



**Selenia® Digital Breast Imaging Solutions**  
Saving Time. Saving Lives.

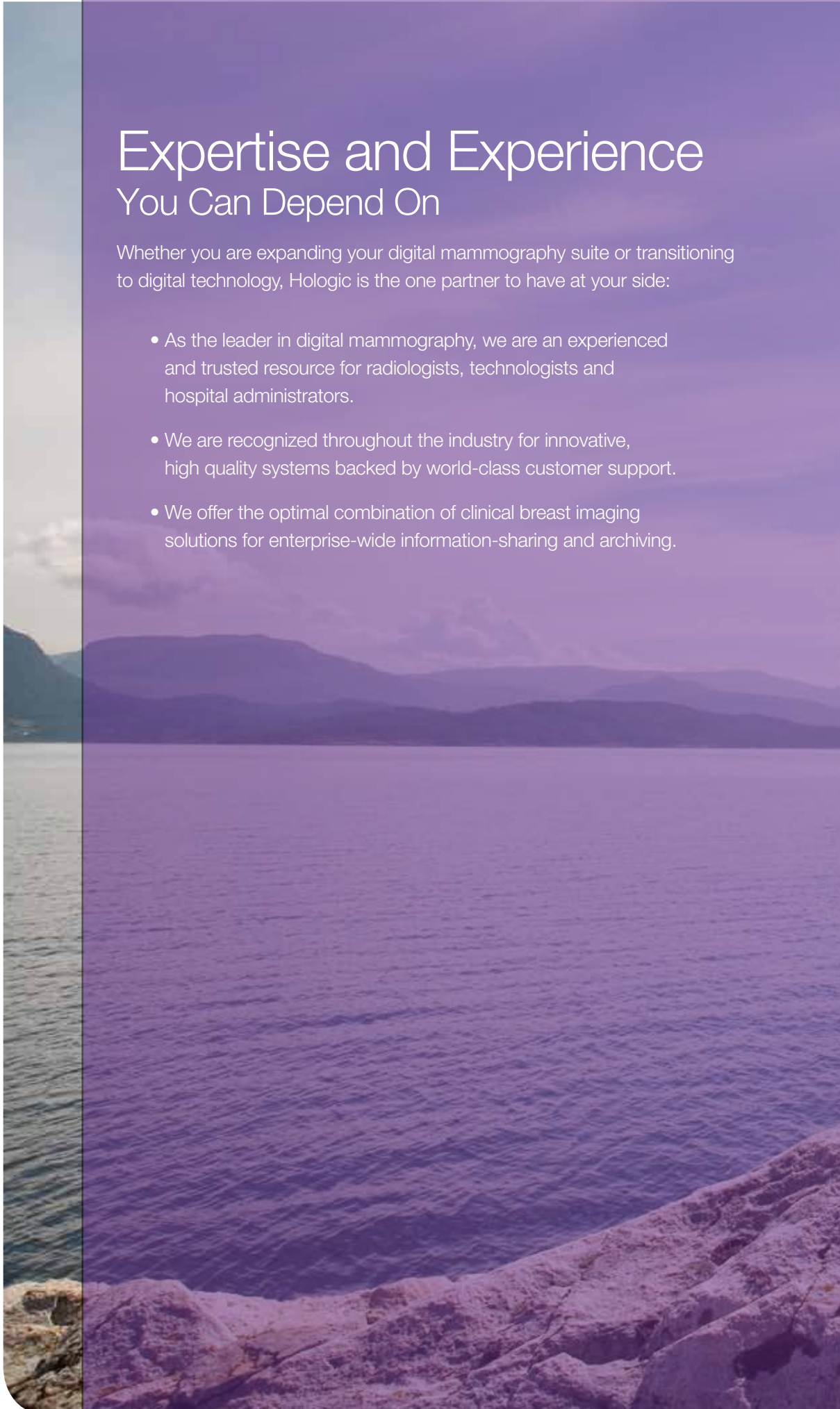


**HOLOGIC®**  
The Women's Health Company

# Expertise and Experience You Can Depend On

Whether you are expanding your digital mammography suite or transitioning to digital technology, Hologic is the one partner to have at your side:

- As the leader in digital mammography, we are an experienced and trusted resource for radiologists, technologists and hospital administrators.
- We are recognized throughout the industry for innovative, high quality systems backed by world-class customer support.
- We offer the optimal combination of clinical breast imaging solutions for enterprise-wide information-sharing and archiving.



