



# Dedicated Breast MR System

**Setting the stage for a new era in women's imaging.**

Furthering the company's commitment to breast imaging, GE Healthcare introduced a new, dedicated breast magnetic resonance (MR) scanner. As a result of the American Cancer Society's 2007 recommendation for annual MRI exams – in addition to mammography – for patients deemed high risk for breast cancer, breast MR procedures are expected to continue to grow. According to IMV Limited (Des Plaines, Ill), breast MRI procedures grew 58 percent between 2003 and 2006.

The GE Signa® Vibrant™ is a dedicated 1.5T breast MR scanner utilizing High Definition technology and applications specifically designed for breast MR, including VIBRANT acquisition, BREASE spectroscopy, integrated CADstream manufactured by Confirma, Inc., (Bellevue, Wash) and a specially designed



breast MR patient table (Sentinelle Medical, Inc., Toronto, Ont.) that provides optimal imaging and outstanding access for interventions. Signa Vibrant has a unique, patient-friendly design, ideally suited for the environment of many breast-imaging centers. The solution optimizes all of GE's breast MR capabilities – from imaging to intervention to workflow – in a complete solution.

In addition to improving patient comfort, GE is also focused on increasing public awareness and knowledge of breast cancer. With that in mind, GE will apply a portion of the proceeds from Signa Vibrant sales toward breast cancer education and awareness programs. ■

# New High-Resolution HD Carotid Array

**Excellent sub-millimeter resolution of the carotids lumen, vessel walls, and atherosclerotic plaques.**

The GE Signa 3.0T 6-Channel Carotid Array coil provides excellent sub-millimeter resolution of the carotid lumen, vessel walls, and atherosclerotic plaques. Configured to optimize deep penetration high SNR with 15 cm field of view (FOV) Superior/Inferior and Anterior/Posterior coverage, the new phased-array coil enables bilateral diagnostic imaging of the carotid artery bifurcation. The Antennas rotate 300° and pivot in all directions for greater patient comfort. The coil is compatible with ASSET® parallel imaging techniques. ■

