

Patient Name	RAVEN, SIMONE DESIREE	Accession	PR-16733104-OT
Patient D.O.B.	06/06/1963	Description	TUG-BONE MINERAL DENSITOMETRY
Patient ID	PR-EGE165Y	Study Date/Time	31/10/2024 15:10
Referring Physician	LOGAN, BENTLEY	Modality	CR,OT,SR

BONE MINERAL DENSITOMETRY

HISTORY:

Monitoring of low bone density.

TECHNIQUE:

Dual energy x-ray densitometry using Lunar Prodigy, narrow angle fan beam, with Encore software. The reference population used was Australian Geelong/Lunar normal standard.

FINDINGS:

SITE	BMD (g/cm ²)	T-Score
Lumbar Spine (L1-L4)	0.944	-2.0
Femoral Neck (Left)	0.795	-1.8
Femoral Neck (Right)	0.750	-2.1
Total Hip (Left)	0.805	-1.8
Total Hip (Right)	0.783	-2.0
Dual Femur Total (Mean)	0.794	-1.9
Radius 33% (Left)	0.578	-3.4

Previous studies: 13/10/2022, 10/08/2020, 22/03/2018

Lumbar Spine (L1-L4)	BMD (g/cm ²)	Change vs baseline (%)	Change vs Previous (%)
31/10/2024	0.944	-8.3*	-4.3*
13/10/2022	0.986	-4.3*	3.1*
10/08/2020	0.956	-7.2*	-7.2*
22/03/2018	1.030	baseline	-

Total Hip (Left)	BMD (g/cm ²)	Change vs baseline (%)	Change vs Previous (%)
31/10/2024	0.805	-5.8*	-0.9
13/10/2022	0.812	-5.0*	-1.0
10/08/2020	0.820	-4.1*	-4.1*
22/03/2018	0.855	baseline	-

Total Hip (Right)	BMD (g/cm ²)	Change vs baseline (%)	Change vs Previous (%)
31/10/2024	0.783	-8.4*	-0.5
13/10/2022	0.787	-8.0*	-3.1
10/08/2020	0.812	-5.0*	-5.0*
22/03/2018	0.855	baseline	-

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Dual Femur Total (Mean)	BMD (g/cm2)	Change vs baseline (%)	Change vs Previous (%)
31/10/2024	0.794	-7.1*	-0.6
13/10/2022	0.799	-6.5*	-2.1
10/08/2020	0.816	-4.6*	-4.6*
22/03/2018	0.855	baseline	-

Radius 33% (Left)	BMD (g/cm2)	Change vs baseline (%)	Change vs Previous (%)
31/10/2024	0.578	-15.4*	-6.2
13/10/2022	0.616	-9.8*	-9.8*
10/08/2020	0.683	baseline	-

COMMENT

Bone mineral density values are in the osteoporotic range.

WHO diagnostic categories for osteoporosis

Normal (T-score -1.0 and above)

Osteopenia (T-score between -1.0 and -2.5)

Osteoporosis (T-score -2.5 and below)

The T-score is -2.5 or less. The patient is eligible for Medicare funded progress study in 24 months.

<https://www.garvan.org.au/promotions/bone-fracture-risk/calculator>

Reporter: Dr Rohan Sabharwal

CT Calcium scoring available at PRP Tuggerah