

Iron		10	7	(5-30)	umol/L
Transferrin		3.3 H	3.3 H	(1.9-3.1)	g/L
TIBC		82 H	83 H	(47-77)	umol/L
Trans Sat		12 L	8 L	(20-45)	%
Ferritin	12 L	5 L	6 L	(30-300)	ug/L
CRP	1.1			(<5)	mg/L

Comments on Collection 13-Nov-24 0747 F:

Iron Studies

Consistent with iron deficiency. During reproductive years, iron deficiency in women commonly reflects menstrual losses or multiparity. However, a low dietary iron intake should also be considered, and investigation of the GIT for a source of blood loss may be indicated.

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies, Magnesium, E/LFT, TSH, Vitamin D

Tests Pending : FBE

Sample Pending :

BOWEN, EMMA

50 BELLAMY DRIVE, TOLGA. 4882

Phone: 0415870919

Birthdate: 25/07/1978 Sex: F Medicare Number: 4227193516

Your Reference: 11B91CF4E1 Lab Reference: 683550106-C-C140

Laboratory: SNP

Addressee: DR LAURA A VALLERINE Referred by: DR LAURA A VALLERINE

Name of Test: S- ROUTINE CHEMISTRY

Requested: 22/03/2024 Collected: 13/11/2024 Reported: 14/11/2024

04:59

Clinical notes: routine - follow up

Clinical Notes : routine - follow up

Chemistry (serum)

	Latest Results					
Date	19-Jul-21	21-Mar-22	12-Apr-23	13-Nov-24		
Time F-Fast	0817	1127	1553	0747 F		
Lab Id.	661101733	666641794	671512439	683550106	Reference	Units
Sodium	133 L	137	137	135	(135-145)	mmol/L
Potassium	4.4	3.9	3.8	4.0	(3.5-5.5)	mmol/L
Chloride	105	105	107	106	(95-110)	mmol/L
Bicarbonate	20	23	22	21	(20-32)	mmol/L
Anion Gap	8	9	8	8	(<16)	mmol/L
Calcium (Corr.)	2.26	2.25	2.25	2.27	(2.10-2.60)	mmol/L
Phosphate	1.10	0.98	1.15	1.26	(0.80-1.50)	mmol/L
Urea	3.9	3.7	6.7	6.8	(2.5-7.0)	mmol/L
Urate	0.214	0.221	0.212	0.205	(0.150-0.400)	mmol/L
Creatinine	64	62	80	61	(45-85)	umol/L
eGFR	>90	>90	78	>90	(>59)	
Fast. Glucose				4.6	(3.6-6.0)	mmol/L
Random Glucose	5.1	4.3	4.9		(3.6-7.7)	mmol/L
Total Protein	72	71	73	69	(64-81)	g/L

Albumin	40	43	42	39	(33-46)	g/L
Globulin	32	28	31	30	(23-43)	g/L
T Bilirubin	7	5	<5	6	(<16)	umol/L
ALP	41	46	48	37	(20-105)	U/L
AST	28	21	18	26	(10-35)	U/L
ALT	18	14	13	24	(5-30)	U/L
GGT	11	11	14	14	(5-35)	U/L
LD	264 H	188	190	197	(<250)	U/L
Cholesterol	6.2 H	6.6 H	8.1 H	8.8 H	(<5.6)	mmol/L
Magnesium		0.78	0.81	0.88	(0.70-1.10)	mmol/L
Haemolysis Index	41 H	6	1	4	(<40)	mg/dL

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies, Magnesium, E/LFT, TSH, Vitamin D
 Tests Pending : FBE
 Sample Pending :

BOWEN, EMMA
 50 BELLAMY DRIVE, TOLGA. 4882

Phone: 0415870919

Birthdate: 25/07/1978 Sex: F Medicare Number: 4227193516

Your Reference: 11B91CF4E1 Lab Reference: 683550106-C-C847

Laboratory: SNP

Addressee: DR LAURA A VALLERINE Referred by: DR LAURA A VALLERINE

Copy to:

ATTN: QLD CANCER REGISTRY

Name of Test: S- LIPID PROFILE

Requested: 22/03/2024 Collected: 13/11/2024 Reported: 14/11/2024
 10:59

Clinical notes: routine - follow up

Clinical Notes : routine - follow up

Lipid Profile

	Latest Results				Reference	Units
	19-Jul-21	21-Mar-22	12-Apr-23	13-Nov-24		
Date	0817	1127	1553	0747 F		
Time F-Fast	661101733	666641794	671512439	683550106		
Lab Id.						
Cholesterol	6.2 H	6.6 H	8.1 H	8.8 H	(<5.6)	mmol/L
Triglyceride				0.5	(<2.1)	mmol/L
HDL				2.88	(>1.09)	mmol/L
LDL				5.8 H	(<4.1)	mmol/L
Chol/HDL Ratio				3.1	(<4.6)	
Non HDLC				5.92 H	(<3.81)	mmol/L

Comments on Collection 13-Nov-24 0747 F:

HDL-Cholesterol

LDL is now calculated by the Sampson equation which allows an accurate result at higher triglyceride levels.

Significantly elevated LDL-C. Familial hypercholesterolaemia (FH) should be assessed for if secondary causes of elevated LDL-cholesterol including hypothyroidism, cholestasis and nephrotic syndrome have been excluded: <http://www.athero.org.au/fh/calculator> and recommend referral to lipid specialist for consideration of genetic testing for FH (Medicare-rebate only applies if referred by a non-GP specialist). See

Albumin	40	43	42	39	(33-46)	g/L
Globulin	32	28	31	30	(23-43)	g/L
T Bilirubin	7	5	<5	6	(<16)	umol/L
ALP	41	46	48	37	(20-105)	U/L
AST	28	21	18	26	(10-35)	U/L
ALT	18	14	13	24	(5-30)	U/L
GGT	11	11	14	14	(5-35)	U/L
LD	264 H	188	190	197	(<250)	U/L
Cholesterol	6.2 H	6.6 H	8.1 H	8.8 H	(<5.6)	mmol/L
Magnesium		0.78	0.81	0.88	(0.70-1.10)	mmol/L
Haemolysis Index	41 H	6	1	4	(<40)	mg/dL

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies, Magnesium, E/LFT, TSH, Vitamin D
 Tests Pending : FBE
 Sample Pending :

BOWEN, EMMA
 50 BELLAMY DRIVE, TOLGA. 4882

Phone: 0415870919

Birthdate: 25/07/1978 Sex: F Medicare Number: 4227193516

Your Reference: 11B91CF4E1 Lab Reference: 683550106-C-C847

Laboratory: SNP

Addressee: DR LAURA A VALLERINE Referred by: DR LAURA A VALLERINE

Copy to:

ATTN: QLD CANCER REGISTRY

Name of Test: S- LIPID PROFILE

Requested: 22/03/2024 Collected: 13/11/2024 Reported: 14/11/2024
 10:59

Clinical notes: routine - follow up

Clinical Notes : routine - follow up

Lipid Profile

	Latest Results					
Date	19-Jul-21	21-Mar-22	12-Apr-23	13-Nov-24		
Time F-Fast	0817	1127	1553	0747 F		
Lab Id.	661101733	666641794	671512439	683550106	Reference	Units
Cholesterol	6.2 H	6.6 H	8.1 H	8.8 H	(<5.6)	mmol/L
Triglyceride				0.5	(<2.1)	mmol/L
HDL				2.88	(>1.09)	mmol/L
LDL				5.8 H	(<4.1)	mmol/L
Chol/HDL Ratio				3.1	(<4.6)	
Non HDLC				5.92 H	(<3.81)	mmol/L

Comments on Collection 13-Nov-24 0747 F:

HDL-Cholesterol

LDL is now calculated by the Sampson equation which allows an accurate result at higher triglyceride levels.

Significantly elevated LDL-C. Familial hypercholesterolaemia (FH) should be assessed for if secondary causes of elevated LDL-cholesterol including hypothyroidism, cholestasis and nephrotic syndrome have been excluded: <http://www.athero.org.au/fh/calculator> and recommend referral to lipid specialist for consideration of genetic testing for FH (Medicare-rebate only applies if referred by a non-GP specialist). See

BOWEN, EMMA
Birthdate: 25/07/1978 Sex: F Medicare Number: 42271935161
Your Reference: Lab Reference: 3883881
Laboratory: North Queensland Xray
Addressee: Dr LAURA VALLERINE Referred by: Dr LAURA VALLERINE

Name of Test: PELVIC ULTRASOUND
Requested: 16/05/2023 Collected: 17/02/2024 Reported: 19/02/2024
16:40

This report is for: Dr L. Vallerine
Referred By:
Dr L. Vallerine

US PELVIS 17/02/2024 Reference: 3883881

ULTRASOUND PELVIS

CLINICAL: Follow up of fibroids.

