



Tel: 13 4CYTE
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Dr Shalini Ahlawat
Lotus Family Clinic

10 Smythes Road
Delacombe VIC 3356

Dominique HEWAT
943 Burrumbeet-Hillcrest R
Hillcrest VIC 3351
Dob: 27/09/92 Sex: F
Tel: 0439856335
Ref: 00015708
Lab No: 24-80914327-I

Clinical Notes: on nasojejunal feeds

HAEMATOLOGY

Full Blood Count (Whole Blood)

Coll Date:	08/10/24	13/09/24	25/09/23		
Coll Time:	11:15	10:24	12:13		
Lab Number:	80914327	80843831	11414129		
HAEMOGLOBIN	127	128	132	(115-165)	g/L
RBC	4.5	4.6	4.4	(3.8-5.8)	10 ¹² /L
HCT	0.40	0.40	0.38	(0.32-0.46)	
MCV	89.5	86.3	86.4	(80.0-100.0)	fL
MCH	29	28	30	(26-32)	pg
MCHC	318	320	347	(300-360)	g/L
RDW	12.1	13.5	12.1	(< 15.1)	%
WCC	4.4	5.9	5.5	(4.0-11.0)	10 ⁹ /L
Neutrophils	2.4	4.1	2.8	(2.0-8.0)	10 ⁹ /L
Lymphocytes	1.5	1.4	2.3	(1.0-4.0)	10 ⁹ /L
Monocytes	0.4	0.3	0.3	(0.2-1.0)	10 ⁹ /L
Eosinophils	0.1	0.1	0.1	(< 0.8)	10 ⁹ /L
Basophils	0.0	0.0	0.0	(< 0.2)	10 ⁹ /L
PLATELETS	255	265	240	(150-400)	10 ⁹ /L
MPV	11.0	8.9	7.8	(6.5-14.0)	fL

FBC parameters normal.

Collected: 08/10/24 11:15
Tests to follow: All Tests now completed

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Iron Studies (Serum)

Coll Date:	08/10/24	10/07/23	15/05/23		
Coll Time:	11:15	10:24	08:45		
Lab Number:	80914327	10817334	10411748		
Ferritin	18 L	36	125	(30-200)	ug/L
Iron	13	9	14	(9-30)	umol/L
Transferrin	2.5	2.3	2.3	(2.0-3.6)	g/L
Transferrin Sat.	21	16	24	(15-50)	%

Ferritin result is consistent with iron deficiency. During reproductive years, iron deficiency in women is usually due to menorrhagia. Other causes include: other blood loss (e.g. H. pylori, occult blood), pregnancy/lactation and decreased absorption (e.g. diet, coeliac).

B12/Folate (Serum)

Coll Date:	08/10/24	10/07/23	15/05/23		
Coll Time:	11:15	10:24	08:45		
Lab Number:	80914327	10817334	10411748		
Vitamin B12	447	725 H	234	(156-670)	pmol/L
Active Vit. B12		> 146	55	(> 35)	pmol/L
Serum Folate	28.5	31.0	26.8	(> 12.0)	nmol/L

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CHEMISTRY

Pathologist: A/Prof P. Stewart

Biochemistry (Serum)

Coll Date:	08/10/24	25/09/23	06/09/23		
Coll Time:	11:15	12:13	12:14		
Lab Number:	80914327	11414129	11268704		
Sodium	140	139	142	(135-145)	mmol/L
Potassium	4.3	3.5	3.8	(3.5-5.3)	mmol/L
Chloride	106	102	106	(95-110)	mmol/L
Bicarbonate	27	33 H	32	(22-32)	mmol/L
Anion Gap	11	8	8	(8-19)	mmol/L
Urea	4.2	3.5	4.9	(3.2-8.2)	mmol/L
Creatinine	55	52	55	(45-90)	umol/L
eGFR	> 90	> 90	> 90	(> 59)	
Total Protein	70	70	75	(60-80)	g/L
Globulin	32	32	35	(23-39)	g/L
Albumin	38	38	40	(34-50)	g/L
Bilirubin Total	10	8	11	(< 21)	umol/L
Alk. Phosphatase	66	49	59	(30-110)	U/L
Gamma GT	15	16	21	(< 36)	U/L
ALT	18	11	11	(< 35)	U/L
AST	15	18	14	(< 30)	U/L
CK	36			(30-150)	U/L
Calcium	2.38			(2.10-2.60)	mmol/L
Adj. Calcium	2.42			(2.10-2.60)	mmol/L
Phosphate	1.23			(0.75-1.50)	mmol/L
Magnesium	0.82			(0.70-1.10)	mmol/L

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Glucose (Serum/Plasma)

Coll Date:	08/10/24	02/05/23	17/11/22
Coll Time:	11:15	08:15	08:30
Lab Number:	80914327	10318403	7839705

Glucose Random	5.3		(3.0-7.7)	mmol/L
Glucose Fasting		4.0	4.6	(3.0-5.4) mmol/L

Diabetes unlikely (no documented laboratory history of diabetes). Retest every 3 years if low risk.

C-Reactive Protein (Serum)

Coll Date:	08/10/24	10/07/23
Coll Time:	11:15	10:24
Lab Number:	80914327	10817334

C-Reactive Prot.	< 0.5	< 0.5	(< 5.0)	mg/L
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Vitamin D and Metabolic Bone Markers (Serum)

Coll Date:	08/10/24	10/07/23	15/05/23
Coll Time:	11:15	10:24	08:45
Lab Number:	80914327	10817334	10411748

25-OH Vit D	33 L	76	66	(50-200)	nmol/L
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25-OH Vit D result consistent with mild deficiency. If commencing / altering supplementation, measure 25-OH Vit D again in three to four months. Target level > 50 nmol/L at the end of winter.

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Thyroid (Serum)

Coll Date:	08/10/24	10/07/23	15/05/23
Coll Time:	11:15	10:24	08:45
Lab Number:	80914327	10817334	10411748

TSH	1.81	1.12	0.70	(0.50-4.00)	mIU/L
TPO Ab			< 28.0	(< 60.0)	IU/mL
Thyroglobulin Ab			< 1.3	(< 4.5)	IU/mL
TSH-R Ab			< 0.10	(< 0.55)	IU/L

Euthyroid.

Trace Elements (Serum)

Coll Date:	08/10/24
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Zinc	7.2	L	(8.0-17.0)	umol/L
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