OsteoSys to prevent Osteoporosis

Preventing osteoporosis and bone fractures with our bone densitometer

OsteoSys, a brand specialized in bone density diagnosis equipment, produces various products which can diagnose osteoporosis easily and accurately to help humanity enjoy healthy lives.
If you have accurate diagnosis and prescription through bone density equipment of OsteoSys, you can enjoy healthy and happy life by avoiding risk of osteoporosis.

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Global sales

130 sales networks in 95 countries

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EXCELLUS

better products for better life

The smart fan beam body analyzer

OsteoSys

DXA Half body composition analyzer

The most accurate & precise DXA for body fat, lean and bone mass

EXCELLUS is the brand new concept of conventional body composition system. The new body analyzer can quickly and easily measure half body composition of patient, especially Gynoid and Android regions with medical-grade DXA(Dual energy X-ray Absorptiometry) technology. And it can also scope fat mass and muscle mass in specific site of body with the Osteosys's specialized function of B-Scope(Body-Scope).

Features

- Half body DXA(Dual energy X-ray Absorptiometry)
- Fan beam technology
- Scan site : Half body, AP spine, Femur(Dual femur), Forearm, Lateral spine, LVA(VFA), Orthopedics, Hand
- AP spine, Dual femur and forearm, Lateral BMD
- Body composition & assessment
- Wide Scan area : 800 × 480mm
- Scan time : AP spine(23Sec.), Femur(19Sec.)
- Swing arm for space application
- 650mm, comfortable bed height

Technical specifications

- Half body DXA(Half body composition and assessment)
- Narrow fan beam
- Scan site : Half body, AP spine, Femur(Dual femur), Forearm, Lateral spine, LVA(VFA), Orthopedics, Hand
- Scan area : 800 × 480mm
- Scan time : AP spine - 23Sec.(± 2Sec.)
  Femur - 19Sec.(± 2Sec.)
  Forearm - 18Sec.(± 2Sec.)
  Half body - 3Min. 30Sec.(± 2Sec.)
- Automatic real one-scan
- Reproducibility : ≤ 1.0% C.V.
- Measured parameter : BMD, BMC, BMI, T-score, Z-score, Area, Half body BMD, Body composition(Fat / Lean / BMC), HA(Hip Analysis), Pediatrics, Orthopedics
- Swing arm
- Orthopedics / Pediatrics / B-Scope(Body-Scope) / FRAX / Color mapping / Trend report / DICOM & PACS
- Dimension : 1900 × 800 × 1230mm
- Table height : 650mm
- Weight : 160Kg
- Power consumption : 800VA
- Input voltage : 100-120, 220-240VAC

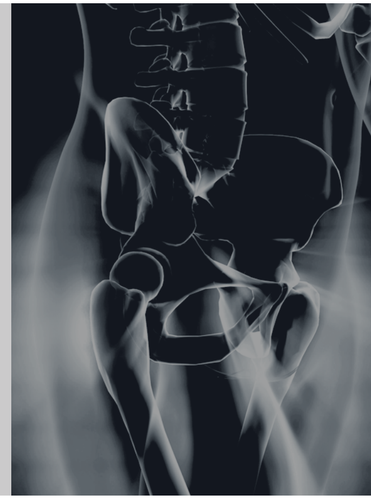
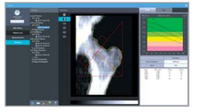
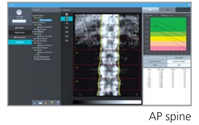
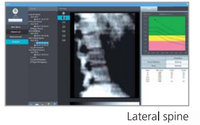


Image analysis

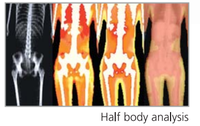
Main user interface


Femur

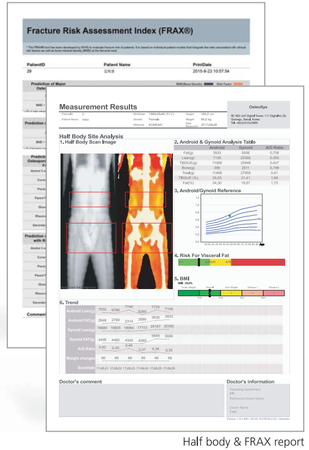

AP spine


Lateral spine


B-Scope(Body-Scope)


Half body analysis

Result report



Half body & FRAX report