

 **Dyna**CAD



better images mean better results





Welcome to a better way  
for YOU and YOUR patient

 **DynaCAD**

brought to you by  **Invivo**

Help increase confidence,  
productivity and accuracy  
with a complete solution,  
built around you.

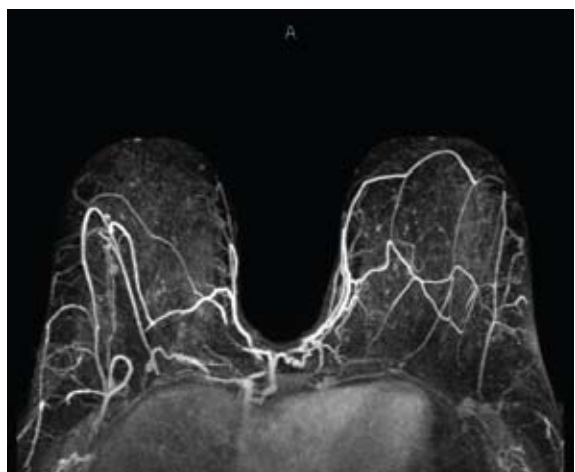
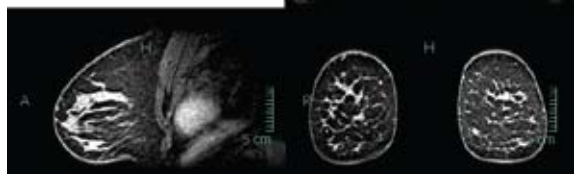
Invivo offers a continuum of DynaCAD products tailored to enhance your imaging workflow and practice including DynaCAD Express, DynaCAD Enterprise SP and DynaCAD Enterprise XP.

### Enhanced Workflow and Productivity

- *Large, flexible workspace with custom hanging protocols*
- *Multi-vendor/modality viewing capabilities*
- *Configurable worklists for easy study management*
- *Automatic PACS archiving of DynaCAD images, captures and standardized reports*
- *Flexible client/server options*
- *Automatic creation of post-processed image series and storage to PACS archive*
- *Export images from multiple file formats (e.g. JPEG, PNG, TIFF, AVI, etc.)*

### Increased Diagnostic Confidence

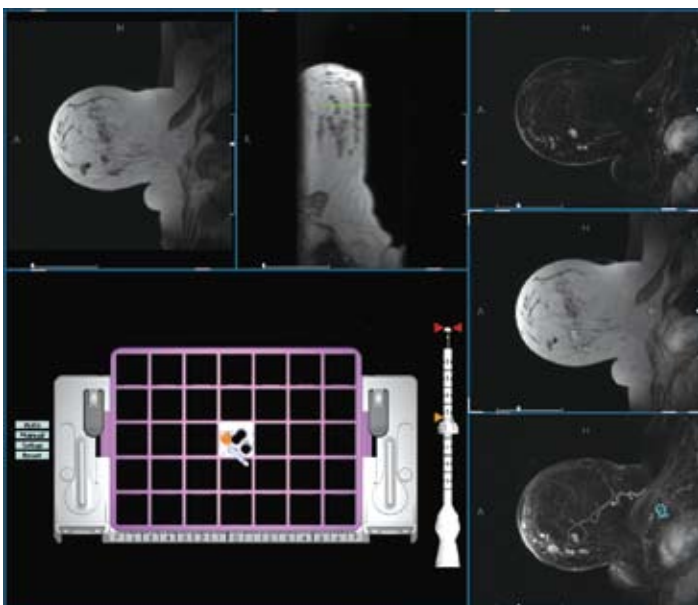
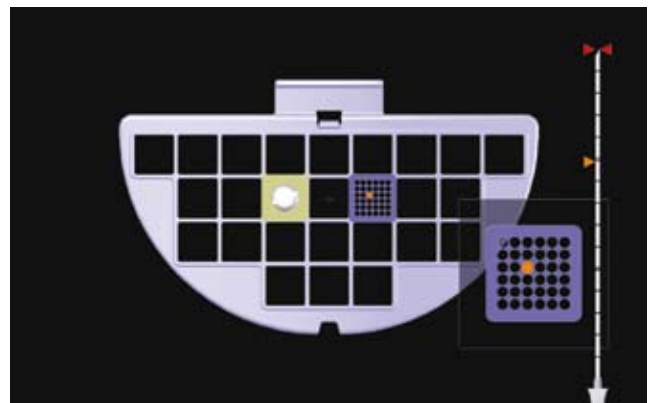
- *Automatic generation of subtracted, multi-planar reformatted (MPRs) and dynamic maximum intensity projection (MIP) images*
- *3D image registration for correction of patient motion artifacts*
- *QuickClick Segmentation standard with most DynaCAD systems*
- *Integrated utility for creation of DynaCAD CDs and DVDs with built-in image viewer*

