

Patient	BUCKLE, MARK EDWARD	Home Phone		Work Phone	
Health #	0014045355	Sex	M	Patient ID	31325
Age	26 years				
DOB	1992-Jun-05				

Accession Id: 000002018257002221

MRN: 1721015

Ordered By: Reported By:CDHA

Collection Date:2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood

Attending: David Calvin Wood

Updated On: 2018-Sep-16 9:36 PM

	Flags	Results	Ref Range
CBC (Final)			
WBC	L	4.39	4.50 - 11.00 x10(9)/L
RBC	L	4.39	4.50 - 6.50 x10(12)/L
Hgb	L	139	140 - 180 g/L
Hct		0.426	0.420 - 0.540
MCV		97.0	80.0 - 97.0 fL
MCH		31.7	28.0 - 32.0 pg
MCHC		326	315 - 350 g/L
RDW		12.4	11.5 - 14.5 %
PLT		211	150 - 350 x10(9)/L
MPV		10.9	9.0 - 12.5 fL
NRBC/100 WBC's		0.0	0.0 - 0.0 %

Accession Id: 000002018257002221

MRN: 1721015

Ordered By: Reported By:CDHA

Collection Date:2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood

Attending: David Calvin Wood

Updated On: 2018-Sep-16 9:36 PM

	Flags	Results	Ref Range
Automated Diff (Final)			
Neut	L	39.7	45.0 - 70.0 %
Lymph	H	43.5	15.0 - 41.0 %
Mono		7.5	2.0 - 10.0 %
Eos		6.8	0.0 - 7.0 %
Baso	H	2.3	0.0 - 1.5 %
Immature Grans		0.2	0.0 - 5.0 %
Neut	L	1.74	2.00 - 7.50 x10(9)/L
Lymph		1.91	1.50 - 4.00 x10(9)/L
Mono		0.33	0.10 - 0.90 x10(9)/L
Eos		0.30	0.00 - 0.50 x10(9)/L
Baso		0.10	0.00 - 0.10 x10(9)/L
Immature Grans		0.01	0.00 - 0.09 x10(9)/L

Accession Id: 000002018257002221

MRN: 1721015

Ordered By: Reported By:CDHA

Collection Date:2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood

Attending: David Calvin Wood

Updated On: 2018-Sep-16 9:36 PM

Flags**Results****Ref Range****Corrected Total Calcium (Final)**

Corrected Total Calcium

2.39

mmol/L

This Corrected Total Calcium value can be compared to the normal range for patients with a normal Albumin of 40 g/L.

Accession Id: 000002018257002221

MRN: 1721015

Ordered By: Reported By:CDHA

Collection Date:2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood

Attending: David Calvin Wood

Updated On: 2018-Sep-16 9:36 PM

Flags**Results****Ref Range****Uric Acid (Final)**

Uric Acid

266

210 - 450

umol/L

High normal urate level does not rule out gout, especially if sample taken during an acute attack. If on treatment for chronic gout, recommended levels are <360 umol/L.

Note that falsely lower results may be seen in patients on Rasburicase.

Accession Id: 000002018257002221

MRN: 1721015

Ordered By: Reported By:CDHA

Collection Date:2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood

Attending: David Calvin Wood

Updated On: 2018-Sep-16 9:36 PM

Flags**Results****Ref Range****Glucose Random (Final)**

Glucose Random

5.4

3.9 - 7.8

mmol/L

For interpretation, please see the Canadian Journal of Diabetes 2013:

