DIGITAL MAMMOGRAPHY

Perform advanced mammography image interpretation anywhere at any time alongside related images from any modality.

Breast cancer is the second most common cancer in women. In an effort to better screen, detect and treat breast cancer, most high-performing hospitals are equipped with digital mammography capabilities that allow images of the breast to be captured, stored and analyzed as digital image files. Digital mammography offers several benefits including enhanced image clarity, improved analysis and collaboration, better image manipulation capabilities and streamlined image storage and retrieval.
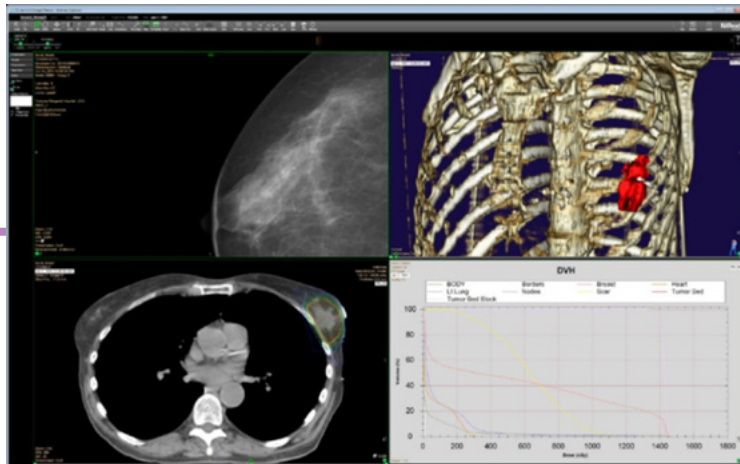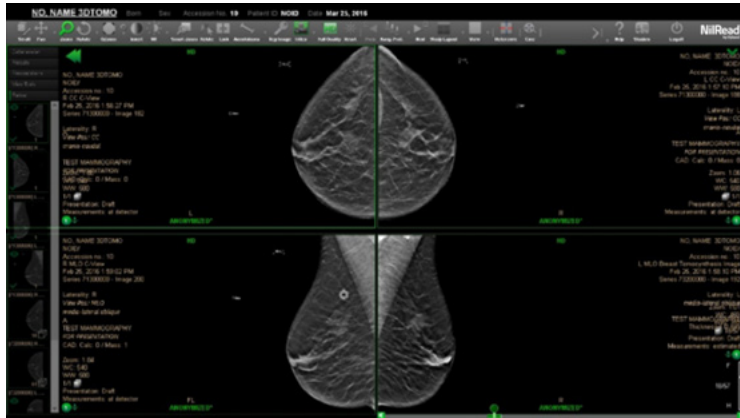
However, digital mammography can often handcuff a healthcare organization if they are using best-in-class digital mammography but not utilizing an advanced viewing and interpreting software. The resulting silo disrupts the viewing and interpretation workflow and clinicians end up tethered to dedicated workstations in order to view and analyze digital mammography images, which limits productivity and impedes the pace of diagnosis. Healthcare providers that want to ease potential viewing and interpretation bottlenecks that can be associated with digital mammography and digital breast tomosynthesis (DBT), can gain the enterprise viewing support they need with Hyland's NilRead enterprise viewer. This smart software performs advanced digital mammography interpretation functions — streamlining image access and workflows while accelerating casework and diagnosis.

ENTERPRISE-WIDE VIEWING AND DISTRIBUTION OF DIGITAL MAMMOGRAPHY IMAGES

The NilRead enterprise viewer has 510(k) Class II clearance by the FDA and was the first zero-footprint viewer to support advanced visualization in both referential and diagnostic viewing for digital mammography and DBT. It accomplishes this from a server-side, web-based viewing platform, thus delivering rapid distribution capabilities throughout the enterprise. Furthermore, NilRead enables digital mammography images to be viewed and interpreted from any workstation equipped with a diagnostic-grade monitor — no specialized graphic cards, local memory or other add-ons common to dedicated digital mammography workstations are required.

Clinicians using the primary diagnostic capabilities of NilRead have the interpretation tools required for digital mammography, like quadrant zoom and computer-aided diagnostics (CAD). NilRead also delivers CAD support to DBT.

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NilRead's multispecialty support enables clinicians to view DBT images along with related images from other departments, such as ultrasound, CT, MRI and pathology, enhancing diagnosis and treatment. In a zero-footprint viewer, clinicians can view the images that may have sparked the order for DBT or digital mammography along with the mammography studies. Breast cancer specialists can simultaneously view the mammography image, related digital pathology images of the breast tissue samples and the radiation oncology treatment plans in multiple windows on a single monitor or across multiple monitors based on preference.

KEY BENEFITS:

- Clinicians gain the freedom to interpret images from any location/workstation equipped with a diagnostic-grade monitor including multiple onsite office locations, offsite facilities, mobile imaging vans and more

- Easy-to-access tools: quadrant zoom, CAD support for digital mammography and DBT with standard mammography hanging protocols

- Enhance diagnosis and patient care by viewing digital mammography images alongside associated images from other departments, like ultrasound, digital pathology, MRI, CT, and RT

- Speed and performance of anytime anywhere digital mammography viewing maximizes productivity and speeds diagnosis

- Single software platform supports multiple specialties — digital mammography, radiation oncology, dermatology, ophthalmology, radiology, digital pathology and more

- Zero-footprint viewer does not require specialty graphic cards or local memory lowering, which decreases overall infrastructure and maintenance costs

- Easy to license, deploy and administer

Learn more at **HylandHealthcare.com/EnterpriseImaging**

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