

Healthcare

SIEMENS HITS 6,000TH MILESTONE INSTALLATION OF SOMATOM EMOTION CT SCANNER

Portsmouth Imaging Center Enhances Image Quality, Efficiency and Capabilities with Siemens Most Popular CT System

MALVERN, Pa., July 22, 2008 – From diagnosing heart disease through cardiac Computed Tomography (CT) to transforming into a stroke unit or therapy management tool for cancer patients, CT technology from Siemens Healthcare (www.usa.siemens.com/healthcare) is delivering personalized care to fit the patient's needs. As a further milestone, Siemens announces that its SOMATOM® Emotion has achieved its 6,000th installation at the newly opened Portsmouth Imaging Center of Newport Hospital in Rhode Island – making the SOMATOM Emotion the most popular CT system in the world based on system sales.

Powerful and cost-effective, the enhanced 16-slice SOMATOM Emotion enables Portsmouth Imaging Center to not only perform routine examinations, such as brain, chest, and abdomen examinations, but also undertake high-end, detailed examinations, such as high-resolution CT angiography, which greatly improve patient care, as well as diagnostic workflow.

“At our new Portsmouth Imaging Center, we use a Siemens SOMATOM Emotion CT scanner because it provides speed and extremely high resolution, which is essential for fast and accurate diagnoses,” said Todd Cipriani, vice president, Professional Services, Newport Hospital. “Both patients and physicians like knowing that the image clarity is excellent.”

The SOMATOM Emotion addresses the unique demands of community hospitals and diagnostic imaging centers with its economical price point, low lifecycle costs, and

compact design. Ideal for facilities with limited space, the SOMATOM Emotion fits in just 200 square feet and can be quickly and easily installed.

With Siemens' ongoing enhancements to this system, the SOMATOM Emotion offers detailed, high-quality images with a slice thickness as small as 0.5 mm; accelerated image reconstruction times; and innovative software capabilities. Its engineering (air-cooled and exceptionally durable X-ray tube) and minimal power requirements mean the system works reliably, even under the most demanding clinical schedules.

"With thousands of installations, Siemens has used the valuable feedback from various customers to continually discover new ways to enhance the SOMATOM Emotion," said Peter Kingma, vice president, Computed Tomography, Siemens Medical Solutions USA, Inc. "As a result, Siemens has improved the Emotion's image quality, efficiency, and clinical offerings while keeping costs low – making it one of the best solutions available for value-conscious facilities looking to offer patients the best diagnostic testing possible."

Furthermore, in always keeping the patient the priority, Siemens uses CARE Dose4D software on the SOMATOM Emotion to lower the radiation dose as much as clinically possible, particularly for pediatric patients. The integrated software can reduce radiation exposure up to 68 percent for certain examinations, compared to conventional CT scanning.

SOMATOM Emotion's Latest Capabilities

The SOMATOM Emotion is optimized for fast post-processing with *syngo*[®] WorkStream4D, which virtually eliminates the need for time-consuming, manual image reconstruction. *syngo* WebSpace, an option for SOMATOM Emotion users, incorporates a thin-client workstation that now makes 3D data available through a secure platform. This allows the radiologist to make a diagnosis from any connected PC, potentially saving time and money, and turning that PC, essentially, into a diagnostic workplace.

The system also has enhanced diagnostic functions, such as computer-aided detection (CAD). For instance, *syngo* Lung CAD provides a virtual "second set of eyes" to help radiologists render a diagnosis. The software automatically finds and marks potential

2 / 3

pathology observed on CT scans. Another advanced application, *syngo* Colonography, Siemens' virtual colonoscopy software, offers the optional Polyp Enhanced Viewing, a tool designed to help identify potential polyps.

About Siemens Healthcare

The **Siemens Healthcare Sector** is one of the world's largest suppliers to the healthcare industry. The company is a renowned medical solutions provider with core competence and innovative strength in diagnostic and therapeutic technologies as well as in knowledge engineering, including information technology and system integration. With its laboratory diagnostics acquisitions, Siemens Healthcare is the first integrated healthcare company, bringing together imaging and lab diagnostics, therapy, and healthcare information technology solutions, supplemented by consulting and support services. Siemens Healthcare delivers solutions across the entire continuum of care – from prevention and early detection, to diagnosis, therapy and care. Additionally, Siemens Healthcare is the global market leader in innovative hearing instruments. The company employs more than 49,000 people worldwide and operates in 130 countries. In the fiscal year 2007 (Sept. 30), Siemens Healthcare reported sales of €9.85 billion, orders of €10.27 billion, and group profit of €1.32 billion. Further information can be found by visiting <http://www.siemens.com/healthcare>.

About Newport Hospital

Newport Hospital is a 129-bed, award-winning health care facility that offers a broad range of medical services, including emergency care, diagnostic imaging, a birthing center, behavioral health unit, comprehensive surgical services, intensive care, acute inpatient and outpatient rehabilitation and has received the coveted Magnet designation from the American Nurses Association and Baby Friendly designation from the World Health Organization and UNICEF. For more information, visit <http://www.lifespan.org/newport/>.

###