<http://www.diabetes.ca>

Accession Id: 000002018257002221

MRN: 1721015

Ordered By: Reported By:CDHA

Collection Date:2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood

Attending: David Calvin Wood

Updated On: 2018-Sep-16 9:36 PM

Flags**Results****Ref Range****Creatinine (Final)**

Creatinine

78

64 - 104

umol/L

Accession Id: 000002018257002221

MRN: 1721015

Ordered By: Reported By:CDHA

Collection Date:2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood

Attending: David Calvin Wood

Updated On: 2018-Sep-16 9:36 PM

Flags**Results****Ref Range****ALT (Final)**

Accession Id: 000002018257002221
MRN: 1721015
Ordered By: Reported By:CDHA
Collection Date:2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood
Attending: David Calvin Wood
Updated On: 2018-Sep-16 9:36 PM

Flags	Results	Ref Range
-------	---------	-----------

Albumin (Final)

Albumin	45	35 - 50	g/L
---------	----	---------	-----

Accession Id: 000002018257002221
MRN: 1721015
Ordered By: Reported By:CDHA
Collection Date:2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood
Attending: David Calvin Wood
Updated On: 2018-Sep-16 9:36 PM

Flags	Results	Ref Range
-------	---------	-----------

Calcium (Final)

Calcium	2.49	2.20 - 2.60	mmol/L
---------	------	-------------	--------

Reference range based on samples from ambulatory patients.
Recumbent: 0.10 mmol/L lower.

Accession Id: 000002018257002221
MRN: 1721015
Ordered By: Reported By:CDHA
Collection Date:2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood
Attending: David Calvin Wood
Updated On: 2018-Sep-16 9:36 PM

Flags	Results	Ref Range
-------	---------	-----------

C-Reactive Protein (Final)

C-Reactive Protein	0.29	0.00 - 7.99	mg/L
--------------------	------	-------------	------

>8 mg/L is consistent with acute phase response to inflammation.

Cardiovascular Risk assessment:

Low risk: <1 mg/L

Average risk: 1-3 mg/L

High risk: >3 mg/L

Patient	BUCKLE, MARK EDWARD	Home Phone	Work Phone
Health #	0014045355	Sex	M
Age	26 years		Patient ID
DOB	1992-Jun-05		31325

Accession Id: 000002018257002221
 MRN: 1721015
 Ordered By: Reported By:CDHA
 Collection Date:2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood
 Attending: David Calvin Wood
 Updated On: 2018-Sep-16 9:36 PM

Flags	Results	Ref Range
-------	---------	-----------

Phosphorus (Final)

Phosphorus 1.19 0.74 - 1.52 mmol/L
 Phosphorus has a very strong biphasic circadian rhythm. Values are lowest in the morning, peak first in the late afternoon and peak again in the late evening. The second peak is quite elevated and results may be outside the reference range.

Accession Id: 000002018257002221
 MRN: 1721015
 Ordered By: Reported By:CDHA
 Collection Date:2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood
 Attending: David Calvin Wood
 Updated On: 2018-Sep-16 9:36 PM

Flags	Results	Ref Range
-------	---------	-----------

eGFR (Final)

eGFR >90 >= 60 mL/min/1.73mE2
 Stage of Kidney Disease eGFR Description
 1 >=90 Normal or High
 2 60-89 Mildly Decreased
 3a 45-59 Mildly to Moderately Decreased
 3b 30-44 Moderately to Severely Decreased
 4 15-29 Severely Decreased
 5 <15 Kidney Failure

*Multiply the adult (>= 18 years) eGFR results by 1.159 if patient of African descent.

CAUTION: eGFR should not be used when plasma creatinine is changing rapidly, in pregnancy, for drug dosing, and should be interpreted with caution in extremes of body habitus.

eGFR <60 mL/min/1.73mE2 and/or Albumin to Creatinine Ratio (ACR) >= 3 mg/mmol for >3 months are diagnostic criterion for Chronic Kidney Disease (CKD).

For more information on CKD identification, management and referral:

<http://www.nsdp.gov.ns.ca/ckd-prevention-and-early-detection>

Accession Id: 000002018257002221
 MRN: 1721015
 Ordered By: Reported By:CDHA
 Collection Date:2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood
 Attending: David Calvin Wood
 Updated On: 2018-Sep-16 9:36 PM

Flags	Results	Ref Range
-------	---------	-----------

Electrolytes (Na,K) (Final)

Sodium

138 136 - 145 mmol/L

Reference values have not been established for patients that are less than 1 year of age.

