

Patient Name: BOYD, JEMMA
Patient Address: 114 HIGHFIELD LANE, NARRABRI 2390
D.O.B: 13/02/1997
Medicare No.: 2808168492
Lab. Reference: 6362934S018
Addressee: DR OKWUN OJAH

Sex at Birth: F
IHI No.:
Provider: SYDPATH
Referred by: Dr OKWUN OJAH

Date Requested: 30/08/2023
Date Collected: 31/08/2023

Date Performed: 31/08/2023
Complete: Final

Specimen:
Subject(Test Name): ROSS RIVER VIRUS SEROLOGY
Clinical Information:

Viral Serology (serum)

Ross River IgG Not Detected
Ross River IgM Not Detected

Ross River Comment

These results do not suggest recent infection. To completely exclude infection another sample is required at least 14 days after onset of symptoms.

Patient Name: BOYD, JEMMA
Patient Address: 114 HIGHFIELD LANE, NARRABRI 2390

D.O.B: 13/02/1997
Medicare No.: 2808168492
Lab. Reference: 6362934S015
Addressee: DR OKWUN OJAH

Sex at Birth: F
IHI No.:
Provider: SYDPATH
Referred by: Dr OKWUN OJAH

Date Requested: 30/08/2023
Date Collected: 31/08/2023

Date Performed: 31/08/2023
Complete: Final

Specimen:
Subject(Test Name): EBV SEROLOGY
Clinical Information:

Viral Serology (serum)

EBV VCA IgG Interp Reactive
EBV VCA IgM Interp NonReactive

Epstein Barr Virus Comment

These results suggest past infection with Epstein Barr virus.

Tests Pending: Ross River Virus Serology

Patient Name: BOYD, JEMMA
Patient Address: 114 HIGHFIELD LANE, NARRABRI 2390
D.O.B: 13/02/1997
Medicare No.: 2808168492
Lab. Reference: 6362934Z048
Addressee: DR OKWUN OJAH

Sex at Birth: F
IHI No.:
Provider: SYDPATH
Referred by: Dr OKWUN OJAH

Date Requested: 30/08/2023
Date Collected: 31/08/2023

Date Performed: 31/08/2023
Complete: Final

Specimen:
Subject(Test Name): B12 AND FOLATE
Clinical Information:

	Current Result	Previous results for comparison only			Reference (for this collection)
Date:	31/08/23	21/03/22	14/10/20		
Time:	08:20	09:40	10:15		
Request No.:	6362934	6321207	6180865	Units	

B12 and Folate

Vitamin B12 serum	159	156		pmol/L	>140
Active B12	56	58		pmol/L	>35
Active B12 Commen	INDETB12	INDETB12			
Folate serum			22.9	nmol/L	

Comments: (31/08/2023 08:20 Episode No. 6362934)

INDETB12: VITAMIN B12. Total B12 result is indeterminate however Active B12 (Holotranscobalamin) greater than 35 pmol/L makes significant deficiency of vitamin B12 unlikely.

Tests Pending: EBV Serology,Ross River Virus Serology

Patient Name: BOYD, JEMMA
Patient Address: 114 HIGHFIELD LANE, NARRABRI 2390
D.O.B: 13/02/1997
Medicare No.: 2808168492
Lab. Reference: 6362934Z004
Addressee: DR OKWUN OJAH

Sex at Birth: F
IHI No.:
Provider: SYDPATH
Referred by: Dr OKWUN OJAH

Date Requested: 30/08/2023
Date Collected: 31/08/2023

Date Performed: 31/08/2023
Complete: Final

Specimen:
Subject(Test Name): ENDOCRINOLOGY
Clinical Information:

	Current Result	Previous results for comparison only					Reference (for this collection)
Date:	31/08/23	15/09/21	11/11/20	14/10/20			
Time:	08:20	09:10	08:23	10:15			
Request No.:	6362934	6202588	6182486	6180865	Units		

