:30 AM EST	20/12/2021 11:51 AM EST

Authorizing Provider	Result Type
Michael MacDonald Vickers	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	142	136 - 144 mmol/L			EORLA	
K	4.4	3.5 - 5.1 mmol/L			EORLA	
Cl	102	98 - 107 mmol/L			EORLA	
CO2	30	19 - 30 mmol/L			EORLA	
Anion Gap	10	8 - 16 mmol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			20/12/2021 11:30 AM EST	20/12/2021 11:51 AM EST

Authorizing Provider	Result Type
Michael MacDonald Vickers	LAB BLOOD ORDERABLES

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

(ABNORMAL) PSA FREE/TOTAL RATIO MONITOR - Final result (20/12/2021 12:00 AM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Prostate specific Ag	4.71 (H)	0 - 4.50 ug/L			OLIS	
Comment: Nature of Abnormal Test: A sex-based population						

Prostate Specific Antigen Free/Total Prostate Specific Antigen Ratio	0.19 (L)	>0.25			OLIS	
Comment: The following interpretation guidelines apply only when the Total PSA is 4.0 - 10.0 ug/L. Depending on disease prevalence and age, when the Free/Total PSA ratio is < 0.11, the probability of prostate cancer is 49-65%; when the Free/Total PSA ratio is >0.25, the probability of prostate cancer is 9-16%. Nature of Abnormal Test: An aged-based population						

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Serum			20/12/2021	20/12/2021

Narrative
OLIS - 20/12/2021 8:02 PM EST
 Patient Name on the order was WILSON RANDY JAMES

Authorizing Provider	Result Type
Michel Maalouf	LAB BLOOD ORDERABLES

Performing Organization	Address	City/State/ZIP Code	Phone Number

GLUCOSE RANDOM - Final result (22/11/2021 3:35 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	5.4	4.0 - 11.0 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood			22/11/2021 3:35 PM EST	22/11/2021 6:34 PM EST		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

AUTOMATED DIFFERENTIAL - Final result (22/11/2021 3:35 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Neutrophil	6.9	2.0 - 7.5 $\times 10^9/L$			EORLA	
Lymphocyte	1.0	0.8 - 3.5 $\times 10^9/L$			EORLA	
Monocyte	0.7	0.1 - 1.0 $\times 10^9/L$			EORLA	
Eosinophil	0.3	0.0 - 0.5 $\times 10^9/L$			EORLA	
Basophil	0.0	0.0 - 0.1 $\times 10^9/L$			EORLA	
Immature Granulocyte	0.0	≤ 0.1 $\times 10^9/L$			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

CREATININE - Final result (22/11/2021 3:35 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	87	62 - 100 $\mu\text{mol/L}$			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES
Vickers

Performing Organization Address City/State/ZIP Code Phone Number

EORLA

(ABNORMAL) CBC - Final result (22/11/2021 3:35 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	8.9	3.5 - 10.5 x10 ⁹ /L			EORLA	
RBC	3.69 (L)	4.00 - 5.50 x10 ¹² /L			EORLA	
HGB	121 (L)	125 - 170 g/L			EORLA	
HCT	0.360 (L)	0.380 - 0.500 L/L			EORLA	
MCV	97.6	80.0 - 100.0 fL			EORLA	
MCH	32.8	27.0 - 34.0 pg			EORLA	
MCHC	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 Location / Laterality Collection Method / Volume Collection Time 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 ORDERABLES
Vickers

Performing Organization Address City/State/ZIP Code Phone Number

EORLA

ALT - Final result (22/11/2021 3:35 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	13	12 - 49 U/L			EORLA	

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

Vickers

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

TSH - Final result (22/11/2021 3:35 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	2.11	0.27 - 4.20 mIU/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time	Received Time	
Blood (Blood, Venous)				22/11/2021 3:35 PM EST	22/11/2021 3:46 PM EST	
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					

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

ALKALINE PHOSPHATASE (ALP) - Final result (22/11/2021 3:35 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	74	50 - 112 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time	Received Time	
Blood (Blood, Venous)				22/11/2021 3:35 PM EST	22/11/2021 3:46 PM EST	
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					

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

BILIRUBIN, TOTAL - Final result (22/11/2021 3:35 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	6	<=15 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time	Received Time	
Blood (Blood, Venous)				22/11/2021 3:35 PM EST	22/11/2021 3:46 PM EST	
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					

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

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (22/11/2021 3:35 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	140	136 - 144 mmol/L			EORLA	
K	4.2	3.5 - 5.1 mmol/L			EORLA	
Cl	102	98 - 107 mmol/L			EORLA	
CO2	28	19 - 30 mmol/L			EORLA	
Anion Gap	10	8 - 16 mmol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			22/11/2021 3:35 PM EST	22/11/2021 3:46 PM EST

Authorizing Provider	Result Type
Michael MacDonald Vickers	LAB BLOOD ORDERABLES

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

POCT GLUCOSE (AUTO-UPLOADED) - Final result (27/10/2021 2:44 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose by POCT Glucose Meter	5.7	4.0 - 11.0 mmol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			27/10/2021 2:44 PM EDT	27/10/2021 2:44 PM EDT

Authorizing Provider	Result Type
Michael MacDonald Vickers	LAB POCT ORDERABLES - DEVICE

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	80	62 - 100 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	
HCT	0.355 (L)	0.380 - 0.500 L/L			EORLA	
MCV	100.0	80.0 - 100.0 fL			EORLA	
MCH	32.7	27.0 - 34.0 pg			EORLA	
MCHC	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	

Anatomical Location / Collection Method /

Specimen (Source)	Laterality	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 ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	10 (L)	12 - 49 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	1.47	0.27 - 4.20 mIU/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	69	50 - 112 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	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 ORDERABLES					

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

BILIRUBIN, TOTAL - Final result (25/10/2021 2:35 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	5	<=15 umol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	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 ORDERABLES

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

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (25/10/2021 2:35 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	139	136 - 144 mmol/L			EORLA	
K	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 Location / Laterality	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 ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Specimen Comment	NOT NEEDED				OLIS	

Comment:
FIT: Specimen Received 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)	Anatomical Location / Laterality	Collection Method / 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 derived from the provided Order date/time

Authorizing Provider	Result Type
Michel Maalouf	LAB BODY FLUIDS AND STOOLS ORDERABLES

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

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

Anatomical Region	Laterality	Modality
Neck		Computed Tomography

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			08/10/2021 11:12 AM EDT	

Impressions

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

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

For report clarification: rads@toh.ca

Narrative

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

CONTRAST-ENHANCED CT NECK

INDICATION:

stage 4 oropharyngeal cancer. ? Response to immunotherapy.

TECHNIQUE:

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

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

FINDINGS:

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

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

overall less pronounced than previous.

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

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

Procedure Note

Marlise Peruzzo Dos Santos - 08/10/2021

Formatting of this note might be different from the original.

CONTRAST-ENHANCED CT NECK

INDICATION:

stage 4 oropharyngeal cancer. ? Response to immunotherapy.

