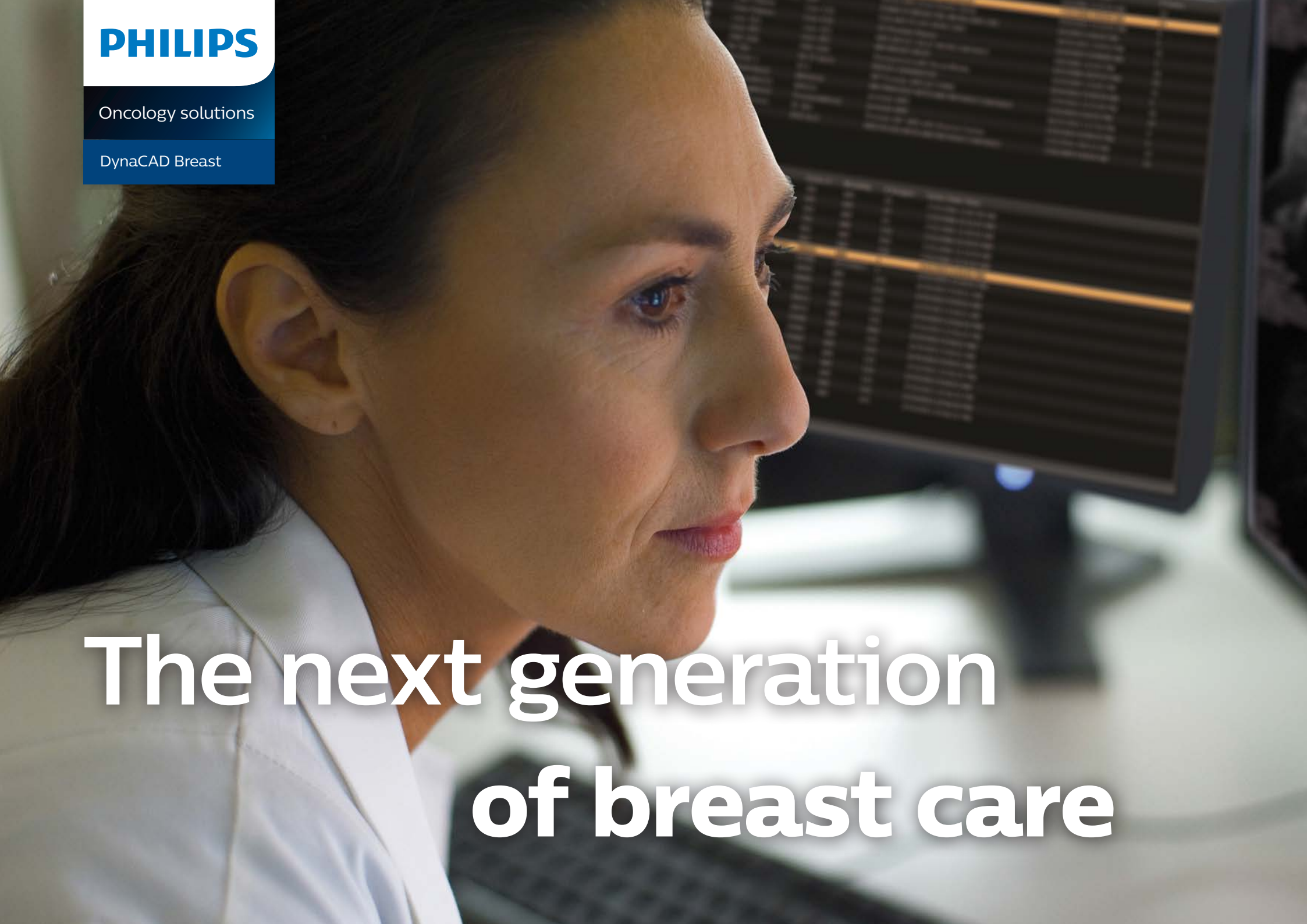