Endocrinology

LH		<0.5			IU/L	
FSH		0.6			IU/L	
DHEAS		3.7			umol/L	
Oestradiol		<60			pmol/L	
Progesterone		1.5			nmol/L	
Testosterone		1.0			nmol/L	
SHBG		93			nmol/L	
Free Androgen Ind		1.1				
25 OH Vitamin D	56		54	51	nmol/L	50-150
Insulin		9.0		23.0	H mU/L	
LH comment		1hrfn1				
FSH comment		fshfbc1				
DHEAS comment		dhsnf				
Oestradiol commen		e2rfbc				
Progesterone comm		pgsfbc				
Vitamin D comment	25DCOM	25DCOM	25DCOM			

Comments: (31/08/2023 08:20 Episode No. 6362934)

25DCOM: Vitamin D clinical decision point for 25-hydroxy vitamin D:
(Med J Aust 2005;182:281-5)

Mild deficiency: 25 - 50 nmol/L
Moderate deficiency: 13 - 25 nmol/L
Severe deficiency: < 13 nmol/L

Tests Pending: EBV Serology, Ross River Virus Serology

Patient Name: BOYD, JEMMA
Patient Address: 114 HIGHFIELD LANE, NARRABRI 2390
D.O.B: 13/02/1997
Medicare No.: 2808168492
Lab. Reference: 6362934Z047
Addressee: DR OKWUN OJAH

Sex at Birth: F
IHI No.:
Provider: SYDPATH
Referred by: Dr OKWUN OJAH

Date Requested: 30/08/2023
Date Collected: 31/08/2023

Date Performed: 31/08/2023
Complete: Final

Specimen:
Subject(Test Name): IRON STUDIES
Clinical Information:

	Current Result	Previous results for comparison only				Reference (for this collection)
Date:	31/08/23	21/03/22	14/10/20			
Time:	08:20	09:40	10:15			
Request No.:	6362934	6321207	6180865	Units		
Iron Studies						
Ferritin serum	18	28	28	ug/L		15-150
Iron serum	14	11	10	umol/L		10-30
Transferrin	2.8	2.9	3.2	g/L		2.0-3.5
Transferrin satn	20	15	12 L	%		15-50

Tests Pending: 25VitD,Vit B12,EBV Serology,Ross River Virus Serology

Patient Name: BOYD, JEMMA
Patient Address: 114 HIGHFIELD LANE, NARRABRI 2390
D.O.B: 13/02/1997
Medicare No.: 2808168492
Lab. Reference: 6362934Z040
Addressee: DR OKWUN OJAH

Sex at Birth: F
IHI No.:
Provider: SYDPATH
Referred by: Dr OKWUN OJAH

Date Requested: 30/08/2023
Date Collected: 31/08/2023

Date Performed: 31/08/2023
Complete: Final

Specimen:
Subject(Test Name): THYROID FUNCTION TESTS
Clinical Information:

	Current Result	Previous results for comparison only					Reference
Date:	31/08/23	21/03/22	14/10/20	26/06/19		(for this	
Time:	08:20	09:40	10:15	09:45		collection)	
Request No.:	6362934	6321207	6180865	6153673	Units		

Thyroid Testing (serum/plasma)

TSH	1.54	2.14	1.43	2.27	mIU/L	0.40-4.80
Free T4				8.0	pmol/L	
TFT com.	TFTCOM1	TFTCOM1	TFTCOM1	TFTCOM		

Comments: (31/08/2023 08:20 Episode No. 6362934)

TFTCOM1: THYROID FUNCTION TESTS: TSH, free T4 and free T3 measured using Beckman-Coulter method (Dr Graham Jones).

Tests Pending: 25VitD,Vit B12,Ferritin,EBV Serology,Ross River Virus Serology

Patient Name: BOYD, JEMMA
Patient Address: 114 HIGHFIELD LANE, NARRABRI 2390
D.O.B: 13/02/1997
Medicare No.: 2808168492
Lab. Reference: 6362934Z049
Addressee: DR OKWUN OJAH

Sex at Birth: F
IHI No.:
Provider: SYDPATH
Referred by: Dr OKWUN OJAH

Date Requested: 30/08/2023
Date Collected: 31/08/2023

Date Performed: 31/08/2023
Complete: Final

Specimen:

Subject(Test Name): BHCG

Clinical Information:

