



Billings Clinic Downtown

801 N 29th Street

3rd DEXA

Patient: DESMIDTKOHLHOFF, WENDY J  
MRN: [REDACTED]  
FIN: [REDACTED]  
DOB/Age/Sex: [REDACTED] 61 years FEMALE

Admit: 4/25/2023 08:00 MDT  
Disch: [REDACTED]  
Admitting: [REDACTED]

Dexa Scans

EXAM DATE/TIME	PROCEDURE	ORDERING PROVIDER	STATUS
4/25/2023 08:26 MDT	XR DXA Axial Skeleton	[REDACTED]	Auth (Verified)

Reason For Exam  
(XR DXA Axial Skeleton) SCREENING [REDACTED]

Report

DEXA scan performed. Comparison: February 25, 2022 and February 16, 2021. Bone mineral density was calculated for the lumbar spine and for the bilateral femoral necks. Z-scores were calculated compared to an age and sex matched reference population and T-score compared to a young adult sex matched population.

The average bone mineral density of the lumbar spine is 0.789 g/cm<sup>2</sup>. T score is -2.3 and Z score is -0.8. This falls in the osteopenic range. This represents a bone mineral density increase of 8.9% compared to baseline and increase of 9.0% compared to most recent comparison exam.

The average bone mineral density of the left femoral neck is 0.649 g/cm<sup>2</sup>. T score is -1.8 and Z score is -0.5. This falls in the osteopenic range. This represents a bone mineral density increase of 8.9% compared to baseline and increase of 5.2% compared to most recent comparison exam. FRAX 10 year fracture risk for major osteoporotic fracture of 13% and hip fracture of 1.6%.

The average bone mineral density of the right femoral neck is 0.678 g/cm<sup>2</sup>. T score is -1.5 and Z score is -0.2. This falls in the osteopenic range. This represents a bone mineral density increase of 8.7% compared to baseline and increase of 5.4% compared to most recent comparison exam. FRAX 10 year fracture risk for major osteoporotic fracture of 12% and hip fracture of 1.3%.

World Health Organization (WHO) criteria are:

- Normal: T-score at or above -1 SD
- Osteopenia: T-score between -1 and -2.5 SD
- Osteoporosis: T-score at or below -2.5 SD

Impression:

Bone mineral density in the osteopenic range. Please see computer generated report for additional information.

1 + yr of  
algaecal  
405aw/daw

Spine 0.789  
T -2.3  
Z -0.8

(L) femur 0.649  
T -1.8  
Z -0.5

(R) femur 0.678  
T -1.5  
Z -0.2

Print Date/Time: [REDACTED]

Report Request ID: [REDACTED]