The increased focus on women’s health, as well as the high sensitivity and specificity of MRI are fueling demand for breast MRI. Adding to the demand, the American Cancer Society and European Society of Breast Imaging now recommend breast MRI for patients with a high risk of breast cancer.

Philips Elite Breast is a complete clinical solution designed to make breast MRI easier. From preparation, through examination to reporting and intervention, Philips helps you offer patients this valuable service with confidence.

**Key Advantages**

- Reproducible image quality across patients and over time through SmartExam Breast
- Workflow advantages and improved departmental efficiency through MammoTrak and DynaCAD Enterprise
- Access to in-depth training workshops with industry experts
Elite Breast highlights

Philips Elite Breast overcomes the challenges of conventional MR breast imaging through the right combination of patient support, coils, processing and training.

- MammoTrak over-the-table dockable patient support, and on-console breast biopsy planning ensure that adding breast MR won’t disrupt your department
- New SENSE MammoTrak Breast 7- or 16-channel coils provide superb visualization of small lesions and the axilla region
- DynaCad provides tools for planning needle positioning and real-time analysis tools to assist in diagnosis
- SmartExam Breast offers consistent and reproducible images, removing variations in imaging that make exams harder to read, and helping physicians read breast MRI studies faster
- Courses offered by key opinion leaders working with Elite Breast, and Philips own dedicated breast application specialists, help users develop expertise in breast imaging.
- Elite Breast is compatible with new and already installed Achieva 1.5T & 3.0T systems.

SmartExam Breast
Philips brings SmartExam – providing intelligent assistance in planning, scanning and processing – to breast imaging. It automatically detects the breasts and thorax wall and performs localized shimming for higher image quality. The result is excellent, reproducible image quality, which assists in efficient reading of breast MR images.

SmartExam Breast recognizes the anatomy and automatically applies local shimming for excellent image quality bright up to the axilla.
Elite Breast includes imaging techniques that bring clarity to breast imaging

Example of the excellent image quality offered by MammoTrak with 16-channel SENSE MammoTrak Breast coil. The T1-weighted FFE, THRIVE and VISTA have 0.8 mm isotropic voxels. The ExamCard used enables immediate, automatic generation of the sagittal MPR views and MIPs.

Biopsy planning with DynaCAD Enterprise

DynaCAD Enterprise provides a comprehensive set of computer-aided detection tools for real-time image analysis. Customizable viewing protocols and integrated BI-RADS reporting smooth workflow and assist in diagnosis. A client-server solution, DynaCAD Enterprise provides shared processing on both the DynaCAD Server and the different network clients.

- Plan breast biopsy procedures from the MRI console
- Check needle positioning on the optional in-room display at the scanner.
"Vacuum-assisted biopsy in the prep room allows scanning 1 - 2 additional patients"

Jan W. Casselman, Chairman Radiology,
AZ St. Jan, Brugge, Belgium

**Enhanced throughput with MammoTrak**
Fitting over the patient table, it includes integrated coils and enables feet-first patient entry. In biopsy, once the needle is in the correct position, the patient can be moved to the prep room where the biopsy can take place, freeing the scanner for the next patient.
- A second MammoTrak patient support can help high throughput sites optimize workflow

**SENSE MammoTrak 7- and 16 ch. breast coils**
Philips breast coils offer high SENSE acceleration and sub-millimeter resolution for excellent lesion conspicuity and visualization of the axillla region.
- 7-channel coil is compatible with biopsy kit for interventional use
- 16-channel diagnostic coil provides enhanced spatial and temporal resolution for improved visualization of small lesions.

Correct needle position can be checked on in-room display.

Please visit www.healthcare.philips.com/mri for more information about our Elite Clinical solutions