

2015

Dear DR. LEISY,

Your patient SANDI [redacted] completed a BMD test on 07/13/2015 using the Lunar DPX DXA System (software version: 13.60) manufactured by GE Medical Systems LUNAR. The following summarizes the results of our evaluation.

**PATIENT BIOGRAPHICAL:**

<b>Name:</b>	[redacted]	<b>Birth Date:</b>	07/05/1950	<b>Height:</b>	64.5 in.
<b>Patient ID:</b>	[redacted]	<b>Exam Date:</b>	07/13/2015	<b>Weight:</b>	119.0 lbs.
<b>Gender:</b>	[redacted]	<b>Fractures:</b>		<b>Treatments:</b>	Calcium, Vitamin D
<b>Indications:</b>	[redacted]				

**DENSITOMETRY RESULTS:**

Site	Region	Measured Date	Measured Age	WHO Classification	Young Adult T-score	BMD	%Change vs. Previous	Significant Change (*)
AP Spine	L1-L4	07/13/2015	65.0	Normal	-0.8	1.091 g/cm <sup>2</sup>	6.2%	Yes
AP Spine	L1-L4	04/26/2012	61.8	Osteopenia	-1.4	1.027 g/cm <sup>2</sup>	-2.0%	-
AP Spine	L1-L4	04/15/2010	59.7	Osteopenia	-1.2	1.048 g/cm <sup>2</sup>	-1.7%	-
AP Spine	L1-L4	03/17/2008	57.6	Normal	-1.0	1.066 g/cm <sup>2</sup>	-0.5%	-
AP Spine	L1-L4	03/09/2006	55.6	Normal	-1.0	1.071 g/cm <sup>2</sup>	-	-
Left Femur	Neck	07/13/2015	65.0	Normal	-0.6	0.949 g/cm <sup>2</sup>	0.2%	-
Left Femur	Neck	04/26/2012	61.8	Normal	-0.7	0.947 g/cm <sup>2</sup>	-1.6%	-
Left Femur	Neck	04/15/2010	59.7	Normal	-0.5	0.962 g/cm <sup>2</sup>	-1.8%	-
Left Femur	Neck	03/17/2008	57.6	Normal	-0.4	0.980 g/cm <sup>2</sup>	-0.4%	-
Left Femur	Neck	03/09/2006	55.6	Normal	-0.4	0.984 g/cm <sup>2</sup>	-	-
Right Femur	Neck	07/13/2015	65.0	Normal	-0.6	0.953 g/cm <sup>2</sup>	1.9%	-
Right Femur	Neck	04/26/2012	61.8	Normal	-0.7	0.935 g/cm <sup>2</sup>	-1.1%	-
Right Femur	Neck	04/15/2010	59.7	Normal	-0.7	0.945 g/cm <sup>2</sup>	-3.1%	-
Right Femur	Neck	03/17/2008	57.6	Normal	-0.5	0.975 g/cm <sup>2</sup>	-	-
Left Femur	Total	07/13/2015	65.0	Normal	0.0	1.005 g/cm <sup>2</sup>	1.4%	-
Left Femur	Total	04/26/2012	61.8	Normal	-0.1	0.991 g/cm <sup>2</sup>	-1.8%	-
Left Femur	Total	04/15/2010	59.7	Normal	0.0	1.009 g/cm <sup>2</sup>	-0.5%	-
Left Femur	Total	03/17/2008	57.6	Normal	0.1	1.014 g/cm <sup>2</sup>	0.7%	-
Left Femur	Total	03/09/2006	55.6	Normal	0.0	1.007 g/cm <sup>2</sup>	-	-
Right Femur	Total	07/13/2015	65.0	Normal	-0.2	0.983 g/cm <sup>2</sup>	1.5%	-
Right Femur	Total	04/26/2012	61.8	Normal	-0.3	0.968 g/cm <sup>2</sup>	-0.5%	-
Right Femur	Total	04/15/2010	59.7	Normal	-0.3	0.973 g/cm <sup>2</sup>	-1.1%	-
Right Femur	Total	03/17/2008	57.6	Normal	-0.2	0.984 g/cm <sup>2</sup>	-	-

**ASSESSMENT:**

The BMD measured at AP Spine L1-L4 is 1.091 g/cm<sup>2</sup> with a T-score of -0.8. 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