	Current Result	Previous results for comparison only		
Date:	31/08/23	21/03/22	27/06/19	
Time:	08:20	09:40	09:20	
Request No.:	6362934	6321207	6153717	Units

BhCG (serum/plasma)

bhCG	<2	<2	<2	IU/L
bhCG comment	hcgfn	hcgfn	hcgfn	

Comments: (31/08/2023 08:20 Episode No. 6362934)

hcgfn: b-hCG Reference Intervals (serum/plasma on Beckman-Coulter DXI):

Females:

Less than 40 years: 0-5 IU/L

40 years or older: 0-10 IU/L

Pregnancy: < 5 IU/L - negative (repeat if <4 weeks past last period)

5 - 25 IU/L - borderline (suggest repeat in 48 hours)

25 - 250 IU/L - pregnant 3rd or 4th week from last period.

250 - 1,200 IU/L - pregnant 4th,5th or 6th week from last period.#

1,200 - 5,000 IU/L - pregnant 5th or 6th week from last period.#

5,000 - 10,000 IU/L - pregnant 5th,6th or 7th week from last period.#

10,000 - 40,000 IU/L - pregnant 6th or 7th week from last period.#

40,000 - 200,000 IU/L - pregnant 7th to 12th week from last period.#

As hCG rises to a peak at 12 weeks then falls towards term these values may also be found in the 2nd and 3rd trimester.

NOTE: If hCG is elevated without an obvious cause please contact lab.

Tests Pending: 25VitD,TSH,Vit B12,Ferritin,EBV Serology,Ross River Virus Serology

Patient Name: BOYD, JEMMA
Patient Address: 114 HIGHFIELD LANE, NARRABRI 2390
D.O.B: 13/02/1997
Medicare No.: 2808168492
Lab. Reference: 6362934Z020
Addressee: DR OKWUN OJAH

Sex at Birth: F
IHI No.:
Provider: SYDPATH
Referred by: Dr OKWUN OJAH

Date Requested: 30/08/2023
Date Collected: 31/08/2023

Date Performed: 31/08/2023
Complete: Final

Specimen:
Subject(Test Name): HAEMATOLOGY
Clinical Information:

	Current Result	Previous results for comparison only					Reference (for this collection)
Date:	31/08/23	21/03/22	15/09/21	14/10/20			
Time:	08:20	09:40	09:10	10:15			
Request No.:	6362934	6321207	6202588	6180865	Units		

Full Blood Count

White Cell Count	6.7	8.3	6.5	6.9	10 ⁹ /L	4.0-11.0
Red Cell Count	5.3	5.7	5.3	5.2	10 ¹² /L	3.8-5.8
Haemoglobin	152	170 H	154	152	g/L	115-165
Haematocrit	0.46	0.50 H	0.46	0.46		0.37-0.47
MCV	86	87	86	88	fL	76-96
MCH	28.8	29.6	29.2	29.3	pg	27.0-32.0
MCHC	333	340	338	332	g/L	320-360
RDW	13.2	14.2	14.1	13.6	%	11.5-14.5
Platelet Count	250	218	236	274	10 ⁹ /L	150-400
Neutrophils	3.9	4.8	3.3	4.2	10 ⁹ /L	2.0-7.5
Lymphocytes	2.3	2.9	2.6	2.3	10 ⁹ /L	1.5-4.0
Monocytes	0.4	0.4	0.5	0.3	10 ⁹ /L	0.2-1.0
Eosinophils	0.1	0.2	0.1	0.1	10 ⁹ /L	0.0-0.4
Basophils	0.0	0.0	0.0	0.0	10 ⁹ /L	0.0-0.1
FBC Comment		Comments				

Manual Haematology Tests

ESR (Manual) 1 mm/h 0-10

Tests Pending: 25VitD,BhCG,TSH,Vit B12,Iron Studies,Ferritin,EBV Serology,Ross River Virus Serology

Patient Name: BOYD, JEMMA
Patient Address: 114 HIGHFIELD LANE, NARRABRI 2390
D.O.B: 13/02/1997
Medicare No.: 2808168492
Lab. Reference: 63629341102
Addressee: DR OKWUN OJAH

Sex at Birth: F
IHI No.:
Provider: SYDPATH
Referred by: Dr OKWUN OJAH

Date Requested: 30/08/2023
Date Collected: 31/08/2023
Specimen:

