

MultiCare® Platinum & StereoLoc® II
Prone and Upright Stereotactic Biopsy Solutions



Solutions for stereotactic biopsy

At Hologic, our unwavering commitment to women's health inspires us to constantly seek better, more innovative solutions for the early detection of breast cancer. More than three million women worldwide undergo breast biopsy each year, and having the best clinical tools available is essential. With user input and practical considerations in mind, our versatile portfolio makes it possible for any breast imaging center to add upright or prone stereotactic biopsy to its diagnostic capabilities. Both the MultiCare® Platinum breast biopsy prone table and the StereoLoc® II upright systems offer exceptional image quality, pinpoint accuracy and precise, efficient operation using leading-edge targeting and guidance technology.

Benefits of image guided breast biopsy

Image-guided breast biopsy can be less stressful, with minimal risk of complications, in comparison to open surgical biopsy. This minimally invasive alternative has a high accuracy rate and can be performed under stereotactic, ultrasound or MRI guidance without anesthesia or post-procedural stitches. Less internal scarring is an additional benefit of image guided breast biopsy, which minimizes interference with future monitoring, and diagnosis of breast abnormalities.

True 360 degree access

The MultiCare Platinum prone table features our exclusive contoured surface with centered aperture to optimize efficiency. With the patient lying prone in either direction, the C-arm can be positioned at any angle, providing true 360 degree access. This flexible positioning capability ensures easy access with the shortest skin-to-lesion distance guaranteeing direct access to inferior lesions. Approach angles can be varied with minimal to no movement of the patient, ensuring fast, efficient completion of procedures.



MultiCare®
PLATINUM

Stereotactic Breast Biopsy Guidance System



Comfort and efficiency

The MultiCare Platinum table is designed to provide enhanced comfort, efficient space utilization, and ease of operator use. The space-efficient design allows installation a little more than one foot from the wall, optimizing use of existing space. A small, handheld controller and compact generator contribute to further space efficiencies. In addition to providing you efficient and precise breast biopsy technology, we also understand that patient care and comfort is a major concern.

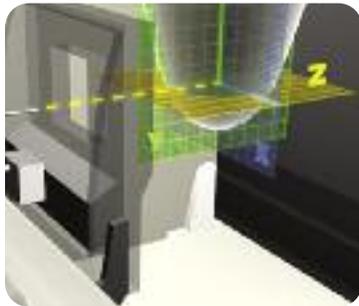
Hologic has developed the MultiCare Maximum Comfort Package, offering a collection of ergonomically engineered cushions that provide targeted pressure point support for all body types and lesions. Also included are several interchangeable apertures to allow for more customized positioning, providing better access for more efficient procedures. The Maximum Comfort Package also addresses the limitations of the “arm-through” technique by providing a cushion and aperture with wider openings, to make the procedure much more accessible to more patients with far more comfort and stability. By focusing on comfort, we are creating a better overall experience for patients, technologists and physicians.



Optimal **access** and **visualization**

The MultiCare® Platinum table has a number of unique features providing the superb image quality you need to locate the tissue needed for biopsy. These combined elements place the MultiCare Platinum table at the forefront of breast biopsy.

- An adjustable tray compensates for variable breast thicknesses which reduces lesion shift in stereo views for improved image clarity.
- The image receptor moves in tandem with the x-ray tube, allowing the receptor and x-ray beam to remain perpendicular and eliminate image distortion generally associated with increased parallax.
- An air gap between the image receptor and the breast together with stainless steel compression paddles improve image quality by minimizing the amount of scatter radiation reaching the image receptor.



Exceptional accuracy

MultiCare Platinum technology features an intuitive Cartesian coordinate system ensuring accurate targeting (± 1 mm) and safe, easy access to all lesions, including chest wall and axillary regions. The DSM™ system determines the precise position of the lesion in the x, y and z planes. The coordinates are then transmitted to the SmartWindow® display which indicates the biopsy needle position relative to the target position. Continuous feedback on the display provides targeting assurance as the needle is brought into position.

Better access

Three interchangeable apertures allow for customized positioning, while providing better access. To eliminate hard metal edges and further enhance comfort, the openings of each aperture are lined with a medical-grade rubber edge that gives your patient more comfort, while giving you more flexibility in positioning.



