



Technical Specifications

Compatibility

- Signa HDx and HDi, 1.5T and 3T MRI

Interventional Access

- Variable Coil Geometry
- Lateral approach: - 317 cm²
- Medial approach: - 229 cm²
- Accessibility for biopsy
- Bilateral intervention capable
- Ethicon Endo-Surgery, Hologic, SenoRx, Bard

Patient Accommodation

- Volume per breast: 6350 cc
- Distance from sternum to bore: 30 cm
- Arms back positioning: Yes
- Arms forward positioning: Yes
- Adjustable headrest: Yes
- Patient pads: 9 Visco-elastic

Imaging Capabilities

- Parallel imaging
- Sub-millimeter isotropic voxels
- Bilateral
- Spectroscopy enabled
- Diffusion weighted imaging enabled

Other Features

- Integrated LED lighting system
- Storage drawers
- Positioning mirrors: 2
- Accessories tray: 2
- Patient mirrors on headrest
- Sterile single use biopsy grids

Training

- 6.0 Category A Continuing Education Hours with initial applications training on imaging and intervention



Sentinelle **Vanguard® G-Series** The Next Generation in Breast MRI

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 (MRI) and intervention – including high performance coils, throughput-enhancing patient stretchers and innovative software solutions – creates an integrated, flexible and dedicated system, second to none.

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

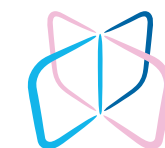
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Confidence in Diagnosis. Accuracy in Intervention.

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



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The **Sentinelle Vanguard G-Series** leverages a throughput enhancing Vanguard patient stretcher together with its innovative patient support design and its unique Variable Coil Geometry™, to transform your Signa® HDx or HDi 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

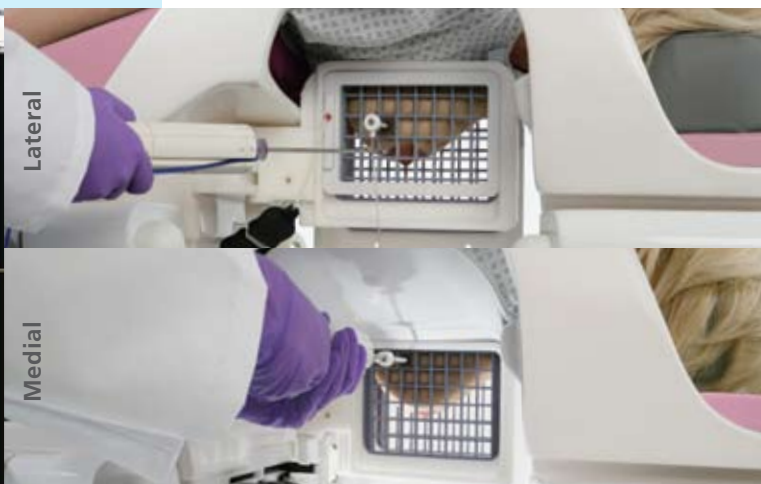
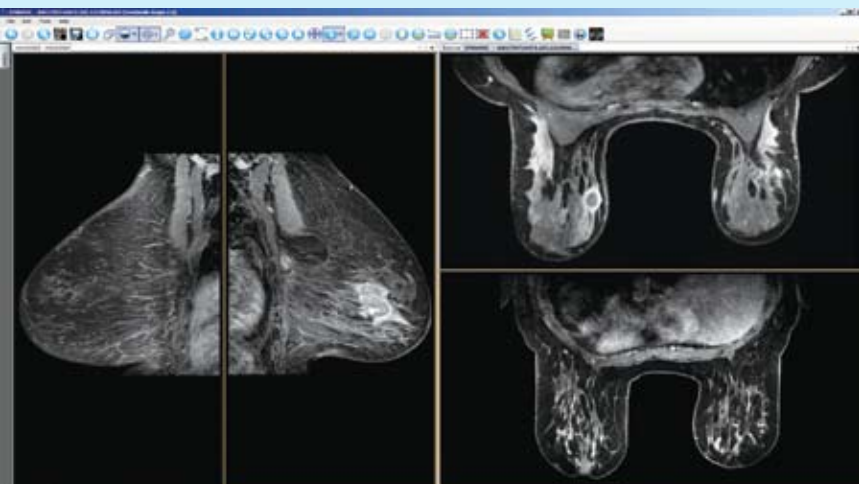
Our patient-centric patient support features state-of-the-art ergonomics to comfortably accommodate patients with arms at side and arms over the head positioning. Patient comfort can greatly reduce images artifacts due to patient movement, resulting in improved image quality. The support arches of the system not only provide support for this positioning but also protect the patient from the magnet.

Padding is made of visco-elastic foam for improved comfort, especially in common pressure areas such as the diaphragm and sternum. All padding is adjustable, allowing customized cushioning for every patient, and the foam is covered in surgical grade material allowing for easy clean-up.

Workflow efficiency

The Sentinelle Vanguard G-Series offers a detachable table with comprehensive features – storage drawers, tray tables, biopsy grids, padding, safety rails, movable sternum supports and integrated lighting – that work together to improve workflow. Patients can be prepared outside the MRI suite before and after imaging and intervention. For dedicated Breast Imaging Centers, and to maximize your efficiencies, use two Sentinelle G-Series tables; this will result in significant time savings – as much as 18 minutes in per-patient magnet use time for imaging 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. Coil configurations are interchangeable for each application while using a common patient support.



High quality imaging

Our unique Variable Coil Geometry allows imaging coils to be customized for each breast of every patient, improving signal-to-noise ratio over fixed coils. This results in the ability to resolve detail in morphology which can lead to better breast cancer management and treatment options.

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 coils can easily be moved medially and laterally, as well as anteriorly and posteriorly, providing the greatest flexibility in coil and grid placement. This permits optimal access for targeting in all quadrants of the breast. The G-Series is universally compatible with leading biopsy devices and localization needles.

