

**PATIENT BIOGRAPHICAL:**

Name: Reiss, Lisa
Patient ID: [REDACTED] **Birth Date:** [REDACTED]
Gender: Female **Exam Date:** 9/8/2021 **Height:** [REDACTED]
Indications: Post Menopausal **Fractures:** [REDACTED] **Weight:** [REDACTED]
Treatments: Calcium, Vitamin D

ASSESSMENT:

Site	Region	Measured Date	Measured Age	WHO Classification	Young Adult T-score	Age Matched Z-score	BMD	% Change	Significant Change (*)
AP Spine	L1-L4	9/8/2021	[REDACTED]	Low Bone Mass	-1.1	-0.2	1.063 g/cm ²	6.6%	*
AP Spine	L1-L4	10/16/2020		Low Bone Mass	-1.6	-0.8	0.997 g/cm ²	-	
Dual Femur	Neck Left	9/8/2021		Low Bone Mass	-2.3	-1.1	0.720 g/cm ²	5.6%	
Dual Femur	Neck Left	10/16/2020		Osteoporosis	-2.6	-1.4	0.682 g/cm ²	-	
Dual Femur	Neck Right	9/8/2021		Osteoporosis	-2.6	-1.4	0.681 g/cm ²	-1.0%	
Dual Femur	Neck Right	10/16/2020		Osteoporosis	-2.5	-1.4	0.688 g/cm ²	-	
Dual Femur	Total Left	9/8/2021		Low Bone Mass	-2.2	-1.3	0.732 g/cm ²	-2.1%	
Dual Femur	Total Left	10/16/2020		Low Bone Mass	-2.1	-1.3	0.748 g/cm ²	-	
Dual Femur	Total Right	9/8/2021		Low Bone Mass	-1.9	-1.0	0.773 g/cm ²	-0.9%	
Dual Femur	Total Right	10/16/2020		Low Bone Mass	-1.8	-1.0	0.780 g/cm ²	-	

World Health Organization (WHO) criteria for post-menopausal, Caucasian Women:

Normal: T-score at or above -1 SD
 Osteopenia: T-score between -1 and -2.5 SD
 Osteoporosis: T-score at or below -2.5 SD

The BMD measured at AP Spine L1-L4 is 1.063 g/cm² with a T-score of -1.1. This patient is considered to have low bone mass according to World Health Organization (WHO) criteria. Bone density is between 10 and 25% below young normal. Treatment is advised.

The BMD measured at Femur Neck Left is 0.720 g/cm² with a T-score of -2.3. This patient is considered to have low bone mass according to World Health Organization (WHO) criteria. Bone density is between 10 and 25% below young normal. Treatment is advised.

The BMD measured at Femur Neck Right is 0.681 g/cm² with a T-score of -2.6. This patient is considered osteoporotic according to World Health Organization (WHO) criteria. Pharmacological treatment, if not already prescribed, should be started. A follow up bone density test is recommended in one year to monitor response to therapy.

The BMD measured at Femur Total Left is 0.732 g/cm² with a T-score of -2.2. This patient is considered to have low bone mass according to World Health Organization (WHO) criteria. Bone density is between 10 and 25% below young normal. Treatment is advised.

The BMD measured at Femur Total Right is 0.773 g/cm² with a T-score of -1.9. This patient is considered to have low bone mass according to World Health Organization (WHO) criteria. Bone density is between 10 and 25% below young normal. Treatment is advised.