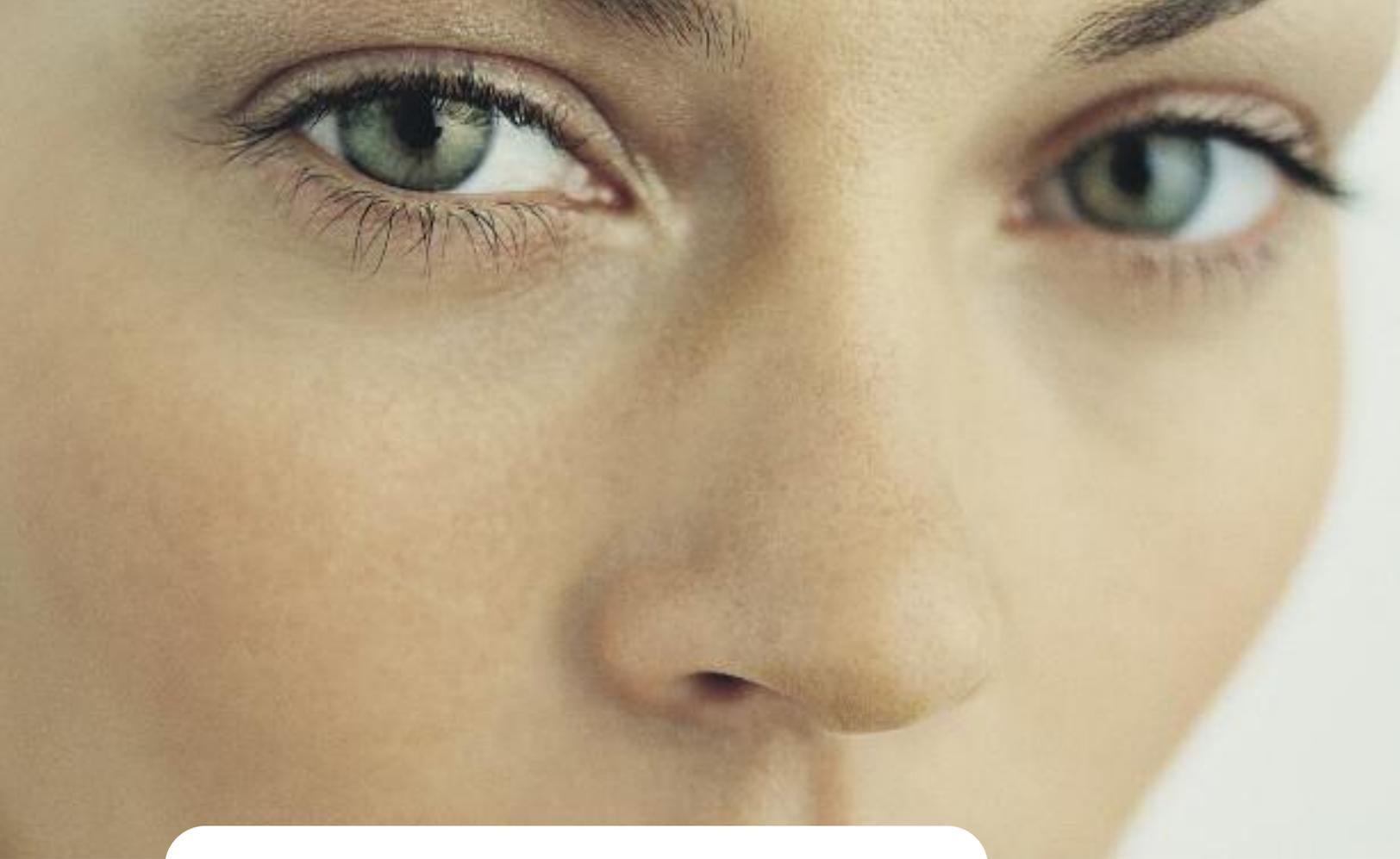
The Standard Aperture provides a 9 inch diameter opening and can be used with most stereotactic biopsy procedures and body types.



The Large Aperture improves positioning for patients with larger breasts.



The Arm-Through Aperture has a larger opening to provide better positioning and access for arm-through procedures eliminating pressure points, giving you better access.