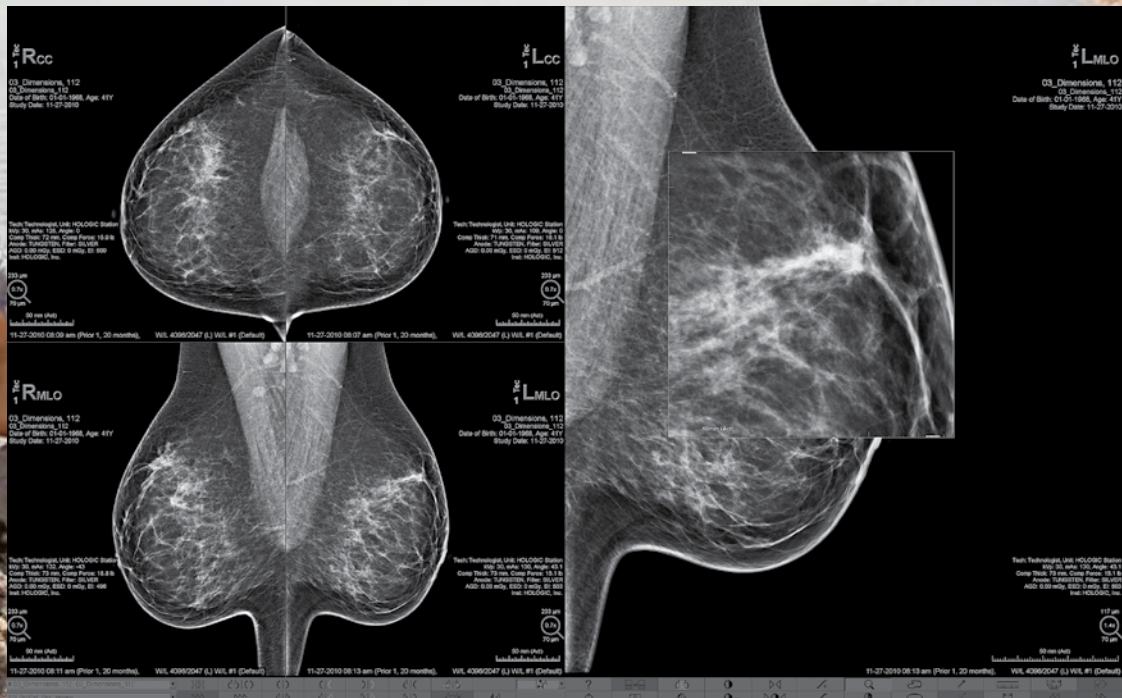


# Superb Detection Through Exceptional Imaging

Image quality is key to early detection. That's why we invest millions of dollars each year in research and development to push the boundaries of imaging technology and why the industry has come to expect the best image quality from Hologic.

- The Selenia system uses a direct conversion detector, which eliminates the need to convert x-rays to light. The result is an exceptionally sharp digital image and enhanced contrast with greater consistency.
- Our HTC™ high transmission cellular grid technology delivers high contrast images by significantly reducing radiation scatter without increasing patient dose.
- The system is available with either tungsten or molybdenum x-ray tubes, which provide consistent image quality and contrast of Selenia images.