TECHNIQUE:

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

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

FINDINGS:

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

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

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

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

IMPRESSION:

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

For report clarification: rads@toh.ca

Authorizing Provider	Result Type
Michael MacDonald Vickers	IMG CT PROCEDURES

Performing Organization	Address	City/State/ZIP Code	Phone Number
ATL POWERSCRIBE			

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

Anatomical Region	Laterality	Modality
Chest		Computed Tomography

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			07/10/2021 4:30 PM EDT	

Impressions

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

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

For report clarification: rads@toh.ca

Narrative

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

CT THORAX WITH INTRAVENOUS CONTRAST

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

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

COMPARISON: June 2021

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

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

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

CARDIOVASCULAR: Unremarkable.

MEDIASTINUM & ESOPHAGUS : Unremarkable.

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

CATHETERS AND DEVICES:None

LOWER NECK:CT neck is reported separately.

UPPER ABDOMEN: Hepatic hypodensities likely representing cysts.

Procedure Note

Ashish Gupta - 07/10/2021

Formatting of this note might be different from the original.

CT THORAX WITH INTRAVENOUS CONTRAST

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

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

COMPARISON: June 2021

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

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

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

CARDIOVASCULAR: Unremarkable.

MEDIASTINUM & ESOPHAGUS : Unremarkable.

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

CATHETERS AND DEVICES:None

LOWER NECK:CT neck is reported separately.

UPPER ABDOMEN: Hepatic hypodensities likely representing cysts.

IMPRESSION:

-Interval enlargement of two left lower paratracheal lymph node.

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

For report clarification: rads@toh.ca

Authorizing Provider	Result Type
Michael MacDonald Vickers	IMG CT PROCEDURES

Performing Organization	Address	City/State/ZIP Code	Phone Number
ATL POWERSCRIBE			

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	5.4	4.0 - 11.0 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood			27/09/2021 10:29 AM	27/09/2021 1:41 PM EDT		

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			27/09/2021 10:29 AM EDT	27/09/2021 10:52 AM EDT

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	78	62 - 100 umol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			27/09/2021 10:29 AM EDT	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			

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
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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
HCT	0.332 (L)	0.380 - 0.500 L/L	EORLA
MCV	100.3 (H)	80.0 - 100.0 fL	EORLA
MCH	34.4 (H)	27.0 - 34.0 pg	EORLA
MCHC	343	315 - 355 g/L	EORLA
RDW	12.8	11.5 - 15.5 %	EORLA
Plat	247	130 - 380 x10 ⁹ /L	EORLA
MPV	8.8 (L)	9.0 - 14.0 fL	EORLA
NRBC/100 WBC	0.0		EORLA
NRBC #	0.00	0.00 - 0.00 x10 ⁹ /L	EORLA

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			27/09/2021 10:29 AM EDT	27/09/2021 10:52 AM EDT
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

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

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			27/09/2021 10:29 AM EDT	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)

Ref	Analysis	Performed

Component	Value	Range	Test Method	Time	At	Pathologist Signature
TSH	1.69	0.27 - 4.20 mIU/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			27/09/2021 10:29 AM EDT	27/09/2021 10:52 AM EDT		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

ALKALINE PHOSPHATASE (ALP) - Final result (27/09/2021 10:29 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	76	50 - 112 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			27/09/2021 10:29 AM EDT	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						

BILIRUBIN, TOTAL - Final result (27/09/2021 10:29 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			27/09/2021 10:29 AM EDT	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						

(ABNORMAL) ELECTROLYTE PANEL (ELECTROLYTES) - Final result (27/09/2021 10:29 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	139	136 - 144 mmol/L			EORLA	

K	5.2 (H)	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 Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			27/09/2021 10:29 AM EDT	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			

OCCULT BLOOD, STOOL - Final result (15/09/2021 1:08 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Specimen Comment	NOT NEEDED				OLIS	

Comment:

FIT: Specimen Not Received within 6 Months

Comment: Your patient did not return the FIT collection device within 6 months of the lab receiving the FIT requisition.

Action required for you: Complete a new FIT requisition for your patient. Please contact your patient to discuss the importance of colorectal cancer screening and address any questions or concerns they may have about the test.

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

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

Ancillary determined the test is not needed.

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Stool = Fecal			15/09/2021 1:08 AM EDT	15/09/2021 1:08 AM EDT

Narrative

OLIS - 15/09/2021 8:12 PM EDT

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

Authorizing Provider	Result Type
Michel Maalouf	LAB BODY FLUIDS AND STOOLS ORDERABLES

Performing Organization	Address	City/State/ZIP Code	Phone Number

TSH - Final result (30/08/2021 3:15 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	1.64	0.27 - 4.20 mIU/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			30/08/2021 3:15 PM EDT	30/08/2021 3:41 PM EDT		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

AUTOMATED DIFFERENTIAL - Final result (30/08/2021 3:15 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Neutrophil	5.8	2.0 - 7.5 $\times 10^9/L$			EORLA	
Lymphocyte	0.8	0.8 - 3.5 $\times 10^9/L$			EORLA	
Monocyte	0.6	0.1 - 1.0 $\times 10^9/L$			EORLA	
Eosinophil	0.0	0.0 - 0.5 $\times 10^9/L$			EORLA	
Basophil	0.0	0.0 - 0.1 $\times 10^9/L$			EORLA	
Immature Granulocyte	0.0	≤ 0.1 $\times 10^9/L$			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood			30/08/2021 3:15 PM EDT	30/08/2021 3:58 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 (30/08/2021 3:15 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	7.4	3.5 - 10.5 $\times 10^9/L$			EORLA	
RBC	3.07 (L)	4.00 - 5.50 $\times 10^{12}/L$			EORLA	
HGB	103 (L)	125 - 170 g/L			EORLA	

HCT	0.316 (L)	0.380 - 0.500 L/L	EORLA
MCV	102.9 (H)	80.0 - 100.0 fL	EORLA
MCH	33.6	27.0 - 34.0 pg	EORLA
MCHC	326	315 - 355 g/L	EORLA
RDW	13.9	11.5 - 15.5 %	EORLA
Plat	260	130 - 380 x10 ⁹ /L	EORLA
MPV	9.1	9.0 - 14.0 fL	EORLA
NRBC/100 WBC	0.0		EORLA
NRBC #	0.00	0.00 - 0.00 x10 ⁹ /L	EORLA

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

CREATININE - Final result (30/08/2021 3:15 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	74	62 - 100 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

(ABNORMAL) ALT - Final result (30/08/2021 3:15 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	7 (L)	12 - 49 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 LAB BLOOD ORDERABLES
Vickers

Performing Organization Address City/State/ZIP Code Phone Number

EORLA

ALP - Final result (30/08/2021 3:15 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	75	50 - 112 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time	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 ORDERABLES					

Performing Organization Address City/State/ZIP Code Phone Number

EORLA

BILIRUBIN, TOTAL - Final result (30/08/2021 3:15 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	5	<=15 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time	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 ORDERABLES					

Performing Organization Address City/State/ZIP Code Phone Number

EORLA

(ABNORMAL) ELECTROLYTE PANEL (ELECTROLYTES) - Final result (30/08/2021 3:15 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	137	136 - 144 mmol/L			EORLA	
K	4.4	3.5 - 5.1 mmol/L			EORLA	
Cl	102	98 - 107 mmol/L			EORLA	
CO2	28	19 - 30 mmol/L			EORLA	
Anion Gap	7 (L)	8 - 16 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time	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 ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
EORLA			

