



United Hospital Center - Imaging Department  
 BRIDGEPORT WV  
 Phone:

PATIENT NAME: Everitt, Robin L  
 BIRTH DATE:   
 SEX: F  
 REQUESTING PHYS: Ruthanne M  
 ATTENDING PHYS: Ruthanne M  
 REASON: Postmenopausal  
 MED REC NO:   
 ORDER:   
 ORDER FROM:   
 SERVICE DATE: 11/10/2022 9:32 AM  
 REPORT DATE: 11/10/2022 9:36 AM

Final

**BONE DENSITOMETRY COMPARISON**

**Study Result**

Narrative & Impression

Patient is seen for a dexa bone densitometry comparison scan for a history of . Patient is 64 y.o., weighs 160 Lbs and is 67.5". Patient's height on previous scan date was . Patient is Post-Menopausal and is taking the following medications: Calcium, Vitamin D.

The following Bone Density Measurement was performed on the Lunar DEXA system manufactured by GE Healthcare.

Scan Site	BMD (g/cm <sup>2</sup> )	Young Adult T-score	Age Matched Z-score	BMD Change vs Baseline	BMD Change vs Previous
AP Spine	0.714	-3.9	-2.6	%	-13.3%
Left Hip total	0.677	-2.6	-1.7	%	-1.6%
Left Hip Femoral Neck	0.715	-2.3	-1.1	%	%
Right Hip total	0.657	-2.8	-1.8	%	-8.5%
Right Hip Femoral Neck	0.678	-2.6	-1.3	%	%
N/A Forearm				%	%
N/A Forearm				%	%

Note: T-Scores (Standard deviation from normal young adult mean)

Normal	T-Score > -1	BMD within 1 SD of a "young normal" adult
Osteopenia (low bone mass)	T-Score = -1.0 to -2.5	BMD is between 1 and 2.5 SD below that of a "young normal" adult
Osteoporosis	T-Score < -2.5	BMD is 2.5 SD or more below that of a "young normal" adult

Everitt, Robin L

**FRAX\* Results:**

10-Year Probability of Fracture <sup>1</sup>	
Major Osteoporotic Fracture <sup>2</sup> n/a%	Hip Fracture n/a%

\*FRAX is a trademark of the University of Sheffield Medical School's Centre for Metabolic Bone Disease, a World Health Organization (WHO) Collaborating Centre.

1-The 10-year probability of fracture may be lower than reported if the patient has received treatment.

2-Major Osteoporotic Fracture: Clinical Spine, Forearm, Hip or Shoulder.

Although these definitions are necessary to establish the prevalence of Osteoporosis, they should not be used as the sole determinant of treatment decisions.

New International Society of Clinical Densitometry (ISCD) guidelines for premenopausal patients under the age of 50, specify that the T-Score will no longer be generated. The impression will be based on the reference curve, which is derived from the BMD.

**IMPRESSION:**

Osteoporosis.

**RECOMMENDATIONS:**

Follow up in 1-2 years to re-evaluate bone density.