

PenView™

the breast imaging workstation

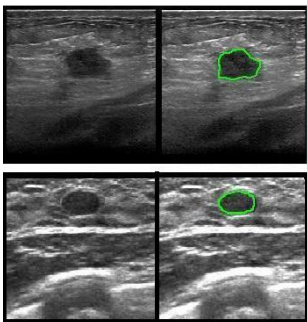


The total interpretation and reporting workstation.

The PenView workstation platform offers the Total Solution for interpreting and reporting, combining tomorrow's technology today. PenRad has partnered with leading entrepreneurial companies EBM™, Medipattern™ and Clario™, to offer innovative technologies on one platform. The PenView platform couples PenRad into a comprehensive Breast Imaging Workstation that offers a Breast MRI reading solution and Ultrasound CAD. Bundling these technologies saves facilities money.

The PenView workstation facilitates all work from documentation of findings, comparing past to current exams to analyzing images and viewing CAD findings, and narrative report generation. The PenView platform increases efficiency and productivity at a reduced expense. Radiologists describe PenView as a Quantum Leap in performing breast care analysis.

Within PenView, PenRad's image gallery facilitates image attachment of ROI to the study and/or abnormality. Images can be viewed in the report for review and reference, and are catalogued automatically into PenRad's Profiler for correlation by descriptors and pathology findings.



Within the gallery, MediPattern's™ B-CAD® Computer Aided Detection Module is applied real-time to ROI to preselect BI-RADS descriptors and dimensions for the radiologist to reduce report generation time.

PenRad™
the mammography information solutions provider

PenView's viewing technology incorporates EBM Technologies software with over 1,000 international PACS installations and 20 years of experience. Many features are listed below and not limited to:

Web-based single point of deployment. Full-featured diagnostic workstation. Single interface for all modality types. PenRad Mammography Information System and image gallery interfaced.

User selectable auto-sequencing and auto preferences for current and previous study comparison. Auto-cropping and scaling of images for optimum viewing.

Instantaneous Back-in-Time for comparisons.

Window level, invert, magnification and histogram equalization tools.

Virtual image selection - images may be re-arranged anytime by drag and drop method by user.

Multiple control options - touch, voice, keyboard/mouse/foot pedal.

Heads up display for ease of use - all controls via the mouse.

Film scanner and CAD marker interfaced.

IHE compliant with DICOM standards as well as has received US FDA 510(k).

Multi-modality compatibility including not limited to FFDM, Breast MRI, US, BSGI, and CAD.

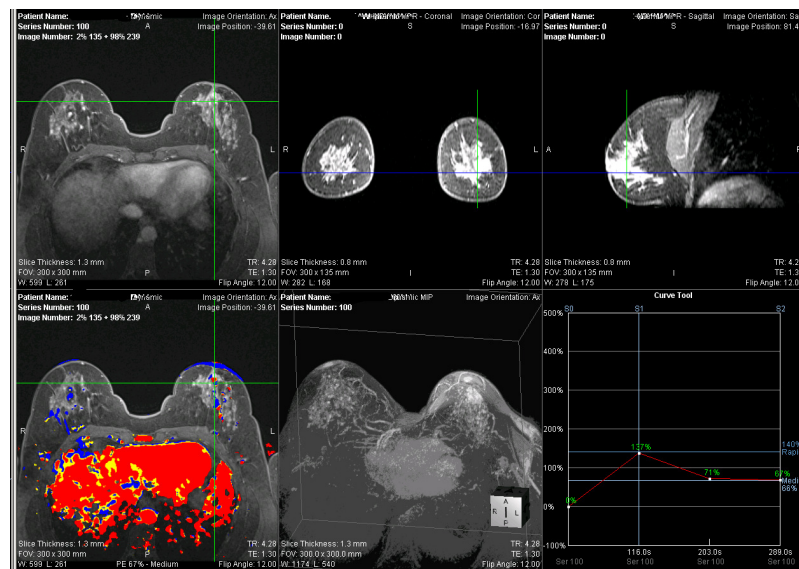
Grayscale softcopy presentation.

Auto window level based on DICOM IOD (Information Object Definition).

Lossy/Lossless/Wavelet compression and multiple linear/curve look up tables enabled.

Toggle on and off overlay with patient information.

Same size, full resolution, true size, fit to view, image comparison with magnification factor enabled.



Incorporating Clario's Breast MRI application with z3D is a reading solution that includes real-time curves, registration, parametric maps, morphology, and interactive MIPs.

z3D provides radiologists with a new perspective for reading complex datasets by assisting in visualizing subtle morphologic detail. Clario's Breast MRI application was designed with input from leading breast imaging radiologists and researchers.

PenRad solutions advance professional productivity and efficiency to reduce expenses for breast imaging centers.

Interested in learning more about PenRad solutions, call 763.475.3388 for more info or to schedule a webinar or visit our website at www.PenRad.com

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