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	5.8	4.0 - 11.0 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality		Collection Method / Volume	Collection Time	Received Time	
Blood				03/08/2021 1:42 PM EDT	03/08/2021 2:22 PM EDT	

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Neutrophil	5.5	2.0 - 7.5 $\times 10^9/L$			EORLA	
Lymphocyte	0.9	0.8 - 3.5 $\times 10^9/L$			EORLA	
Monocyte	0.7	0.1 - 1.0 $\times 10^9/L$			EORLA	
Eosinophil	0.0	0.0 - 0.5 $\times 10^9/L$			EORLA	
Basophil	0.0	0.0 - 0.1 $\times 10^9/L$			EORLA	
Immature Granulocyte	0.0	≤ 0.1 $\times 10^9/L$			EORLA	
Specimen (Source)	Anatomical Location / Laterality		Collection Method / Volume	Collection Time	Received Time	
Blood				03/08/2021 1:42 PM EDT	03/08/2021 2:23 PM EDT	

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	79	62 - 100 umol/L			EORLA	

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	7.2	3.5 - 10.5 x10 ⁹ /L			EORLA	
RBC	3.04 (L)	4.00 - 5.50 x10 ¹² /L			EORLA	
HGB	102 (L)	125 - 170 g/L			EORLA	
HCT	0.311 (L)	0.380 - 0.500 L/L			EORLA	
MCV	102.3 (H)	80.0 - 100.0 fL			EORLA	
MCH	33.6	27.0 - 34.0 pg			EORLA	
MCHC	328	315 - 355 g/L			EORLA	
RDW	15.3	11.5 - 15.5 %			EORLA	
Plat	316	130 - 380 x10 ⁹ /L			EORLA	
MPV	8.9 (L)	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10 ⁹ /L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			03/08/2021 1:42 PM EDT	03/08/2021 2:23 PM EDT
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	8 (L)	12 - 49 U/L			EORLA	

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	1.72	0.27 - 4.20 mIU/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	76	50 - 112 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

BILIRUBIN, TOTAL - Final result (03/08/2021 1:42 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	6	<=15 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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
EORLA			

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (03/08/2021 1:42 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	138	136 - 144 mmol/L			EORLA	
K	4.6	3.5 - 5.1 mmol/L			EORLA	
Cl	99	98 - 107 mmol/L			EORLA	
CO2	29	19 - 30 mmol/L			EORLA	
Anion Gap	10	8 - 16 mmol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 Vickers	LAB BLOOD ORDERABLES			

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

AUTOMATED DIFFERENTIAL - Final result (05/07/2021 3:45 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			05/07/2021 3:45 PM EDT	05/07/2021 5:10 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 (05/07/2021 3:45 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	6.5	3.5 - 10.5 x10 ⁹ /L			EORLA	
RBC	2.96 (L)	4.00 - 5.50 x10 ¹² /L			EORLA	
HGB	101 (L)	125 - 170 g/L			EORLA	
HCT	0.295 (L)	0.380 - 0.500 L/L			EORLA	
MCV	99.7	80.0 - 100.0 fL			EORLA	
MCH	34.1 (H)	27.0 - 34.0 pg			EORLA	
MCHC	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	

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

GLUCOSE RANDOM - Final result (05/07/2021 3:45 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose Random	6.6	4.0 - 11.0 mmol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			05/07/2021 3:45 PM EDT	05/07/2021 8:03 PM EDT
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	75	62 - 100 umol/L			EORLA	

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
TSH	1.32	0.27 - 4.20 mIU/L			EORLA	

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.53 (L)	0.66 - 1.07 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (05/07/2021 3:45 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	139	136 - 144 mmol/L			EORLA	
K	4.1	3.5 - 5.1 mmol/L			EORLA	
Cl	99	98 - 107 mmol/L			EORLA	
CO2	26	19 - 30 mmol/L			EORLA	
Anion Gap	14	8 - 16 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Anatomical Region	Laterality	Modality				
Neck, Vascular		Computed Tomography				
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
			17/06/2021 1:12 PM EDT			

Impressions

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

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

Isabelle Danika Gauthier, PGY 2

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

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

COMPARISON: CT neck March 1621

FINDINGS:

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

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

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

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

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

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

The central airways are patent. CT Chest reported separately.

Procedure Note

Vered Priscilla Tsehmaster 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.

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 (14/06/2021 3:56 PM EDT)

Anatomical Region	Laterality	Modality
Chest		Computed Tomography

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			17/06/2021 2:13 PM EDT	

Impressions

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

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

For report clarification: rads@toh.ca

Narrative

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

CT THORAX WITH IV CONTRAST

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

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

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

LYMPH NODES & MEDIASTINUM: No thoracic lymph node enlargement.

PLEURA & PERICARDIUM: No pleural or pericardial effusion.

HEART & VESSELS: Severe coronary artery calcification.

ESOPHAGUS: Unremarkable.

LOWER NECK: CT neck reported separately.

BONES & CHEST WALL: Unremarkable.

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

Procedure Note

Robert Seung Heun Lim - 17/06/2021

Formatting of this note might be different from the original.

CT THORAX WITH IV CONTRAST

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

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

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

LYMPH NODES & MEDIASTINUM: No thoracic lymph node enlargement.

PLEURA & PERICARDIUM: No pleural or pericardial effusion.

HEART & VESSELS: Severe coronary artery calcification.

ESOPHAGUS: Unremarkable.

LOWER NECK: CT neck reported separately.

BONES & CHEST WALL: Unremarkable.

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

IMPRESSION:

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

For report clarification: rads@toh.ca

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Unit Number	C055521421487				CERNER TRANSFUSION MEDICINE	
Blood Product Code	E6050V00				CERNER TRANSFUSION MEDICINE	
Blood Expiration Date	202106292359				CERNER TRANSFUSION MEDICINE	
Unit ABORh Code	6200				CERNER TRANSFUSION MEDICINE	
Blood Product Name	Red Blood Cells				CERNER TRANSFUSION MEDICINE	
Unit Number	C055521423040				CERNER TRANSFUSION MEDICINE	
Blood Product Code	E6050V00				CERNER TRANSFUSION MEDICINE	
Blood Expiration Date	202106292359				CERNER TRANSFUSION MEDICINE	
Unit ABORh Code	6200				CERNER TRANSFUSION MEDICINE	
Blood Product Name	Red Blood Cells				CERNER TRANSFUSION MEDICINE	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			09/06/2021 10:02 AM EDT	

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

ABO RH CONFIRMATION - Final result (09/06/2021 8:15 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ABO Rh Confirmation	A POS				EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection 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	LAB BLOOD BANK TEST ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

(ABNORMAL) AUTOMATED DIFFERENTIAL - Final result (08/06/2021 9:38 AM EDT)

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 (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood			08/06/2021 9:38 AM EDT	08/06/2021 10:21 AM EDT		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	71	62 - 100 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES
Vickers

Performing Organization Address City/State/ZIP Code Phone Number

EORLA

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	
HCT	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	
MCHC	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	

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

Performing Organization Address City/State/ZIP Code Phone Number

EORLA

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	10 (L)	12 - 49 U/L			EORLA	

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

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.47 (L)	0.66 - 1.07 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time	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 ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
EORLA			