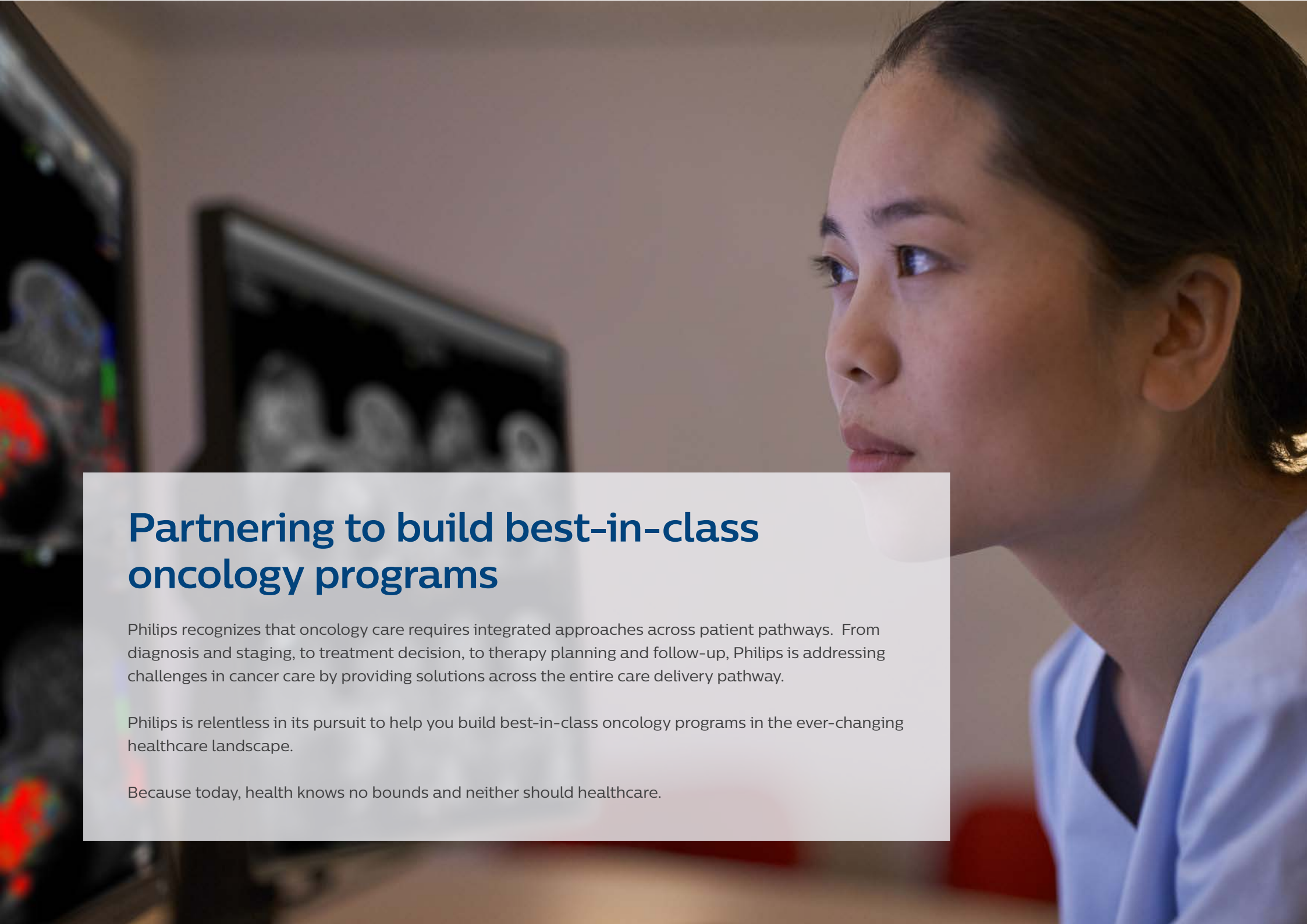