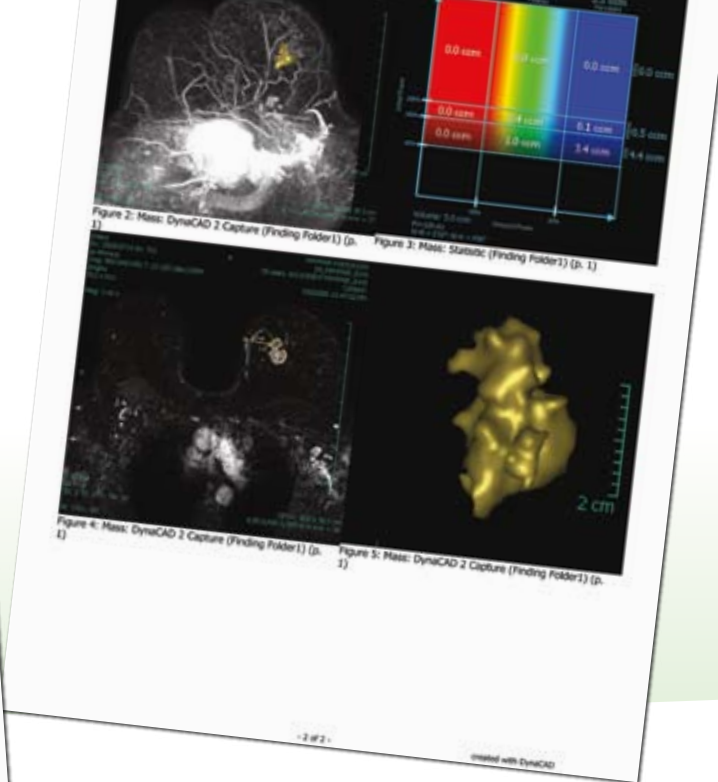
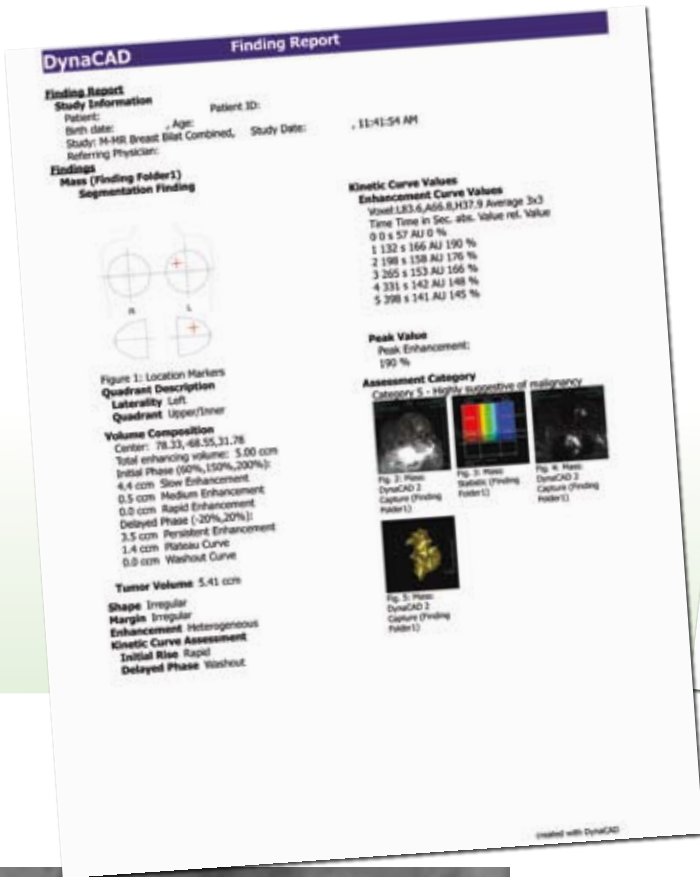




