

Medical Solutions

For the Trade Press

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Modular Urology Systems Solution for Interdisciplinary Hospital Use

Integration of various mobile C-arm X-ray systems possible

Siemens Medical Solutions (Med) will introduce new configurations for its well-known Modularis Uro Plus urology system at the 18th meeting of the European Association of Urology (EAU), to be held in Madrid, March 12-15. Two new variants optimize the multiple functions and flexibility of this modular system. First, combining the system with the Siremobil Iso-C 3D mobile X-ray C-arm enables interdisciplinary use of the unique intraoperative 3D imaging solution for orthopedic surgery and traumatology. Second, the innovative Lithostar Modularis Vario* lithotripsy module can be flexibly integrated with a wide range of mobile C-arm systems, including those of third-party manufacturers. In addition to kidney stone therapy and other urological applications, orthopedic treatments such as ESWT (extracorporeal shock wave therapy) may be performed. This results in enormous advantages for hospital management in optimizing both costs and resource allocation.

Modularis Uro Plus is based on a modular product concept: all components are optimized to one another and may be used individually or combined for specific applications. Since all components are mobile, they may be used in multiple departments. The system, which can be configured according to individual requirements, comprises the following components: Modularis Uro, the comfortable, ergonomic endourology table, a mobile C-arm such as Siremobil Iso-C / Iso-C 3D, Siremobil Compact or the C-arm system of a third-party manufacturer, the multifunctional Sonoline Adara ultrasound system, the Lithostar Modularis or Lithostar

Modularis Vario lithotripsy module, and the Mut Modularis endoscopic tower with equipment by Richard Wolf.

The Modularis universal lithotripsy workstation offers a broad range of applications, enabling optimum use of all components. From urodiagnostics, to extra and intracorporeal shock wave lithotripsy (ESWL, ISWL), to invasive endourological procedures and orthopedic pain therapy, this system meets all the daily requirements of the modern hospital.

The ability to flexibly integrate various X-ray C-arm systems provides significant advantages. Siremobil Iso-C 3D, with its unbeatable 3D imaging, can be used in traumatology as well as for orthopedic surgery. Intraoperative 3D imaging provides increased safety and significant optimization of workflow. Lithostar Modularis Vario can be combined with the Siremobil Compact as well as third-party C-arm systems. As a result, existing resources can be used efficiently and shared between different departments.

In addition to the X-ray C-arm, the Sonoline Adara ultrasound device can be used for stone localization. Intuitive one-touch operation, together with high-performance outline targeting and a wide selection of ultrasound applications, make the Sonoline Adara an all-around diagnostic and therapy solution. Additional applications such as prostate diagnosis and therapy may also be performed.

The patented electromagnetic shock wave system is the core of both the Lithostar Modularis and Lithostar Modularis Vario. A high stone-free rate and safe, gentle treatment characterize this patient-friendly lithotripter. With 38 energy levels, the module may be set to individual anatomical and clinical requirements. Flexible energy settings mean that this shock wave system is perfectly suited to pediatric stone therapy as well as disintegration of the most complicated ureteric calculus. In addition, the system can be used for ESWT.

Several images accompany this press release, and may be found on the internet under:

<http://www.siemens.com/med-pictures/Modularis-Uro-Plus>

Siemens Medical Solutions (Med) is one of the largest suppliers of healthcare equipment in the world. Med is renowned for its innovative products, services and complete solutions, ranging from imaging systems for diagnosis and therapy equipment for treatment, to electromedicine and hearing instruments to IT solutions that optimize workflow and increase efficiency in hospitals, clinics and doctors' offices. Siemens also offers a variety of data management solutions for customers and is currently the largest Application Service Provider. Employing approximately 31,000 people worldwide, in fiscal 2002 (September, 30), Med reported sales of 7.6 billion EUR, orders of 8.4 billion EUR and EBIT of 1 billion EUR. More information can be obtained through the Company's website <http://www.siemensmedical.com>.

* Lithostar Modularis vario is not yet available in the USA.