



# Capital Bone Density Center

[Redacted]

Dear [Redacted],  
Eileen Connor completed a BMD test on 10/20/2020 using the **Lunar Prodigy DXA System** (software version: 17 [SP 4]). Forearm scan was performed if one of the central scans was uninterpretable or if significant discordance was present. The scans were judged to be acceptable for interpretation unless mentioned below. The assessment is based on standard WHO criteria.

**PATIENT BIOGRAPHICAL:**

Name: [Redacted] Eileen [Redacted]

Gender: Female

Exam Date: 10/20/2020

Indications: Postmenopausal

Fractures: None

**DENSITOMETRY RESULTS:**

Site	Region	Measured Date	Measured Age	BMD	Young Adult T-score	Age Matched Z-Score	BMD Change g/cm <sup>2</sup>	%Change vs. Previous
AP Spine	L1-L4	10/20/2020	[Redacted]	1.057 g/cm <sup>2</sup>	-1.0	0.7	0.152 g/cm <sup>2</sup>	16.8%
AP Spine	L1-L4	08/02/2018	[Redacted]	0.905 g/cm <sup>2</sup>	-2.3	-0.6	-0.034 g/cm <sup>2</sup>	-3.6%
AP Spine	L1-L4	03/04/2016	[Redacted]	0.939 g/cm <sup>2</sup>	-2.0	-0.4	0.000 g/cm <sup>2</sup>	0.0%
AP Spine	L1-L4	10/21/2013	[Redacted]	0.939 g/cm <sup>2</sup>	-2.0	-0.4	0.003 g/cm <sup>2</sup>	0.3%
AP Spine	L1-L4	11/06/2006	[Redacted]	0.936 g/cm <sup>2</sup>	-2.0	-0.9	-0.051 g/cm <sup>2</sup>	-5.2%
AP Spine	L1-L4	04/07/2003	[Redacted]	0.987 g/cm <sup>2</sup>	-1.6	-0.8	0.027 g/cm <sup>2</sup>	2.8%
AP Spine	L1-L4	11/12/2001	[Redacted]	0.960 g/cm <sup>2</sup>	-1.8	-1.1	-	-
DualFemur	Neck Left	10/20/2020	[Redacted]	0.729 g/cm <sup>2</sup>	-2.2	-0.2	0.035 g/cm <sup>2</sup>	5.0%
DualFemur	Neck Left	08/02/2018	[Redacted]	0.694 g/cm <sup>2</sup>	-2.5	-0.5	-0.038 g/cm <sup>2</sup>	-5.2%
DualFemur	Neck Left	03/04/2016	[Redacted]	0.732 g/cm <sup>2</sup>	-2.2	-0.3	-0.047 g/cm <sup>2</sup>	-6.0%
DualFemur	Neck Left	10/21/2013	[Redacted]	0.779 g/cm <sup>2</sup>	-1.9	-0.1	0.019 g/cm <sup>2</sup>	2.5%
DualFemur	Neck Left	11/06/2006	[Redacted]	0.760 g/cm <sup>2</sup>	-2.0	-0.5	0.006 g/cm <sup>2</sup>	0.8%
DualFemur	Neck Left	04/07/2003	[Redacted]	0.754 g/cm <sup>2</sup>	-2.0	-0.7	-0.026 g/cm <sup>2</sup>	-3.3%
DualFemur	Neck Left	11/12/2001	[Redacted]	0.780 g/cm <sup>2</sup>	-1.9	-0.6	-	-
DualFemur	Total Mean	10/20/2020	[Redacted]	0.881 g/cm <sup>2</sup>	-1.0	0.9	0.036 g/cm <sup>2</sup>	4.3%
DualFemur	Total Mean	08/02/2018	[Redacted]	0.845 g/cm <sup>2</sup>	-1.3	0.5	-0.001 g/cm <sup>2</sup>	-0.1%
DualFemur	Total Mean	03/04/2016	[Redacted]	0.846 g/cm <sup>2</sup>	-1.3	0.4	-0.027 g/cm <sup>2</sup>	-3.1%
DualFemur	Total Mean	10/21/2013	[Redacted]	0.873 g/cm <sup>2</sup>	-1.1	0.5	-0.017 g/cm <sup>2</sup>	-1.9%
DualFemur	Total Mean	11/06/2006	[Redacted]	0.890 g/cm <sup>2</sup>	-0.9	0.2	-0.003 g/cm <sup>2</sup>	-0.3%
DualFemur	Total Mean	04/07/2003	[Redacted]	0.893 g/cm <sup>2</sup>	-0.9	0.1	-0.022 g/cm <sup>2</sup>	-2.4%
DualFemur	Total Mean	11/12/2001	[Redacted]	0.915 g/cm <sup>2</sup>	-0.7	0.2	-	-

**ASSESSMENT: Osteopenia.** Compared to the previous scan, there has been a **16.8% increase** in density in the lumbar spine, which is statistically significant (LSC=0.030 g/cm<sup>2</sup>). There has been a **4.3% increase** in density in the Total hip site, which is statistically significant (LSC=0.012 g/cm<sup>2</sup>).