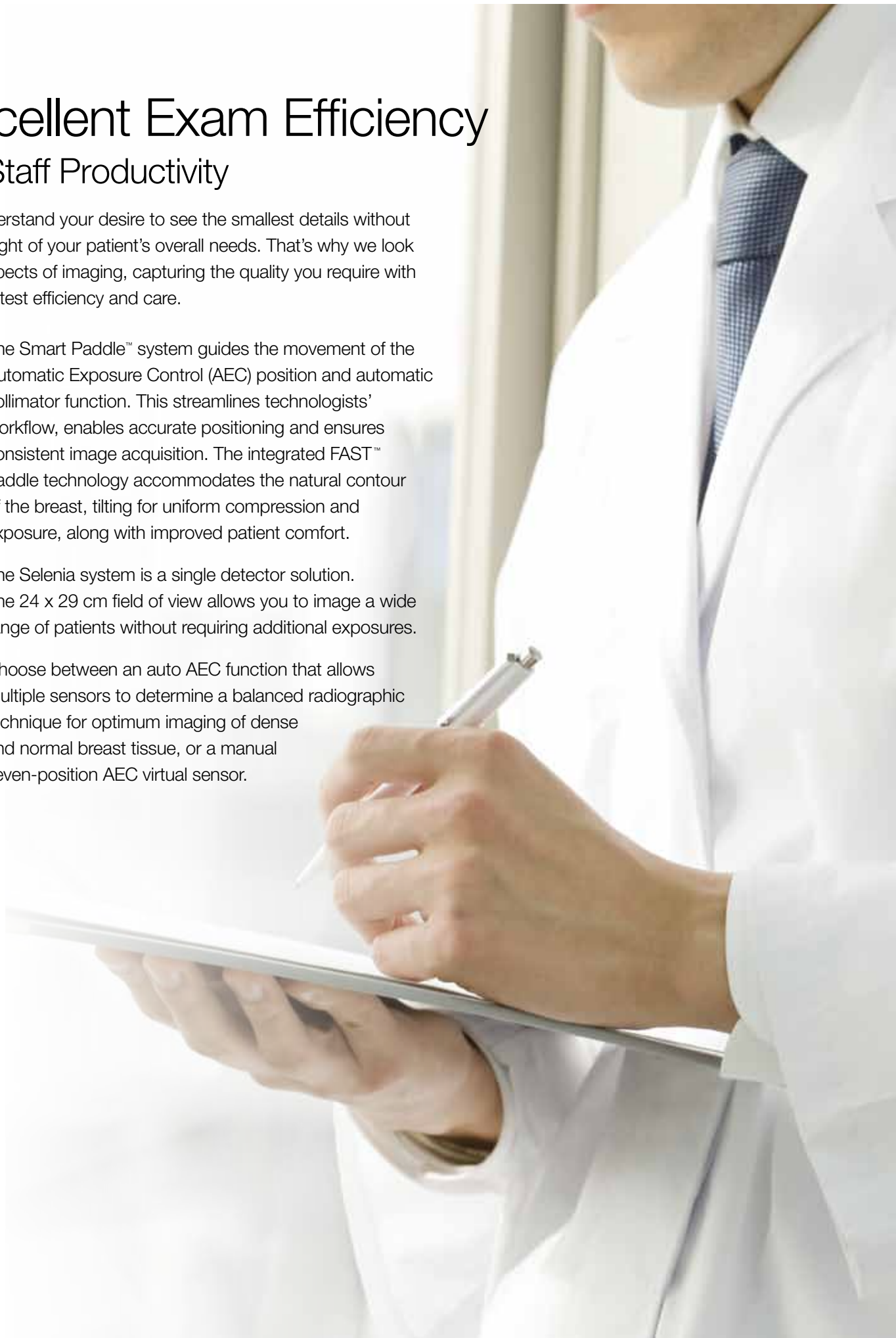
## Screening mammogram displayed on SecurView® DX workstation



# Excellent Exam Efficiency for Staff Productivity

We understand your desire to see the smallest details without losing sight of your patient's overall needs. That's why we look at all aspects of imaging, capturing the quality you require with the greatest efficiency and care.

- The Smart Paddle™ system guides the movement of the Automatic Exposure Control (AEC) position and automatic collimator function. This streamlines technologists' workflow, enables accurate positioning and ensures consistent image acquisition. The integrated FAST™ paddle technology accommodates the natural contour of the breast, tilting for uniform compression and exposure, along with improved patient comfort.
- The Selenia system is a single detector solution. The 24 x 29 cm field of view allows you to image a wide range of patients without requiring additional exposures.
- Choose between an auto AEC function that allows multiple sensors to determine a balanced radiographic technique for optimum imaging of dense and normal breast tissue, or a manual seven-position AEC virtual sensor.



