

Healthcare Sector Clinical Products Division

First U.S. Installation of UROSKOP Omnia Urology Table from Siemens

Shannon Medical Center adopts new multifunctional workstation enabling coverage of the entire urinary tract in a single exposure.

Malvern, Pa., July 12, 2011 – Shannon Medical Center in San Angelo, Texas, recently became the first facility in the U.S. to install Siemens' UROSKOP® Omnia, the new multifunctional workstation for urology. The workstation's new dynamic flat detector technology allows the urologist to cover the entire urinary tract – kidney, ureter and bladder (KUB) – with just one exposure and in excellent image quality.

UROSKOP Omnia supports a variety of clinical applications, including transurethral and percutaneous urological interventions, urologic diagnostics and even gastroenterological cases.

"The UROSKOP Omnia table allows for more accurate diagnostic imaging," said Bradley D. McIver, MD, Shannon Clinic urologist. "I can collect superior X-ray imaging as well as video imaging during procedures. It brings a whole new experience to urology and patient care."

With the UROSKOP Omnia table and its flat detector size of 43 x 43 cm² (17 x 17 inch²), users no longer need to acquire and read two images to cover the complete KUB area. The large field-of-view (FoV) enables a real KUB image with a single exposure, translating to reduced examination time and reduced patient dose compared to standard image intensifier systems.

Additionally, the system's resolution of more than 2800 x 2800 pixels exceeds that of standard image intensifier systems. UROSKOP Omnia also allows for digital RAD images, eliminating the need for cassettes.

UROSKOP Omnia's curved X-ray column offers free patient access from all four sides, a feature unique to the market. Regardless of the type of examination, the urologist need not reposition the patient, and the anesthesiologist can always stay in place. The curved X-ray column also allows for a highly ergonomic position for the staff during patient procedures. Moreover, the intelligent system design allows the user to lower the table to a greater degree, enabling easier, ergonomic patient transfer.

UROSKOP Omnia's HD VideoManager provides various interfaces and features to facilitate working with the system. The physician can connect a HD (High Definition) endoscopy or ultrasound device or a picture archiving and communications systems (PACS) viewer to display images side-by-side with X-ray or fluoroscopy. What's more, the VideoManager offers additional output for extra monitors – a key feature for teaching or presentation purposes. HD endoscopy and ultrasound images can be stored with X-ray images in one patient file as DICOM images, thanks to HD EndoStore.

UROSKOP Omnia also offers an optional, patient-soothing MoodLight element based on LED technology. The customer can select individual colors or smooth color transitions.

The **Siemens Healthcare Sector** is one of the world's largest suppliers to the healthcare industry and a trendsetter in medical imaging, laboratory diagnostics, medical information technology and hearing aids. Siemens offers its customers products and solutions for the entire range of patient care from a single source – from prevention and early detection to diagnosis, and on to treatment and aftercare. By optimizing clinical workflows for the most common diseases, Siemens also makes healthcare faster, better and more cost-effective. Siemens Healthcare employs some 48,000 employees worldwide and operates around the world. In fiscal year 2010 (to September 30), the Sector posted revenue of 12.4 billion euros and profit of around 750 million euros. For further information please visit: www.siemens.com/healthcare

###