

Patient Health Summary

Name: Mr Benjamin Shaw
Address: 18 Highgate Lane
Robina 4226

Reedy Creek Medical Centre
Shop 8 - Woodland Plaza
50 Woodland Drive
Reedy Creek 4227
0755680332

D.O.B.: 14/02/1990
Record No.: 26325
Home Phone:
Work Phone:
Mobile Phone: 0428600385

Printed on 10th August 2023

Investigations:

Shaw, Benjamin
3 Wildflower Circuit, COOMERA. 4209
Phone: 0428600385
Birthdate: 14/02/1990 **Sex:** M **Medicare Number:** 27800318721
Your Reference: 2022CM0000244 **Lab Reference:** 2022CM0000244-1
Laboratory: QSCAN Radiology
Addressee: Dr. MAREK CIARKOWSKI **Referred by:** Dr. MAREK CIARKOWSKI
Copy to:
Dr Marek Ciarkowski

Name of Test: Ultrasound Neck/Thyroid/Parotid
Requested: 06/01/2022 **Collected:** 06/01/2022 **Reported:** 06/01/2022 14:38

Date of Service: 6/01/2022 2:19:00 PM

Addressee: CIARKOWSKI, Dr Marek

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ULTRASOUND NECK/THYROID/PAROTID

History

Low TSH with neck mass for review.

Findings

Note is made of ultrasound report dated 02/12/2020. The images are not available for comparison.

The right lobe of the thyroid measures 46 x 19 x 18 mm. The left lobe measures 45 x 24 x 23 mm AP diameter. Overall homogenous appearances of the thyroid parenchyma with two discrete nodules detected.

The first of these nodules is located at the lower pole of the right lobe measuring 23 x 12 x 22 mm, previously measured as 19 x 24 x 14 mm. It is a mixed solid cystic hypoechoic nodule with smooth margins and comet tail echogenic foci (overall TIRADS 3). The second nodule is noted at the midpole of the left lobe measuring 28 x 22 x 11 mm, previously measured as 33 x 23 x 25 mm with mixed solid cystic isoechoic appearances, smooth margins and comet tail echogenic foci (overall TIRADS 2).

No cervical lymphadenopathy.

Conclusion

Prior ultrasound is unavailable for comparison. Two thyroid nodules as described: 23 mm TIRADS 3 nodule right lower pole and 28 mm TIRADS 2 nodule left midpole. The discrepancy in the classification of these 2 nodules probably relates to the different interpretation of the nature of the calcific foci.

Thank you for referring Benjamin Shaw.

Dr Robert Keays

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SHAW, BENJAMIN
18 HIGHGATE LANE, ROBINA. 4226
Phone: 04 28600385
Birthdate: 14/02/1990 **Sex:** M **Medicare Number:** 35281801832
Your Reference: **Lab Reference:** 23-73354614-THY-0
Laboratory: QML Pathology
Addressee: DR MAREK CIARKOWSKI **Referred by:** DR MAREK CIARKOWSKI

Name of Test: THYROID TEST MASTER
Requested: 31/05/2023 **Collected:** 02/06/2023 **Reported:** 02/06/2023 19:48

Date 02/06/23
Time 06:50
Lab No 73354614

TSH < 0.02 mIU/L (0.50-4.00)
free T4 15 pmol/L (10-20)
free T3 6.5 pmol/L (2.8-6.8)

Tests Completed:TFT, IRON STUDIES, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT
Tests Completed:SE ZINC, SE VIT D, SE MG
Tests Pending :IGE LEVELS

SHAW, BENJAMIN
18 HIGHGATE LANE, ROBINA. 4226
Phone: 04 28600385
Birthdate: 14/02/1990 **Sex:** M **Medicare Number:** 35281801832
Your Reference: **Lab Reference:** 23-73354614-25T-0
Laboratory: QML Pathology
Addressee: DR MAREK CIARKOWSKI **Referred by:** DR MAREK CIARKOWSKI

Name of Test: E/LFT (MASTER)
Requested: 31/05/2023 **Collected:** 02/06/2023 **Reported:** 02/06/2023 16:58

SERUM CHEMISTRY - FASTING
Sodium 140 mmol/L (137-147)
Potassium 4.9 mmol/L (3.5-5.0)
Chloride 101 mmol/L (96-109)

