

NT Series
DPX
Bone Densitometer

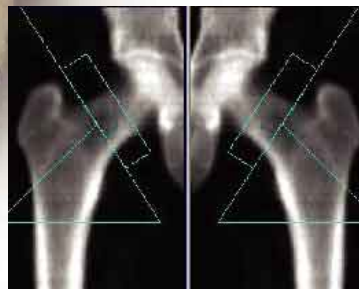


Clinical DXA

Bone densitometry has reached a new landmark in clinical performance with the DPX-NT densitometer. The unique combination of high-performance scanning, advanced clinical utility, and the revolutionary enCORE™ software brings unprecedented ease of use and throughput to densitometry.

The DPX's clinical features assist physicians in diagnosing osteoporosis, assessing fracture risk, and monitoring response to therapy. The femur is the critical fracture site, and DPX's unique DualFemur™ feature automatically assesses the density of both femurs in one acquisition. The spine is also a key measurement site due to its rapid response to therapy. The DPX's total body program measures both bone density and body fat assessment. The total body program is an excellent tool that may be used for assessing weight-loss therapy, exercise programs, endocrine/growth disorders, pediatric and sports medicine applications, and patients with secondary osteoporosis.

DXA (dual-energy x-ray absorptiometry) technology coupled with innovative software and hardware engineering for reliable performance – a necessity in today's medical environment.



DualFemur calculates the average density of both femurs for unmatched precision to follow changes over time.



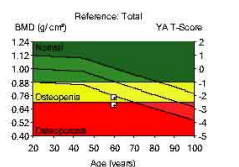
GE Medical Systems

LUNAR

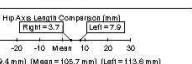
726 Heartland Trail, Madison, WI 53717

Patient: Sample, Report Patient ID: 123-45-6789
 Birth Date: 10/06/1942 59.6 years Physician: Dr. Crusher
 Height / Weight: 64.5 in. 133.3 lbs. Measured: 05/14/2002 11:44:57 AM (6.10)
 Sex / Ethnic: Female White Analyzed: 05/23/2002 9:24:27 AM (6.50)

DualFemur Bone Density



Region	BMD (g/cm³)	Young-Adult T-Score	Age-Matched Z-Score
Neck	0.765	-1.8	-0.6
Left	0.671	-2.6	-1.4
Right	0.718	-2.2	-1.0
Mean	0.695	0.8	0.8
Total	0.751	-2.1	-1.1
Left	0.680	-2.7	-1.7
Right	0.715	-2.4	-1.4
Difference	0.070	0.6	0.6



COMMENTS:

- 1- Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³) for DualFemur Total Mean
- 2- USA, Femur Reference Population, Ages 20-40
- 3- Matched for Age, Weight (Removes 25-100 kg), Ethnic
- 4- Standardized BMD for Total Right is 0.735 g/cm³, Total Left is 0.704 g/cm³
- 5- DualFemur Total T-Score difference is 0.6, Asymmetry 1.1 MM
- 6- WHO - Definition of Osteoporosis and Osteopenia for White Women: Normal = T-Score at or above -1.0 SD; Osteopenia = T-Score between -1.0 and -2.5 SD; Osteoporosis = T-Score at or below -2.5 SD

Printed: 05/24/2002 8:31:13 AM (6.50) Filename: selsc_gw3ry04ab.dfr; Right Femur: 12.8/96Fat=21.2%; Neck Angle (deg): 53; Scan Mode: Precise; Left Femur: 13.1/96Fat=19.2%; Neck Angle (deg): 40; Scan Mode: Precise

GE Medical Systems
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Prodigy
DF-00001



enCORE Software:
 Point-and-click navigation
 for fast, easy operation

enCORE software

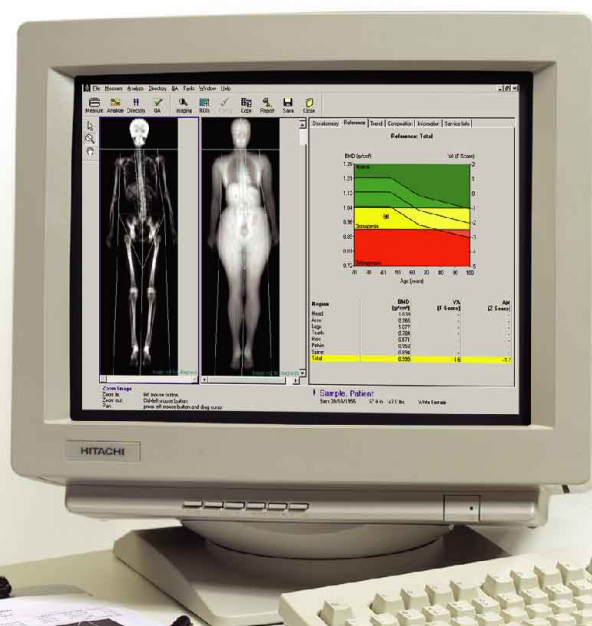
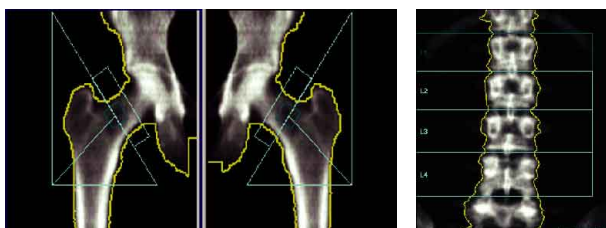
enCORE software, the latest advance in clinical DXA, is the foundation for the superior performance of the DPX-NT. enCORE software, based on Windows XP®, was engineered to provide ease of use, automation, speed, and reliable results even with multiple operators.

