

Rapid Sound - Green Valley Imaging

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Green Valley, AZ 85614

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Bone Density and Vertebral Assessment Report

Name: BRIDDLE, BARBARA Sex: Female
Patient ID: G22908 Ethnicity: White
Age: 60 Date of Birth: 10/17/1948

Indication: HISTORY OF OSTEOPOROSIS
Referring Physician: ROSENBERG, AMY M.D.
Study: Bone densitometry and vertebral deformity assessment were performed.
Accession number: G22908122308

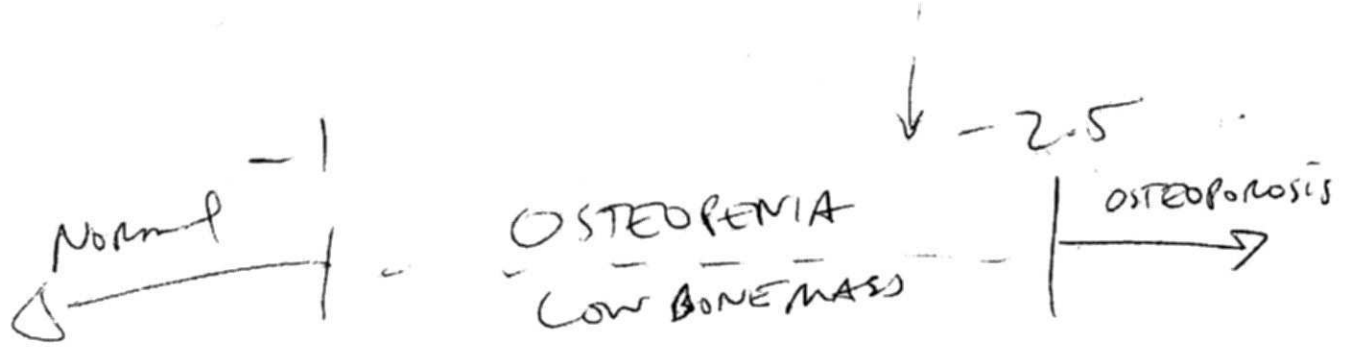
Bone Density:

Region	Exam Date	BMD (g/cm ²)	T-Score	Z-Score	Classification
AP Spine (L1-L4)	12/23/2008	0.758	-2.6	-1.2	Osteoporotic
Femoral Neck (Left)	12/23/2008	0.612	-2.1	-0.8	Osteopenic
Total Hip (Left)	12/23/2008	0.775	-1.4	-0.4	Osteopenic

World Health Organization criteria for BMD interpretation classify patients as Normal (T-score at or above -1.0), Osteopenic (T-score between -1.0 and -2.5), or Osteoporotic (T-score at or below -2.5).

Vertebral Deformity Assessment: Exam date 12/23/2008
No vertebral deformities seen.

Medical History:	
Menopause Age	48



****Faxed Report: Chart copy to follow****

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Central Scheduling
Phone (480) 456-9000
Fax (480) 632-1153

Services provided at: **EVDI Medical Imaging - Chandler**

PATIENT
BRIDDLE, BARBARA
DOB: 10/17/1948

MRN: 001215531

PROVIDER
Bradley, Erin, MD
4909 S ALMA SCHOOL RD
SUITE 4
CHANDLER, AZ 85248
Voice: (480) 883-3011
Fax: (480) 802-3874

Exam Date	Acc#	Exam	Reason for exam
07/30/2010	6717728	DXA LOW BACK (LS-SPINE) AND HIP	OSTEOPENIA

DXA - DUAL X-RAY ABSORPTIOMETRY (HOLOGIC)

CLINICAL HISTORY: Baseline, on calcium.

Bone mineral density (BMD) is measured in gr/cm². T-Scores (Hologic) are comparisons to sex-matched patients with peak bone mass and are given in standard deviations (SD) from this mean. Each -1 S.D. corresponds to approximately a 10% bone loss.

AXIAL FINDINGS:

In the LUMBAR SPINE, BMD is 0.808 and the T-Score is -2.2 S.D. For every -1 S.D., there is a 2.0 times increase in the future fracture risk which increases exponentially with each S.D., (i.e., -2 S.D. = 4x, -3 S.D. = 8x, etc.).

In the HIP, BMD is 0.787 and the T-Score is -1.3 S.D. For every -1 S.D. in the hip, there is a 2.5 times increase in future fracture risk which increases exponentially with each S.D., (i.e., -2 S.D. = 6x, -3 S.D. = 16x, etc.).

CONCLUSION: OSTEOPENIA - Consider therapy to prevent further bone loss.

Transcribed: 7/30/10 10:45 am Dictated by: FARUKH MIAN, MD Electronically signed
Last edit: 7/30/10 3:19 pm

EVDI is now offering 3T MRI. For more information, call (480) 272-8114

Thank you for allowing us to assist in the care of your patient. If you need to contact a radiologist to discuss this report, please call our Radiologist Hotline at (480) 272-8114.

Final Radiology Report

BRIDDLE, BARBARA
DOB: 10/17/1948 Sex: F
MR#: 503751 Acct#: 43653
EXAM DATE: 10/30/2012

Pt Loc: Desert Reflections Imag
Ord Dr: Tilben, Barbara DO
Adm Dr: Tilben, Barbara DO

EXAM: DR- BONE DENSITY STUDY-AXIAL - 77080

DEXA SCAN

INDICATION: Osteoporosis

COMPARISON: Unavailable

RESULTS:

Dual emission x-ray absorption measurements of the lumbar spine demonstrates a composite bone mineral density of 0.892 g/cm^2 . This correlates with a T-score of -1.4 and a Z-score of 0.3 .

Dual emission x-ray absorption measurements of the left hip demonstrates the total bone mineral density to be 0.897 g/cm^2 . This correlates with a T-score of -0.4 and a Z-score of 0.8 .

The World Health Organization criteria for osteoporosis (severely decreased bone density and high fracture risk) is a T-score of -2.5 or less. Osteopenia (moderately decreased bone density) is defined as a T-score of between -1.0 and -2.5 . Fracture risk approximately doubles for every 1.0 decrease in T-score.

IMPRESSION:

1. Bone mineral densitometry evaluation of the lumbar spine falls within the osteopenia range which increases patient's risk of fracture.
2. Bone mineral densitometry evaluation of the left hip falls within the normal range according to the WHO classification.

Dictated by: Askari MD, Shahram

Electronic Signature

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RADIOLOGY REPORT