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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    |                         |                         |