

# ASSOCIATES IN PRIMARY CARE

25 East Willow Street  
Millburn, NJ 07041

## DEXA Bone Densitometry Report: Tuesday, February 21, 2023

Dear Dr. Silvio A. Quaglia,

Your patient Rose Bond completed a BMD test at our facility. The following summarizes the results of our evaluation.

### Patient:

<b>Name:</b>	Rose Bond	<b>Height:</b>	60.0 in.
<b>Patient ID:</b>	(not specified)	<b>Weight:</b>	92.0 lbs.
<b>Date of Birth:</b>	1/17/1961	<b>Exam Date:</b>	2/21/2023
<b>Gender:</b>	Female	<b>BMD Device:</b>	GE Medical Systems Lunar DPX

**Indications:** Anticonvulsant, Caucasian, Low Body Weight, OSTEOPENIA, Osteoporosis, TAKING SEIZURE MEDICATION

**Fractures:**

**Treatments:** CALCIUM/VIT-D

### Results:

Scan Type	Region	Measured	Age	BMD	T-Score	Z-Score
AP Spine	L1-L4	2/21/2023	62.0	0.819 g/cm <sup>2</sup>	-3.0	-0.9
DualFemur	Total Left	2/21/2023	62.0	0.720 g/cm <sup>2</sup>	-2.3	-0.7
DualFemur	Total Right	2/21/2023	62.0	0.738 g/cm <sup>2</sup>	-2.1	-0.6

### Assessment:

#### World Health Organization - Definition of Osteoporosis and Osteopenia for 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

Established Osteoporosis: T-Score at or below -2.5 SD plus fragility fracture

\*WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-Scores.

- BMD as determined from AP Spine L1-L4 is 0.819 g/cm<sup>2</sup> with a T-Score of -3.0. This patient is considered osteoporotic according to World Health Organization (WHO) guidelines. Fracture risk is high. Treatment, if not already being done, should be started. A follow up DEXA is recommended in one-year to monitor response to therapy.
- BMD as determined from Femur Total Left is 0.720 g/cm<sup>2</sup> with a T-Score of -2.3. This patient is considered osteopenic according to World Health Organization guidelines. Fracture risk is moderate. Treatment is advised.
- BMD as determined from Femur Total Right is 0.738 g/cm<sup>2</sup> with a T-Score of -2.1. This patient is considered osteopenic according to World Health Organization guidelines. Fracture risk is moderate. Treatment is advised.

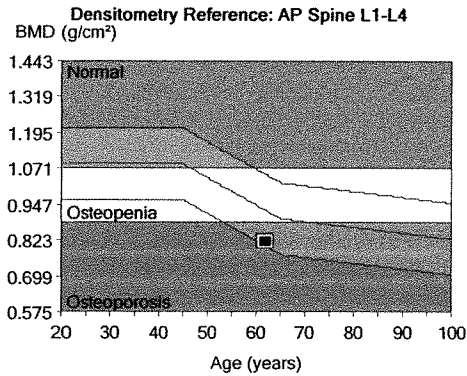
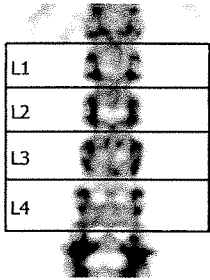
People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. Testing frequency can be increased for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Call patient  
improved  
continue present  
regimen

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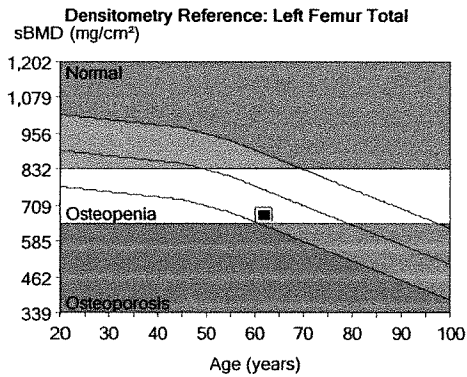
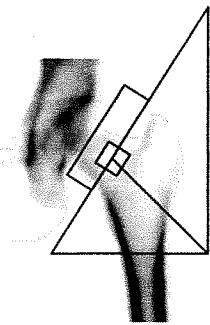
<b>Patient:</b>	Bond, Rose	<b>Patient ID:</b>	
<b>Birth Date:</b>	1/17/1961 62.0 years	<b>Referring Physician:</b>	Dr. Silvio A. Quaglia
<b>Height / Weight:</b>	60.0 in. 92.0 lbs.	<b>Measured:</b>	2/21/2023 10:24:11 AM (12.20)
<b>Sex / Ethnic:</b>	Female White	<b>Analyzed:</b>	2/21/2023 10:34:09 AM (12.20)



Region	BMD (g/cm <sup>2</sup> )	Young-Adult (%)	T-Score	Age-Matched (%)	Z-Score
L1	0.781	69	-2.9	89	-0.8
L2	0.813	67	-3.3	85	-1.1
L3	0.879	73	-2.7	93	-0.6
L4	0.800	67	-3.3	86	-1.1
L1-L4	0.819	69	-3.0	88	-0.9

Matched for Age, Weight (females 25-100 kg), Ethnic USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) AP Spine Reference Population (v111)  
Statistically 68% of repeat scans fall within 1SD ( $\pm 0.010$  g/cm<sup>2</sup> for AP Spine L1-L4)

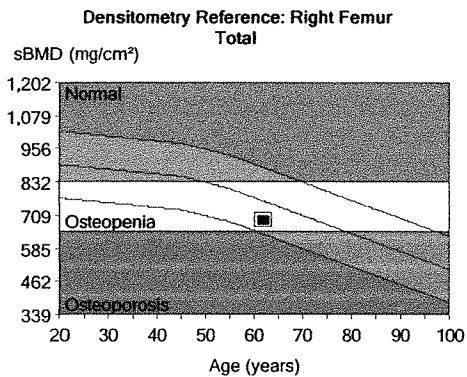
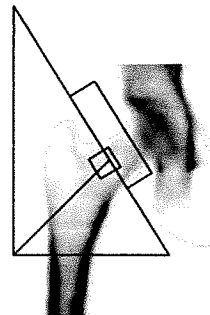
Image not for diagnosis



Region	sBMD (mg/cm <sup>2</sup> )	Young-Adult (%)	T-Score	Age-Matched (%)	Z-Score
Neck	605	64	-2.7	85	-0.8
Troch	-	64	-2.7	82	-1.1
Total	674	71	-2.3	89	-0.7

LUNAR BMD for Total is 0.720 g/cm<sup>2</sup>.  
Matched for Age, Weight (females 25-100 kg), Ethnic USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Femur Reference Population (v111)  
Statistically 68% of repeat scans fall within 1SD ( $\pm 12$  mg/cm<sup>2</sup> for Left Femur Total)

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Region	sBMD (mg/cm <sup>2</sup> )	Young-Adult (%)	T-Score	Age-Matched (%)	Z-Score
Neck	656	70	-2.3	92	-0.4
Troch	-	64	-2.6	83	-1.0
Total	692	73	-2.1	91	-0.6

LUNAR BMD for Total is 0.738 g/cm<sup>2</sup>.  
Matched for Age, Weight (females 25-100 kg), Ethnic USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Femur Reference Population (v111)  
Statistically 68% of repeat scans fall within 1SD ( $\pm 12$  mg/cm<sup>2</sup> for Right Femur Total)

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