Keeping life in motion.

1 in 2 women over 50 are at risk of a vertebral fracture
Nearly 25% of the world’s population is dangerously overweight or obese

These facts speak volumes about the devastating effects of chronic disease. They also signal a growing demand for reliable screening, early detection, and personalized care aimed at helping people everywhere live longer, healthier lives.

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. Regardless of size or medical condition.

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.

Raising the bar.

The Horizon™ DXA System is a powerful solution to take skeletal health to the next level with higher quality images, patient throughput, reduced interpretation time and improved overall patient management.

This multi-faceted system is the only one designed to assess these three major health concerns:

- Osteoporosis – including the all new atypical femur fracture (AFF) assessment
- Body composition
- Cardiovascular risk

Keeping lives 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.

Clinical Diagnostics Solutions
Skeletal Health Solutions
Women’s Health Solutions

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

**Abdominal Aortic Calcification**

‡ Image courtesy of Dr. Cheung, University of Toronto

Instant Vertebral Assessment™ Scan

Assess fracture risk by combining an accurate measurement 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 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-sensitive scan. OnePass eliminates beam overlap errors and image distortion found in rectilinear acquisition techniques — for superior image quality and data stability. Another Hologic exclusive.

**More views, More insight**

An innovative graphic user interface simplifies patient set-up, scanning, image archiving, and data transfer — to improve your workflow and patient satisfaction.

**More data-retrieving and reporting tools**

Connect Sync™ software, you can even share data and transmit reports to your HIS/RIS and EMR via HL7. With our optional DB software, you can save even more data between scanners at different locations.

**Learn more about Horizon by visiting Hologic.com or by contacting your Hologic representative.**
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 the 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.

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

Analytical Fracture Fracture Assessment

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

Abdominal Aortic Calcification

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

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MXApro™ feature in the APEX™ operating software automatically grades vertebral deformity and communicates the data directly into the NEVERLY integrated Physicians Report Work™ tool—so you can accelerate workflow with integrated, remote-experience transcription and one-click reporting. You can view and interpret images and information from anywhere on any device.

Paperless connectivity

Physicians Viewer™ is the gateway for true paperless densitometry. Store images on your PACS and clinical database, then send 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 HologicMXApro™ feature in the APEX™ operating software automatically grades vertebral deformity and communicates the data directly into the NEVERLY integrated Physicians Report Work™ tool—so you can accelerate workflow with integrated, remote-experience transcription and one-click reporting. You can view and interpret images and information from anywhere on any device.

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Sync™ software, you can even share data and scan acquisition. Express Exam™ streamlines the exam process from start to finish. Plus, we’ve incorporated a wealth of clinical tools to improve workflow, accelerate productivity, and make it simple to communicate and collaborate with other doctors. No matter where they’re located.

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 a wealth of clinical tools to improve workflow, accelerate productivity, and make it simple to communicate and collaborate with other doctors. No matter where they’re located.

Whether you’re looking to incorporate bone densitometry into your practice or conduct research, learn more about Horizon by visiting Hologic.com or by contacting your Hologic representative.
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.

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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.

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### Typical Femur Fracture Assessment

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Visualized 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

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### Express Exam™

The Express Exam™ feature is the gateway for true paperless densitometry. Store images on your PACS and 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.

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17 million people around the world will die from cardiovascular disease this year.

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Clinical Diagnostics Solutions
Skeletal Health Solutions
Women’s Health Solutions

hologic.com | info@hologic.com | +1.781.999.7065

Introducing the future of DXA

Powerful images. Clear answers.

Horizon™ DXA System
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