BILIRUBIN, TOTAL - Final result (08/06/2021 9:38 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	8	<=15 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time	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 ORDERABLES		

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

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (08/06/2021 9:38 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	138	136 - 144 mmol/L			EORLA	
K	4.1	3.5 - 5.1 mmol/L			EORLA	
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 Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES

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

ABO RH (TOH/UOHI) - Final result (08/06/2021 9:38 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ABO Rh	A POS				EORLA	

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

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

ANTIBODY SCREEN (TOH/UOHI) - Final result (08/06/2021 9:38 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Antibody Screen	Negative				EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 LAB BLOOD BANK TEST ORDERABLES
Vickers

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

HOURS SINCE LAST MEAL - Final result (02/06/2021 11:22 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Hours post prandial	0	hrs			OLIS	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Patient			02/06/2021 11:22 AM EDT	02/06/2021 11:22 AM EDT		

Narrative

OLIS - 02/06/2021 8:05 PM EDT
Patient Name on the order was WILSON RANDY JAMES

Authorizing Provider Result Type
Michel Maalouf LAB URINE ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Vitamin B12	358	>220 pmol/L			OLIS	

Comment:
DEFICIENCY: < 148 pmol/L
INSUFFICIENCY: 148 - 220 pmol/L
SUFFICIENCY: > 220 pmol/L
60% OF SYMPTOMATIC PATIENTS HAVE A
HEMATOLOGIC OR NEUROLOGIC RESPONSE TO
B12 SUPPLEMENTATION AT A LEVEL
<148 pmol/L
Nature of Abnormal Test: An aged-based population

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 8:06 PM EDT
Patient Name on the order was WILSON RANDY JAMES

Authorizing Provider Result Type
Michel Maalouf LAB URINE ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Cholesterol In LDL; Calculated	4.01	mmol/L			OLIS	
Comment: LDL-cholesterol calculation is decreased if fasting < or = 10 hours. Consider the non-HDL-cholesterol value as an alternate lipid target if monitoring treatment in intermediate or high risk patients.						
Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 8:05 PM EDT						
Patient Name on the order was WILSON RANDY JAMES						
Authorizing Provider	Result Type					
Michel Maalouf	LAB URINE ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
OLIS						

(ABNORMAL) PSA FREE/TOTAL RATIO MONITOR - Final result (02/06/2021 8:05 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Prostate specific Ag	7.58 (H)	0 - 4.50 ug/L			OLIS	
Comment: Nature of Abnormal Test: A sex-based population						
Prostate Specific Antigen Free/Total Prostate Specific Antigen Ratio	0.13 (L)	>0.25			OLIS	
Comment: The following interpretation guidelines apply only when the Total PSA is 4.0 - 10.0 ug/L. Depending on disease prevalence and age, when the Free/Total PSA ratio is < 0.11, the probability of prostate cancer is 49-65%; when the Free/Total PSA ratio is >0.25, the probability of prostate cancer is 9-16%. Nature of Abnormal Test: An aged-based population						

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 8:05 PM EDT						
Patient Name on the order was WILSON RANDY JAMES						
Authorizing Provider	Result Type					
Michel Maalouf	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
OLIS						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Cholesterol/Cholesterol In HDL Ratio	5.6				OLIS	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 8:05 PM EDT

Patient Name on the order was WILSON RANDY JAMES

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

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

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

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

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 8:05 PM EDT

Patient Name on the order was WILSON RANDY JAMES

Authorizing Provider	Result Type				
Michel Maalouf	LAB BLOOD ORDERABLES				

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Cholesterol	5.91 (H)	<5.20 mmol/L			OLIS	

Comment:

DESIRED: < 5.20 mmol/L

Nature of Abnormal Test: An aged-based population

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 8:05 PM EDT

Patient Name on the order was WILSON RANDY JAMES

Authorizing Provider	Result Type
Michel Maalouf	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	90	60 - 110 umol/L			OLIS	
Glomerular filtration rate/1.73 sq M	76	>=60 mL/min/1.73m*2			OLIS	

Comment: Nature of Abnormal Test: A sex-based population

eGFR is calculated using the CKD-EPI 2009 equation. Consistent with mildly decreased kidney function. However, in the absence of other evidence of kidney disease, eGFR values in this range do not fulfill the KDIGO criteria for chronic kidney disease. Interpret results in concert with ACR measurement.

For patients of African descent, the reported eGFR must be multiplied by 1.15.

Nature of Abnormal Test: An aged-based population

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 8:05 PM EDT

Patient Name on the order was WILSON RANDY JAMES

Authorizing Provider	Result Type
Michel Maalouf	LAB BLOOD ORDERABLES

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

25-HYDROXY VITAMIN D - Final result (02/06/2021 8:05 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Vitamin D, 25-Hydroxy	109	76 - 250 nmol/L			OLIS	

Comment:
 DEFICIENCY: < 25 nmol/L
 INSUFFICIENCY: 25 - 75 nmol/L
 SUFFICIENCY: 76 - 250 nmol/L
 TOXICITY: > 250 nmol/L
 Nature of Abnormal Test: An aged-based population

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Serum			02/06/2021 8:05 AM EDT	02/06/2021 8:05 AM EDT

Narrative

OLIS - 03/06/2021 11:02 AM EDT
 Patient Name on the order was WILSON RANDY JAMES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Glucose	NEG	NEGATIVE mmol/L			OLIS	

Comment: Nature of Abnormal Test: An aged-based population

Bilirubin	NEG	NEGATIVE			OLIS	
Comment:						
Nature of Abnormal Test: An aged-based population						

Ketones	NEG	NEGATIVE mmol/L			OLIS	
Comment:						
Nature of Abnormal Test: An aged-based population						

Specific Gravity	1.021	1.005 - 1.030			OLIS	
Comment:						
Nature of Abnormal Test: An aged-based population						

Erythrocytes; Urine	NEG	NEGATIVE			OLIS	
Comment:						

Nature of Abnormal Test: An aged-based population

pH	6.5	5.0 - 8.0	OLIS
Comment:			

Nature of Abnormal Test: An aged-based population

Protein	NEG	NEGATIVE g/L	OLIS
Comment:			

Nature of Abnormal Test: An aged-based population

Urobilinogen	16	3.2 - 16 umol/L	OLIS
Comment:			

Nature of Abnormal Test: An aged-based population

Nitrite	NEG	NEGATIVE	OLIS
Comment:			

Nature of Abnormal Test: An aged-based population

Leukocyte esterase	NEG	NEGATIVE	OLIS
Comment:			

Nature of Abnormal Test: An aged-based population

Colour	YELLOW	YELLOW	OLIS
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Comment:

Nature of Abnormal Test: An aged-based population

Appearance	CLEAR	CLEAR	OLIS
Comment:			

Nature of Abnormal Test: An aged-based population

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Urine			02/06/2021 8:05 AM EDT	02/06/2021 8:05 AM EDT

