

Memorial H [REDACTED] ts Hospital

Patient Name: HUDDLESTON, MAUREEN
ANN
DOB/Age/Sex: [REDACTED]
Med Rec Number: [REDACTED]
Location: [REDACTED]

Admitting Physician: [REDACTED]
Ordering Physician: [REDACTED]

Diagnostic Radiology

Exam:
Bone Density DXA Dual Energy MA

Exam Date/Time:
3/21/2019 2:49:00 PM

RADIOLOGY REPORT

Study: Bone Density DXA Dual Energy MA

Clinical Indication: - Z13.820 Encounter for screening for osteoporosis; the patient is taking hormone replacement therapy

Images of the axial lumbar spine and left hip have been performed using Hologic Discovery SL scanner.

COMPARISON: None

FINDINGS:

The left hip bone mineral density is 80% of the peak reference bone mass with a T-score of -1.5. Left hip BMD is 0.756 g/cm². Left femoral neck BMD is 0.715 g/cm² and T-score of -1.2.

The axial lumbar bone mineral density is 73% of the peak reference bone mass with a T-score of -2.5. Axial lumbar average BMD is 0.768 g/cm².

IMPRESSION:

1. Osteopenia of the left femoral neck.
2. Osteopenia of the total left hip.
3. Osteoporosis of the lumbar spine. High fracture risk.

The World Health Organization has established that OSTEOPOROSIS occurs at -2.5 or more standard deviations (SD) below peak bone mass (T-score on the Hologic report). OSTEOPENIA (low bone mass) occurs at greater than -1.0 standard deviations to -2.5 standard deviations below peak bone mass.

SL: [REDACTED]

Read by: [REDACTED]

**MEMORIAL
HERMANN**

Patient Name: HUDDLESTON, MAUREEN ANN
DOB/Age/Sex: [REDACTED]
Med Record#: [REDACTED]
Patient Location: [REDACTED]

Admitting Physician: [REDACTED]
Ordering Physician: [REDACTED]
Referring Physician: [REDACTED]

Mammography

EXAM:
Bone Density DXA Dual Energy MA [REDACTED]

EXAM DATE/TIME
5/23/2020 13:30 CDT

RADIOLOGY REPORT

Study: Bone Density DXA Dual Energy MA

Clinical Indication: - M81.0 Age-related osteoporosis without current pathological fracture; ; screening for osteoporosis

Images of the axial lumbar spine and left hip have been performed using a Hologic Wi densitometer.

COMPARISON: 03/21/2019

FINDINGS:

The left hip bone mineral density is 89% of the peak reference bone mass with a T-score of -0.9. Left hip BMD is 0.834 g/cm². The left femoral neck BMD is 0.761 g/cm² and T-score of -0.8. Hip BMD has increased 10.3% in the interim.

The axial lumbar bone mineral density is 82% of the peak reference bone mass with a T-score of -1.7. Axial lumbar average BMD is 0.858 g/cm². Spine BMD has increased 11.8% in the interim.

10 year fracture risk
Major osteoporotic fracture: 7.5 %
Hip fracture: 0.7 %

IMPRESSION:

1. Normal bone mineral density of the left femoral neck.
2. Normal bone mineral density of the total left hip.
3. Osteopenia of the lumbar spine.

The World Health Organization has established that OSTEOPOROSIS occurs at -2.5 or more standard deviations (SD) below peak bone mass (T-score on the Hologic report). OSTEOPENIA (low bone mass) occurs at greater than -1.0 standard deviations to -2.5 standard deviations below peak bone mass.

Print Date/Time: 5/28/2020 10:07 CDT

Financial Number: [REDACTED]
Encounter Type: [REDACTED]
Admit Date: [REDACTED]
Discharge Date: [REDACTED]

5/27/2022

Memorial Hermann Outpatient Imaging, Bellaire

Patient Name:
DOB/Age/Sex:
Med Rec Number:
Location:

Admitting Physician:
Ordering Physician:

Diagnostic Radiology

Exam:
Bone Density-Dual Energy Absorptionmetry

Accession Number:

Exam Date/Time:
5/27/2022 2:37:52 PM

RADIOLOGY REPORT

EXAM: DXA Bone Density Axial

DATE: 5/27/2022 14:37

INDICATION: Bone mineral density screening

TECHNIQUE: The patient underwent bone mineral densitometry using Hologic QDR 2000 dual energy x-ray absorptiometry (DEXA). The following results were obtained:

FINDINGS:

Region	BMD(Ca/cm2)	T-Score
L Spine	0.962	-0.8
L1	0.802	-1.7
L2	0.889	-1.3
Left femoral neck	0.797	-0.5
Total hip	0.863	-0.6

IMPRESSION:

Focal osteopenia in L1 and L2.

Read by:
Dictated Date/time: 05/27/22 15:13
Electronically Signed by:
FINAL REPORT

05/27/22 15:14

Patient Financial #:
Patient Type:
Admit Date:
Discharge Date:

6/6/23

Huddleston, Maureen A, F, [REDACTED]

Ruan Medical Group

Accession ID: [REDACTED]

Lab Ref ID:

Order Date: 06/06/2023

Collection Date: 10:40:00

Requesting Physician: [REDACTED]

Bone Density DXA Dual Energy MA

NAME

VALUE

See Notes

BONE DENSITY ASSESSMENT: 06/06/2023

CLINICAL DATA: Clinical risk for osteoporosis. /M81.0 Age-Related
Osteoporosis Without Current Pathological Fracture

RISK FACTORS: Caucasian race.

COMPARISON:

05/27/2022 Left total femur area using a Hologic unit from Memorial Hermann
Greater Heights with reported normal fracture risk, BMD of 0.863g/cm2, T-score
of -0.60, and Z-score of 0.90.05/27/2022 Left femur neck using a Hologic unit from Memorial Hermann Greater
Heights with reported normal fracture risk, BMD of 0.797g/cm2, T-score of
-0.50, and Z-score of 1.40.05/27/2022 AP L1-L4 region of spine using a Hologic unit from Memorial Hermann
Greater Heights with reported normal fracture risk, BMD of 0.962g/cm2, T-score
of -0.80, and Z-score of 1.40.

FINDINGS:

Bone density evaluation was performed 06/06/2023 on the left femur neck using a Hologic unit. The BMD average for the exam is 0.799 g/cm2. The T-score is -0.40 and the Z-score is 1.50. Since the previous similar exam of 05/27/2022, there has been a +0.002 or +0.3% change in the BMD value which represents no significant interval change in bone density. This matches the World Health Organization's criteria for normal bone density and places the patient within normal limits of fracture risk.

An additional bone density evaluation was performed 06/06/2023 on the left total femur area using a Hologic unit. The BMD average for the exam is 0.890 g/cm2. The T-score is -0.40 and the Z-score is 1.20. Since the previous similar exam of 05/27/2022, there has been a +0.027 or +3.1% change in the BMD value which represents no significant interval change in bone density. This matches the World Health Organization's criteria for normal bone density and places the patient within normal limits of fracture risk.

An additional bone density evaluation was performed 06/06/2023 on the AP L1-L4 region of spine using a Hologic unit. The BMD average for the exam is 0.976 g/cm2. The T-score is -0.60 and the Z-score is 1.60. Since the previous similar exam of 05/27/2022, there has been a +0.014 or +1.5% change in the BMD value which represents no significant interval change in bone density. This matches the World Health Organization's criteria for normal bone density and places the patient within normal limits of fracture risk.

IMPRESSION: BONE DENSITY WITHIN NORMAL LIMITS