Life in Motion

At Hologic, we define the standard of care in skeletal health.

Our long history of innovation and expertise lets us bring you clinically meaningful and reliable technologies that move care forward. You can rely on us to deliver a versatile set of powerful tools that provides the comprehensive data you need to help keep life in motion for your patients.

Hologic’s new Horizon DXA System generates the crisp, clear, high-resolution images you need to accurately assess bone density, fracture risk, body composition, and calcified plaque in the abdominal aorta. All during a single exam. It combines a wealth of advanced, proprietary technologies that work together to give you a precise picture of what’s going on inside a patient’s body.

With the Horizon DXA System, you can make informed diagnoses and treatment decisions with confidence. And deliver the extraordinarily powerful care your patients need to keep life in motion.

References:
1. NIAMS 2007, Handout on Health: Osteoporosis
2. World Health Organization
3. Up to 450 Pounds

www.hologic.com | info@hologic.com | +1.781.999.7589

North America / Latin America
35 Crosby Drive
Bedford, MA 01730-1401
USA
Hologic.com

Europe
Kennis (Cloon Priest)
Larenseweg 93A
1186 BC Laren
The Netherlands

Asia Pacific
7/F Room B101, Science Park II
No. 11 Science Park West Avenue
Hong Kong Science Park
Shatin, New Territories
Hong Kong

Australia
Suite 400, Level 1
2 Lyon Park Road
Macquarie Park 2113
Australia

Every Life is Extraordinary

Powerful images. Clear answers.

Introducing the future of DXA
Life in Motion
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North America / Latin America
35 Crosby Drive
Bedford, MA 01730-1401
USA
hologic.com

Europe
Soren Kierkegaard 1
2420 Copenhagen NV
Denmark

Asia Pacific
7th Floor, Biotech Centre 2
No. 11 Science Park West Avenue
Hong Kong Science Park
Shatin, New Territories
Hong Kong

Australia
Suite 402, Level 4
2 Lyon Park Road
Macquarie Park NSW 2113
Australia
Hologic turns ideas into innovation. Again.

Hologic cares about you and your patients—about keeping their bones healthy, so they can move freely and enjoy life to the fullest. We were the first company to introduce a dual-energy, X-ray absorptiometry system, setting a new standard for bone densitometry. Now we’re taking it to the next level with the Horizon™ DXA System, an innovation designed to create higher quality images for you and improved quality of life for your patients.

Remarkable images for richer lives. When your patients’ health is in your hands, you want the highest quality images possible to accurately determine bone mineral density, pinpoint fractures, identify acoustic calcifications, and measure body composition.

The Horizon DXA Systems delivers. A new, multi-element detector array incorporates the same high-definition technology used in modern CT devices. It enables you to capture highly detailed images you can trust—even when imaging large, obese patients. With its low-noise detectors, you have the power to assess an expanded range of clinical conditions with speed and precision.

Hologic’s detector array also works in concert with a new high-capacity X-ray generator to increase heat-load capacity for longer life—with no cool-down time. Not only does this help increase patient throughput, it improves image quality. The Horizon DXA System’s remarkable, high-resolution images are designed to enrich lives—yours and your patients.

Atypical Femur Fracture Assessment

Only Horizon DXA produces radiographic quality images of the entire femur for assessment of potential atypical femur fractures. A quick, 15-second scan reveals cortical thinning of the bone, making it fast and easy to monitor the effects of bisphosphonate therapy over time.

Abdominal Aortic Calcification

This is the one DXA system that lets you visualize calcified plaque in the abdominal aorta, which may be a significant indication of heart disease and stroke—two of the leading causes of death in men and women.

Instant Vertebral Assessment™ Scan

Assess fracture risk by combining an accurate assessment of bone density with high-resolution vertebral imaging. You can identify spine fractures with a low-dose, single-energy image in 10 seconds.

BMD Histogram

Improve accuracy and reduce post-exam analysis errors with precise, software-assisted placement of inter-vertebral disc spaces for graphic analysis.

Internal Dynamic Calibration System

Hologic’s exclusive Dynamic Calibration System delivers pixel-by-pixel calibration throughout bone and tissue equivalents—for greater long-term precision. The adaptable aperture is now completely lead-free, currently calibrated through bone and tissue equivalents—so you can trust the data.

OnePass™ Technology

A new digital high resolution ceramic detector array is paired with true fan-beam acquisition geometry to enable rapid, dual-energy bone density measurements in a single-sweep scan. OnePass eliminates beam overlap errors and image distortion found in needle-like acquisition techniques—for superior image quality and data stability. Another Hologic exclusive.

