



Advanced Breast Imaging Workstation

Experience the CandeliS Advanced Breast Imaging Workstation, an enhancement to the CandeliS ImageGrid™ platform providing multimodality and multivendor viewing of breast images with a complete diagnostic tools set.

Increase the Speed of Reading

ImageGrid has long served as the industry benchmark for mammography workflow. With the Advanced Breast Imaging Workstation, ImageGrid is now the best informatics platform in breast imaging. The Advanced Breast Imaging Workstation includes the following exciting new features:

Mammography/Tomosynthesis Reading

The Advanced Breast Imaging Workstation supports reading of mammography and tomosynthesis images from Hologic, GE, Siemens, Fuji, Planmed, and Giotto. The Advanced Breast Imaging Workstation is designed with the workflow features that are needed for mammography and tomosynthesis reading and consists of the following tools:

ADVANCED BREAST IMAGING FEATURES

- Mammography hanging protocol support
 - Support for views with modifiers
 - Invert, flip and rotate options in workflow
 - Zoom presets: show whole image, fit to viewport, full resolution and true size
 - Substeps within steps: Inversion, CAD and Quadrant Zoom
 - Customizable per-step prior support
 - Automatic layout of unseen images
 - Different image alignment options
 - Support for diagnostic and screening workflows
- Tomosynthesis image support
 - Cineloop tool with adjustable speed to view images in succession
 - 3D volume navigation tool
 - On-the-fly Maximum Intensity Projection creation
 - Mammography and tomosynthesis CAD support



3D Breast Ultrasound

ImageGrid's Advanced Breast Imaging Workstation now provides support for 3D breast ultrasound images acquired by GE Invenia ABUS, Siemens Acuson ABVS, Hitachi and iVu Sophia with diagnostic tools for reading and interpretation.

Breast MRI and Ultrasound

The Advanced Breast Imaging Workstation also provides powerful visualization tools for general radiology reading. The viewer is ideal for viewing Breast MRI and 2D and 3D Breast Ultrasound.

General tools included with the Advanced Breast Imaging Workstation include:

- Multi-modality image viewing
- Pan, Rotate, Mirror, and Zoom
- Measurement Tools
- Customizable Per-Modality Annotations
- Cine Tool with Adjustable Speed
- Reference (scout) Lines
- Magnification Glass
- Zoom Synchronization
- Series Linking
- 3D Cursor Localization Tool
- MIP/MPR

As an application residing on the ImageGrid platform, radiologists are able to view studies using the Advanced Breast Imaging Workstation from any remote workstation. The Advanced Breast Imaging Workstation also enables imaging facilities to securely share medical data and images with their network of referring physicians and other remote users.

Conditional Tag Morphing

All patient images, even those acquired at other facilities using different Medical Record Numbers, will be available when you open a patient's study. This feature ensures consistency at the reading workstation and offloads the burden of reconciling mismatched patient data. The conditional tag morphing feature allows the information of all relevant patient studies to be consistent and matched for quicker reading.

Enhanced Mammography Prefetch

The enhanced mammography prefetching tools further reduce the time required before studies can be read and eliminates all information that can cause a patient mismatch. The advanced features include:

- Retrieval of prior studies from multiple PACS systems
- Ensuring consistence between current and prior patient studies
- Delivery of prior studies to the workstation during non-peak hours
- Caching exams on the workstation to minimizing fetching activities during reading
- Prerendering prior exams for visualization resulting in quicker reading of studies
- Delivery of both current and prior exams simultaneously to workstation along with notification of availability for reading

