

Order Results

Patient: COOK, TENA Lab Order #:
 DOB: Clinical Order #:
 Sex: Female-F Report Date: Tue 01/22/2019 8:02:57
 MRN: Observation Date: Tue 01/22/2019 6:46:46
 Ordering Provider: Wess, Heidi Received Date: Tue 01/22/2019 8:05:02

Electronically signed off by Mrs. Heidi L Wess, on 1/26/2019

Description	Out-of-Range	In-Range	Units	Expected	Flag	Status
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5498287 BONE DENSITY STUDY

5498287&BODY - BONE DENSITY STUDY

SEE COMMENTS

SEE COMMENTS

EXAM DATE AND TIME: 1/21/2019 5:08 PM

REASON FOR EXAM: Diagnostic.

INDICATIONS: History of low bone density. Follow-up exam.

CLINICAL RISK FACTORS:

1. Postmenopausal.
2. History of low bone density.
3. History of a fracture as an adult.

FAMILY HISTORY:

Family history of osteoporosis: Yes.

Parental hip fracture: None.

CURRENT MEDICATIONS: Calcium. Multivitamin. Vitamin D. Natural HRT.

Thyroid replacement.

RESULTS: Hologic Discovery C

Anatomic Site	BMD(g/cm2)	T-score	Z-score
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Lumbar spine L1-L4	0.710 -3.1	-1.9	
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Left femoral neck	0.611		-2.1
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-1.0

Left total hip	0.768		-1.4
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-0.6

FRAX (10-year Probability of Fracture): Not calculated (Some T-score for Spine Total, Hip Total, Femoral Neck at or below -2.5)

At this facility, the Least Significant Change in BMD with 95% confidence utilized is 0.036 g/cm2 at the L1-L4 Spine, 0.028 g/cm2 at the Total Hip, and 0.030 g/cm2 at the 1/3 Radius.

COMPARISON: 8/13/2012. Compared with the previous exam, the lumbar spine bone density has decreased by 0.094 g/cm2 (11.7%), which is statistically significant. The left hip bone density has decreased by 0.077 g/cm2 (9.1%), which is statistically significant.

5498287&IMP - BONE DENSITY STUDY

SEE COMMENTS

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This patient has Osteoporosis. The 10 year fracture risk estimate is elevated.

There has been a statistically significant decrease in bone density since 2012. Patient preferences, clinical judgment and these bone density results should help guide management decisions. A follow-up bone density exam is recommended in 2 years or as clinically warranted to monitor bone density and the effectiveness of any therapeutic changes you may institute.

Contributed By: Mary K. Mucilli, BS, CBDT