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Rural Medical Imaging

Referring Practitioner:
Dr Noelani BENNETT
Innisfail Medical Centre
1-5 Owen St
INNISFAIL QLD 4860

Patient Name:
Barbara HALE
13 Stephens Street,
MISSION BEACH QLD 4852
Date of Birth: 22-01-1960

Patient Id: 8066325

Date of Service: 13 June 2023   **Report Date:** 14 June 2023   **Report ID:** 9145210
Radiology Report

Examination:
Bone Mineral Densitometry

Findings:

Lumbar spine (L1-L4) mean area bone mineral density is 0.808 g/cm. This value is 0.5 standard deviations below the mean for age matched controls (Z-score = -0.5) and 2.2 standard deviations below the mean for young normal adult of the same gender (T-score = -2.2).

Right femoral neck bone mineral density is 0.614 g/cm. This value is 0.7 standard deviations below the mean for age matched controls (Z-score = -0.7) and 2.1 standard deviations below the mean for young normal adult of the same gender (T-score = -2.1).

Impression:
This study indicates osteopenia (T-score between -1 to -2.5) but does not meet the WHO criteria for osteoporosis.

Interpretation: World Health Organization (WHO) guidelines define normal density as a T-score for the region of interest greater than -1. A T-score between -1 and -2.5 is defined as osteopenia, or low normal bone density. A T-score below -2.5 is defined as osteoporosis.

Electronically dictated by: Dr Li Enn Yapp MBBS, FRANZCR on 13/6/2023 8:02 PM
Electronically signed by: Dr Li Enn Yapp MBBS, FRANZCR on 13/6/2023 8:02 PM
Thank you for referring this patient.

Rural Medical Imaging - Innisfail

Name: HALE, BARBARA
Patient ID: 8066325
DOB: 22 January 1960

Sex: Female
Ethnicity: White
Menopause Age: 44

Height: 161.0 cm
Weight: 65.0 kg
Age: 63

Referring Physician: DR NOELANI BENNETT

100 x 117
NECK: 49 x 15

Scan Information:

Scan Date: 13 June 2023
Scan Type: f Right Hip
Analysis: 13 June 2023 10:14 Version 13.6.1.2
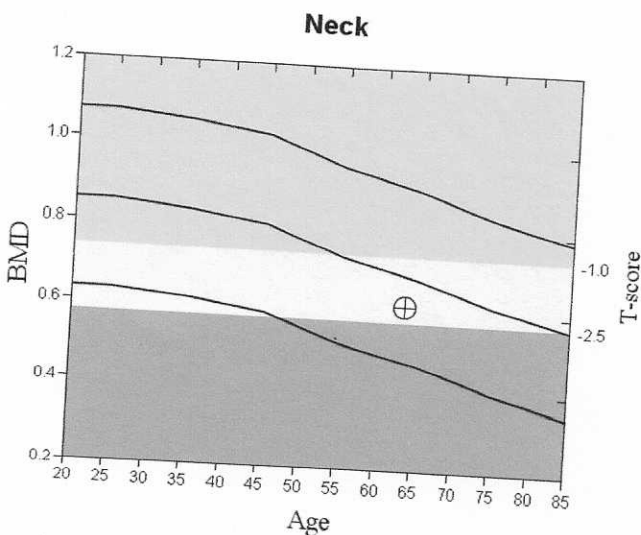Hip
Operator:
Model: Horizon Wi (S/N 305840M)
Comment:

ID: A0613230A

DXA Results Summary:

Region	Area (cm²)	BMC (g)	BMD (g/cm²)	T-score	Z-score
Neck	4.91	3.02	0.614	-2.1	-0.7
Total	33.36	24.90	0.746	-1.6	-0.5

Total BMD CV 1.0%
WHO Classification: Osteopenia

Neck

10-year Fracture Risk

FRAX not reported because:
Prior hip or vertebral fracture

Comment:

vs. White Female. Source:2012 BMDCS/NHANES White Female. Z-score
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Rural Medical Imaging Innisfail
1-5 Owen St
Innisfail, QLD 4860