PHILIPS
Oncology solutions
DynaCAD Breast
The next generation
of breast care



Partnering to build best-in-class oncology programs

Philips recognizes that oncology care requires integrated approaches across patient pathways. From diagnosis and staging, to treatment decision, to therapy planning and follow-up, Philips is addressing challenges in cancer care by providing solutions across the entire care delivery pathway.

Philips is relentless in its pursuit to help you build best-in-class oncology programs in the ever-changing healthcare landscape.

Because today, health knows no bounds and neither should healthcare.

Enhance confidence and efficiency

Philips is proud to offer the latest version of DynaCAD Breast by Philips, a digital imaging system with a comprehensive set of advanced visualization tools for real-time image analysis. The latest generation of DynaCAD software has been tailored to enhance your imaging workflow by providing a large, flexible workspace with custom hanging protocols, multi-vendor/ modality viewing capabilities and configurable worklists for easy study management.

Customized hanging protocols can be configured to individual user preferences.

breast cancer represents **25%** of cases of cancer in women[1]

Sophisticated processing

DynaCAD's advanced post-processing engine can be configured to automatically generate multi-planar reformatted (MPR) and maximum intensity projection (MIP) images. The system can also apply 3D image registration for correction of motion artifacts. The post-processed data is then available for viewing in one of DynaCAD's customized hanging protocols or can be automatically forwarded to a PACS archive.

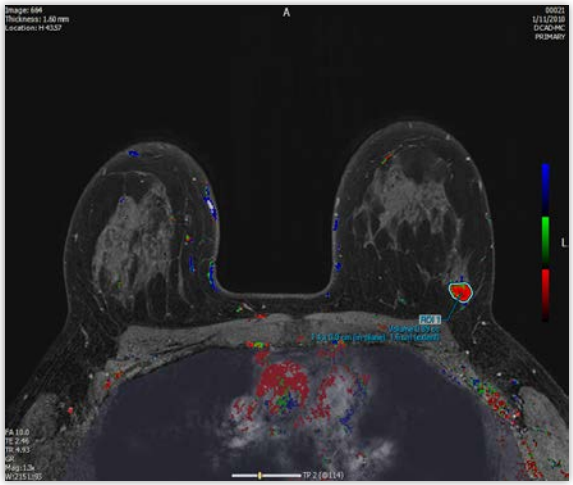
[1] **Breast cancer statistics. Retrieved from https://www.wcrf.org/int/cancer-facts-figures/data-specific-cancers/breast-cancer-statistics**

Current/prior review

DynaCAD automatically associates prior exams for quick and effortless side-by-side review of previous studies. Linked exams can be set to scroll sequentially allowing users to visually compare current and prior images on a slice-by-slice basis.

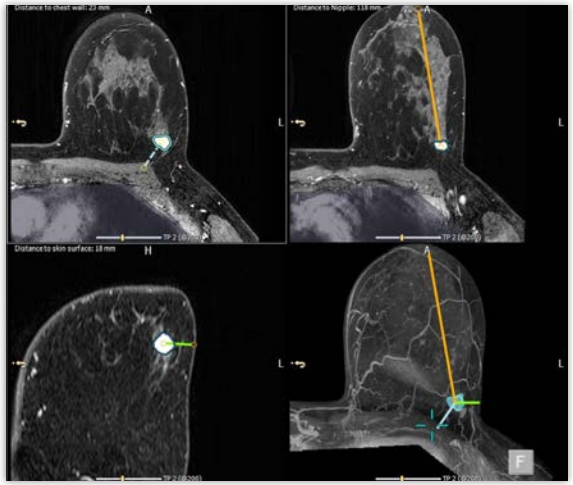
Power with a single click

DynaCAD's automatic segmentation feature launches with one mouse click. The advanced segmentation algorithm allows for on-the-fly user modification and presents users with a volume analysis, lesion composition statistics, histograms, and a 3D rendered morphological overview. Furthermore, the system will auto-populate 3D regions of interest (ROIs), report the lesion's location, its distance from the nipple, skin, chest wall and its overall diameter.



DynaCAD can automatically segment regions based on their signal intensity.

Segmented results can be displayed on multiple images sequences including MIP images.



Landmark distances are provided for each segmented region.