Pseudohyponatremia may be caused by specimens with high protein or lipid concentrations.

Potassium

4.2 3.4 - 5.0 mmol/L

Reference values have not been established for patients that are less than 1 year of age.

Note: Potassium (K+) reference ranges have been adjusted to accomodate for the possibility of slight leakage of K+ from red blood cells prior to sample separation.

Accession Id: 000002018257002221

MRN: 1721015

Ordered By: Reported By: CDHA

Collection Date: 2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood

Attending: David Calvin Wood

Updated On: 2018-Sep-16 9:36 PM

Flags	Results	Ref Range
-------	---------	-----------

Hemoglobin A1c (Final)

Hgb A1c

5.6 4.6 - 5.9 %

For diagnostic purposes (excluding type 1 diabetes mellitus & gestational diabetes):

6.0- 6.4% = prediabetes

> or = 6.5% = diabetes

For full diagnostic workup of diabetes mellitus and A1c targets to achieve glycemic control in patients with known diabetes- please refer to the most recent version of the Diabetes Canada Clinical Practice Guidelines.

Accession Id: 000002018257002221

MRN: 1721015

Ordered By: Reported By: CDHA

Collection Date: 2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood

Attending: David Calvin Wood

Updated On: 2018-Sep-16 9:36 PM

Flags	Results	Ref Range
-------	---------	-----------

Thyroid Stimulating Hormone (Final)

Thyroid Stimulating Hormone

1.91 0.35 - 4.30 mIU/L

Accession Id: 000002018257002221

MRN: 1721015

Ordered By: Reported By: CDHA

Collection Date: 2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood

Attending: David Calvin Wood

Updated On: 2018-Sep-16 9:36 PM

Flags	Results	Ref Range
-------	---------	-----------

Testosterone (Final)

Testosterone

16.20 8.00 - 32.00 nmol/L

Note: Male reference range applies to post-puberty and is based on a morning sample, since levels tend to decline through the day.

Accession Id: 000002018257002221
MRN: 1721015
Ordered By: Reported By:CDHA
Collection Date:2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood
Attending: David Calvin Wood
Updated On: 2018-Sep-16 9:36 PM

Flags **Results** **Ref Range**

Thyroxine Free (Final)

T4 Free		10.9	9.0 - 19.0	pmol/L
---------	--	------	------------	--------

Accession Id: 000002018257002221
MRN: 1721015
Ordered By: Reported By:CDHA
Collection Date:2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood
Attending: David Calvin Wood
Updated On: 2018-Sep-16 9:36 PM

Flags **Results** **Ref Range**

Bioavailable Testosterone (Final)

Bioavailable Testosterone	L	1.33	2.50 - 10.00	nmol/L
---------------------------	---	------	--------------	--------

Accession Id: 000002018257002221
MRN: 1721015
Ordered By: Reported By:CDHA
Collection Date:2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood
Attending: David Calvin Wood
Updated On: 2018-Sep-16 9:36 PM

Flags **Results** **Ref Range**

Sex Hormone Binding Globulin (Final)

Sex Hormone Binding Globulin	H	85.2	13.5 - 71.0	nmol/L
------------------------------	---	------	-------------	--------

Accession Id: 000002018257002222
MRN: 1721015
Ordered By: Reported By:CDHA
Collection Date:2018-Sep-14 9:23 AM Reviewed: 2018-Sep-16 by DWood
Attending: David Calvin Wood
Updated On: 2018-Sep-16 9:36 PM

Flags **Results** **Ref Range**

C-Peptide (Final)

Patient Fasting?

C-Peptide	L	<3	260 - 1730	pmol/L
-----------	---	----	------------	--------