Narrative

OLIS - 02/06/2021 8:06 PM EDT
Patient Name on the order was WILSON RANDY JAMES

Authorizing Provider	Result Type
Michel Maalouf	LAB URINE ORDERABLES

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

(ABNORMAL) CBC - Final result (02/06/2021 8:05 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mean Platelet Volume; Blood	7.9	4.0 - 14.0 fL			OLIS	
Comment: Nature of Abnormal Test: An aged-based population						
Erythrocyte Distribution Width; RBC	16.5	12.5 - 17.3 %			OLIS	
Comment: Nature of Abnormal Test: An aged-based population						
Neutrophils; Blood	4.6	1.4 - 6.3 x 10 ⁹ /L			OLIS	
Comment: Nature of Abnormal Test: An aged-based population						
Lymphocytes; Blood	0.7 (L)	1.0 - 2.9 x 10 ⁹ /L			OLIS	
Comment: Nature of Abnormal Test: An aged-based population						
Monocytes; Blood	0.5	0.2 - 0.8 x 10 ⁹ /L			OLIS	

Comment: Nature of Abnormal Test: An aged-based population				
Eosinophils; Blood	0.0	0.0 - 0.5 x 10 ⁹ /L		OLIS
Comment: Nature of Abnormal Test: An aged-based population				
Basophils; Blood	0.00	0.00 - 0.09 x 10 ⁹ /L		OLIS
Comment: Nature of Abnormal Test: An aged-based population				
Platelets; Blood	219	155 - 372 x 10 ⁹ /L		OLIS
Comment: Nature of Abnormal Test: An aged-based population				
Erythrocytes; Blood	2.6 (L)	4.2 - 5.8 x 10 ¹² /L		OLIS
Comment: Nature of Abnormal Test: A sex-based population				
Mean Corpuscular Hemoglobin; RBC	37 (H)	24 - 33 pg		OLIS
Comment: Nature of Abnormal Test: An aged-based population				
Mean Corpuscular Volume; RBC	104 (H)	80 - 98 fL		OLIS
Comment: Nature of Abnormal Test: A sex-based population				
Leukocytes; Blood	5.9	3.2 - 9.4 x 10 ⁹ /L		OLIS
Comment: Nature of Abnormal Test: An aged-based population				
Hematocrit; Blood	0.27 (L)	0.39 - 0.49 L/L		OLIS
Comment: Nature of Abnormal Test: A sex-based population				
Mean Corpuscular Hemoglobin Concentration; RBC	353 (H)	313 - 344 g/L		OLIS
Comment: Nature of Abnormal Test: An aged-based population				
Hemoglobin; Blood	94 (L)	129 - 165 g/L		OLIS
Comment: Nature of Abnormal Test: A sex-based population				

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Whole blood			02/06/2021 8:05 AM EDT	02/06/2021 8:05 AM EDT

Narrative

OLIS - 02/06/2021 8:05 PM EDT
 Patient Name on the order was WILSON RANDY JAMES

Authorizing Provider	Result Type
Michel Maalouf	LAB BLOOD ORDERABLES

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

(ABNORMAL) TRIGLYCERIDES, RANDOM - Final result (02/06/2021 8:05 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Triglyceride	1.85 (H)	<1.70 mmol/L			OLIS	
Comment: Nature of Abnormal Test: An aged-based population						

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 8:06 PM EDT

Patient Name on the order was WILSON RANDY JAMES

Authorizing Provider	Result Type
Michel Maalouf	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Alanine aminotransferase	12	<46 U/L			OLIS	
Comment: Nature of Abnormal Test: A sex-based population						

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 8:05 PM EDT

Patient Name on the order was WILSON RANDY JAMES

Authorizing Provider	Result Type
Michel Maalouf	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Thyrotropin	2.28	0.35 - 5.00 mIU/L			OLIS	
Comment: Nature of Abnormal Test: A sex-based population						

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 8:06 PM EDT

Patient Name on the order was WILSON RANDY JAMES

Authorizing Provider	Result Type
Michel Maalouf	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Sodium	143	136 - 146 mmol/L			OLIS	

Comment: Nature of Abnormal Test: An aged-based population

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 8:05 PM EDT
 Patient Name on the order was WILSON RANDY JAMES

Authorizing Provider	Result Type
Michel Maalouf	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Potassium	4.5	3.7 - 5.4 mmol/L			OLIS	

Comment: Nature of Abnormal Test: An aged-based population

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 8:05 PM EDT
 Patient Name on the order was WILSON RANDY JAMES

Authorizing Provider	Result Type
Michel Maalouf	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Cholesterol In HDL	1.05	>=1.00 mmol/L			OLIS	

Comment: Nature of Abnormal Test: A sex-based population

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 8:05 PM EDT
 Patient Name on the order was WILSON RANDY JAMES

Authorizing Provider	Result Type
Michel Maalouf	LAB BLOOD ORDERABLES

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

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

Ref	Analysis	Performed
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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 Test: An aged-based population						

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Whole blood			02/06/2021 8:05 AM EDT	02/06/2021 8:05 AM EDT

Narrative

OLIS - 02/06/2021 8:05 PM EDT
 Patient Name on the order was WILSON RANDY JAMES

Authorizing Provider	Result Type
Michel Maalouf	LAB BLOOD ORDERABLES

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

AUTOMATED DIFFERENTIAL - Final result (31/05/2021 3:00 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Neutrophil	3.2	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 Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			31/05/2021 3:00 PM EDT	31/05/2021 3:37 PM EDT

Authorizing Provider	Result Type
Michael MacDonald Vickers	LAB BLOOD ORDERABLES

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

CREATININE - Final result (31/05/2021 3:00 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	70	62 - 100			EORLA	

umol/L

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	
HCT	0.258 (L)	0.380 - 0.500 L/L			EORLA	
MCV	105.7 (H)	80.0 - 100.0 fL			EORLA	
MCH	34.8 (H)	27.0 - 34.0 pg			EORLA	
MCHC	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 Location / Laterality	Collection Method / 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 ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	10 (L)	12 - 49 U/L			EORLA	

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

ALP - Final result (31/05/2021 3:00 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	81	50 - 112 U/L			EORLA	

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.53 (L)	0.66 - 1.07 mmol/L			EORLA	

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

BILIRUBIN, TOTAL - Final result (31/05/2021 3:00 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 LAB BLOOD ORDERABLES
Vickers

Performing Organization Address City/State/ZIP Code Phone Number

EORLA

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (31/05/2021 3:00 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	136	136 - 144 mmol/L			EORLA	
K	4.2	3.5 - 5.1 mmol/L			EORLA	
Cl	99	98 - 107 mmol/L			EORLA	
CO2	26	19 - 30 mmol/L			EORLA	
Anion Gap	11	8 - 16 mmol/L			EORLA	

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

Performing Organization Address City/State/ZIP Code Phone Number

EORLA

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			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 City/State/ZIP Code Phone Number

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 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	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	6.2	3.5 - 10.5 x10 ⁹ /L			EORLA	
RBC	2.70 (L)	4.00 - 5.50 x10 ¹² /L			EORLA	
HGB	95 (L)	125 - 170 g/L			EORLA	
HCT	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 - 34.0 pg			EORLA	
MCHC	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	

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	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	80	50 - 112 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	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.55 (L)	0.66 - 1.07 mmol/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	City/State/ZIP Code	Phone Number			
EORLA						