Bicarbonate	27	mmol/L	(25-33)
Other Anions	17	mmol/L	(4-17)
Glucose	5.1	mmol/L	fasting (3.0-6.0)
Urea	6.6	mmol/L	(2.5-8.0)
Creatinine	86	umol/L	(60-130)
eGFR	> 90	mL/min	(over 59)
Uric Acid	0.30	mmol/L	(0.12-0.45)
Total Bilirubin	12	umol/L	(2-20)
Alk. Phos.	45	U/L	(30-115)
Gamma G.T.	28	U/L	(0-70)
+ ALT	54	U/L	(0-45)
AST	28	U/L	(0-41)
LD	151	U/L	(80-250)
Calcium	2.38	mmol/L	(2.15-2.60)
Adjusted for Albumin	2.31	mmol/L	(2.15-2.60)
Phosphate	1.2	mmol/L	(0.8-1.5)
Total Protein	72	g/L	(60-82)
Albumin	45	g/L	(35-50)
Globulins	27	g/L	(20-40)
Cholesterol	4.4	mmol/L	(3.6-6.7)
Triglycerides	0.6	mmol/L	fasting (0.3-2.2)

Tests Completed:FBC, SE E/LFT, SE ZINC, SE VIT D, SE MG

Tests Pending :TFT, IRON STUDIES, SERUM FOLATE, SERUM VITAMIN B12, IGE LEVELS

SHAW, BENJAMIN

18 HIGHGATE LANE, ROBINA. 4226

Phone: 04 28600385

Birthdate: 14/02/1990 Sex: M Medicare Number: 35281801832

Your Reference: Lab Reference: 23-73354614-IGE-0

Laboratory: QML Pathology

Addressee: DR MAREK CIARKOWSKI Referred by: DR MAREK CIARKOWSKI

Name of Test: IGE LEVELS

Requested: 31/05/2023 Collected: 02/06/2023 Reported: 05/06/2023 11:44

IMMUNOGLOBULIN

+ IgE (Immunoassay) 287 kIU/L (0-100)

Please Note: The units of this assay (kIU/L) are equivalent to IU/mL.

For enquiries, contact Dr Paul Campbell 07 3121 4444

Patients should contact their referring doctor in regard to this result.

Tests Completed:TFT, IRON STUDIES, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT

Tests Completed:SE ZINC, SE VIT D, SE MG, IGE LEVELS

Tests Pending :

SHAW, BENJAMIN

18 HIGHGATE LANE, ROBINA. 4226

Phone: 04 28600385

Birthdate: 14/02/1990 Sex: M Medicare Number: 35281801832

Your Reference: Lab Reference: 23-73354614-CBC-0

Laboratory: QML Pathology

Addressee: DR MAREK CIARKOWSKI Referred by: DR MAREK CIARKOWSKI

Name of Test: MASTER FULL BLOOD COUNT

Requested: 31/05/2023 Collected: 02/06/2023 Reported: 02/06/2023 14:52

FULL BLOOD EXAMINATION

Haemoglobin	147	g/L	(135-180)
Red Cell Count	5.0	x10 ¹² /L	(4.2-6.0)
Haematocrit	0.44		(0.38-0.52)
Mean Cell Volume	88	fL	(80-98)
Mean Cell Haemoglobin	30	pg	(27-35)
Platelet Count	256	x10 ⁹ /L	(150-450)
White Cell Count	5.6	x10 ⁹ /L	(4.0-11.0)
Neutrophils	46 %	2.6 x10 ⁹ /L	(2.0-7.5)
Lymphocytes	38 %	2.1 x10 ⁹ /L	(1.1-4.0)
Monocytes	10 %	0.6 x10 ⁹ /L	(0.2-1.0)
Eosinophils	6 %	0.34 x10 ⁹ /L	(0.04-0.40)
Basophils	0 %	0.00 x10 ⁹ /L	(< 0.21)

Automated Comment:

As per ISLH guidelines - Film not reviewed. If a film review is truly indicated, contact the laboratory within 24 hours of collection. Otherwise investigate any highlighted abnormalities as clinically appropriate.

All haematology parameters are within normal limits for age and sex.

