

**DXA Bone Densitometry Report: Wednesday, February 01, 2017**

Dear Dr. Mascato,

Your patient BETTY ROMBOUGH completed a BMD test on 03/28/2016 using the Lunar Prodigy Primo DXA System (analysis version: 13.40) manufactured by GE Healthcare. The following summarizes the results of our evaluation.

**PATIENT BIOGRAPHICAL:**

Name: ROMBOUGH, BETTY

<b>Birth Date:</b>	06/03/1949	<b>Height:</b>	63.0 in.
<b>Gender:</b>	Female	<b>Exam Date:</b>	03/28/2016
<b>Weight:</b>		<b>Fractures:</b>	None
<b>Indications:</b>	Caucasian, Family History of Fracture, Family hx osteoporosis, Post menopausal, Ulcerative Colitis	<b>Treatments:</b>	Calcium, Multi-vitamin

**ASSESSMENT:**

The BMD measured at Femur Neck Right is 0.752 g/cm<sup>2</sup> with a T-score of -2.1. 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.

Site	Region	Measured Date	WHO Classification	Young Adult T-score	BMD g/cm <sup>2</sup>	Percent Change Vs. Previous
AP Spine	L1-L4	03/28/2016	Osteopenia	-1.5	1.013 g/cm <sup>2</sup>	-1.5%
AP Spine	L1-L4	12/04/2013	Osteopenia	-1.3	1.028 g/cm <sup>2</sup>	4.0%
AP Spine	L1-L4	11/07/2011	Osteopenia	-1.7	0.988 g/cm <sup>2</sup>	8.5%
AP Spine	L1-L4	07/03/2008	Osteopenia	-2.3	0.911 g/cm <sup>2</sup>	5.4%
AP Spine	L1-L4	07/03/2007	Osteoporosis	-2.7	0.864 g/cm <sup>2</sup>	-
DualFemur	Neck Right	03/28/2016	Osteopenia	-2.1	0.752 g/cm <sup>2</sup>	-5.9%
DualFemur	Neck Right	12/04/2013	Osteopenia	-1.7	0.799 g/cm <sup>2</sup>	5.8%
DualFemur	Neck Right	11/07/2011	Osteopenia	-2.0	0.755 g/cm <sup>2</sup>	-
DualFemur	Total Mean	03/28/2016	Osteopenia	-1.6	0.807 g/cm <sup>2</sup>	0.6%
DualFemur	Total Mean	12/04/2013	Osteopenia	-1.6	0.802 g/cm <sup>2</sup>	5.0%
DualFemur	Total Mean	11/07/2011	Osteopenia	-1.9	0.764 g/cm <sup>2</sup>	-

**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

Dual Femur Neck Left - 3/28/2016 -1.9  
 Dual Femur Neck Left - 11/07/2011 -2.1  
 Dual Femur Neck Left - 7/3/2008 -2.7  
 Dual Femur Neck Left - 7/3/2007 -3.0

Dual Femur Total Left 3/28/2016 -1.4  
 Dual Femur Total Left - 11/07/2011 -1.9  
 Dual femur Total Left - 7/3/2008 -2.4  
 Dual Femur Total Left - 7/3/2007 -2.6