

Referrer Dr Robert Bell

Address BEECHBORO FAMILY PRACTICE 2/130 BRIDGEMAN DRIVE
BENNETT SPRINGS WA 6063

Phone 0893777002

Lab ID 422241108

Your ref. 57178

Address 15 SOLAS ROAD
MORLEY WA 6062

Phone 0403464846

DOB 14/07/1964 (59 Yrs FEMALE)

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Clinical Notes Not provided

Requested 15/11/2023

Collected 05/04/2024 08:12

Received 05/04/2024 08:18

General Chemistry

Test Name	Result	Units	Reference Interval	Comment
Urea	7.1	mmol/L	3.0 - 8.0	
Creatinine	73	umol/L	45 - 85	
eGFR	78		>59	
Sodium	138	mmol/L	135 - 145	
Potassium	4.8	mmol/L	3.5 - 5.5	
Chloride	104	mmol/L	95 - 110	
Bicarbonate	27	mmol/L	20 - 32	

eGFR calculated using CKD EPI from 21-05-13.

Comments

The eGFR is ≤ 90 mL/min/1.73m². As this patient is older than 50, suggest urine microalbumin is checked. (www.kidney.org.au)

CA

CLINIPATH PATHOLOGY NATA NO: 2619-2612

05-04-2024 13:47

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Liver Function

Test Name	Result	Units	Reference Interval	Comment
AST	28	U/L	10 - 35	
● ALT	31 H	U/L	5 - 30	HIGH
Alk Phos	48	U/L	30 - 110	
Gamma GT	21	U/L	5 - 35	
Total Bilirubin	15	umol/L	3 - 15	
Total Protein	69	g/L	63 - 80	
Albumin	43	g/L	34 - 45	
Globulin	26	g/L	23 - 39	

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Thyroid Function Tests

Test Name	Result	Units	Reference Interval	Comment
● TSH	5.19 H	mU/L	0.4 - 4.0	HIGH
Free T4	12	pmol/L	9 - 19	

Comments

These results are consistent with subclinical (compensated) hypothyroidism. TPO antibodies may assist in follow-up.

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Lipids

Status	Fasting		
Cholesterol	4.2	mmol/L	<5.0
Triglyceride	0.9	mmol/L	<2.0
HDL Cholesterol	1.9	mmol/L	>1.0
Chol/HDL Ratio	2.2		<3.5
LDL Cholesterol	1.9	mmol/L	<3.0
Non HDL Cholesterol	2.3	mmol/L	<3.9

Non-fasting samples now accepted for lipids.

Comments

TARGET LEVELS:

The National Vascular Disease Prevention Alliance (NVDPA) treatment target levels for high risk people (known coronary heart and other arterial disease, diabetes, chronic renal failure, Aboriginal and Torres Strait Islander peoples) are:

Total Cholesterol	<4.0 mmol/L
HDL-Cholesterol	>=1.00 mmol/L
Fasting Triglycerides	<2.0 mmol/L
Non-HDL Cholesterol	<2.5 mmol/L

Increased non-HDL Cholesterol is a significant marker for subclinical atherosclerosis (ref: Cardiology Today 2013; 3(2) : pp25-27).

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Haemoglobin A1c (HbA1c)

Hb A1c	5.5	%	<6.5
HbA1c mmol/mol	37	mmol/mol	<48

Comments

HbA1c is now Medicare rebateable (once per year) for diagnosis of diabetes mellitus in high risk people. The diagnostic cut-off is HbA1c $\geq 6.5\%$ and/or 48 mmol/mol.

Queries: Dr A. Simpson, Dr K. Kahapola, Dr D. Bell and Dr P. Glendenning (08)9371 4200.

SS

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Haematology

Test Name	Result	Units	Reference Interval	Comment
Haemoglobin	143	g/L	115 - 165	
Red cell count	5.1	$\times 10^{12}/L$	3.8 - 5.8	
Haematocrit	0.44		0.36 - 0.47	
MCV	86	fL	80 - 100	
MCH	28	pg	27 - 32	
MCHC	328	g/L	310 - 360	
RDW	12.1		10 - 15	
White cell count	4.4	$\times 10^9/L$	4.0 - 11.0	
● Neutrophils	1.8 L	$\times 10^9/L$	2.0 - 7.5	LOW
Lymphocytes	1.9	$\times 10^9/L$	1.2 - 4.0	
Monocytes	0.4	$\times 10^9/L$	0.2 - 1.0	
Eosinophils	0.3	$\times 10^9/L$	0.0 - 0.5	
Basophils	<0.1	$\times 10^9/L$	0.0 - 0.1	
Platelets	223	$\times 10^9/L$	150 - 400	

Comments

Slight neutropenia. The red cell and platelet parameters are within acceptable limits.

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