

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



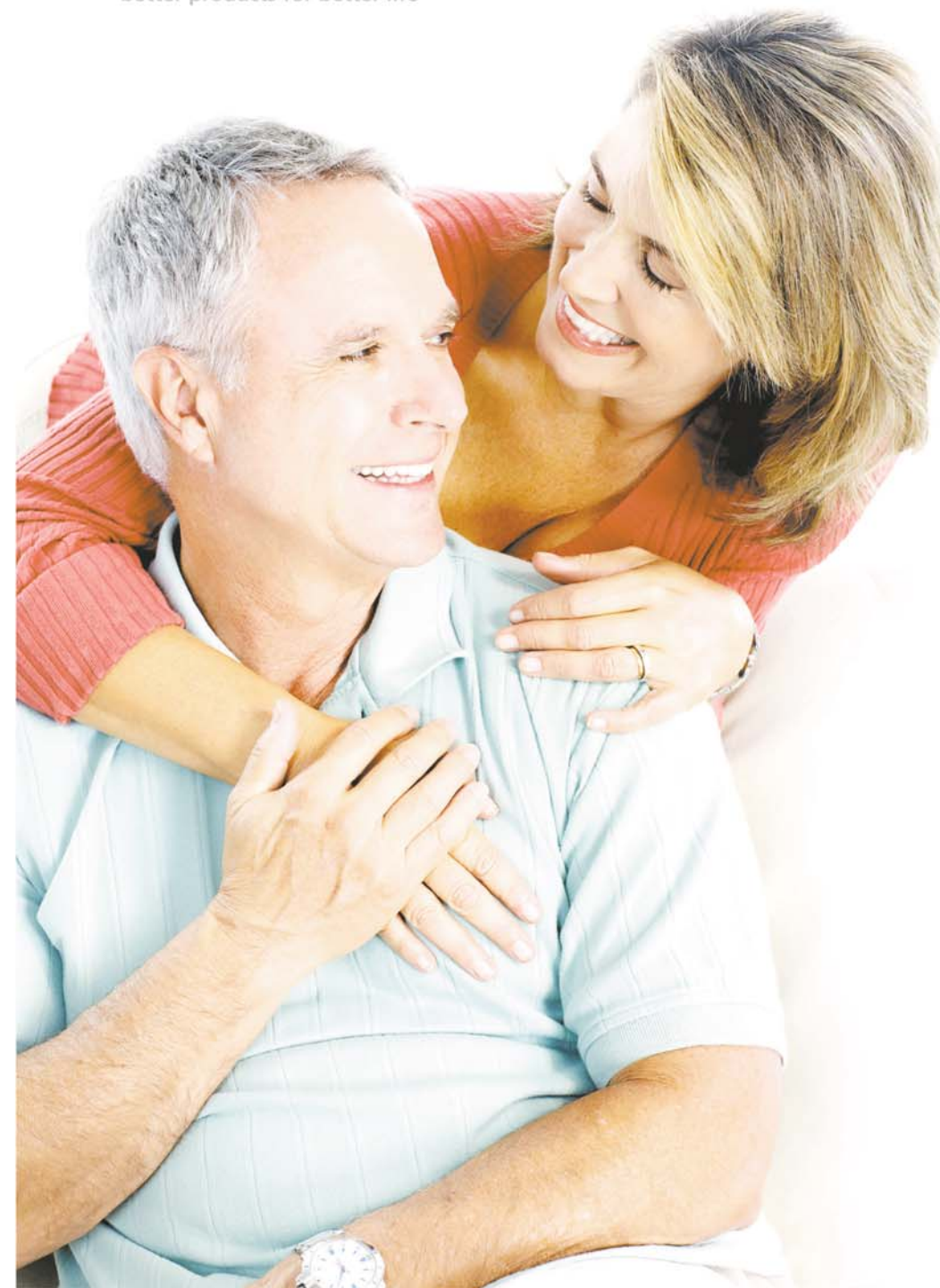
OsteoSys

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EXA-PRESTO

better products for better life



The cutting edge design of pDXA



OsteoSys



pDXA bone densitometer

The art of beauty & gorgeous design of peripheral DXA system

EXA-PRESTO is portable pDXA (Peripheral Dual energy X-ray Absorptiometry) with unique and compact design and it performs quick measuring speed and more precise measurement with specially designed positioner with low radiation level and it gives you easy operation with conventional work-station as well as laptop computer.

Features

- Quick scanning speed : 5sec.
- Scan site : Forearm
- Precise measurement with DXA technology
- Easy operation
- Most comfortable design
- Low radiation
- Reliable result
- Trend report
- 3D image analysis
- FRAX



Technical specifications

- pDXA (Peripheral Dual energy X-ray Absorptiometry)
- Cone beam
- Scan site : Forearm
- Scan time : 5Sec.
- Reproducibility : $\leq 1.0\%$ C.V.
- Measured parameter : T-score, Z-score, BMD, BMC ratio of T-score and Z-score
- BMD 3D view mode
- Pediatrics / Trend report / DICOM & PACS / GDP (Growth Diagnosis Program) / FRAX
- QC check (Daily QC phantom)
- Dimension : 364 × 321 × 633mm
- Weight : 18.6kg
- Power consumption : 100 ~ 240VAC, 50 ~ 60Hz



Result report

Fracture Risk Assessment Index (FRAX®)

Fracture Risk Assessment Index (FRAX®) is a tool to estimate the 10-year absolute risk of a major osteoporotic fracture (hip, spine, forearm, distal radius/wrist, and ankle) in individuals aged 50 and older.

PatientID: 20, Patient Name: 010, PrintDate: 2015-03-23 10:57:54

Prediction of Major Osteoporotic Fracture

FRAX Score: 11.9%

Prediction of Hip Fracture

FRAX Score: 6.5%

Prediction of Major Osteoporotic Fracture with Risk Factor

Actual 2 or more risk factors: 14.6% (± 0.1%)

Current Smoking: 0.0% (± 0.1%)

Previous Fracture: 2.0% (± 0.2%)

Parent Fracture Hip: 4.2% (± 0.2%)

Menopausal: 2.0% (± 0.2%)

Secondary osteoporosis: 0.0% (± 0.0%)

Information

Age: 70, Sex: Female, Height: 177.0 cm, Weight: 77.0 kg, BMI: 24.5, Race: Korean, Ethnicity: Korean, Regl Date: 2015-03-03

Report

Hospital Name: JNK Digital tower 9F, 222-3, Guro-Dong, Guro-Gu, Seoul, Korea

Printed Date: 2015-03-24, Telephone: +82 2 2025 1090

Patient's Info.

PatientID: 10, Name: Cy, Birthdate: 1977-07-07 (37.6), Height: 177.0 cm, Weight: 77.0 Kg, Ethnicity: Korean, Regl Date: 2015-03-03

Image

Left Forearm

Graph

T-Score: 1.2

Result

Measured Date: 2015-03-03 15:30

BMD: 0.523 g/cm², BMC: 1.493 g (2.68 cm²)

T-Score: -1.2, Young Adult (T-Ratio): 108.00 %

Z-Score: -1.3, Age Matched (Z-Ratio): 119.00 %

Comment

BMD T-Score classification

1-Score > 1 Normal

-1 ~ 1-Score > -2.5 Osteopenia

< -2.5 ~ 1-Score Osteoporosis

Doctor Name: Test 150303

EXA-Presto, OsteoSys

Forearm & FRAX report

