

Patient Name: ANDRONICOS, PETER
Patient Address: 14 DORRETTI CIRCUIT, UPPER COOMERA 4209
D.O.B: 25/08/1983 **Gender:** M
Medicare No.: 44512524711 **IHI No.:**
Lab. Reference: 22-7587621-HOR-0 **Provider:** 4Cyte Pathology
Addressee: DR JENNY **Referred by:** Dr JENNY
MELGAREJO-MENDIETA MELGAREJO-MENDIETA

Date Requested: 31/08/2022 **Date Performed:** 10/10/2022
Date Collected: 10/10/2022 **Complete:** No
Specimen:
Subject(Test Name): HORMONES
Clinical Information:

Clinical Notes: testosterone replacement
Pathologist: Dr P. Stewart

Reproductive Hormones (Serum)

Coll Date:	22/04/21	13/05/22	10/10/22	
Coll Time:	09:45	07:58	07:30	
Lab Number:	2943020	6606182	7587621	
LH		4.4		(1.5-9.0) U/L
FSH		4.5		(1.4-8.4) IU/L
Oestradiol	< 43		74	(< 146) pmol/L
Progesterone	1.5		4.0 H	(0.9-3.9) nmol/L
DHEAS	8.7		7.2	(1.0-15.0) umol/L
Testosterone	5.5 L	12.8	41.8 H	(8.3-31.8) nmol/L
SHBG	25		10 L	(14-95) nmol/L
Prolactin	161		166	(45-375) mIU/L
Bioav.Testo.	2.6		35.9 H	(2.5-12.0) nmol/L
FAI	22.0		418.0 H	(14.5-80.3) %

History noted.

Tests to follow: All Tests now completed

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Lab. Reference: 22-7587621-LPM-0 **Provider:** 4Cyte Pathology
Addressee: DR JENNY **Referred by:** Dr JENNY
MELGAREJO-MENDIETA MELGAREJO-MENDIETA

Date Requested: 31/08/2022 **Date Performed:** 10/10/2022
Date Collected: 10/10/2022 **Complete:** No
Specimen:
Subject(Test Name): LIPID STUDIES
Clinical Information:

Clinical Notes: testosterone replacement
Pathologist: Dr P. Stewart

Lipid Studies (Serum)

Coll Date:	22/04/21	13/05/22	10/10/22
Coll Time:	09:45	07:58	07:30
Lab Number:	2943020	6606182	7587621

Status	Fasting	Fasting	Fasting			
Cholesterol	6.6 H	6.0 H	5.9 H	(< 5.6)		mmol/L
Triglyceride	1.1	1.0	1.1	(< 2.1)		mmol/L
HDL-c	1.0	1.1	0.6 L	(> 0.9)		mmol/L
LDL-c	5.1 H	4.4 H	4.8 H	(< 3.1)		mmol/L
TC/HDL-c	6.6 H	5.4 H	9.8 H	(< 4.5)		
Non-HDL-c	5.6 H	4.9 H	5.3 H	(< 4.1)		mmol/L

National Heart Foundation treatment targets for high risk patients:

Cholesterol	<4.0
Triglyceride	<2.0
HDL-c	>1.0
LDL-c	<2.5 (<1.8 mmol/L for very high risk)
Non-HDL-c	<3.3 (<2.5 mmol/L for very high risk)

Tests to follow: HOR

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Lab. Reference: 22-7587621-RCM-0 **Provider:** 4Cyte Pathology
Addressee: DR JENNY **Referred by:** Dr JENNY
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Date Requested: 31/08/2022 **Date Performed:** 10/10/2022
Date Collected: 10/10/2022 **Complete:** No

Specimen:
Subject(Test Name): BIOCHEMISTRY, SERUM
Clinical Information:

Clinical Notes: testosterone replacement
Pathologist: Dr P. Stewart

Biochemistry (Serum)

	22/04/21	13/05/22	10/10/22		
Coll Date:	22/04/21	13/05/22	10/10/22		
Coll Time:	09:45	07:58	07:30		
Lab Number:	2943020	6606182	7587621		
Sodium	139	140	139	(135-145)	mmol/L
Potassium	4.5	4.6	5.0	(3.5-5.5)	mmol/L
Chloride	107	106	105	(95-110)	mmol/L
Bicarbonate	29	29	29	(22-32)	mmol/L
Anion Gap	8	10	10	(8-19)	mmol/L
Urea	7.8	7.1	5.3	(3.2-8.2)	mmol/L
Creatinine	106	108	108	(60-110)	umol/L
eGFR	76	74	74	(> 59)	
Urate	0.44	0.43	0.39	(0.20-0.45)	mmol/L
Total Protein	72	69	74	(60-80)	g/L
Globulin	29	29	31	(23-39)	g/L
Albumin	43	40	43	(34-50)	g/L
Bilirubin	19	12	10	(< 21)	umol/L
Alk. Phosphatase	63	51	37	(30-110)	U/L
Gamma GT	11	14	10	(< 51)	U/L
ALT	34	21	77	H (< 40)	U/L
AST	41	20	46	H (< 35)	U/L
LD	193	142	175	(120-250)	U/L
Calcium	2.54	2.51	2.54	(2.10-2.60)	mmol/L
Adj. Calcium	2.48	2.51	2.48	(2.10-2.60)	mmol/L
Phosphate	1.20	1.16	0.97	(0.75-1.50)	mmol/L
Magnesium		0.81		(0.70-1.10)	mmol/L