BILIRUBIN, TOTAL - Final result (10/05/2021 9:40 AM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	5	<=15 umol/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	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	140	136 - 144 mmol/L			EORLA	
K	4.7	3.5 - 5.1 mmol/L			EORLA	
Cl	103	98 - 107 mmol/L			EORLA	
CO2	28	19 - 30 mmol/L			EORLA	
Anion Gap	9	8 - 16 mmol/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	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Neutrophil	2.6	2.0 - 7.5 x10 ⁹ /L			EORLA	
Lymphocyte	1.0	0.8 - 3.5 x10 ⁹ /L			EORLA	
Monocyte	0.8	0.1 - 1.0 x10 ⁹ /L			EORLA	
Eosinophil	0.0	0.0 - 0.5 x10 ⁹ /L			EORLA	
Basophil	0.0	0.0 - 0.1 x10 ⁹ /L			EORLA	
Immature Granulocyte	0.0	<=0.1 x10 ⁹ /L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			12/04/2021 1:44 PM EDT	12/04/2021 1:56 PM EDT
Authorizing Provider	Result Type			
Michael MacDonald	LAB BLOOD ORDERABLES			

Vickers

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	83	62 - 100 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			12/04/2021 1:44 PM EDT	12/04/2021 1:56 PM EDT		
Authorizing Provider	Result Type					
Michael MacDonald 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)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	4.1	3.5 - 10.5 x10 ⁹ /L			EORLA	
RBC	2.68 (L)	4.00 - 5.50 x10 ¹² /L			EORLA	
HGB	91 (L)	125 - 170 g/L			EORLA	
HCT	0.273 (L)	0.380 - 0.500 L/L			EORLA	
MCV	101.9 (H)	80.0 - 100.0 fL			EORLA	
MCH	34.0	27.0 - 34.0 pg			EORLA	
MCHC	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 Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			12/04/2021 1:44 PM EDT	12/04/2021 1:56 PM EDT		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	10 (L)	12 - 49 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			12/04/2021 1:44 PM EDT	12/04/2021 1:56 PM EDT		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	84	50 - 112 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			12/04/2021 1:44 PM EDT	12/04/2021 1:56 PM EDT		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.54 (L)	0.66 - 1.07 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time		
Blood (Blood, Venous)			12/04/2021 1:44 PM EDT	12/04/2021 1:56 PM EDT		
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					

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

BILIRUBIN, TOTAL - Final result (12/04/2021 1:44 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time	Received Time	
Blood (Blood, Venous)				12/04/2021 1:44 PM EDT	12/04/2021 1:56 PM EDT	
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (12/04/2021 1:44 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	137	136 - 144 mmol/L			EORLA	
K	4.3	3.5 - 5.1 mmol/L			EORLA	
Cl	100	98 - 107 mmol/L			EORLA	
CO2	26	19 - 30 mmol/L			EORLA	
Anion Gap	11	8 - 16 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time	Received Time	
Blood (Blood, Venous)				12/04/2021 1:44 PM EDT	12/04/2021 1:56 PM EDT	
Authorizing Provider	Result Type					
Michael MacDonald Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Neutrophil	3.9	2.0 - 7.5 $\times 10^9/L$			EORLA	
Lymphocyte	0.7 (L)	0.8 - 3.5 $\times 10^9/L$			EORLA	
Monocyte	0.7	0.1 - 1.0 $\times 10^9/L$			EORLA	
Eosinophil	0.0	0.0 - 0.5 $\times 10^9/L$			EORLA	
Basophil	0.0	0.0 - 0.1 $\times 10^9/L$			EORLA	
Immature Granulocyte	0.0	<=0.1 $\times 10^9/L$			EORLA	

Anatomical Location / Collection Method /

Specimen (Source)	Laterality	Volume	Collection Time	Received Time
Blood			22/03/2021 2:45 PM EDT	22/03/2021 3:04 PM EDT
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	
HCT	0.267 (L)	0.380 - 0.500 L/L			EORLA	
MCV	98.9	80.0 - 100.0 fL			EORLA	
MCH	34.1 (H)	27.0 - 34.0 pg			EORLA	
MCHC	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 Location / Laterality	Collection Method / Volume	Collection Time	Received Time
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Authorizing Provider	Result Type		
Michael MacDonald Vickers	LAB BLOOD ORDERABLES		
Performing Organization	Address	City/State/ZIP Code	Phone Number
EORLA			

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

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	83	50 - 112 U/L			EORLA	
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) MAGNESIUM - Final result (22/03/2021 2:45 PM EDT)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.58 (L)	0.66 - 1.07 mmol/L			EORLA	
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						
BILIRUBIN, TOTAL - Final result (22/03/2021 2:45 PM EDT)						
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	3	<=15 umol/L			EORLA	
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						

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (22/03/2021 2:45 PM EDT)						
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	136	136 - 144 mmol/L			EORLA	
K	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	
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						

CT NECK W IV CONTRAST - Final result (16/03/2021 8:19 AM EDT)				
Anatomical Region	Laterality	Modality		
Neck		Computed Tomography		
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			18/03/2021 10:27 AM EDT	

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

Minimal contraction of the necrotic component of the extensive irregular rim enhancing lymph node conglomerate

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

Karine Massicotte-Tisluck, Neuro Imaging Fellow

For report clarification: rads@toh.ca

Narrative

ATL POWERSCRIBE - 18/03/2021 5:11 PM EDT
CT SCAN OF THE NECK.

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

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

COMPARISON: CT neck from February 3, 2021

FINDINGS:

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

There are mild motion artifacts degrading the images.

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

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

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

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

Procedure Note

Mario Kontolemos - 18/03/2021

Formatting of this note might be different from the original.

CT SCAN OF THE NECK.

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

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

COMPARISON: CT neck from February 3, 2021

FINDINGS:

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

There are mild motion artifacts degrading the images.

There is minimal contraction of the necrotic portion of the irregular rim enhancing lymph node conglomerate in the level 2 and 3 of the right cervical chain extending into the lingual surface of the epiglottis, tongue root and the right vallecula. This conglomerate is measuring up to 58 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: 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 (16/03/2021 8:19 AM EDT)

Anatomical Region	Laterality	Modality		
Chest		Computed Tomography		
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			16/03/2021 10:15 AM EDT	

Impressions

ATL POWERSCRIBE - 16/03/2021 10:35 PM EDT
Stable 3 mm lung nodule in left lower lobe.

For report clarification: rads@toh.ca

Narrative

ATL POWERSCRIBE - 16/03/2021 10:35 PM EDT
CT THORAX WITH CONTRAST (ROUTINE)

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

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

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

Patent airways.

LYMPH NODES & MEDIASTINUM: No thoracic lymph node enlargement.

PLEURA & PERICARDIUM: Unremarkable.

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

ESOPHAGUS & Neck: Unremarkable.

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

UPPER ABDOMEN: Stable right hepatic cyst.

Procedure Note

Hamid Bayanati - 16/03/2021

Formatting of this note might be different from the original.

CT THORAX WITH CONTRAST (ROUTINE)

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

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

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

Patent airways.

LYMPH NODES & MEDIASTINUM: No thoracic lymph node enlargement.

PLEURA & PERICARDIUM: Unremarkable.

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

ESOPHAGUS & Neck: Unremarkable.

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

UPPER ABDOMEN: Stable right hepatic cyst.

IMPRESSION:

Stable 3 mm lung nodule in left lower lobe.