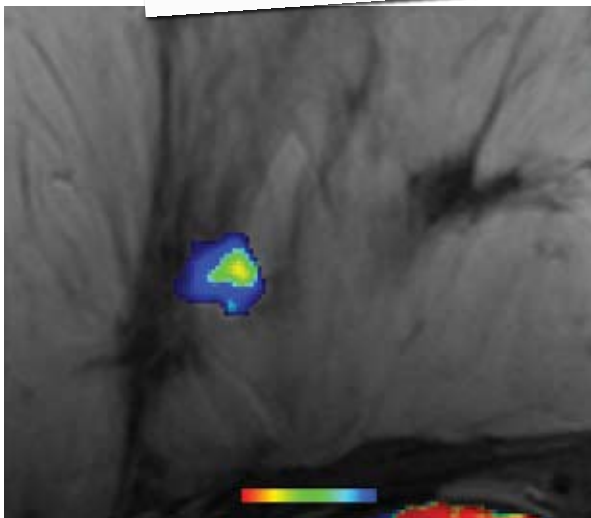
## Interventional Planning with DynaLOC

- Enhanced computer graphics for visualization of needles and interventional hardware
- Option for interventional planning with GE 8ch, most Sentinelle, and all Invivo breast coils
- Library of interventional instruments for site-specific, customized workflow
- A simple, menu-driven user interface
- Computer-guided localization for improved procedure planning
- Integration with leading vacuum-assist biopsy devices





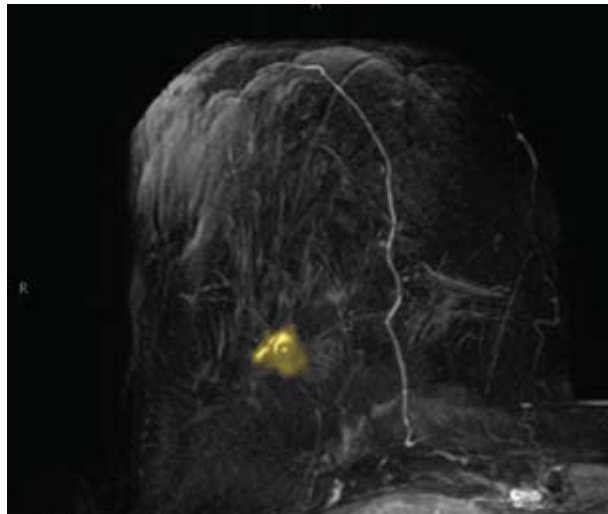
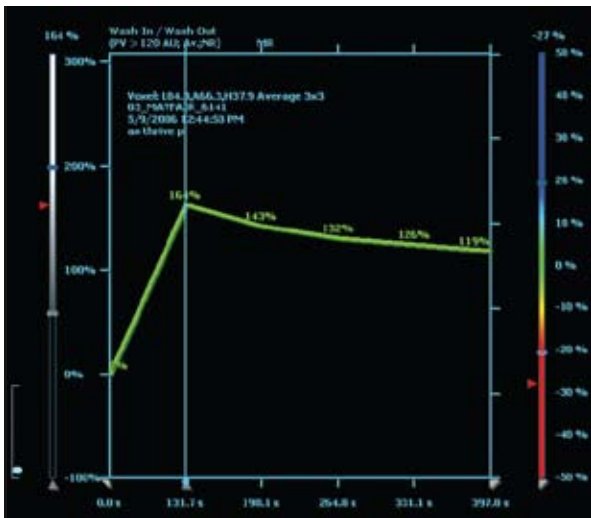
DynaCAD automatically creates structured reports.

