

The future of DXA


Horizon™ DXA System





**Powerful images.
Clear answers.**



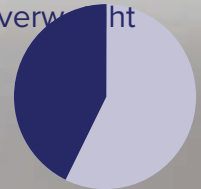
Keeping life in motion.

1 in 4 
men
over 50 are at risk of a
osteoporotic fracture¹

1 in 2 
women
women over 50 are at
risk of a osteoporotic
fracture¹


17 millions
people around the
world will die from
cardiovascular
disease this year²

More than **35%**
of the world wide
population is overweight
or obese³



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.

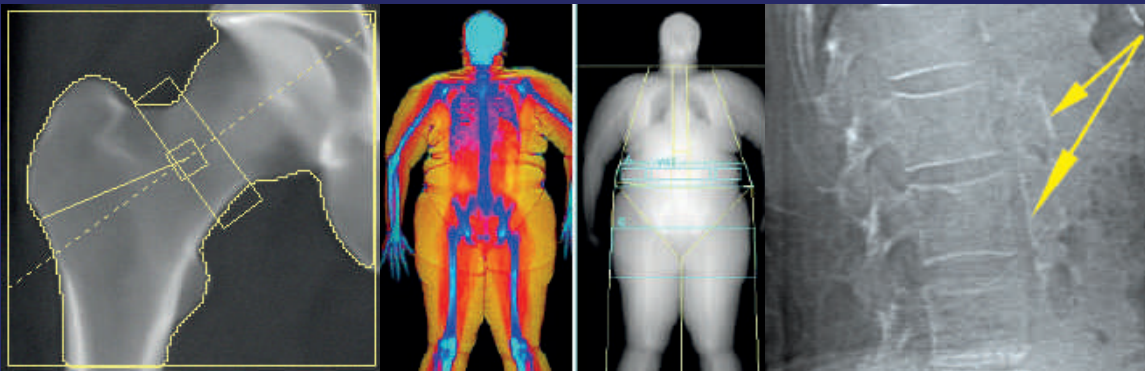
Hologic's new Horizon DXA System generates the crisp, clear, high-resolution images you need to accurately assess bone density, fracture risk, body composition, and calcified plaque in the abdominal

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 size⁴ 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.

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.



A 10-second spine and hip bone scan for determining fracture risk

Color image mapping can be utilized for verifying and evaluating trending changes in body fat

Abdominal Aortic Calcification (AAC) screening for cardiovascular assessment



* FDA 510K clearance K023398, K041226, K042480, K130277 (AFF), K113356(VAT), K103265(Whole Body), K072847 (AAC), K060111 (AAC)

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.¹ 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*

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

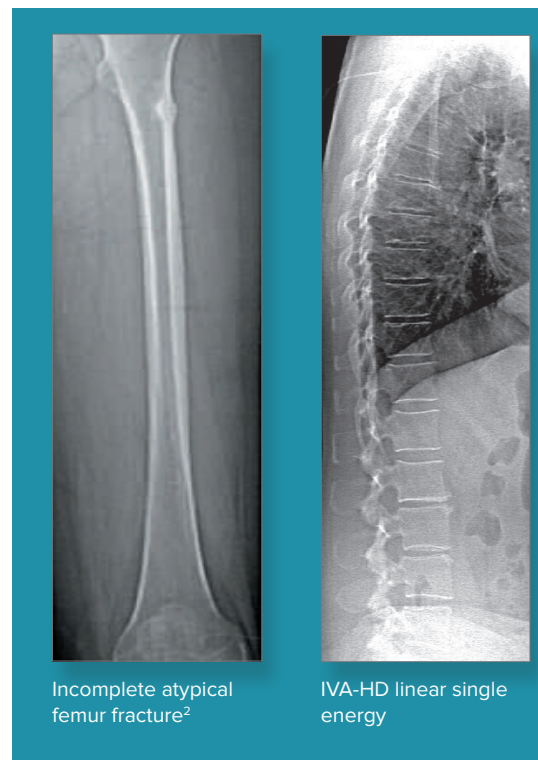
Improve accuracy and reduce post-exam analysis errors with precise, software-assisted placement of inter-vertebral disc spaces for graphic analysis.

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.³

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.



* FDA 510K clearance K023398, K041226, K042480, K130277 (AFF), K113356(VAT), K103265(Whole Body), K072847 (AAC), K060111 (AAC)

1. <https://www.hologic.com/hologic-products/breast-skeletal/horizon-dxa-system>

2. Image courtesy of Dr. Cheung, University of Toronto

3. Hangartner TN. A study of the long-term precision of dual-energy x-ray absorptiometry bone densitometers and implications for the validity of the least-significant-change calculation. *Osteoporosis Int.* 2007 Apr;18(4): 513-23

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.



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.

Paperless densitometry

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.

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 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.

www.hologic.com | info@hologic.com | +32.2.711.4680

Hologic BVBA
The Corporate Village
Building Caprese, 8th Floor
Da Vinciiaan 5
1935 Zaventem, Belgium
Tel: +32.2.711.4680
Fax: +32.2.725.2087

PB-00238-EUR-EN Rev001 © Hologic 2019. All rights reserved. Printed in Europe. Specifications are subject to change without prior notice. Hologic, APEX, Express Exam, Horizon, Instant Vertebral Assessment, IRIS, MXApro, OnePass, Physicians Report Writer, Physicians Viewer and associated logos are trademarks and/or registered trademarks of Hologic, Inc. and/or its subsidiaries, in the United States and/or other countries. All other trademarks and registered trademarks are the property of their respective owners. This information is intended for medical professionals in the U.S. and other markets and is not intended as a product solicitation or promotion where such activities are prohibited. Because Hologic materials are distributed through websites, eBroadcasts and tradeshows, it is not always possible to control where such materials appear. For specific information on what products are available for sale in a particular country, please contact your local Hologic representative or write to womenshealth@hologic.com.