FINDINGS:

LMP today; the patient was bleeding at the time of the study.
Transabdominal ultrasound performed. Transvaginal ultrasound declined.

The uterus is 18.8 x 6.9 x 9.9cm with a volume of 670.2cc.
There are multiple uterine fibroids;

1. Anterior subserosal 2.3 x 1.9 x 1.3cm.
2. Anterior subserosal 2.1 x 2.2 x 1.6cm.
3. Left subserosal 2.7 x 2.9 x 1.8cm.
4. Posterior intramural 3.4 x 2.3 x 2.5cm.
5. Submucosal right fundal 8.9 x 7.0 x 8.6cm.

The endometrium is maximally 8mm thick.

The right ovary measures 2.2 x 1.4 x 1.7cm with a volume of 2.8cc.

The left ovary measures 4.4 x 0.8 x 2.0cm with a volume of 3.5cc.

There is no adnexal mass or free fluid.

CONCLUSION:

Multiple uterine fibroid measuring up to 8.9cm. In 2021 there were two fibroids seen measuring up to 7.2cm.

Radiologist: Dr V. Hedayati

BOWEN, EMMA
Birthdate: 25/07/1978 Sex: F Medicare Number: 42271935161
Your Reference: Lab Reference: 4042324
Laboratory: North Queensland Xray
Addressee: Dr LAURA VALLERINE Referred by: Dr ALICE DOBINSON

Name of Test: PELVIC ULTRASOUND
Requested: 18/07/2024 Collected: 02/11/2024 Reported: 06/11/2024
08:00

This report is for: Dr L. Vallerine
Referred By:
Dr A. Dobinson

Copies:

Dr L. Vallerine

US PELVIS 02/11/2024 Reference: 4042324

ULTRASOUND PELVIS

CLINICAL: Surveillance of known fibroids.

FINDINGS:

LMP day 18. Transvaginal ultrasound was declined.

The uterus is anteverted with a volume of 639.6 cc.

On today's study multiple uterine fibroids are seen as follows:

1. Anterior subserosal 1.8 x 1.5 x 1.6 cm.
2. Anterior subserosal 2.4 x 1.7 x 2.0 cm.
3. Left subserosal 2.1 x 2.3 x 2.4 cm.
4. Posterior intramural 2.7 x 3.2 x 2.0 cm.
5. Submucosal right 7.3 x 6.3 x 7.9 cm.

There is a polyp at the left endometrial cavity of 2.2 x 0.7 x 1.2 cm with a vascular stalk.

The endometrium is 11.8 mm thick.

The right ovary measures 2.9 x 1.6 x 2.3 cm with a volume of 5.7 cc.

The left ovary measures 3.2 x 1.4 x 3.1 cm with a volume of 7.0 cc.

There is a dominant follicle of 17 mm in the left ovary.

There is no adnexal mass or free fluid.

CONCLUSION:

1. Multiple uterine fibroids measuring up to 7.9 cm.
2. Endometrial polyp of 22mm.

Radiologist: Dr V. Hedayati

BOWEN, EMMA

50 BELLAMY DRIVE, TOLGA. 4882

Phone: 0415870919

Birthdate: 25/07/1978 Sex: F Medicare Number: 4227193516

Your Reference: 11B91CF4E1 Lab Reference: 683550106-H-H900

Laboratory: SNP

Addressee: DR LAURA A VALLERINE Referred by: DR LAURA A VALLERINE

Name of Test: .BLOOD COUNT

Requested: 22/03/2024 Collected: 13/11/2024 Reported: 14/11/2024
06:59

Clinical notes: routine - follow up

Clinical Notes : routine - follow up

Haematology

Date	Latest Results				Reference	Units
	19-Jul-21	21-Mar-22	12-Apr-23	13-Nov-24		
Time F-Fast	0817	1127	1553	0747 F		
Lab Id.	661101733	666641794	671512439	683550106		
Haemoglobin	137	114 L	105 L	116	(115-165)	g/L
Haematocrit	0.43	0.36	0.33 L	0.37	(0.35-0.47)	
RCC	4.5	4.2	4.2	4.5	(3.9-5.6)	10*12/L
MCV	95	86	80	82	(80-100)	fL

