



North Central Surgical  
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Dallas TX 75231  
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## Final Radiology Report

Name: PETTITT, MARY N  
MRN: WBIC000000123531NC  
Study: XR BONE DENSITY SPINE  
Accession: WBIC000000123532NC

Age / Gender: 80y / F  
DOB: 11/16/1935  
Requesting Physician: William Bruck

Date: 08/12/2016 9:24 AM

### EXAM DESCRIPTION:

Bone densitometry DEXA

### CLINICAL HISTORY:

80 y/o F, osteoporosis screening

### COMPARISON:

None

### TECHNIQUE:

Bone densitometry DEXA lumbar spine and hips

### FINDINGS:

#### Lumbar spine:

T-score L1-L4 is -3.4 which is osteoporosis. Measured bone mineral density is 0.768g/cm<sup>2</sup>. Findings indicate increased risk of fracture.

#### Hips:

The lowest T-score is in the left femoral neck -2.9 which is osteoporosis. This indicates increased risk of fracture. The measured density in this region is 0.635 grams/cm sq.

No priors available.

### IMPRESSION:

Osteoporosis lumbar spine and hips with increased fracture risk

### Electronically signed by:

Anthony Toppins MD 08/12/2016 09:59

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**SOUTHWEST DIAGNOSTIC IMAGING CENTER  
RADIOLOGIC INTERPRETATION***Scan*

Patient: Mary N Pettitt  
Date of Birth: 11/16/1935  
Date of Exam: 06/05/2015  
Medical Record #: 486081  
Accession #: 02778254

**DEXA BONE DENSITY**

Referring Physician:  
William A Bruck, MD  
9301 N. Central Expy, Suite 500  
Dallas TX 75231

EXAM: Bone Densitometry Assessment

HISTORY: osteoporosis screening

TECHNIQUE: A dual energy x-ray assessment of bone mineral density over the lumbar spine and left proximal femur (that with the least dense femoral neck) was obtained utilizing GE Lunar Prodigy Advance instrumentation with the following results. The images used for this analysis appear to have been properly positioned and acquired.

COMPARISON: No prior similar studies are available for comparison.

FINDINGS: (Measured Region, BMD in gm/cm<sup>2</sup>, Young T-score)

L1-L4: 0.50, -5.6  
Femoral Neck: 0.64, -2.9  
Proximal Femur: 0.66, -2.8

IMPRESSION: Osteoporosis.

Note: The International Society for Clinical Densitometry (ISCD) classifies bone densities as follows:

Normal: at or above -1.0 (SD) standard deviation below mean young adult  
Low bone mass density (osteopenia): between -1.0 and -2.5 SD  
Osteoporosis: at or below -2.5 SD

Dictated/Transcribed On/By: 6/8/2015 8:45 AM Patrick Barr, MD  
Electronically Signed On: 6/8/2015 8:46 AM Electronically Signed By: Patrick Barr, MD

WSN: THDRADNMRS1