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WMB

BONE MINERAL DENSITY (GE Lunar-iDXA #2)

Report to:

Dr. Michael Barry MacMillan
Seven Oaks Medical and Dental Centre
205-1750 Main Street
Winnipeg, MB R2V 1Z7

Patient Name: **ADAM, SHANNON**

DOB: May 15, 1969

Encounter # 10985234

History # 0739460

PHIN 101 157 825

Scan Date: **January 04, 2021**

Shannon

INTERPRETATION

Fracture Risk: Moderate

Patient's Risk: **8.2%** 10-year risk of osteoporotic fracture
Risk factors included: age, sex, BMI, femoral neck T-score, spine T-score, parental hip fracture --

Average Risk: **3.8%** 10-year fracture risk for an average 51 year old female

BMD Category: **Osteoporotic**

RESULTS

Femoral Neck Left	BMD = 0.768 g/cm ² T-Score = -1.9
Total Hip Left	BMD = 0.761 g/cm ² T-Score = -2.0
Spine L1-4	BMD = 0.836 g/cm ² T-Score = -2.9

COMMENTS

This patient's Fracture Risk is "Moderate" based upon an osteoporotic BMD category despite a lower calculated percent risk. Spine BMD values are osteoporotic and below average for age. Exclusion of secondary causes of osteoporosis should be undertaken, if not already performed.

Report Date: January 19, 2021

Reported by: Bryanton, Mark, MD

Fracture Risk is based on the patient's 10-year risk of major osteoporotic fracture: low < 10%; moderate 10-19% or osteoporotic BMD category; high ≥ 20%, prior fragility fracture of hip, spine or more than 1 fragility fracture. Patient's Risk is estimated with the Canadian FRAX tool and applies to an untreated patient. Average Risk is the 10-year major osteoporotic fracture risk for an average person of the same age and sex. BMD Category defined from minimum site as non-osteoporotic (T-score above -2.5), or osteoporotic (minimum T-score -2.5 or lower). T-Score is the number of standard deviations above (+) or below (-) average young White female bone density. References: Papaioannou A et al: CMAJ 182(17):1864-1873, 2010. For more information visit the Manitoba BMD Program website at <http://www.gov.mb.ca/health/bonedensity/> and the WHO FRAX website at www.shef.ac.uk/FRAX.