



Sentinelle **Vanguard**® for GE  
The Next Generation in Breast MRI

Better Breast Cancer Management...  
For your **patients**, for your **practice**



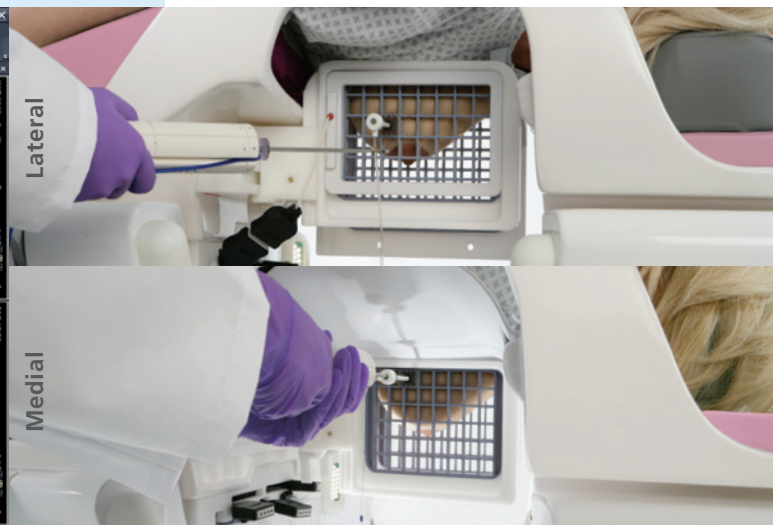
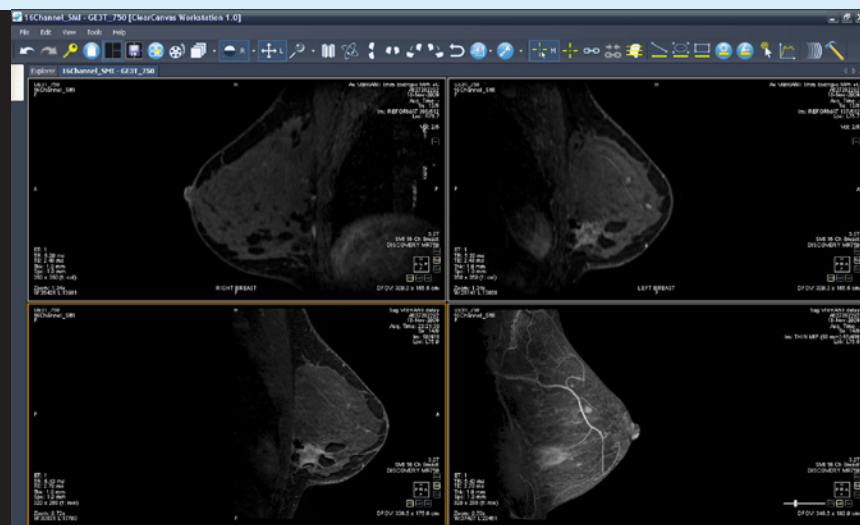
# Advanced Imaging and Interventional Solution

The **Sentinelle Vanguard for GE** leverages its innovative patient support design and its unique Variable Coil Geometry™, to transform your GE MRI system into a dedicated system for breast MR imaging and intervention. With features not available in traditional breast MRI coils, this next-generation system optimizes imaging and access, patient care and comfort, and practice efficiency.

## Patient care and comfort

Our workflow-optimized transporter features optimal ergonomics to comfortably accommodate patients with the widest variety of body types. Patient comfort can greatly reduce image artifacts from patient movement, resulting in improved image quality and fewer repeated scans. Unique support arches comfortably hold arms away during intervention, and a premium headrest enhances comfort with line-of-sight mirrors, tilt and elevation control.

Highest quality padding made of visco-elastic foam ensures comfort, especially in common pressure areas such as the diaphragm and sternum. All padding is adjustable, allowing customized positioning for every patient. Surgical grade material facilitates ease of cleaning.



## High quality imaging

The number and type of coil elements used on each breast may be modified using our unique Variable Coil Geometry technology. Optimizing the imaging in each breast permits visualization of subtle morphology and fine detail. The addition of our 3T and 16-channel coils ensures your practice is equipped for the future.