WCC	7.5	6.8	7.4	5.8	(3.5-12.0)	10 ⁹ /L
Neutrophils	5.48	4.44	4.60	3.70	(1.5-8.0)	10 ⁹ /L
Lymphocytes	1.41	1.60	1.82	1.43	(1.0-4.0)	10 ⁹ /L
Monocytes	0.45	0.55	0.74	0.51	(0-0.9)	10 ⁹ /L
Eosinophils	0.08	0.11	0.14	0.12	(0-0.6)	10 ⁹ /L
Basophils	0.07	0.09	0.06	0.06	(0-0.15)	10 ⁹ /L
Platelets	260	266	255	262	(150-400)	10 ⁹ /L

HA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies, Magnesium , E/LFT, TSH, Vitamin D, FBE
 Tests Pending :
 Sample Pending :

BOWEN, EMMA
 50 BELLAMY DRIVE, TOLGA. 4882
 Phone: 0415870919
 Birthdate: 25/07/1978 Sex: F Medicare Number: 4227193516
 Your Reference: 11B91CF4E1 Lab Reference: 683550106-E-E030
 Laboratory: SNP
 Addressee: DR LAURA A VALLERINE Referred by: DR LAURA A VALLERINE

Name of Test: S- THYROID FUNCTION
 Requested: 22/03/2024 Collected: 13/11/2024 Reported: 14/11/2024
 04:59

Clinical notes: routine - follow up

Clinical Notes : routine - follow up

Thyroid Function Tests

	Latest Results					
Date	11-Mar-20	07-Sep-20	01-Feb-21	13-Nov-24		
Time F-Fast	1049	0949	0740 F	0747 F		
Lab Id.	652185906	655282148	656088013	683550106	Reference	Units
Free T4	14.4	15.0			(9.0-19.0)	pmol/L
Free T3	3.4	3.6			(2.6-6.0)	pmol/L
TSH	0.20 L	0.12 L	0.6	0.6	(0.3-3.5)	mIU/L

Comments on Collection 13-Nov-24 0747 F:
 Euthyroid

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies, Magnesium , E/LFT, TSH, Vitamin D
 Tests Pending : FBE
 Sample Pending :

BOWEN, EMMA
 50 BELLAMY DRIVE, TOLGA. 4882
 Phone: 0415870919
 Birthdate: 25/07/1978 Sex: F Medicare Number: 4227193516

Your Reference: 11B91CF4E1 Lab Reference: 683550106-E-E405
Laboratory: SNP
Addressee: DR LAURA A VALLERINE Referred by: DR LAURA A VALLERINE

Name of Test: S-VITAMIN D
Requested: 22/03/2024 Collected: 13/11/2024 Reported: 14/11/2024
04:59

Clinical notes: routine - follow up

Clinical Notes : routine - follow up

Date	15-Jul-19	11-Mar-20	19-Jul-21	13-Nov-24	Latest Results
Time F-Fast	1338	1049	0817	0747 F	
Lab Id.	648211944	652185906	661101733	683550106	Reference Units
Hydroxycalciferol	57	57	49 L	55	(50-150) nmol/L

Comments on Collection 13-Nov-24 0747 F:
According to the Position Statement 'Vitamin D and health in adults in Australia and New Zealand' MJA, 196(11):1-7, 2012, vitamin D status is defined as:

Vitamin D adequacy: >49 nmol/L at the end of winter
(levels may need to be 10-20 nmol/L higher at the end of summer, to allow for seasonal decrease.)
Mild vitamin D deficiency: 30-49 nmol/L
Moderate vitamin deficiency: 12.5-29 nmol/L
Severe vitamin D deficiency: < 12.5 nmol/L

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies, Magnesium, E/LFT, TSH, Vitamin D
Tests Pending : FBE
Sample Pending :

BOWEN, EMMA
50 BELLAMY DRIVE, TOLGA. 4882
Phone: 0415870919
Birthdate: 25/07/1978 Sex: F Medicare Number: 4227193516
Your Reference: 11B91CF4E1 Lab Reference: 683550106-C-H245
Laboratory: SNP
Addressee: DR LAURA A VALLERINE Referred by: DR LAURA A VALLERINE

Name of Test: .ANAEMIA
Requested: 22/03/2024 Collected: 13/11/2024 Reported: 14/11/2024
04:59

Clinical notes: routine - follow up

Clinical Notes : routine - follow up

Haematinics

Date	19-Jul-21	21-Mar-22	12-Apr-23	13-Nov-24	Latest Results
Time F-Fast	0817	1127	1553	0747 F	
Lab Id.	661101733	666641794	671512439	683550106	Reference Units