

A Breakthrough in Breast Specimen Imaging



Trident™
Specimen Radiography System

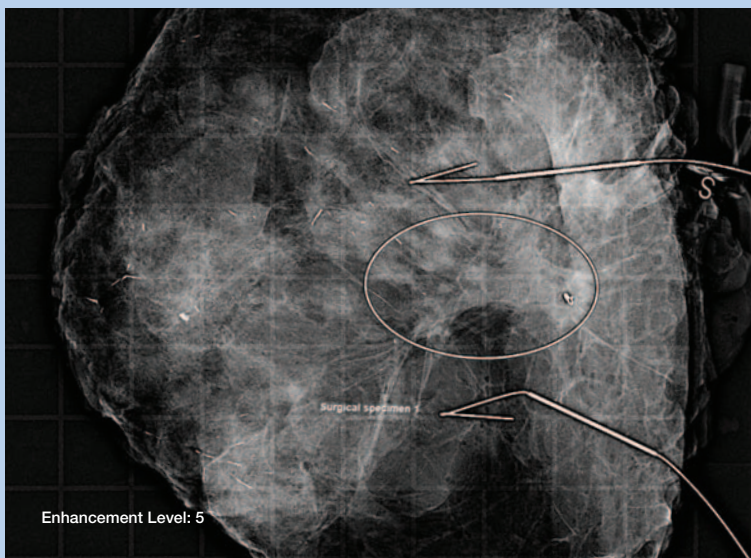
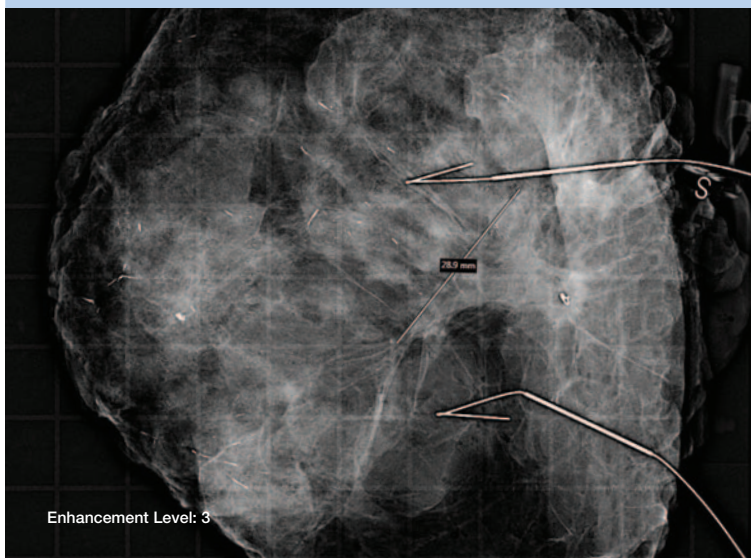


HOLOGIC®
The Women's Health Company

Superb Image Quality for Streamlined Workflow

The Trident system's sharp, high quality images allow for instant verification of samples right in the procedure or operating room, resulting in reduced procedure time and improved workflow.¹

Exclusive Enhanced Visualization tool provides five user-selectable levels of image sharpening for optimal detail.



1. Intraoperative digital specimen mammography: prompt image review speeds surgery. The American Journal of Surgery. Volume 192, Issue 4, October 2006, pages 513-515 papers from The American Society of Breast Surgeons.

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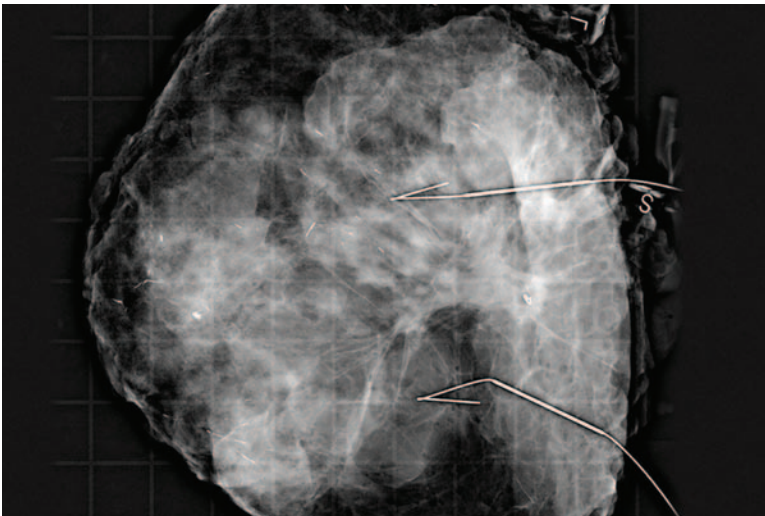
The Trident™ specimen radiography system redefines breast specimen imaging with Hologic's selenium detector technology.

Verification Confidence

Hologic's long standing tradition of providing innovative products continues with the introduction of the Trident specimen radiography system, offering a cost-effective workflow solution for clinicians performing breast biopsies. Its micro-focused x-ray tube, specimen image processing algorithms and selenium-based detector technology provide the excellent image quality that you've come to expect from Hologic.

Clarity. Insight. Confidence.

The Trident™ specimen radiography system ushers in a new era in specimen imaging by leveraging Hologic's amorphous selenium direct conversion detector technology, which eliminates the need to convert x-rays to light. The result is exceptional sharp digital images. Its high image quality, combined with easy-to-use software, offers reduced procedure steps and improved workflow. With a large, 12 cm x 14 cm active imaging area, the Trident specimen radiography system can accommodate a wide range of biopsy sizes, from cores to large specimens. Trident is ideal for radiologists, breast surgeons and pathologists and easily integrates into your facility. Trident's images can be sent to the PACS or the SecurView® DX diagnostic workstation with the touch of a button, allowing for quick communication and decision making.



