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## Bone Density Report

Name: MARTIN, MARK M  
 Patient ID: 106582  
 Age: 54

Sex: Male  
 Ethnicity: White  
 Date of Birth: 11/19/1953

**Indication:**

The patient was referred for a bone mineral density (BMD) determination by dual energy x-ray absorptiometry because of fracture after age 50 and a previous fragility based fracture of the foot.

The detailed osteoporosis questionnaire revealed the following factors which may lead to loss of bone density or increased fractures: age, ethnic background, family history of osteoporosis, diabetes and weight bearing exercise regularly.

Medications that could affect BMD included: Calcium and Vitamin D supplementation.

**Referring Physician:** DR. A. JACOBS

**Study:** Bone densitometry was performed.

**Accession number:** 106582A

**Bone Density:**

Region	Exam Date	BMD (g/cm <sup>2</sup> )	T-Score	Z-Score	Classification	
AP Spine (L1-L4)	10/09/2008	0.726	-3.3	-2.8	Osteoporotic	0%
Femoral Neck (Left)	10/09/2008	0.678	-1.8	-1.0	Osteopenic	
Total Hip (Left)	10/09/2008	0.738	-2.0	-1.6	Osteopenic	5%

*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).*

**Previous Exams:**

Region	Exam Date	Age	BMD (g/cm <sup>2</sup> )	T-Score	BMD Change vs. Baseline	BMD Change vs. Previous
AP Spine()	10/09/2008	54	0.726	-3.3	12.3%*	12.3%*
	09/19/2007	53	0.647	-4.0		