

Finalized

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EXAM DATE: Jun 6, 2017, 2:50 PM
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Inland Imaging at Providence Medical Park

DUAL-ENERGY X-RAY ABSORPTIOMETRY

CLINICAL INFORMATION:

Postmenopausal patient taking HRT, calcium and vitamin-D. History of osteoporosis, fractures, bulimia, family history of osteoporosis. Screening exam.

COMPARISON:

Baseline scan dated 9/26/2016 was performed with the Hologic Discovery.

PROCEDURE:

Regional bone mass was determined with the Hologic Discovery. The lumbar spine L1-L4, left hip and left forearm were evaluated.

FINDINGS:

Lumbar Spine
Total BMD: 0.721
T-Score: -3.0
Z-Score: -1.7

The interval change is an increase of 0.022 g/cm².

Left Hip

Total BMD: 0.711
T-Score: -1.9
Z-Score: -1.0

The interval change is an increase of 0.009 g/cm².

Femoral neck

Total BMD: 0.620
T-Score: -2.1
Z-Score: -0.9

Left Forearm 1/3 Radius

BMD: 0.680
T-Score: -0.1
Z-Score: +1.1

The interval change is an increase of 0.010 g/cm².

Least Significant Change: spine: 0.024 g/cm²; total hip: 0.022 g/cm²;
femoral neck: 0.045 g/cm²; forearm: 0.030 g/cm²

Based on a precision measurement of the scanner, the least significant change (LSC) represents the smallest difference between successive measurements of bone mineral density (BMD) that can be considered to be a real change and not attributable to chance.

BMD = Bone mineral density in grams/(cm²).

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Transcribed on:

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