Exceptional Image Quality

- Proprietary selenium direct conversion detector technology to quickly obtain sharp, high resolution images
- Large 12 cm x 14 cm imaging area offers versatility to image core biopsies and surgically excised samples
- Unique algorithms optimized for breast specimen radiography processing
- Innovative Enhanced Visualization tool offers five image optimization levels for improved lesion conspicuity
- 1.5 X and 2.0 X geometric magnification with auto level detection
- Automatic Exposure Control (AEC) optimized for breast excisions and core biopsies



Operator Productivity

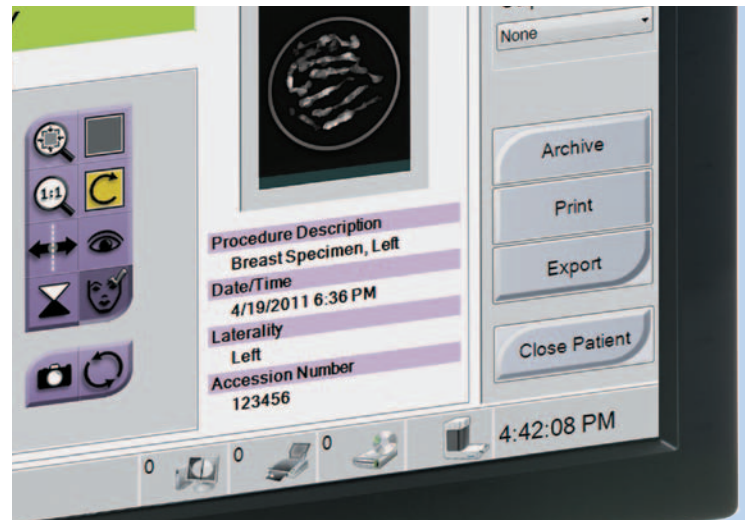
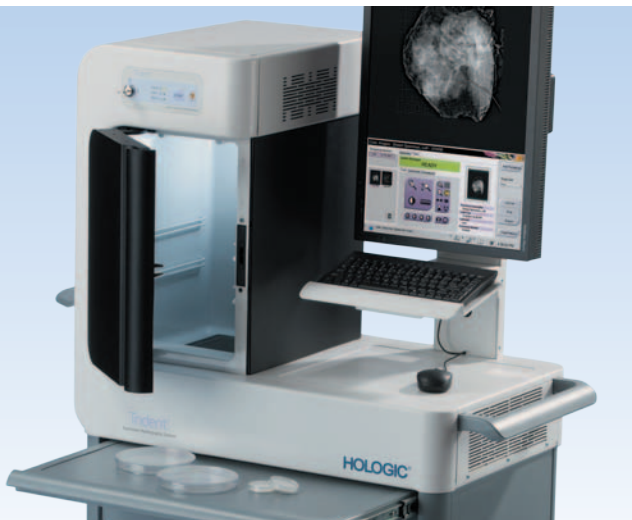
- User-friendly control panel and software interface; requires no specialized x-ray knowledge
- Superb image quality in minimal steps at the point of care reduces patient procedure time¹
- Lighted specimen chamber facilitates workflow by assisting with accurate specimen positioning
- Robust tool set includes annotate, measure, magnification, zoom, invert, win/level enhancements, custom user presets and more
- Convenient, once-a-month calibration, which can be auto-configured to run at power down

1. Intraoperative digital specimen mammography; prompt image review speeds surgery. The American Journal of Surgery. Volume 192, Issue 4, October 2006, pages 513-515 papers from The American Society of Breast Surgeons.

“ The Trident™ system provides exceptionally high image quality, allows rapid verification of tissue samples and is extremely easy to use. Trident will be a valuable tool in helping to improve the delivery of breast care for women. ”

Gary M. Levine M.D.

Director of Breast Imaging at Hoag Breast Care, Newport Beach, CA.



Ergonomic Design

- Self-contained, fully integrated system
- Mobile cart for easy transport between rooms
- Tilting LCD display for optimal viewing
- Easy to open, safety-interlocked chamber door
- Auto-sensing magnification reduces procedure steps
- Convenient specimen stage storage compartment
- Convenient pull-out shelf for expanded work surface

Robust Connectivity

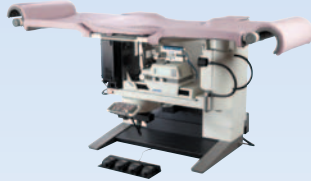
- Easy integration into your facility with one button send to the SecurView DX diagnostic workstation or PACS
- Capture annotations, measurements and enhancements in a new DICOM file
- Flexible image output to printer for hardcopy reproduction or to removable media devices
- Efficient access to Modality Worklist

A Comprehensive Family of Solutions

The Trident™ specimen radiography system complements Hologic's full range of imaging, diagnostic and interventional solutions to meet your needs today and in the future.



The Affirm™ upright breast biopsy guidance system on the Selenia® Dimensions® digital mammography system shown with the Eviva® breast biopsy device



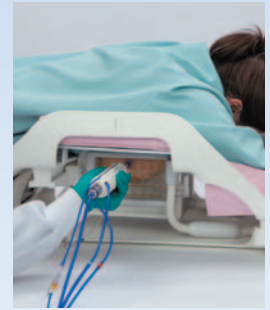
MultiCare® Platinum breast biopsy table with new Maximum Comfort Package



MammoSite® Multi-Lumen targeted breast radiation therapy



StereoLoc® II stereotactic breast biopsy system shown on Selenia® digital mammography system



Sentinelle™ breast MRI coil solution with the ATEC® breast biopsy device

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

HOLOGIC®

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