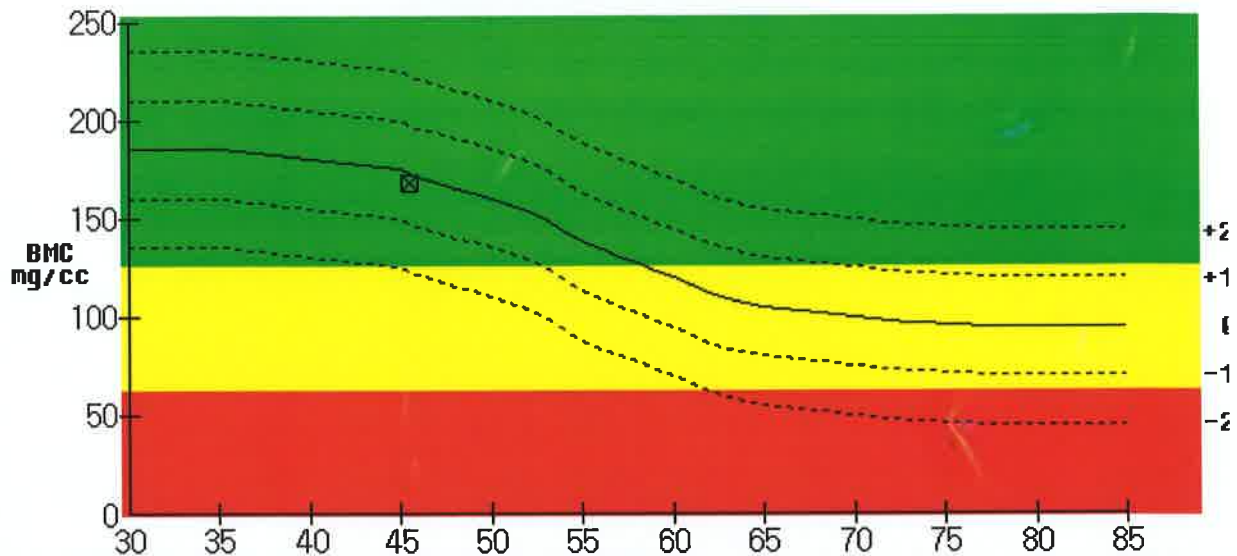


General Hospital
Bone Department
123 Main Street
Virginia Beach, VA 23451

CT Bone Densitometry



Patient Information

Patient #: 70076588 Exam Date: 10/20/2018
Name: 이선영 Referring Physician:
Age: 45 Sex: Female Radiologist:

Patient Historical BMC Data

Date	10/20/2018							
Age	45							
BMC	166.67							

Simulator Calculations

Scanner: My Favorite Scanner Normal Values Table: Standard Values (USA)
Simulator Size: Medium Fat Correction Factor: 0.62 CTU/YR
Simulator BMC Measurements in CTU: Age 45, 150mg = 179.0 Age 45, 50mg = 69.0
Vertebral ROI Measurements in CTU: L1 = 186.2 L2 = 184.5 L3 = 207.1 L4 = 184.3 L5 = 224.6
Patient Average ROI Measurement = 197.3 CTU

L-SPINE TRABECULAR BMC

Converting CTU to Calcium Hydroxyapatite mg/cc Equivalence

Patient Bone Mineral Content = 166.7 mg/cc
This is 0.33 Standard Deviations Below The Mean For Age (Z-SCORE)
Normal Range at Age 45 = 175 +/- 25 (1 Std-Dev)
Patient BMC is 0.73 Standard Deviations Below The Mean For Age 30 (T-SCORE)

(MD) Signature
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