**** FINAL REPORT - Please destroy previous report ****

Tests Completed:FBC

Tests Pending :TFT, IRON STUDIES, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT, SE ZINC

Tests Pending :SE VIT D, SE MG, IGE LEVELS

SHAW, BENJAMIN

18 HIGHGATE LANE, ROBINA. 4226

Phone: 04 28600385

Birthdate: 14/02/1990 Sex: M Medicare Number: 35281801832

Your Reference: Lab Reference: 23-73354614-VD-0

Laboratory: QML Pathology

Addressee: DR MAREK CIARKOWSKI Referred by: DR MAREK CIARKOWSKI

Name of Test: VITAMIN D, SERUM

Requested: 31/05/2023 Collected: 02/06/2023 Reported: 02/06/2023 15:32

CUMULATIVE SERUM VITAMIN D

Date	02/06/23
Time	06:50
Lab No	73354614
Vitamin D3	114 nmol/L (> 49)

Tests Completed:FBC, SE VIT D

Tests Pending :TFT, IRON STUDIES, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT, SE ZINC

Tests Pending :SE MG, IGE LEVELS

SHAW, BENJAMIN

18 HIGHGATE LANE, ROBINA. 4226

Phone: 04 28600385

Birthdate: 14/02/1990 Sex: M Medicare Number: 35281801832

Your Reference: Lab Reference: 23-73354614-ZN-0

Laboratory: QML Pathology

Addressee: DR MAREK CIARKOWSKI Referred by: DR MAREK CIARKOWSKI

Name of Test: ZINC, SERUM

Requested: 31/05/2023 Collected: 02/06/2023 Reported: 02/06/2023 15:50

Serum Zinc	14	umol/L	(10-25)
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Tests Completed:FBC, SE ZINC, SE VIT D
Tests Pending :TFT, IRON STUDIES, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT, SE MG
Tests Pending :IGE LEVELS

SHAW, BENJAMIN
18 HIGHGATE LANE, ROBINA. 4226
Phone: 04 28600385
Birthdate: 14/02/1990 Sex: M Medicare Number: 35281801832
Your Reference: Lab Reference: 23-73354614-MG-0
Laboratory: QML Pathology
Addressee: DR MAREK CIARKOWSKI Referred by: DR MAREK CIARKOWSKI

Name of Test: MAGNESIUM,SERUM
Requested: 31/05/2023 Collected: 02/06/2023 Reported: 02/06/2023 16:57

Serum Magnesium	0.8 mmol/L	(0.7-1.1)
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Tests Completed:FBC, SE E/LFT, SE ZINC, SE VIT D, SE MG
Tests Pending :TFT, IRON STUDIES, SERUM FOLATE, SERUM VITAMIN B12, IGE LEVELS

SHAW, BENJAMIN
18 HIGHGATE LANE, ROBINA. 4226
Phone: 04 28600385
Birthdate: 14/02/1990 Sex: M Medicare Number: 35281801832
Your Reference: Lab Reference: 23-73354614-ISM-0
Laboratory: QML Pathology
Addressee: DR MAREK CIARKOWSKI Referred by: DR MAREK CIARKOWSKI

Name of Test: MASTER IRON STUDIES
Requested: 31/05/2023 Collected: 02/06/2023 Reported: 02/06/2023 17:02

IRON STUDIES		
Serum Iron	14 umol/L	(10-33)
Transferrin IBC	52 umol/L	(45-70)
Transferrin Saturation	27 %	(16-50)
Serum Ferritin Assay	65 ug/L	(30-320)

Tests Completed:IRON STUDIES, FBC, SE E/LFT, SE ZINC, SE VIT D, SE MG
Tests Pending :TFT, SERUM FOLATE, SERUM VITAMIN B12, IGE LEVELS

SHAW, BENJAMIN
18 HIGHGATE LANE, ROBINA. 4226
Phone: 04 28600385
Birthdate: 14/02/1990 Sex: M Medicare Number: 35281801832
Your Reference: Lab Reference: 23-73354614-BFM-0
Laboratory: QML Pathology
Addressee: DR MAREK CIARKOWSKI Referred by: DR MAREK CIARKOWSKI

Name of Test: MASTER VITAMIN B12 FOLATE
Requested: 31/05/2023 Collected: 02/06/2023 Reported: 02/06/2023 17:29

Serum Vitamin B12 Assay	356 pmol/L	(162-811)
Serum Folate Assay	33.3 nmol/L	(8.4-55.0)

Comment:

Serum Folate Assay:
Adequate Serum Folate.
In the absence of recent oral intake, a serum folate >13 nmol/L

effectively rules out folate deficiency. Consider repeat fasting Folate, if there has been inadequate fasting, and clinical concern remains.