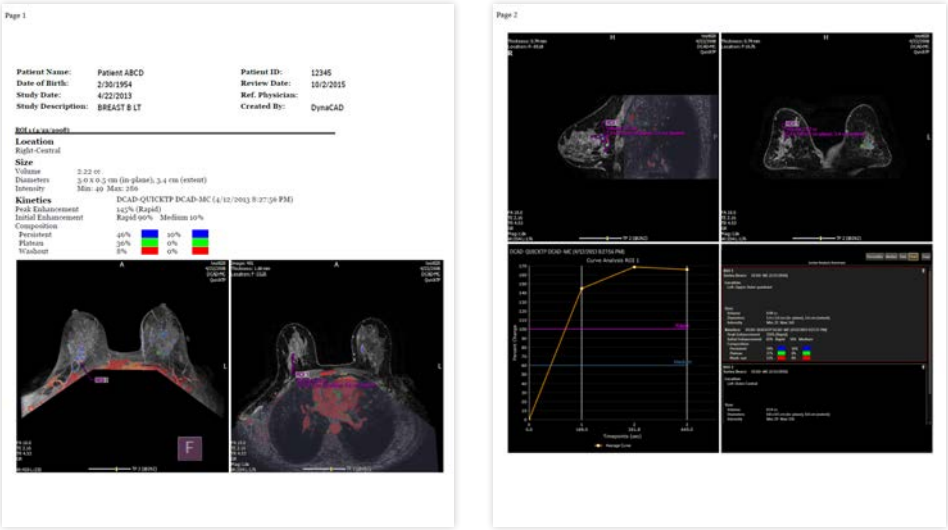
Combine forces

DynaCAD is now available in Philips Intellispace Portal* providing customers with a single integrated, advanced visualization system with comprehensive clinical capabilities. This integration utilizes the Intellispace Portal worklist to select cases for review, and with the click of a button, launches studies into DynaCAD for review.

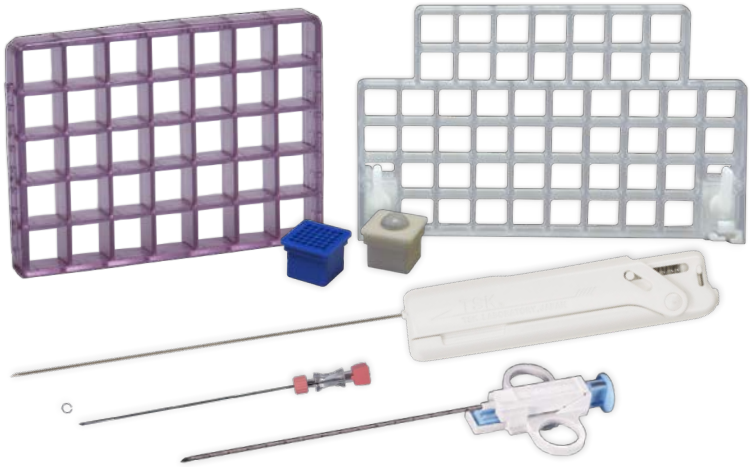
*Requires Intellispace Portal version 10.1 or higher

Report findings

The structured reporting system featured in DynaCAD is capable of producing highly customized exam reports. Reports can be programmed to automatically append pre-selected images containing kinetic data, measurements, and annotations. Additional report fields such as lesion diameter measures, lesion to landmark distances, and volumetric data are auto populated by the system. Upon completion, users have the option to print patient reports, save as PDF, or send as DICOM images.



DynaCAD automatically creates structured reports.



DynaLOC interventional planning incorporates a wide selection of interventional instruments including vacuum assisted devices.

Visually guided interventional planning

Focused on providing a multifaceted approach to breast care, Philips Interventional Planning with DynaLOC offers visual guidance for planning of breast biopsy procedures. DynaLOC's menu driven interface guides users through the initial setup of equipment to the confirmation of targets. The software incorporates a large library of interventional instruments and hardware for a custom, site specific workflow. The enhanced computer graphics display illustrations of the patient position, target area, needle tract and device setup.

Philips continues to step outside the traditional boxes of healthcare to bring shared clinical knowledge, patient information, and imaging data together with a common goal – enhancing collaboration with a focus on the health continuum - because there's always a way to make life better.

Home
Hangings
Perform Steps:
Set marker location on marker view
Set Target location on target view
Right Breast
RIGHT BREAST LATERAL APPROACH
TARGET
BLOCK: F3
NEEDLE: D6
STOPPER SET AT: 1.8 cm
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