For report clarification: rads@toh.ca

Authorizing Provider Result Type

Michael MacDonald IMG CT PROCEDURES
Vickers

Performing Organization Address City/State/ZIP Code Phone Number

ATL POWERSCRIBE

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Neutrophil	2.4	2.0 - 7.5 x10 ⁹ /L			EORLA	
Lymphocyte	0.9	0.8 - 3.5 x10 ⁹ /L			EORLA	
Monocyte	0.6	0.1 - 1.0 x10 ⁹ /L			EORLA	
Eosinophil	0.0	0.0 - 0.5 x10 ⁹ /L			EORLA	
Basophil	0.0	0.0 - 0.1 x10 ⁹ /L			EORLA	
Immature Granulocyte	0.0	<=0.1 x10 ⁹ /L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			01/03/2021 2:35 PM EST	01/03/2021 2:50 PM EST

Authorizing Provider Result Type

Michael MacDonald LAB BLOOD ORDERABLES
Vickers

Performing Organization Address City/State/ZIP Code Phone Number

EORLA

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	83	62 - 100			EORLA	

umol/L

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	
HCT	0.284 (L)	0.380 - 0.500 L/L			EORLA	
MCV	98.3	80.0 - 100.0 fL			EORLA	
MCH	33.2	27.0 - 34.0 pg			EORLA	
MCHC	338	315 - 355 g/L			EORLA	
RDW	14.4	11.5 - 15.5 %			EORLA	
Plat	251	130 - 380 x10 ⁹ /L			EORLA	
MPV	8.8 (L)	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10 ⁹ /L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			01/03/2021 2:35 PM EST	01/03/2021 2:50 PM EST
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

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

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	77	50 - 112 U/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.66	0.66 - 1.07 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	3	<=15 umol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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 Number
EORLA			

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (01/03/2021 2:35 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	139	136 - 144 mmol/L			EORLA	
K	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	

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

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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 Location / Laterality	Collection Method / Volume	Collection 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 ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	
HCT	0.336 (L)	0.380 - 0.500 L/L			EORLA	
MCV	96.8	80.0 - 100.0 fL			EORLA	
MCH	32.9	27.0 - 34.0 pg			EORLA	
MCHC	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 Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	11 (L)	12 - 49 U/L			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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	83	50 - 112 U/L			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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.75	0.66 - 1.07 mmol/L			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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

BILIRUBIN, TOTAL - Final result (08/02/2021 2:00 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	3	<=15 umol/L			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 ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	138	136 - 144 mmol/L			EORLA	
K	4.5	3.5 - 5.1 mmol/L			EORLA	
Cl	101	98 - 107 mmol/L			EORLA	
CO2	26	19 - 30 mmol/L			EORLA	
Anion Gap	11	8 - 16 mmol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood (Blood, Venous)			08/02/2021 2:00 PM EST	08/02/2021 2:18 PM EST
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

CT NECK W IV CONTRAST - Final result (03/02/2021 2:13 PM EST)

Anatomical Region	Laterality	Modality
Neck		Computed Tomography

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

ATL POWERSCRIBE

CT CHEST W IV CONTRAST - Final result (03/02/2021 2:13 PM EST)

Anatomical Region	Laterality	Modality
Chest		Computed Tomography

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

Authorizing Provider	Result Type
Michael MacDonald Vickers	IMG CT PROCEDURES

ATL POWERSCRIBE

CT ABDOMEN PELVIS W IV CONTRAST - Final result (03/02/2021 2:13 PM EST)

Anatomical Region	Laterality	Modality		
Body, Abdomen, Pelvis, Y		Computed Tomography		
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			04/02/2021 8:51 AM EST	

Impressions

ATL POWERSCRIBE - 04/02/2021 8:55 AM EST

No metastatic disease is seen in the abdomen or pelvis.

For report clarification: rads@toh.ca

Narrative

ATL POWERSCRIBE - 04/02/2021 8:55 AM EST

CT ABDOMEN & PELVIS

INDICATION: Age: 66 years old; Male, "Stage 4 recurrent H/N cancer.? response to chemo"
TECHNIQUE: Routine portal venous phase contrast-enhanced evaluation. Oral contrast was not given.
COMPARISON: PET from October 14, 2020 CT thorax from November 19, 2018

HEPATOBIILIARY 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

HEPATOBIILIARY 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)

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	

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

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

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

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	4.0	3.5 - 10.5 x10 ⁹ /L			EORLA	
RBC	3.55 (L)	4.00 - 5.50 x10 ¹² /L			EORLA	
HGB	113 (L)	125 - 170 g/L			EORLA	
HCT	0.337 (L)	0.380 - 0.500 L/L			EORLA	
MCV	94.9	80.0 - 100.0 fL			EORLA	
MCH	31.8	27.0 - 34.0 pg			EORLA	
MCHC	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 Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	15	12 - 49 U/L			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 ORDERABLES					
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	
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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code		Phone Number		
EORLA						
MAGNESIUM - Final result (18/01/2021 2:30 PM EST)						
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.74	0.66 - 1.07 mmol/L			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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code		Phone Number		
EORLA						
BILIRUBIN, TOTAL - Final result (18/01/2021 2:30 PM EST)						
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	3	<=15 umol/L			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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code		Phone Number		

EORLA

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	136	136 - 144 mmol/L			EORLA	
K	4.1	3.5 - 5.1 mmol/L			EORLA	
Cl	102	98 - 107 mmol/L			EORLA	
CO2	26	19 - 30 mmol/L			EORLA	
Anion Gap	8	8 - 16 mmol/L			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 ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed 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	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
Blood			29/12/2020 8:10 AM EST	29/12/2020 8:18 AM EST

Authorizing Provider	Result Type
Michael MacDonald Vickers	LAB BLOOD ORDERABLES

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
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Creatinine	100	62 - 100 umol/L	EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	3.7	3.5 - 10.5 x10 ⁹ /L			EORLA	
RBC	3.88 (L)	4.00 - 5.50 x10 ¹² /L			EORLA	
HGB	124 (L)	125 - 170 g/L			EORLA	
HCT	0.368 (L)	0.380 - 0.500 L/L			EORLA	
MCV	94.8	80.0 - 100.0 fL			EORLA	
MCH	32.0	27.0 - 34.0 pg			EORLA	
MCHC	337	315 - 355 g/L			EORLA	
RDW	14.1	11.5 - 15.5 %			EORLA	
Plat	273	130 - 380 x10 ⁹ /L			EORLA	
MPV	8.8 (L)	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 x10 ⁹ /L			EORLA	

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	19	12 - 49			EORLA	

U/L

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	83	50 - 112 U/L			EORLA	

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.80	0.66 - 1.07 mmol/L			EORLA	