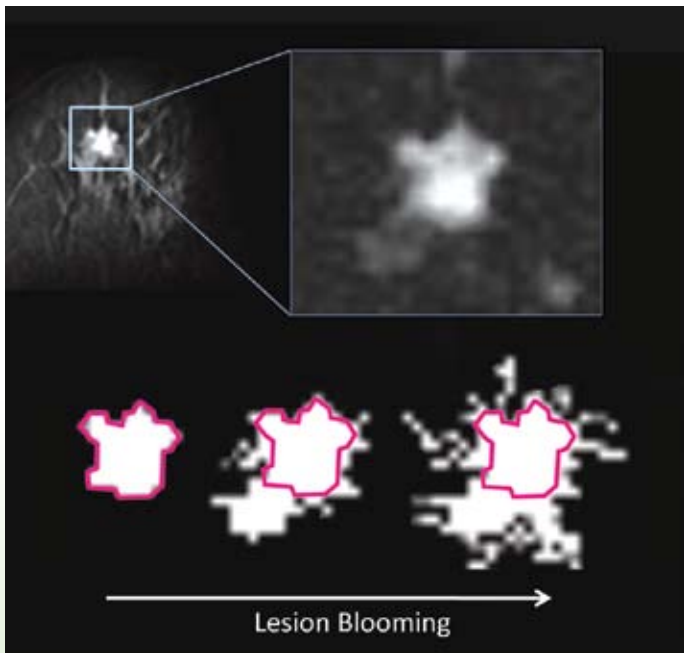


### QuickClick Segmentation

One mouse click and DynaCAD launches a simple, menu-driven workflow for lesion classification.

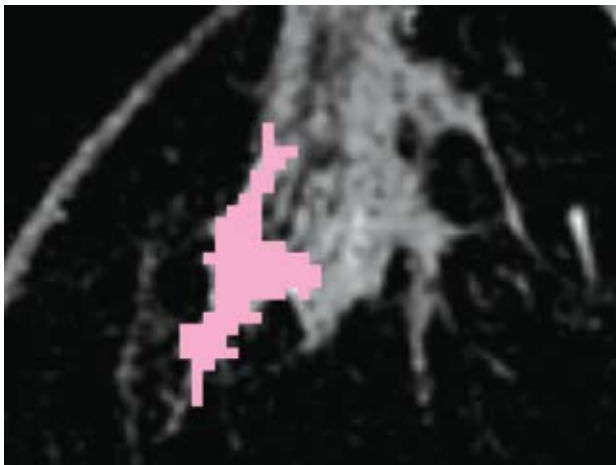
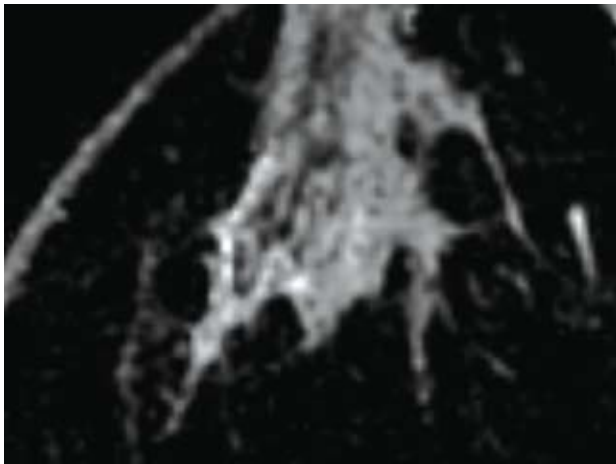
- Advanced segmentation algorithm allows for on-the-fly user modification
- Automatic kinetic analysis (angiogenesis maps, time-intensity curves)
- Single-click volume analysis, lesion composition statistics and histograms
- Auto-search the most suspicious regions of interest (ROIs)
- Automatic lesion location and diameter measurements
- 3D rendered morphological overview
- Automatic creation of "Finding Reports" for organization, classification and reporting of findings in accordance with the ACR BI-RADS® Atlas





"ONCAD shortens my reading time with complex cases."