Date Performed: 31/08/2023
Complete: Final

Subject(Test Name): C-REACTIVE PROTEIN MEASUREMENT
Clinical Information:

	Current Result	Previous results for comparison only	Reference (for this collection)
Date:	31/08/23		
Time:	08:20		
Request No.:	6362934	Units	

Acute Phase Reactants (serum/plasma)

C-Reactive protei	1.1	mg/L	<5.0
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Tests Pending: 25VitD,BhCG,TSH,ESR (Manual),Vit B12,Iron Studies,Ferritin,EBV Serology,Ross River Virus Serology

Patient Name: BOYD, JEMMA
Patient Address: 114 HIGHFIELD LANE, NARRABRI 2390
D.O.B: 13/02/1997
Medicare No.: 2808168492
Lab. Reference: 6362934Z001
Addressee: DR OKWUN OJAH

Sex at Birth: F
IHI No.:
Provider: SYDPATH
Referred by: Dr OKWUN OJAH

Date Requested: 30/08/2023
Date Collected: 31/08/2023

Date Performed: 31/08/2023
Complete: Final

Specimen:
Subject(Test Name): ROUTINE CHEMISTRY
Clinical Information:

	Current Result	Previous results for comparison only					Reference
Date:	31/08/23	21/03/22	15/09/21	14/10/20			(for this collection)
Time:	08:20	09:40	09:10	10:15			
Request No.:	6362934	6321207	6202588	6180865	Units		

Electrolytes (serum/plasma)

Sodium	142	142	142	140	mmol/L	135-145
Potassium	4.2	4.3	4.6	4.3	mmol/L	3.5-5.2
Chloride	106	106	106	106	mmol/L	95-110
Bicarbonate	25	25	30	23	mmol/L	22-32
Urea	2.9 L	4.2	3.0	3.6	mmol/L	3.0-7.0
Creatinine	69	73	67	62	umol/L	45-90
eGFR	>90	>90	>90	>90	mL/mn/1.73m2	>60

Liver Function Tests (serum/plasma)

Total protein	67	69	64	66	g/L	60-80
Albumin	42	44	38	39	g/L	33-48
Bilirubin total	23 H	24 H	29 H	12	umol/L	0-20
Alkaline phosphat	87	69	67	66	U/L	30-110
ALT	16	15	39 H	15	U/L	0-35
AST	16	17	26	18	U/L	0-30
GGT	13	15	23	21	U/L	0-35
LDH	130	156	135	164	U/L	0-430

Glucose Testing

Glucose (fasting)	5.1	4.4	4.8		mmol/L	3.0-5.5
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Tests Pending: 25VitD, BhCG, TSH, ESR (Manual), Vit B12, Iron Studies, Ferritin, EBV Serology, Ross River Virus Serology

Patient Name: BOYD, JEMMA
Patient Address: 114 HIGHFIELD LANE, NARRABRI 2390
D.O.B: 13/02/1997
Medicare No.: 2808168492
Lab. Reference: 6362934Z045
Addressee: DR OKWUN OJAH

Sex at Birth: F
IHI No.:
Provider: SYDPATH
Referred by: Dr OKWUN OJAH

Date Requested: 30/08/2023

Date Performed: 31/08/2023

Date Collected: 31/08/2023

Complete: Final

Specimen:

Subject(Test Name): LIPID STUDIES

Clinical Information:

	Current Result	Previous results for comparison only		Reference (for this collection)
Date:	31/08/23			
Time:	08:20			
Request No.:	6362934		Units	

Lipid Studies

	Fasting		
Cholesterol	4.5	mmol/L	0.0-6.0
Triglyceride	0.8	mmol/L	0.0-2.0
HDL Cholesterol	1.1	mmol/L	>1.0
LDL Cholesterol	3.0	mmol/L	0.0-4.0
Non-HDL Chol.	3.4	mmol/L	0.0-4.0
Chol:HDL ratio	4.1		
Lipids comment	liprng		

Comments: (31/08/2023 08:20 Episode No. 6362934)

liprng: Lipid targets for patients at high risk of cardiovascular disease:

Total Cholesterol <4.0 mmol/L HDL Cholesterol >1.0 mmol/L
Non-HDL Cholesterol <2.5 mmol/L Triglycerides <2.0 mmol/L
LDL Cholesterol <2.0 mmol/L, <1.8 mmol/L for secondary prevention.
(Lipid target ranges from Australian Heart Foundation)

For cardiovascular risk prediction including lipid see www.cvdcheck.org.au.
Reference limits for lipids are provided for general advice only and identify
approximately 15% of the adult population.