# Adaptable System for Breast Biopsy

Customized for our Selenia digital mammography system, the StereoLoc® II biopsy system makes it possible for breast imaging centers to offer stereotactic breast biopsy services. (A DBI positioning table or chair for patient comfort is also available.)



## Patient Comfort Reduced Anxiety

MammoPad® breast cushions are thick foam cushions used during a mammogram to help relax the patient.<sup>1,2</sup> When combined with positioning training, MammoPad breast cushions have been shown to significantly increase tissue acquisition.<sup>3,4</sup> Using MammoPad cushions on the Selenia detector creates a “high-tech, soft-touch” experience for patients, providing the most compassionate care possible with confident clinical results.\*



\* MammoPad breast cushion sold separately.

1 Markle, et al. "Reduction of Discomfort during Mammography Utilizing a Radiolucent Cushioning Pad." THE BREAST JOURNAL 10 (4) (2004) 345-9.

2 Tabar, L. et al. "Clinical Assessment of a Radiolucent Cushion for Mammography." ACTA RADIOLOGICA. 45 (2) (Apr. 2004) 154-8.

3 Watt, A. Christine and Everett-Masseti, E. "Use of a Mammography Comfort Aid and Education to Improve Breast Positioning." NCBC Poster March-April, 2005, Las Vegas, NV

4 Coryell, T. "Increasing Mammography Tissue Acquisition through Positioning Training and Use of a Foam Breast Cushion." NCBC Poster, March 2006, Las Vegas, NV



# Improved Productivity

## Transforming Workflow

Capturing superb mammography images is just one part of delivering outstanding patient care. Working side-by-side with clinicians, we know the value of an efficient, collaborative workflow. Hologic offers a dedicated workflow solution for digital mammography to maximize staff productivity and support collaboration and information-sharing across the team.

One of the key benefits of digital imaging is immediate access to patient information. Technologists don't have to leave their patient's side to check film, reducing patient wait time and anxiety. The exams can be immediately sent to the radiologist for review.

With the addition of a SecurView RT technologist workstation, technologists can display prior images and compare them to current images, responding to positioning or exposure issues within the examination room. The radiologist reading on a SecurView DX diagnostic workstation can communicate directly with the technologist through the SecurView RT, requesting additional images before the patient leaves the facility. This is especially helpful when the radiologist is off-site. SecurView RT can be located in the examination room or in a centralized location for use by multiple technologists.\*

\* SecurView DX and SecurView RT are sold separately.



# Optimized Workflow for Image Interpretation

The SecurView DX diagnostic workstation is designed with ongoing input from radiologists. From customized hanging protocols to bi-directional communication with technologists, the SecurView DX supports the way clinicians really work.

- A dedicated mammography workstation rich in tools specifically designed for breast interpretation.
- Unlimited customizable advanced hanging protocols for both screening and diagnostic studies for each radiologist.
- An optional multimodality module to view breast images from other modalities on an additional color display, reducing legwork and saving time.
- Integration with commonly used RIS, dictation and reporting systems via the application synchronization module.
- Advanced ImageChecker<sup>®</sup> CAD and Quantra<sup>™</sup> breast density assessment functionality.
- An ergonomically designed keypad that groups functions and image display tools logically, allowing the radiologist to move efficiently through each study.



## Advanced Image Analytics Options

Sophisticated tools can help the radiologist read, interpret and compare Selenia images.

- ImageChecker CAD indicates areas of interest that may warrant a second review.
- Quantra breast density assessment software provides a BI-RADS-like value based on volumetric density on a per-subject, per-breast and per-image basis.
- The LS wide-feeder scanner with DigitalNow<sup>™</sup> HD software facilitates comparison of film-screen priors with new digital images.

**At Hologic, we turn passion into action, and action into change.**

Hologic is defining the standard of care in women's health. Our technologies help doctors see better, know sooner, reach further and touch more lives.

BREAST IMAGING SOLUTIONS • INTERVENTIONAL BREAST SOLUTIONS • BONE HEALTH  
PRENATAL HEALTH • GYNECOLOGIC HEALTH • MOLECULAR DIAGNOSTICS

**HOLOGIC**<sup>®</sup>

The Women's Health Company

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