

West Hills Women's Diagnostic Center

DXA Bone Densitometry Report: Tuesday, March 09, 2021

Your patient ANN CROELL completed a BMD test on 03/09/2021 using the **Lunar Prodigy Advance DXA System** (software version: 16 [SP 2]) manufactured by **GE Healthcare**. The following summarizes the results of our evaluation.



PATIENT BIOGRAPHICAL:

Name: CROELL, ANN
Patient ID:
Gender: Female
Indications: Caucasian, Family history of osteoporosis, POST MENOPAUSAL
Birth Date:
Exam Date:
Fractures:
Height:
Weight:
Treatments:



DENSITOMETRY RESULTS:

Site	Region	Measured Date	Measured Age	WHO Classification	Young Adult T-score	BMD	%Change vs. Previous	Significant Change (*)
AP Spine	L1-L4	03/09/2021		Osteopenia	-2.0	0.945 g/cm ²	10.1%	
AP Spine	L1-L4	06/06/2019		Osteoporosis	-2.7	0.858 g/cm ²	1.9%	
AP Spine	L1-L4	06/03/2016		Osteoporosis	-2.8	0.842 g/cm ²	2.4%	
AP Spine	L1-L4	12/17/2014		Osteoporosis	-3.0	0.822 g/cm ²	-	
DualFemur	Neck Mean	03/09/2021		Normal	-1.0	0.894 g/cm ²	12.9%	
DualFemur	Neck Mean	06/06/2019		Osteopenia	-1.8	0.792 g/cm ²	-1.1%	
DualFemur	Neck Mean	06/03/2016		Osteopenia	-1.7	0.801 g/cm ²	-3.0%	
DualFemur	Neck Mean	12/17/2014		Osteopenia	-1.5	0.826 g/cm ²	-	
DualFemur	Troch Mean	03/09/2021		N/A	-0.3	0.821 g/cm ²	18.8%	
DualFemur	Troch Mean	06/06/2019		N/A	-1.4	0.691 g/cm ²	2.2%	
DualFemur	Troch Mean	06/03/2016		N/A	-1.5	0.676 g/cm ²	1.2%	
DualFemur	Troch Mean	12/17/2014		N/A	-1.6	0.668 g/cm ²	-	
DualFemur	Total Mean	03/09/2021		Normal	-0.4	0.960 g/cm ²	13.1%	
DualFemur	Total Mean	06/06/2019		Osteopenia	-1.3	0.849 g/cm ²	0.6%	
DualFemur	Total Mean	06/03/2016		Osteopenia	-1.3	0.844 g/cm ²	0.4%	
DualFemur	Total Mean	12/17/2014		Osteopenia	-1.3	0.841 g/cm ²	-	



ASSESSMENT:

The BMD measured at AP Spine L1-L4 is 0.945 g/cm² with a T-score of -2.0. This patient is considered osteopenic according to World Health Organization (WHO) criteria. Bone density is between 10 and 25% below young normal. Fracture risk is moderate. Treatment is advised.

The BMD measured at Femur Neck Mean is 0.894 g/cm² with a T-score of -1.0. Bone density is up to 10% below young normal. This patient is considered normal according to World Health Organization (WHO) criteria. Fracture risk is low.

The BMD measured at Femur Total Mean is 0.960 g/cm² with a T-score of -0.4. Bone density is up to 10% below young normal. This patient is considered normal according to World Health Organization (WHO) criteria. Fracture risk is low.

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



RECOMMENDATIONS:

NOF Guidelines recommend treatment for patients with a T-score of -1.5 and below with risk factors or -2.0 and below without risk factors. Effective therapies are available in the form of bisphosphonates (Fosamax and Actonel), and Evista. Hormone therapy may be an option based on review of risks and benefits of treatment. All patients should ensure an adequate intake of dietary calcium (1200 mg/d) and vitamin D (400-800 IU daily).