*David Brousseau, MD, PhD Director of Women's Imaging Newport Diagnostic Center Newport Beach, CA*



ONCAD is the first, fully-automated morphological analysis system designed to detect suspicious lesions as part of a second check during review of MRI.

#### What is ONCAD?

- Detects suspicious lesions based on morphological attributes
- Seamlessly integrates results onto a DynaCAD hanging window
- Adds confidence with a "second check" of MR images
- Optional with most DynaCAD systems

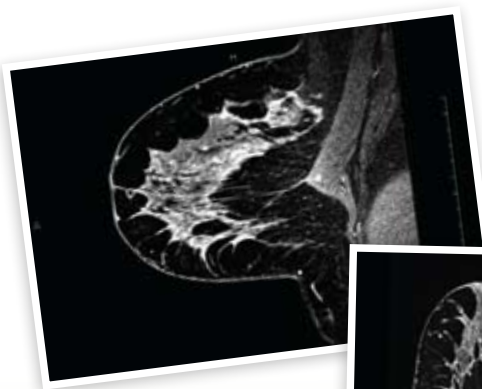
#### Only ONCAD:

- Employs shape and texture-based filters to improve specificity
- Measures margin sharpness or blooming
- Marks a moderate level of suspicion with light pink and high level with dark pink

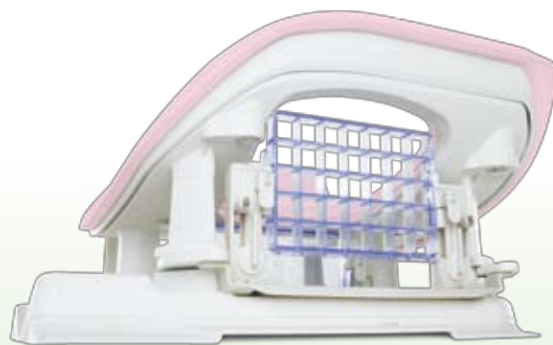
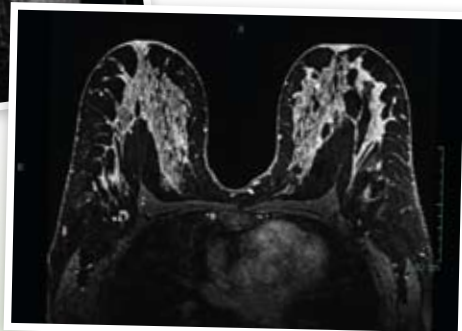
"This lobular carcinoma demonstrates the importance of morphological analysis and how ONCAD adds confidence when reading cases."

*Gillian Newstead, MD  
Clinical Director of Breast Imaging  
University of Chicago.*

# Your Complete Solution for Breast MRI



*16ch Luminescence  
delivers isotropic  
sub-millimeter  
voxel images with  
excellent signal  
to noise*



*Lateral Access*

**DynaCAD** is just one element of the "Complete Solution" approach Invivo applies to breast MRI. Invivo also offers a wide variety of imaging coils, breast immobilization/biopsy systems and a full line of MRI-compatible interventional instruments. Coupled with our talented team of engineers, applications specialists and technical support, the Invivo "Complete Solution" for breast MRI provides a single partner for imaging, analysis and interventional needs.



*Diagnostic 16ch  
Luminescence  
Breast System*



*Medial Access*



*Interventional Accessories*



inspired by a better way

For more information about **DynaCAD** or any of the Complete Solution products from Invivo, please call us at 1-800-331-3220, or visit our website at [www.invivocorp.com](http://www.invivocorp.com)

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