Tests to follow: HOR

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IHI No.:
Lab. Reference: 22-7587621-THM-0
Provider: 4Cyte Pathology
Addressee: DR JENNY
Referred by: Dr JENNY
MELGAREJO-MENDIETA

Date Requested: 31/08/2022
Date Performed: 10/10/2022
Date Collected: 10/10/2022
Complete: No
Specimen:
Subject(Test Name): THYROID
Clinical Information:

Clinical Notes: testosterone replacement
Pathologist: Dr P. Stewart

Thyroid (Serum)

Coll Date:	22/04/21	13/05/22	10/10/22		
Coll Time:	09:45	07:58	07:30		
Lab Number:	2943020	6606182	7587621		
TSH	2.30	2.91	3.09	(0.50-4.00)	mIU/L
Free T4		15.6		(10.0-22.7)	pmol/L

Euthyroid.

Tests to follow: HOR, FATS, CHEM

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Date Requested: 31/08/2022 **Date Performed:** 10/10/2022
Date Collected: 10/10/2022 **Complete:** No
Specimen:
Subject(Test Name): FULL BLOOD COUNT
Clinical Information:

Clinical Notes: testosterone replacement
Pathologist: Dr C. Harris

Full Blood Count (Whole Blood)

	22/04/21	13/05/22	10/10/22		
Coll Date:	22/04/21	13/05/22	10/10/22		
Coll Time:	09:45	07:58	07:30		
Lab Number:	2943020	6606182	7587621		
HAEMOGLOBIN	173	164	178	(130-180)	g/L
RBC	6.1	5.7	6.5	(4.5-6.5)	10 ¹² /L
HCT	0.53 H	0.49	0.54 H	(0.38-0.52)	
MCV	87.2	87.0	83.5	(80.0-100.0)	fL
MCH	28	29	28	(26-32)	pg
MCHC	324	331	330	(300-360)	g/L
RDW	13.3	12.1	13.6	(< 15.1)	%
WCC	7.1	5.6	6.5	(4.0-11.0)	
Neutrophils	3.6	2.9	3.8	(2.0-8.0)	
Lymphocytes	2.9	2.2	2.0	(1.0-4.0)	
Monocytes	0.4	0.4	0.4	(0.2-1.0)	
Eosinophils	0.1	0.1	0.2	(< 0.8)	
Basophils	0.0	0.0	0.0	(< 0.2)	
PLATELETS	292	256	278	(150-400)	10 ⁹ /L
MPV	7.5	7.0	6.8	(6.5-11.0)	fL

\$WBC

No significant abnormality.

Tests to follow: HOR, FATS, CHEM

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Lab. Reference: 22-7587621-FEM-0 **Provider:** 4Cyte Pathology
Addressee: DR JENNY **Referred by:** Dr JENNY
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Date Requested: 31/08/2022 **Date Performed:** 10/10/2022
Date Collected: 10/10/2022 **Complete:** No
Specimen:
Subject(Test Name): IRON STUDIES
Clinical Information:

Clinical Notes: testosterone replacement
Pathologist: Dr C. Harris

Iron Studies (Serum)

Coll Date:	22/04/21	13/05/22	10/10/22		
Coll Time:	09:45	07:58	07:30		
Lab Number:	2943020	6606182	7587621		
Ferritin	168	173	114	(30-300)	ug/L
Iron	22	19	14	(11-30)	umol/L
Transferrin	2.7	4.2 H	2.7	(2.0-3.6)	g/L
Transferrin Sat.	32	18 L	21	(20-50)	%

Tests to follow: HOR, FBC, FATS, CHEM, TFT

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Lab. Reference: 22-7587621-GLM-0 **Provider:** 4Cyte Pathology
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Date Requested: 31/08/2022 **Date Performed:** 10/10/2022
Date Collected: 10/10/2022 **Complete:** No
Specimen:
Subject(Test Name): GLUCOSE
Clinical Information:

Clinical Notes: testosterone replacement
Pathologist: Dr P. Stewart

Glucose (Serum)

Coll Date:	22/04/21	13/05/22	10/10/22
Coll Time:	09:45	07:58	07:30
Lab Number:	2943020	6606182	7587621

Glucose Random	5.2			(3.0-7.7)	mmol/L
Glucose Fasting		5.2	5.7 H	(3.0-5.4)	mmol/L

Glucose result in the equivocal range. No documented laboratory history of diabetes. Recommend: a) testing for HbA1c or GTT to resolve diabetic status and b) annual testing if impaired status confirmed.

Tests to follow: HOR, FBC, FATS, CHEM, TFT