BRIT Systems

Vision Mammography Module

BRIT VISION's MAMMOGRAPHY MODULE is an optional module requiring 5MP, FDA approved monitors that runs in the BRIT Vision medical image viewing workstation. Designed to make the radiologist highly efficient, this system provides a set of mammography specific tools and is highly tuned for performance. Studies from all modalities may be viewed side by side, including color images on color monitors. Special integration with reporting systems, including BRIT's SpeechWorks, is also available.

ADVANCED FUNCTIONS

The Mammography Module functions as part of the multi-modality viewing package and includes the following specialized mammography features:

Mammography Keypad
Keypad hot keys increase the ease and efficiency of mammography viewing.

Sequential Hanging Protocols
User defined, specialized, sequential hanging protocols can be customized to include:

- Individual preferences for format, stacks, and window/leveling.
- Comparisons with easy selections of alternative prior exams with sequential hangs.
- The ability to string multiple hanging protocols together in sequence for quick navigation.
- A "show unviewed" step at the end of each hanging protocol assures all images in the exam are viewed.
- Sample hanging protocols are delivered with the system and are readily modifiable by the users
- Hot-keys for forward and backward steps in sequences / return to first step.

SmartPan displays the images at full resolution and shows just those quadrants with breast tissue, saving unneeded views.

Synchronization of SmartPan across both monitors, so new and comparison images move together

Image Tracker marks thumbnail of each image when entire image viewed at full resolution

SmartComp displays comparison image at same mag/rotation/etc on adjacent monitor

SmartFit fits the image to fill the screen.

SmartZoom zooms on a point while maintaining justification

Real-size Viewing - includes on-screen calibration tool.

Beyond Roentgen Imaging Technologies

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Mammo Module Viewer

TOOLBAR FUNCTIONS

- User selects the tools for their toolbar and its location.
- Dynamically relocate toolbars. Place vertically on right or left perimeter or horizontal along the top or bottom.
- Hot keys for hangs, such as RCC/LCC or RMLO/LMLO on right screen/left monitors, or Comp on Right screen or Comp on Left screen.

CAD MARKINGS

- CAD overlay markings can be toggled "on" and "off".
- Industry standard CAD Markings available, as well as user selectable preferences.

WINDOW/LEVELING AND SCREEN INTENSITY FEATURES

- Ultra-sensitive window and leveling features, allows for easy adjustments for brightness and contrast providing extra-fine details on the mammogram.
- **Black-out mode** darkens and/or hides all graphics providing an exclusive view of the images for real-estate sensitive readings.
- A screen brightness/darkness tool with selections of darker, very darker, and greenish to adjust the intensity of the screen.

OTHER SPECIALTY FEATURES

- Hot-keys can be programmed on the keyboard in addition to the mammo keypad.
- Specialized integration available for dictation and reporting systems.
- Two or four monitors with an additional color monitor configurations available. Separate worklist/ monitor available.

STANDARD TOOLS

All the standard tools, such as rotate, zoom, flip, and comparisons are available, in addition to the following:

- Shared worklists
- User assignable worklists
- Single worklist for multiple servers
- Arbitrary rearrangement of worklist entries
- Measurements and annotations
- Add thickness, force and angle to system
- Over-reading assignments and tracking
- Tabbed application layout for quick transition between open studies/ patients / study lists

Highly Tuned System

BRIT Vision Workstations are built to provide industry leading speed and stability:

- Local storage of studies
- Automatic downloading of studies on worklist
- Linux operating system provides stability and supports multi-tasking
- Solid State Drives
- Switch between viewing of large studies instantaneously with a click

Special Integration with SpeechWorks and other Mammography Reporting Systems

- Clicking on worklist opens study in viewer and dictation system
- Measurements automatically transferred from viewer into report
- Key images automatically transferred from viewer into report
- Subset of images can be sent to report
- Call for latest details on implementations with Mammography Reporting Systems

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