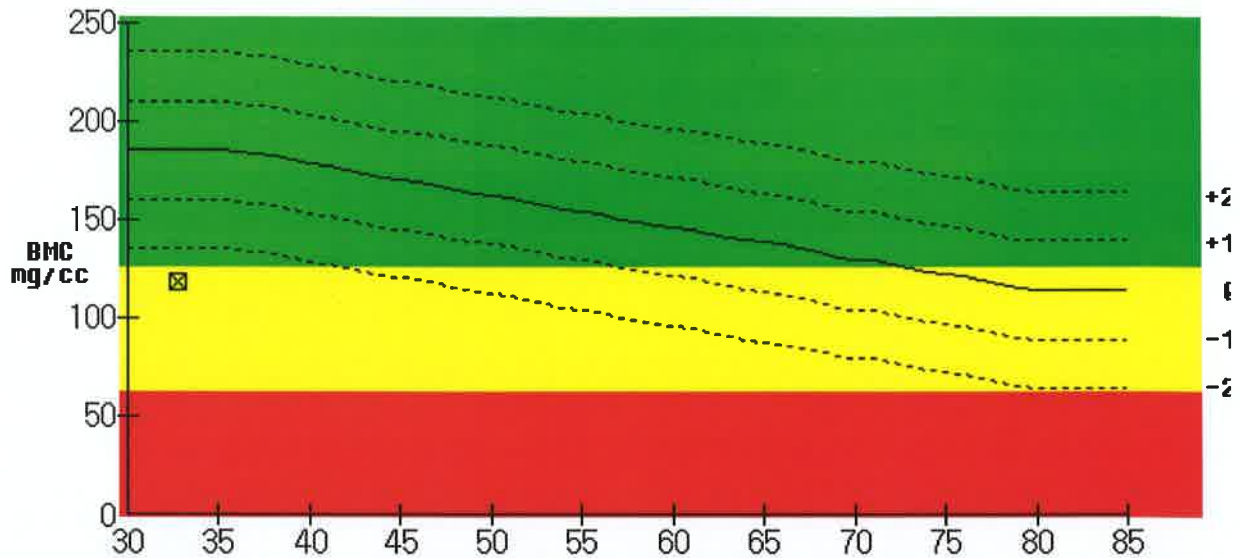


**General Hospital  
Bone Department  
123 Main Street  
Virginia Beach, VA 23451**

**CT Bone Densitometry**



**Patient Information**

**Patient #:** 00004048

**Exam Date:** 10/26/2018

**Name:** 두건호

**Referring Physician:**

**Age:** 33

**Sex:** Male

**Radiologist:**

**Patient Historical BMC Data**

<b>Date</b>	10/26/2018							
<b>Age</b>	33							
<b>BMC</b>	117.58							

**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 = 19.1    L2 = 188.1    L3 = 177.1    L4 = 177.9    L5 = 191.7

**Patient Average ROI Measurement = 150.8 CTU**

**L-SPINE TRABECULAR BMC**

**Converting CTU to Calcium Hydroxyapatite mg/cc Equivalence**

**Patient Bone Mineral Content = 117.6 mg/cc**

**This is 2.70 Standard Deviations Below The Mean For Age (Z-SCORE)**

**Normal Range at Age 33 = 185 +/- 25 (1 Std-Dev)**

**Patient BMC is 2.70 Standard Deviations Below The Mean For Age 30 (T-SCORE)**

(MD) Signature

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