

Results

DEXASCAN (DEXA) (Accession 4276259)
(Order 31593048)

Imaging Information

Exam Information

Performed Procedure DEXASCAN (DEXA)	Study Status Final	Begin Time Thu May 30, 2013 9:13 AM	End Time Thu May 30, 2013 9:19 AM
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Staff Information

Technologist Decker, Jill	Transcriptionist N/A	Assigned Physician(s) N/A	Assigned Pool(s) N/A
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Verification Information

Signed By Nguyen, Thuc P, MD	Signed On May 30, 2013
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Study Result

CLINICAL INDICATION: OSTEOPOROSIS ,VITAMIN D,MENOPAUSE AT AGE 50,

DATE: May 30, 2013 09:20:02 AM

PROCEDURE: BMD of the spine and bilateral hips was performed on a i- DXA machine.
Technical quality of the study is good.

RESULTS:

	T-Score	Z-Score	
Lumbar spine	-3.2	-1.7	
Femoral neck	-2.1	-0.7	right
Total hip	-2.6	-1.5	right

*prior 4/10/12 Lumbar -3.4
A Femoral Neck -2.5
A Total Hip -2.8*

ASSESSMENT: Based on the WHO classification, the patient has osteoporosis.

Compared to patient's DXA on 4/10/2012, the bone density of the lumbar spine has increased by approximately 3.4%. The total hip has increased by approximately 4.0%. A change of 2% is considered statistically significant for our machine.

RECOMMENDATIONS (NEJM 2012, 366:225-33):

Follow-up intervals recommended at:

- 15 years: T score >-1.5
- 5 years: T score -1.5 to -1.99
- 1-2 years: T score less than -2.0

However, suggested follow up interval may change depending on individuals clinical situations, including history of previous fracture, advanced age, medication use, and underlying medical conditions, or response to treatment.

The National Osteoporosis Foundation recommends initiating therapy if the lowest T score is less than -2 or less than -1.5 and other risks are present.