Serum Vitamin B12 Assay:
Essentially normal B12 levels, although liver disease if present may falsely elevate the level.

Methodology:
B12 and Active B12 (HoloTC) assays performed on Siemens Atellica analyser.

For Doctor clinical enquiries, please contact Dr Peter Davidson 07 3121 4444.
Patients should contact their referring doctor in regard to this result.

Tests Completed: IRON STUDIES, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT, SE ZINC
Tests Completed: SE VIT D, SE MG
Tests Pending : TFT, IGE LEVELS

SHAW, BENJAMIN
18 HIGHGATE LANE, ROBINA. 4226
Phone: 0428600385
Birthdate: 14/02/1990 **Sex:** M **Medicare Number:** 35281801832
Your Reference: 2023MB0006705 **Lab Reference:** 2023MB0006705-1
Laboratory: Mermaid Beach Radiology
Addressee: Dr. MAREK CIARKOWSKI **Referred by:** Dr. MAREK CIARKOWSKI

Name of Test: US Neck
Requested: 15/06/2023 **Collected:** 15/06/2023 **Reported:** 16/06/2023 16:11

Clinical notes: ""



Patient Name: SHAW, BENJAMIN
DOB: 14/02/1990
Gender: M

Address: 18 HIGHGATE LANE
ROBINA QLD 4226
Phone:
Medicare Number: 3528 180183-2

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ULTRASOUND THYROID

History: Review thyroid nodules, right lower pole and left mid-lower pole. Previous benign FNAs on both nodules performed 04/Jan/2021, diagnosed as benign colloid/ follicular nodules.

Comparison: US 30/Sep/2022 (South Coast Radiology).

Findings:

Right Lobe:	47 x 17 x 16 mm; 7 ml.
Left Lobe:	40 x 27 x 27 mm; 15 ml.
Isthmus:	5 mm.
Thyroid Echotexture:	Homogeneous.
Thyroid Vascularity:	Normal.

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| Retrosternal Extension: | Nil. |
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Thyroid Nodules:

There are two TIRADS reportable nodules present, comparison made with previous report from 30/Sep/2022:

	Location	Size	Previous Size	Description	TI-RADS
1	Left lobe, mid-inferior.	27 x 24 x 24 mm, slightly decreased.	32 x 26 x 26 mm	Mixed solid-cystic nodule (1), isoechoic (1), wider than tall (0), smooth (0), with macrocalcifications (1).	TR3, previous benign FNA is noted.
2	Right lobe, inferior.	24 x 12 x 21 mm, unchanged.	25 x 12 x 19 mm	Almost completely solid (2), hypoechoic (2), wider than tall (0), smooth (0), with multiple echogenic foci demonstrating large comet-tail artifacts (0).	TR4 (previous TR3), previous benign FNA is noted.

There is no evidence of cervical lymphadenopathy.

Comment:

Right thyroid nodule is unchanged in size, however the TIRADS score has been adjusted to TR4 (previously described as TR3).

Left thyroid nodule is slightly decreased in size with comparison to previous.

It is noted that both of these nodules have had previous benign FNAs performed in 2021, with the diagnosis of benign colloid/ follicular nodules.

Sonographer: B Renshaw

Thank you Dr Ciarkowski for referring Mr Benjamin Shaw to Mermaid Beach Radiology

ACR TI-RADS Recommendations:

TR5 (>7 points) - FNA if = 10mm, follow-up if 5 - 9 mm every year for 5 years.
TR4 (4-6 points) - FNA if = 15mm, follow-up if 10 - 14 mm in 1, 2, 3 and 5 years.
TR3 (3 points) - FNA if = 25mm, follow-up if 15 - 24 mm in 1, 3 and 5 years.

	TR2 (2 points) - No FNA or follow-up.	
	TR1 (0 points) - No FNA or follow-up.	
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