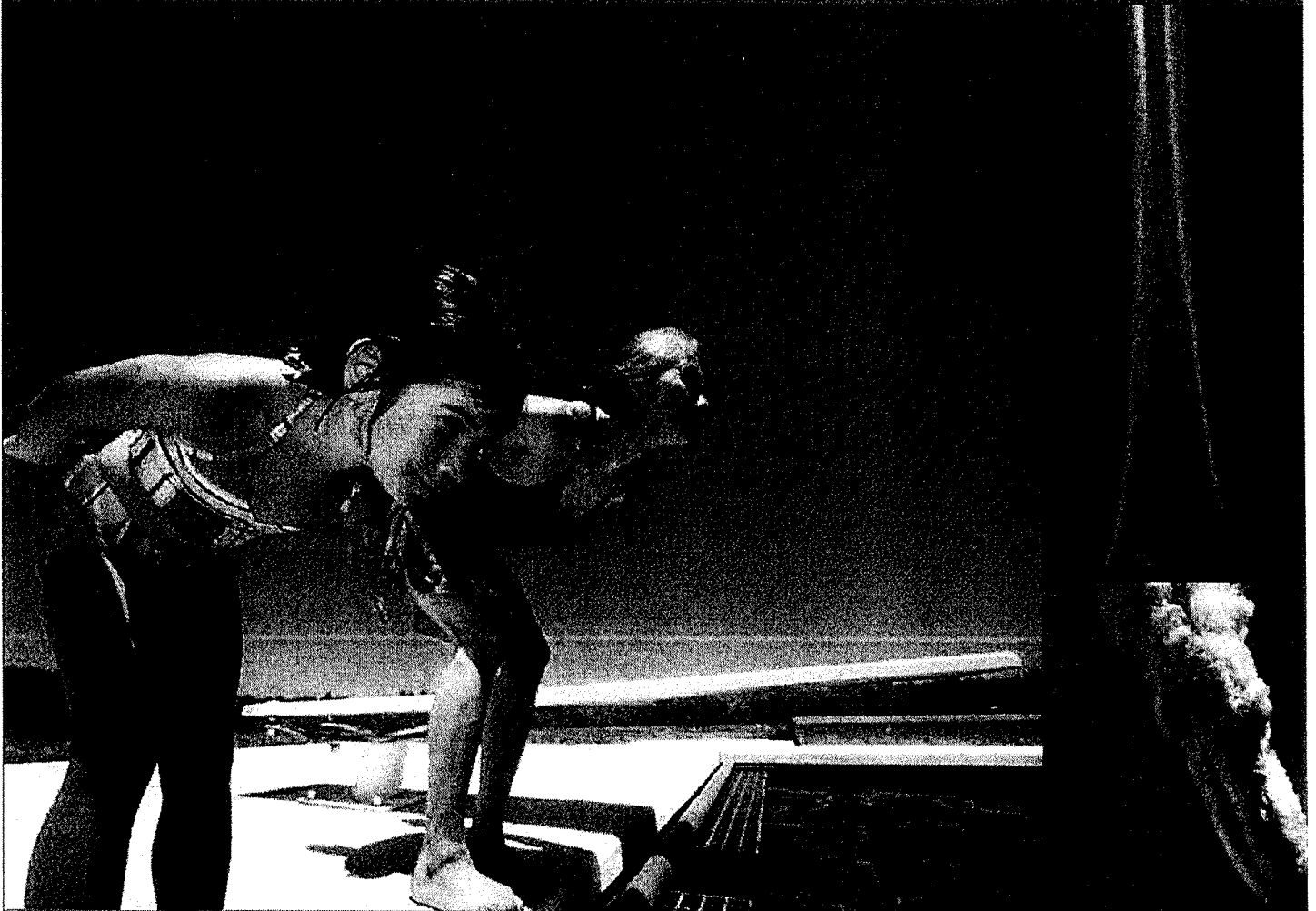


Introducing the future of DXA



Powerful images.  
Clear answers.

Horizon™ DXA System

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*อนุช*





# 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 aortic calcifications, and measure body composition.

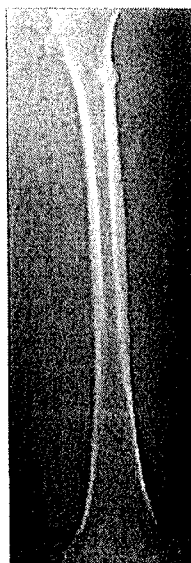
The Horizon DXA System delivers. A new, multi-element detector array incorporates the same high-definition technology used in modern CT devices. It enables you to capture highly detailed images you can trust – even when imaging large, obese patients. With its low-noise detectors, you have the power to 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.

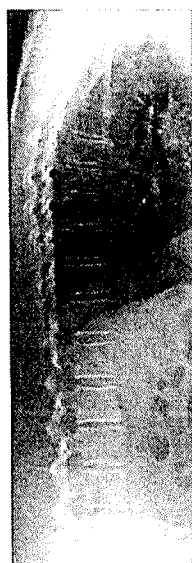
The Horizon DXA System's remarkable, high-resolution images are designed to enrich lives — yours and your patients.

