

DEXXUM T BEYOND DEXXUM T

Quantum

New fan beam DXA



Compact design

DEXXUM T Quantum, the Central new fan beam DXA (Dual energy X-ray Absorptiometry) bone mineral densitometry can be installed regardless of the location due to its compact design concept. It is the quickest way to undertake measurement for patients with the most comfortable posture.

Technical specifications

- Measurement type : DXA (Dual energy X-ray Absorptiometry)
- Measurement method : Fan beam
- Scan site : Spine, Femur, Forearm
- Reproducibility : ≤ 1.5% CV
- Measured parameter : BMD, T-score, Z-score, BMC
- Dimension : (W) 1850 mm × (D) 800 mm × (H) 1213 mm
 (W) 1900 mm × (D) 800 mm × (H) 1213 mm
 (W) 2000 mm × (D) 800 mm × (H) 1213 mm
- Table height : 652 mm
- Weight : 145 kg

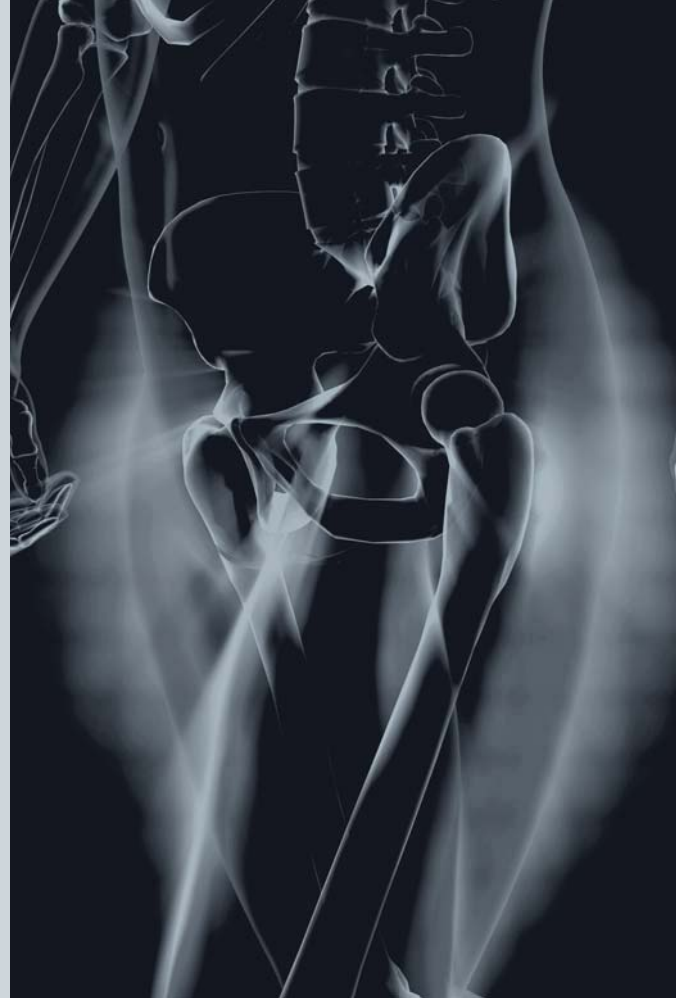
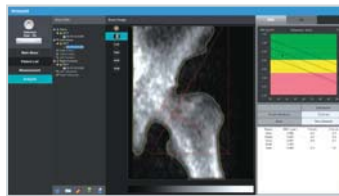


Image analysis



Main user interface



Femur



AP spine



Forearm



AP spine fat



Result report

Fracture Risk Assessment Index (FRAX®)

PatientID: 29 Patient Name: 김민준 PatientDate: 2015-02-10 07:54

Measurement Results

Region	Gender	Age	BMD (g/cm ³)	T-Score	FRAX (%)
Spine	Female	62	0.97	-1.50	17.03

Analysis of Lumbar spine

Level	Region	Gender	Age	BMD (g/cm ³)	T-Score
L1	L1	Female	62	1.215	2.42
L2	L2	Female	62	1.210	2.38
L3	L3	Female	62	1.205	2.34
L4	L4	Female	62	1.200	2.30
L5	L5	Female	62	1.195	2.26
L1-5	L1-5	Female	62	1.190	2.22
L1-4	L1-4	Female	62	1.185	2.18
L1-3	L1-3	Female	62	1.180	2.14
L1-2	L1-2	Female	62	1.175	2.10
L1	L1	Female	62	1.170	2.06

T-Score & Z-Score

FRAX (%) 17.03
T-Score -1.50
Z-Score 0.25

Prediction of future fracture

Major osteoporosis fracture probability: 17.03%
Major osteoporosis fracture probability (with prior fracture): 21.1%

AP spine & FRAX report



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