

PHYSICIAN: [REDACTED]  
PATIENT: JANDER, CAROL  
[REDACTED]

DOB: [REDACTED]  
EXAM DATE: 4/07/2021

**PROCEDURE:** BONE DENSITOMETRY SCAN (DEXA) OF THE HIP AND SPINE  
**COMPARISON:** University Center Imaging of Suntree, DE, DEXA HIP & SPINE, 3/29/2019, 9:52.  
**INDICATIONS:** OSTEOPENIA OF LUMBAR SPINE  
**TECHNIQUE:** Lumbar vertebral and proximal femoral dual-energy X-ray absorptiometry (DXA) was performed on a central Hologic device.

**SPINE ANALYSIS RESULTS: L1 - L4**

Average lumbar bone mineral density (BMD) (g/cm <sup>2</sup> ):	0.953
Lumbar T-score:	-0.9
Lumbar Z-score:	1.1

**HIP ANALYSIS RESULTS:**

Left Hip Total Hip Bone mineral density (BMD) (g/cm <sup>2</sup> ):	0.815
Left Hip Femur neck T-score:	-1.6
Total Hip T-score:	-1.0
Total Hip Z-score:	0.4

**FRAX SCORE:**

Ten year fracture risk without prior fracture	8.2
Major osteoporotic fracture	1.1
Hip fracture	1.1

Change since prior spine examination: Increased bone density consistent with therapeutic response.

**SPINE CLASSIFICATION:** Normal (T-score > -1.0).

Change since prior hip examination: No significant change.

**HIP CLASSIFICATION (World Health Organization):** Osteopenia (T-score -1.0 to -2.5).