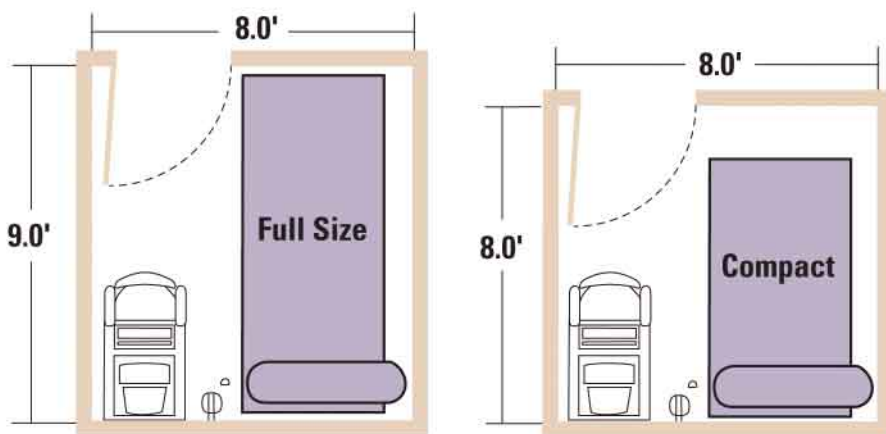
Patient scanning is quick and automated with enCORE's SmartScan feature, eliminating the need for scout scans. This unique program automatically adjusts the scan path real-time during acquisition for the optimal scan of the specified region. Consistent, accurate results are assured, even with multiple operators. SmartScan allows rapid acquisition without compromising the reliability or precision of the results.

Scan analysis is a potential source of operator error when subjective operator decisions are required. enCORE's AutoAnalysis calculates patient results in just one keystroke for fast, precise results in busy practices. Excellent precision is the key factor in detecting small changes in bone density over time.

Concise Reports

Patient reports are concise and easy to interpret, improving communication with referring physicians and patients alike. The report includes patient biographical data as well as a high-resolution image of the bone. Patient results are compared to the reference population on the color-coded graph. The World Health Organization categories for fracture risk assessment (Normal, Osteopenic, Osteoporotic) are clearly displayed on the graph for easier interpretation of the patient's T-score.





Standard Hardware Configuration:

Microsoft® Windows® XP Professional 1.2 GHz MHz Intel® Celeron® processor, 512 MB RAM, 20 GB hard disk, 8 MB Video RAM, 52x CD ROM, 250 MB Zip drive, 56k modem, 10/100 MB Network card, Super VGA, 1024 x 768 or higher video adapter, 17" monitor, HP Deskjet 940c Color Printer.

Compact

Full

Standard Features

AP Spine	AP Spine
Femur	Femur
enCORE Windows XP	enCORE Windows XP

Optional Features

DualFemur	DualFemur
OneVision	OneVision
Forearm	Forearm
Pediatric	Pediatric
Prosthetic Hip	Prosthetic Hip
Dexter/PDA	Dexter/PDA
Composer	Composer
TeleDensitometry	TeleDensitometry
	Total Body/Body Composition

Minimum Room Size

LxWxH (m/ft)

Full size	2.7 x 2.1m / 9.0 x 8.0 ft
Compact	2.1 x 2.1m / 8.0 x 7.0 ft

Please forward any questions or concerns along with a room drawing to Customer Support.

Footprint

LxWxH (m/ft)

Full size	242 x 103 x 128cm 95.5 x 40.6 x 50.5in
Compact	181 x 103 x 128cm 71.25 x 40.6 x 50.5in

Time/Exposure

Site Time Exposure

Spine	2m	2.0 mR
DualFemur	2m	2.0 mR
Forearm	7m	0.3 mR
Total Body	10m	.02mR

BMD Clinical Precision

<1%

Power	100/240 VAC +/-10%, THD<5%*, 600 VA
Temp/Humidity	65° - 81°F (18° - 27°C) 20%-80% non-cond.
Full Size Weight	272.16 kgs (600 lbs)
Compact Size Weight	254 kgs (559 lbs)

GE Healthcare

Waukesha, Wisconsin U.S.A.

www.gehealthcare.com

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