

TREATMENT: Calcium, vitamin D

COMPARISON: None

FINDINGS:

Bone density was measured in the spine and both hips. The lowest bone mineral density was measured in the left total femur at 0.712 g/sq cm for a T score of -2.3.

ASSESSMENT:

This patient is considered osteopenic according to World Health Organization criteria. Bone density is between 10 and 25% below young normal. Fracture risk is moderate. Treatment is advised.

FRACTURE RISK ASSESSMENT**:

The ten year probability of major osteoporotic fracture is 18.4%.

The ten year probability of hip fracture is 4.0%.

Notes:

* The complete exam data, the report and the images can be viewed by authorized persons on the PACS web server, where the exam was performed.

* a) The FRAX tool has been developed by the WHO to evaluate fracture risk of patients. It is based on individual patient models that integrate the risks associated with clinical risk factors as well as bone mineral density (BMD) at the femoral neck.

EXAMINATION TYPE: DXA BONE DENSITY

DATE OF EXAM ORDERED: 5/8/2024 9:43 AM CDT

HISTORY: Osteoporosis; M81.0-Age-related osteoporosis without current pathological fracture. osteoporosis

COMPARISON: 9/16/2019

FINDINGS:

Lumbar Spine: Total bone mineral density 1.086 g/sq cm, T-score -0.8, Z-score 0.8.

Hip: Femoral neck mineral density 0.776 g/sq cm, T-score -1.8, Z-score -0.2, total femur bone mineral density 0.790 g/sq cm, T-score -1.7, Z-score -0.1.

FRAX 10 year probability of major osteoporotic fracture is 17.7%. Hip fracture is 4.5%.

Ordering provider:

Reading physician:

Study date: May 8, 2024 11:19 AM

Collection date: May 8, 2024 11:19 AM

Result date: May 8, 2024 11:19 AM

Result status: Final