Express Exam™

This is the gateway for true paperless densitometry. Store images on your PACS and archive them, send information directly from your HIS to the scanner to reduce errors and costs. Your patients experience greater comfort, faster exam times, and low X-ray dose examinations. With this single, comprehensive platform, you can assess multiple chronic diseases to help build a personal patient history.

The Horizon DXA System is fast to learn and easy to use—with a practical user interface that streamlines the exam process from start to finish. Plus, we’ve incorporated powerful new tools to improve workflow, accelerate productivity, and make it simple to communicate and collaborate with other departments. No matter where they’re located.

Whether you’re looking to incorporate bone densitometry into your practice or conduct research, we invite you to learn more at Hologic.com. Or contact your Hologic representative.

So you can accelerate work flow and improve patient satisfaction. No matter where they’re located.

Help your chronic disease patients keep life in motion.

The IRIS™ Enterprise Connectivity Suite is the gateway for true paperless densitometry. Share images on your PACS and archive them, send information directly from your HIS to the scanner to reduce errors and costs. Your patients experience greater comfort, faster exam times, and low X-ray dose examinations. With this single, comprehensive platform, you can assess multiple chronic diseases to help build a personal patient history.

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Download demographics and exam information directly from your HIS to the scanner to reduce errors and costs. You can also send BMD and Instant Vertebral Assessment™ DICOM files to the Hologic Physicians Viewer™ program and PACS. Then transmit reports to your HIS/RIS and EMR via HL7. With our optional DB Sync™ software, you can even share data between scanners at different locations.

Innovative, user-friendly software walks your through the process step by step.
Hologic turns ideas into innovation. Again.

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**Remarkable images for richer lives.**

When your patients’ health is in your hands, you want the highest quality images possible to accurately determine bone mineral density, pinpoint fractures, identify acute calcifications, and measure body composition.

The Horizon™ DXA System delivers. A new, multi-element detector array incorporates the same high-definition technology used in modern CT devices. It enables you to capture highly detailed images you can trust—even when imaging large, obese patients. With its low-noise detectors, you have the power to assess an expanded range of clinical conditions with speed and precision.

Hologic’s detector array also works in concert with a new high-capacity X-ray generator to increase heat-load capacity for longer life—with no cool-down time. Not only does this help increase patient throughput, it improves image quality.

The Horizon DXA System’s remarkable, high-resolution images are designed to enrich lives—yours and your patients.

**Arterial Femoral Fracture Assessment**

Only Horizon DXA produces radiographic quality images of the entire femur for assessment of potential atypical femur fractures. A quick, 15-second scan reveals cortical thinning of the bone, making it fast and easy to monitor the effects of bisphosphonate therapy over time.

**Abdominal Aortic Calcification**

This is the one DXA system that lets you visualize calcified plaque in the abdominal aorta, which may be a significant indication of heart disease and stroke—two of the leading causes of death in men and women.

**Instant Vertebral Assessment Scan**

Assess fracture risk by combining an accurate assessment of bone density with high-resolution vertebral imaging. You can identify spine fractures with a low-dose, single-energy image in 10 seconds.

**BMI Hologram**

Improve accuracy and reduce post-exam analysis errors with precise, software-assisted placement of intervertebral-disc spaces for graphic analysis.

**Internal Dynamic Calibration System**

Hologic’s exclusive Dynamic Calibration System delivers pixel-by-pixel calibration throughout bone and tissue equivalents—for greater long-term precision. The adaptable aperture is now completely lead-free, currently calibrated through bone and tissue equivalents — for greater long-term precision. The adjustable aperture is now completely lead-free, currently calibrated through bone and tissue equivalents — for greater long-term precision. The adjustable aperture is now completely lead-free, currently calibrated through bone and tissue equivalents — for greater long-term precision.

**OnePass™ Technology**

A new digital high resolution ceramic detector array is paired with true fan-beam acquisition geometry to enable rapid, dual-energy bone density measurements in a single-sweep scan. OnePass eliminates beam overlap errors and image distortion found in rectilinear acquisition techniques—for superior image quality and data stability. Another Hologic exclusive.

**Physician’s Report Writer DX™ feature.**

Reproduce deformity and communicate the data directly into the NEWLY integrated Physician’s Report Writer DX™ feature. So you can accelerate workflow with integrated, remote access exam acquisition and one-click reporting. You can view and interpret images from anywhere on any device.