Digital spot mammography

The heart of our stereotactic breast biopsy systems

The digital spot mammography (DSM™) system offers a customized image processing menu that permits the user to enhance images for structure definition and improve visualization of targeted areas requiring breast biopsy or localization. Various levels of image sharpening, smoothing and equalization enhance the image by varying contrast, edge definition and detail resolution. The DSM system provides a wide array of tools for effective targeting and image enhancement.

- ScoutMarc® software creates a new stereo pair from the scout view and either image of the stereo pair assuring continuation of the procedure in cases where the area of interest is visible in only one 15 degree view. This ensures greater targeting flexibility in difficult exams.
- For advanced tissue visualization, the image processing menu offers enhancement tools and filters to manipulate the image for improved image contrast and sharpness for those difficult to find lesions.
- Dual mode acquisition, on the MultiCare Platinum, allows physicians to choose between 512 or 1024 pixel resolution matching the appropriate dose to the region of interest for differentiation of masses and enhanced imaging of calcifications.

Seamless, integrated workflow

The DSM system is fully DICOM compliant for image fluidity and management allowing:

- Image sharing with SecurView™ diagnostic workstations
- Storage and archival to PACS or our dedicated mammography image management solution (MIMS-plus™)
- DICOM print, verification, modality worklist, storage commit, and query/retrieve

StereoLoc II

proven upright stereotactic technology

Compatible with Selenia digital mammography and M-IV analog systems.

StereoLoc® II upright breast biopsy system offers the same leading edge technology as the MultiCare® Platinum system.

This common platform allows the StereoLoc II system to provide the same targeting accuracy, flexibility in procedural options, image processing functions, and operational efficiencies.

The StereoLoc II system provides nearly 360 degree access to the breast from a seated or decubitus position made possible by the Selenia® and M-IV® systems' C-arm rotation of +180 degree and -135 degree. The generous clearance between the biopsy device and the tube head provides an effective work space helping to streamline procedures.

The digital StereoLoc II, used with the Selenia, is designed to utilize the Selenia's existing amorphous selenium, direct capture detector. This ensures microcalcifications seen on the diagnostic image will be easily located for stereotactic biopsy.

Screening to diagnostic imaging made easy

Transitioning from screening mammography to stereotactic diagnostic imaging is quick and easy. Our digital StereoLoc II technology provides imaging centers an effective solution for space limitations and provide cost-effective methods to expand service offerings. The StereoLoc II systems together with the DSM™ system improve workflow and reduce procedure time for maximum utilization of the mammography suite.

The MultiCare Platinum and StereoLoc II systems offer the latest advances in stereotactic technology with a design that provides enhanced patient comfort and ease of use. Any breast imaging center, large or small, can look to Hologic for innovative, practical solutions for all breast biopsy needs.



The digital StereoLoc II upright solution is specially calibrated to work with the Selenia digital mammography system

Hologic continues to develop technology to advance women's health with both patient and physician input in mind.



Compassionate care in image-guided biopsy devices

The Eviva Breast Biopsy Solution

At Hologic, we strive to provide physicians with the highest standard in interventional solutions to offer a more reassuring future for patients. Eviva®, our newest vacuum assisted breast biopsy device is designed for optimized compatibility with our prone and upright stereotactic imaging systems.

Based on the same core technology as our legacy ATEC® product, Eviva provides a fully integrated biopsy solution. The saline lavage and constant aspiration of the Eviva device consistently acquires high quality cores for a more confident pathological diagnosis.

Eviva is the only vacuum-assisted device available with a fully integrated biopsy site identifier system, the SecurMark™ for Eviva. This end-deploy marker solution provides the physician a more efficient and reliable marker deployment.

Patient comfort is our highest priority

Reducing patient anxiety can have a direct effect on minimizing patient movement, which improves image clarity and reduces the need for additional imaging. A biopsy procedure using the Hologic biopsy devices involves a one-time needle insertion. No stitches are required allowing most women to resume normal daily activities immediately.

Both ATEC and Eviva offer a variety of needle options to reach a broader spectrum of patients, giving more women an alternative to open surgical biopsy.

Integrated pain management through our Y-Valve delivers analgesic automatically to the biopsy site, resulting in a more compassionate breast biopsy.



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

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

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