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Patient ID: 8066325
DOB: 22 January 1960

Referring Physician: DR NOELANI BENNETT

Sex: Female
Ethnicity: White
Menopause Age: 44

Height: 161.0 cm
Weight: 65.0 kg
Age: 63

116 x 139

Scan Information:

Scan Date: 13 June 2023
Scan Type: f Lumbar Spine
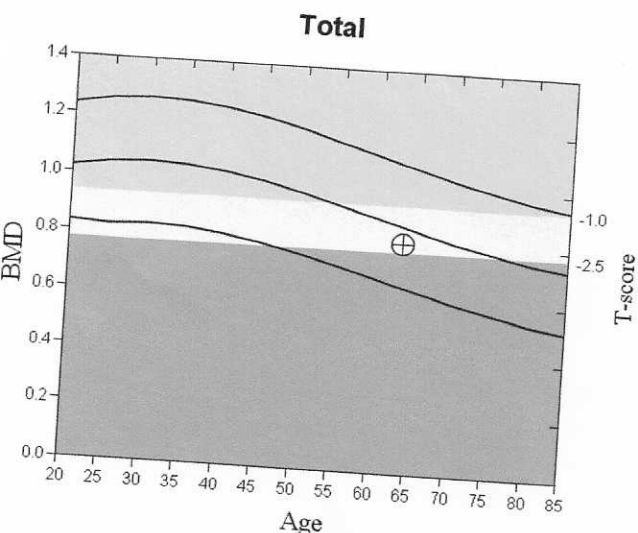Analysis: 13 June 2023 10:12 Version 13.6.1.2
Spine
Operator:
Model: Horizon Wi (S/N 305840M)
Comment:

ID: A06132308
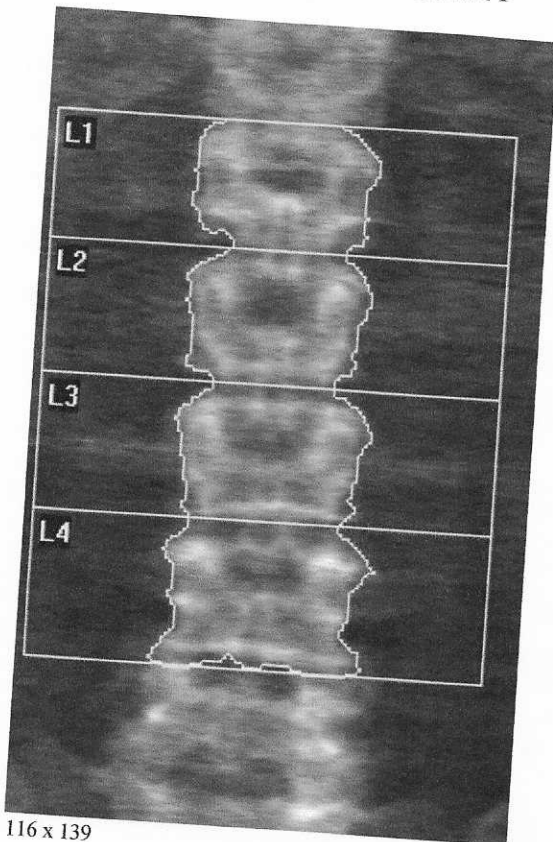
DXA Results Summary:

Region	Area (cm²)	BMC (g)	BMD (g/cm²)	T-score	Z-score
L1	13.78	11.40	0.828	-1.5	0.0
L2	13.72	10.89	0.794	-2.1	-0.5
L3	14.81	12.03	0.813	-2.5	-0.8
L4	17.80	14.25	0.801	-2.4	-0.6
Total	60.11	48.58	0.808	-2.2	-0.5

Total BMD CV 1.0%
WHO Classification: Osteopenia
Fracture Risk: Increased

Total

Comment:

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