Tests Pending: 25VitD, BhCG, TSH, ESR (Manual), Vit B12, Iron Studies, Ferritin, EBV Serology, Ross River
Virus Serology

Patient Name: BOYD, JEMMA
Patient Address: 114 HIGHFIELD LANE, NARRABRI 2390
D.O.B: 13/02/1997
Medicare No.: 2808168492
Lab. Reference: 6370707Z040
Addressee: DR OKWUN OJAH

Sex at Birth: F
IHI No.:
Provider: SYDPATH
Referred by: Dr OKWUN OJAH

Date Requested: 11/01/2024

Date Performed: 12/01/2024

Date Collected: 12/01/2024

Complete: Final

Specimen:

Subject(Test Name): THYROID FUNCTION TESTS

Clinical Information:

	Current Result	Previous results for comparison only					
Date:	12/01/24	31/08/23	21/03/22	14/10/20		Reference	
Time:	08:25	08:20	09:40	10:15		(for this	
Request No.:	6370707	6362934	6321207	6180865	Units	collection)	

Thyroid Testing (serum/plasma)

TSH	1.87	1.54	2.14	1.43	mIU/L	0.40-4.80
Free T4	12.9				pmol/L	8.0-16.0
Free T3	4.8				pmol/L	4.0-6.0
TFT com.	TFTCOM1	TFTCOM1	TFTCOM1	TFTCOM1		

Comments: (12/01/2024 08:25 Episode No. 6370707)

TFTCOM1: THYROID FUNCTION TESTS: TSH, free T4 and free T3 measured using Beckman-Coulter method (Dr Graham Jones).

Patient Name: BOYD, JEMMA
Patient Address: 114 HIGHFIELD LANE, NARRABRI NSW 2390
D.O.B: 13/02/1997 **Sex at Birth:** F
Medicare No.: 2808168492 **IHI No.:**
Lab. Reference: **Provider:** YourNameHere
Addressee: DR OKWUN OJAH **Referred by:** Dr Okwun OJAH
Date Requested: 11/01/2024 **Date Performed:** 15/01/2024
Date Collected: 15/01/2024 **Complete:**
Specimen:
Subject(Test Name): US Thyroid
Clinical Information:

Patient ID: 107.1028109
Dr Okwun OJAH

Order: 107.6730472_1

15 January 2024 Patient ID:107.1028109
Dr Okwun OJAH Order: 107.6730472
NARRABRI MEDICAL CENTRE Go Sonics - Narrabri
110 Tibbereena Street Ref: LR
NARRABRI 2390
narrabmc@promedicus.net

cc: GO SONICS ULTRASOUND

Re: Ms Jemma BOYD - DOB: 13/02/1997
114 Highfield Lane NARRABRI 2390

ULTRASOUND THYROID

Clinical History: Weight problems, recent MRI revealed empty sella syndrome.
Further diagnostic workup.

Findings: The right lobe of the thyroid measures 3.5 x 1.2 x 1.5cm, in keeping
with a volume of 3mL.
The left lobe of the thyroid measures 3.7 x 0.4 x 1.4cm, in keeping with a
volume of 3mL.
The isthmus measures an AP dimension of 2mm.

Normal echotexture and normal vascularity is observed in the thyroid. No nodules
are identified in the thyroid. There are no lesions in the neck. Normal
appearing lymph nodes are observed in the neck. There is no lymphadenopathy.

Comment: No abnormalities are identified.

Thank you for your referral.

Kind regards,

DR PAUL LOWENSTEIN
MBBS. (Hon). PhD. FRANZCR

Electronically signed by Dr Paul Lowenstein at 2:47 PM Wed, 17 Jan 2024