## Full access

The open design of the Vanguard patient support allows maximum access to the breast for ease of positioning and intervention, while coils can be adjusted for different sized breasts and different areas for intervention. The coil elements adjust in left-right and anterior-posterior directions, providing the greatest flexibility for imaging and biopsy. The Sentinelle Verity™ angled biopsy device increases access to the patient's breast, allowing you to target lesions inaccessible by a standard grid-based approach. The Vanguard design permits optimal access for targeting in all quadrants of the breast. The Sentinelle Vanguard is universally compatible with leading biopsy devices and localization needles.



## Workflow efficiency

The Sentinelle Vanguard for GE offers a detachable, throughput-enhancing table with comprehensive features: storage drawers, procedure trays, a modular padding system, adjustable side rails, removable sternum supports, and an integrated shadowless lighting system. Patients can be prepared outside the MRI suite, saving valuable scanner time. Use two Sentinelle Vanguard tables to save as much as 18 minutes for imaging procedures and up to 33 minutes for interventional procedures. What's more, patients can be positioned comfortably and quickly, thanks to customizable coil and biopsy grids. This too can decrease set up time, increase patient accommodation, and improve access to lesions for biopsy. The coil configurations may be customized for each application without removing the patient.



## Technical Specifications

Available Vanguard Systems		Interventional Access**		Patient Accomodation				Features							
Scanner	Imaging Channels	Lateral Approach	Medial Approach	Volume per Breast	Episternal Distance	Arm Positioning	Patient Pads	Detachable table	Parallel imaging	Sub-mm isotropic voxels	Bilateral	Spectroscopy enabled	DWI enabled	Mirrors on headrest	Sterile biopsy grids
<b>Advanced Workflow Solutions</b>															
								✓	✓	✓	✓	✓	✓	✓	✓*
	8	295cm <sup>2</sup>	228cm <sup>2</sup>	5841cc	33cm	Arms at side or forward	11	✓	✓	✓	✓	✓	✓	✓	✓*
NEW!				3141cc				✓	✓	✓	✓	✓	✓	✓	✓
NEW!	16							✓	✓	✓	✓	✓	✓	✓	✓*
NEW!								✓	✓	✓	✓	✓	✓	✓	✓*
<b>Advanced Imaging and Interventional Solutions</b>															
NEW!	8	272cm <sup>2</sup>	210cm <sup>2</sup>	4676cc	33cm	Arms at side or forward	9		✓	✓	✓	✓	✓	✓	✓*
NEW!				4014cc				✓	✓	✓	✓	✓	✓	✓	✓*
NEW!	16												✓	✓	✓

\* The imaging-only configuration does not contain sterile biopsy grids. See your Sentinelle Medical Sales representative for upgrade options.

\*\* These measurements are for a standard grid-based approach. The Sentinelle Verity angled biopsy device increases biopsy access.

† Not licensed in accordance with Canadian law and not for sale in Canada.

At Sentinelle Medical, we are dedicated to solving the real problems that radiologists, technologists and surgeons encounter in the detection and treatment of breast cancer. Our suite of advanced technologies for breast magnetic resonance imaging and intervention – including high performance coils, throughput-enhancing patient stretchers and innovative software solutions – creates an integrated, flexible, and dedicated system, second to none.

The Sentinelle Vanguard is also available in an imaging-only configuration for 1.5T and 3T scanners. Get advanced high-quality breast imaging now with the ability to upgrade to interventional capabilities when you are ready.

To complete your interventional tool suite, ask your Sentinelle Medical sales representative about Sentinelle's Aegis™ 4D Advanced Visualization software.

**For more information and to purchase a product, please contact Sentinelle Medical at 1-866-735-3744 or mail to: [sales@sentinellemedical.com](mailto:sales@sentinellemedical.com)**

[sentinellemedical.com](http://sentinellemedical.com)

Products described herein may not be commercially available in all countries - pending regulatory clearances.

Sentinelle Medical Inc. reserves the right to make changes in features shown herein, or discontinue the product described at any time without notice. Product may not be as shown.

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**MEDICAL**

**Confidence in Diagnosis. Accuracy in Intervention.**