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	4	<=15 umol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
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			EORLA	
K	4.4	3.5 - 5.1 mmol/L			EORLA	
Cl	103	98 - 107 mmol/L			EORLA	
CO2	29	19 - 30 mmol/L			EORLA	
Anion Gap	8	8 - 16 mmol/L			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						
AUTOMATED DIFFERENTIAL - Final result (07/12/2020 4:26 PM EST)						
Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Neutrophil	3.4	2.0 - 7.5 $\times 10^9/L$			EORLA	
Lymphocyte	1.0	0.8 - 3.5 $\times 10^9/L$			EORLA	
Monocyte	0.7	0.1 - 1.0 $\times 10^9/L$			EORLA	
Eosinophil	0.0	0.0 - 0.5 $\times 10^9/L$			EORLA	
Basophil	0.0	0.0 - 0.1 $\times 10^9/L$			EORLA	
Immature Granulocyte	0.0	≤ 0.1 $\times 10^9/L$			EORLA	
Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume		Collection Time	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 ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	94	62 - 100 umol/L			EORLA	
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 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)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
WBC	5.2	3.5 - 10.5 $\times 10^9/L$			EORLA	
RBC	4.08	4.00 - 5.50 $\times 10^{12}/L$			EORLA	
HGB	130	125 - 170 g/L			EORLA	
HCT	0.384	0.380 - 0.500 L/L			EORLA	
MCV	94.1	80.0 - 100.0 fL			EORLA	
MCH	31.9	27.0 - 34.0 pg			EORLA	
MCHC	339	315 - 355 g/L			EORLA	
RDW	12.6	11.5 - 15.5 %			EORLA	
Plat	261	130 - 380 $\times 10^9/L$			EORLA	
MPV	8.9 (L)	9.0 - 14.0 fL			EORLA	
NRBC/100 WBC	0.0				EORLA	
NRBC #	0.00	0.00 - 0.00 $\times 10^9/L$			EORLA	
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 Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALT	17	12 - 49 U/L			EORLA	
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 Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
ALP	92	50 - 112 U/L			EORLA	
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 Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Mg	0.80	0.66 - 1.07 mmol/L			EORLA	
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 Vickers	LAB BLOOD ORDERABLES					
Performing Organization	Address	City/State/ZIP Code	Phone Number			
EORLA						

BILIRUBIN, TOTAL - Final result (07/12/2020 4:26 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Bilirubin Total	5	<=15 umol/L			EORLA	

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

ELECTROLYTE PANEL (ELECTROLYTES) - Final result (07/12/2020 4:26 PM EST)

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Na	138	136 - 144 mmol/L			EORLA	
K	4.0	3.5 - 5.1 mmol/L			EORLA	
Cl	100	98 - 107 mmol/L			EORLA	
CO2	26	19 - 30 mmol/L			EORLA	
Anion Gap	12	8 - 16 mmol/L			EORLA	

Specimen (Source)	Anatomical 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 Vickers	LAB BLOOD ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
COVID Source	NP/Throat				EORLA	
COVID-19 RT-PCR	Not Detected				EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
NP/Throat			16/11/2020 8:10 AM EST	16/11/2020 2:46 PM EST
Authorizing Provider	Result Type			
Michael MacDonald Vickers	LAB MICROBIOLOGY - GENERAL ORDERABLES			
Performing Organization	Address	City/State/ZIP Code	Phone Number	
EORLA				

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

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

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

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

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

Component	Value	Ref Range	Test Method	Analysis Time	Performed At	Pathologist Signature
Creatinine	110 (H)	62 - 100 umol/L			EORLA	

Specimen (Source)	Anatomical Location / Laterality	Collection Method / 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	Address	City/State/ZIP Code	Phone Number
EORLA			

List stopped at 500 results. Some data may be omitted.

Care Teams

Team Member	Relationship	Specialty	Start Date	End Date
Michel Maalouf 613-731-4770-x3 (Work) 613-731-4979 (Fax)	PCP - General	Family Medicine	3/3/21	

Patient Contacts

Contact Name	Contact Address	Communication	Relationship to Patient
Diane Wilson	VANIER ON k1l 7v4 CAN	613-325-5934 (Mobile) 613-748-0158 (Home) dwils8@hotmail.com	Spouse (Partner), Emergency Contact

Document Information

Primary Care Provider

Other Service Providers

Document Coverage Dates

Michel Maalouf (Mar. 03, 2021 - Present)

613-731-4770-x3 (Work)

613-731-4979 (Fax)

Family Medicine

May 16, 1954 - Feb. 06, 2023

Custodian Organization

Atlas Alliance

K1H 8L6

CAN



If you take your Lucy record on a thumb drive to a different doctor, he or she might be able to use his computer to read the file electronically. Your downloaded, machine-readable Personal Health Summary document is in a format called "CDA." If your doctor has a computer that understands CDA, your information is a folder on your thumb drive called **MachineReadable_XDMFormat**. You might need to enter a password before your doctor can use this file.

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Randall James Wilson

Summary of Care, generated on Feb. 06, 2023

Patient Demographics - Male; born May 16, 1954

Patient Address	Communication	Language	Marital Status
238 GREENSWAY AVE 2521 OTTAWA ON K1L 7V4 CAN (Home)	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		

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.

Encounter Details

Date	Type	Department	Care Team
26/09/2022	Procedure visit	The Ottawa Hospital General Campus - Electrocardiogram 501 Smyth Rd Ottawa, ON K1H 8L6 613-737-8260	

Allergies - documented as of this encounter (statuses as of 06/02/2023)

No known active allergies

Medications - documented as of this encounter (statuses as of 06/02/2023)

No known medications

Active Problems - documented as of this encounter (statuses as of 06/02/2023)

No known active problems

Social History - documented as of this encounter

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

Last Filed Vital Signs - documented in this encounter

Not on file

Plan of Treatment - documented as of this encounter

Upcoming Encounters

Date	Type	Specialty	Care Team
08/02/2023	Follow-Up	Oncology	Michael MacDonald Vickers The Ottawa Hospital, Atlas Alliance 1053 Carling Avenue Ottawa, ON K1Y 4E9 613-722-7000 (Work)

Results - documented in this encounter

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 ECG	

S-T Horizontal Axis	45	TOH PHILIPS ECG
S-T Front Axis	58	TOH PHILIPS ECG
ECG Severity	- OTHERWISE NORMAL ECG -	TOH PHILIPS ECG
TOHFM Link	TOHFM/20220930/TRACEMASTER-185e35af-659a-4009-b2e0-05f99a996e68.PDF	TOH PHILIPS ECG

Specimen (Source)	Anatomical Location / Laterality	Collection Method / Volume	Collection Time	Received Time
			26/09/2022 11:10 AM EDT	

Narrative

This result has an attachment that is not available.

Authorizing Provider	Result Type
Arif Ali Awan	ECG ORDERABLES

Performing Organization	Address	City/State/ZIP Code	Phone Number
TOH PHILIPS ECG			

Care Teams - documented as of this encounter

Team Member	Relationship	Specialty	Start Date	End Date
Michel Maalouf 613-731-4770-x3 (Work) 613-731-4979 (Fax)	PCP - General	Family Medicine	3/3/21	

Patient Contacts

Contact Name	Contact Address	Communication	Relationship to Patient
Diane Wilson	VANIER ON k1l 7v4 CAN	613-325-5934 (Mobile) 613-748-0158 (Home) dwils8@hotmail.com	Spouse (Partner), Emergency Contact

Document Information

Primary Care Provider	Other Service Providers	Document Coverage Dates
Michel Maalouf (Mar. 03, 2021 - Present) 613-731-4770-x3 (Work) 613-731-4979 (Fax) Family Medicine		Sep. 26, 2022

Custodian Organization
Atlas Alliance K1H 8L6 CAN

Encounter Providers	Encounter Date
GEN ECG CARDTECH (Attending)	Sep. 26, 2022