### Atypical Femur 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.



Incomplete atypical femur fracture<sup>1</sup>



IVA-HD linear single energy

### 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

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

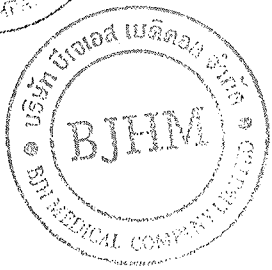
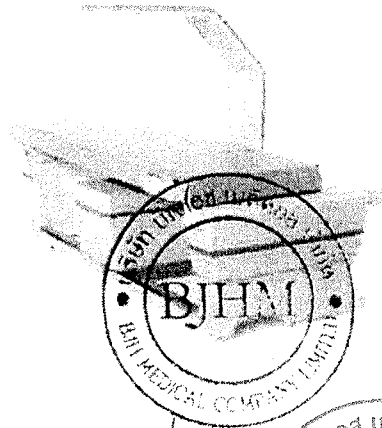
Improve accuracy and reduce post-exam analysis errors with precise, software-assisted placement of inter-vertebral disc spaces for graphic analysis.

### 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-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.



<sup>1</sup> Image courtesy of Dr. Cheung, University of Toronto

คณะกรรมการพิจารณาผลการประกวดราคาอิเล็กทรอนิกส์

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*สุนวัชร*

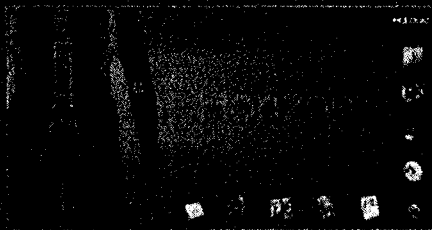
*สุนทิพย์*

# Take the work out of workflow.

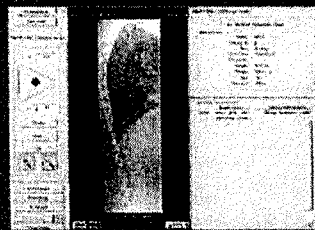
The Horizon DXA System is fast to learn and easy to use – with a graphical user interface that streamlines the exam process from start to finish. Plus, we've incorporated a wealth of innovative tools to improve workflow, accelerate productivity, and make it simple to communicate and collaborate with other clinicians. No matter where they're located.

With this single, comprehensive platform, you can assess multiple chronic diseases in a single visit. Your patients experience comfort, fast 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, learn more about Horizon by visiting [Hologic.com](http://Hologic.com) or by contacting your Hologic representative.



Graphical user interface



Physicians Viewer™

### More vision. More insight.

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

### One-click reviewing and reporting

MXApro™ feature in the APEX™ operating software automatically grades vertebral deformity and communicates the data directly into the NEWLY integrated Physician's Report Writer™ DX feature - so you can accelerate workflow with integrated, remote paperless interpretation and one-click reporting. You can view and interpret images and information from anywhere on any device.

### Expediting consistency

The IRIS™ Enterprise Connectivity Suite is the gateway for true paperless densitometry. Store images on your PACS and 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, 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.

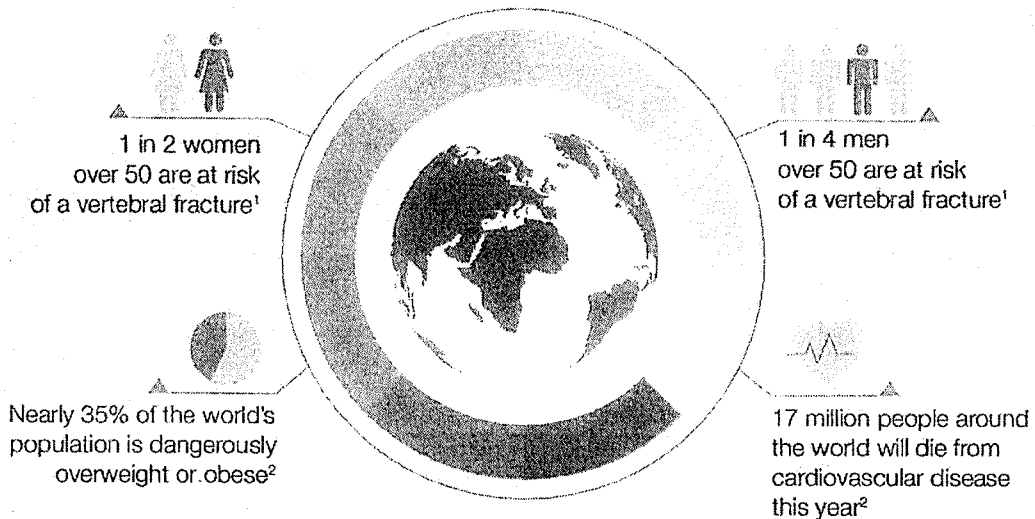
### Fast exams

Reduce operator involvement by 25% with true automated patient positioning and scan acquisition. Express Exam™ software walks you through the process step by step.

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*อนุรัตน์*  
*อนุรัตน์*  
 Hologic COMPANY, INC.

# Keeping life in motion.



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<sup>3</sup> 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.

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

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Signature

