ROCKFORD SPINE CENTER

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Rockford Spine Center First to Bring Samsung X-Ray Technology to Rockford Region
New Technology Decreases Radiation Exposure to Patients

Rockford, IL (January 7, 2015) – Rockford Spine Center (RSC) recently installed a new Samsung digital X-ray machine that improves patient safety and digital photo quality to aide in diagnosis of spinal conditions. The Samsung Dual Detector GC80 is a wireless robotic system that on average lowers the radiation dose to patients by 30-50 percent while still providing a superior digital photo. Rockford Spine Center is the first in Illinois to utilize the wireless Samsung technology.

Since its inception in 1895, X-ray technology has been a useful tool for physicians in diagnosing conditions and getting a glimpse inside a patient's body. RSC uses X-rays of the spine to diagnose the cause of back or neck pain, fractures or broken bones, arthritis, spondylolisthesis, disk degeneration, tumors, spinal deformities such as kyphosis or scoliosis, or congenital abnormalities.

"Our number one goal is giving patients their lives back and it all starts with the proper diagnosis," said Dr. Fred Sweet, fellowship-trained spine surgeon, Rockford Spine Center. "X-ray images are an important tool in determining a course of treatment."

While the technology has not changed much, the quality of images and patient safety has evolved immensely. Samsung's GC80 provides a spectrum of diagnostic and patient-centric tools aligned to meet the various demands and needs of both the care provider and patient. The system offers the following benefits:

- Patient safety – The GC80 lowers the dose of radiation to patients minimizing unnecessary exposure. Additionally, the machine is robotic with a collision sensor that recognizes when objects or people may be near and automatically stops.
- Patient comfort – The X-ray table is designed to move with great flexibility in six directions. This is meant to help patients who are immobile or who have severe injuries to position themselves easily for a scan.
- Exceptional quality images – RSC will have higher quality images with the ability to enhance the contrast and sharpness further. This will aide in making the proper diagnosis, which is critical in treating spinal conditions.
- Increased efficiency – The GC80 is a fully automated wireless system that allows RSC to reduce image processing time 10-fold from 30 minutes on average to three minutes. The increased efficiency decreases wait time for patients and allows the radiology technician to see additional patients.

"From workflow to dose management, Samsung's digital X-ray technology balances science with purpose without jeopardizing image quality," said Charles Richardt, US DR Channel Manager, Samsung. "Rockford Spine Center offers innovative care and this X-ray technology will further enhance its capabilities, which will have a positive impact on patient care."

Click here to learn more about the Samsung Dual Detector GC80.

For more information on Rockford Spine Center, visit www.rockfordspine.com or find the company on Facebook at www.facebook.com/RockfordSpine.

About Rockford Spine Center
Rockford Spine Center, a facility dedicated exclusively to spinal care, has the combined expertise of three fellowship trained spine surgeons, and a Mayo Clinic-trained physiatrist.

Rockford Spine Center's team of experts uses a multidisciplinary approach to treat spinal disorders, ranging from simple to the most complex cases. The team has an internationally recognized expertise in surgical and non-surgical spinal disorders. Rockford Spine Center has earned national recognition in Newsweek, is ranked among the Top 50 Spine Surgery Practices to Know in Becker's Spine Review and has earned the Patients' Choice and Compassionate Doctor awards since 2011. For more information about Rockford Spine Center, visit the company's website at www.rockfordspine.com or find us on Facebook at www.facebook.com/RockfordSpine.

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