**Take the work out of workflow.**

The Horizon DXA System is fast to learn and easy to use—with a practical user interface that streamlines the exam process from start to finish. Plus, we have incorporated Hologic’s proven tools to improve workflows, accelerate productivity, and make it simple to communicate and collaborate with other departments. No matter where they’re located.

With this single, comprehensive platform, you can access multiple clinical views in a single visit. Your patients experience greater comfort, faster exam times, and low X-ray exposure as reimbursement. While you gain an expanded range of highly valuable clinical services to help fulfil the promise of your practice.

Whether you’re looking to incorporate bone densitometry into your practice or conduct research, we invite you to learn more at Hologic.com. Or contact your Hologic representative.

Help your diverse, disease patients keep life in motion.
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Remarkable images for richer lives.

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Hologic’s detector array also works in concert with a new high-capacity X-ray generator to increase heat-load capacity for longer life—with no cool-down time. Not only does this help increase patient throughput, it improves image quality.

The Horizon DXA System’s remarkable, high-resolution images are designed to enrich lives—yours and your patients.

**Apical Femur Fracture Assessment**

Only Hologic produces radiographic quality images of the entire femur for assessment of potential atypical femur fractures. A quick, 15-second scan reveals cortical thinning of the bone, making it fast and easy to monitor the effects of bisphosphonate therapy over time.

**Abdominal Aortic Calcification (AAC) screening for cardiovascular disease**

Abdominal Aortic Calcification and easy to monitor the effects of bisphosphonate therapy over time.

**Instant Vertebral Assessment™ Scan**

Assess fracture risk by combining an accurate assessment of bone density with high-resolution vertebral imaging. You can identify spina bifida fractures with a low-dose, single-energy image in 10 seconds.

**BMD Histogram**

Improve accuracy and reduce post-exam analysis errors with precision, software-assisted placement of inter-vertebral disc spaces for graphic analysis.

**Internal Dynamic Calibration System**

Hologic’s exclusive Dynamic Calibration System delivers pixel-by-pixel image calibration throughout bone and tissue equivalents—for greater long-term precision. The adaptable aperture is now completely lead-free, allowing the Horizon DXA System to green up the market.

**OnePass™ Technology**

A new digital high-resolution ceramic detector array is paired with true fan-beam acquisition geometry to enable rapid, dual-energy bone density measurements in a single-sweep scan. OnePass eliminates beam overlap errors and image distortion found in rectilinear acquisition techniques—for superior image quality and data stability. Another Hologic exclusive.

**Graphical user interface**

Streamlined, user-friendly interfaces simplify patient setup, scanning, image archiving, and data transfer—-to improve your workflow and patient satisfaction. One-step multiple patient management and reporting enables you to capture highly detailed images you can trust— even when imaging large, osteopathic patients. With its low-noise detectors, you have the power to assess an expanded range of clinical conditions with precision and accuracy.

**MDXa Pro™ feature in the APEX™ operating system**

Express Exam™ software walks your through the process step by step. The MDXa Pro™ feature in the APEX™ operating system simplifies patient set-up, scanning, image archiving, and data transfer—to improve your workflow and patient satisfaction. One-step multiple patient management and reporting enables you to capture highly detailed images you can trust—even when imaging large, osteopathic patients. With its low-noise detectors, you have the power to assess an expanded range of clinical conditions with precision and accuracy.

**Take the work out of workflow**

The Horizon DXA System is fast to learn and easy to use—with a practical user interface that streamlines the exam process from start to finish. Plus, we reengineered our Platinum Sync™ software to improve workflow, accelerate productivity, and make it simple to communicate and collaborate with other clinicians. No matter where they’re located.

With this single, comprehensive platform, you can access multiple clinicians across a single visit. Your patients experience greater comfort, faster exam times, and low X-ray dose examinations. While you offer an expanded range of highly valued clinical services to help build the success of your practice.

Whether you’re looking to incorporate bone densitometry into your practice or conduct research, we invite you to learn more at Hologic.com. Or contact your Hologic representative.

Help your diverse disease patients keep life in motion.

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Keeping life in motion.

Life in Motion

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BREAST IMAGING SOLUTIONS • INTERVENTIONAL BREAST SOLUTIONS • SKELETAL HEALTH
PREGNATAL HEALTH • GYNECOLOGIC HEALTH • MOLECULAR DIAGNOSTICS

References:
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182, Gluckstein
Belgium

Asia Pacific
79/F Runciman Building 2
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