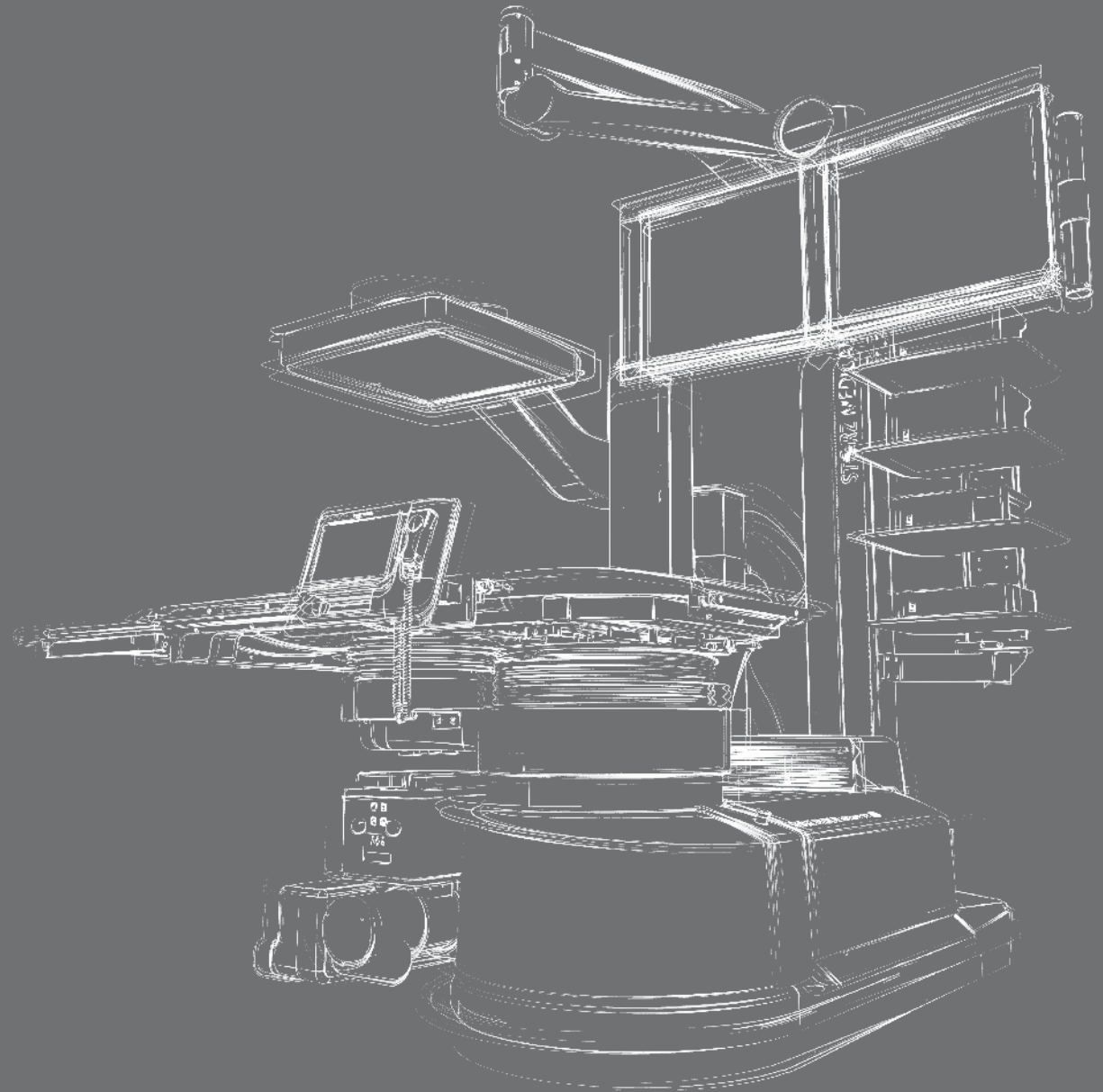


MODULITH® SLX-F2 connect
THE UROLOGICAL WORKSTATION





MODULITH® SLX-F2 connect

The intelligent connection of modern technology in urology

Personalised stone management (PSM)

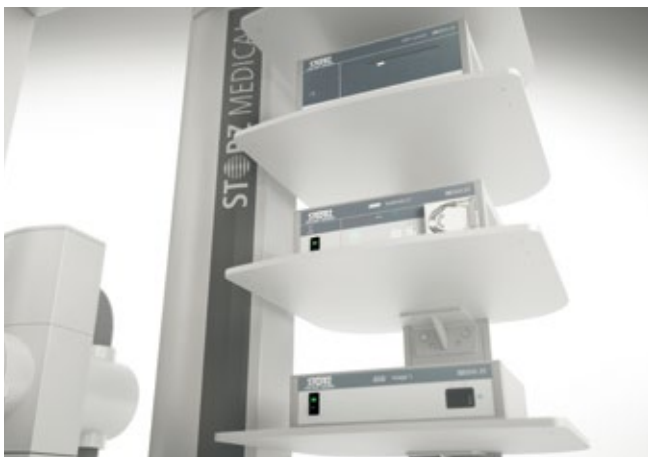
Stones are of different composition, have different sizes and can be found in different locations in the urinary tract. Patients have different needs and doctors would like to have the choice offering their patients the best possible treatment. The solution is personalised stone management (PSM). The exceptional versatility of the new MODULITH® SLX-F2 enables all stone management procedures with maximum safety, reliability and ease of use. Both, non-invasive SWL as well as minimally invasive procedures, such as URS or PCNL can be performed on this multifunctional workstation.

State-of-the art X-ray and ultrasound imaging systems are available for diagnosis and treatment. The well proven electromagnetic shock wave source and the optimal ergonomic access from all sides stand for effective stone disintegration and provide the ideal environment for all endourological procedures. All functions of the lithotripter and the required endoscopes are controlled from one central user interface by touch screen, combining SWL and endourology on this multifunctional workstation.

Urological diagnosis and treatment

- KUB
- Urography (IVP, IVU)
- Retrograde urography
- Ureterscopy (URS)
- Percutaneous nephrolithotomy (PCNL)
- Transurethral resections (TUR-B, TUR-P)
- Cystoscopy
- Stent placement and removal
- **Extracorporeal shock wave lithotripsy (SWL)**

Integration and control of KARL STORZ endoscopic devices



Touch screen panel



Display of X-ray, ultrasound and endoscopic images





Endourological applications

The excellent ergonomic design of the new MODULITH® SLX-F2 ensures maximum ease of use during the most frequently performed minimally invasive stone removal procedures such as URS and PCNL. The X-ray tube can be swivelled into over-table position to ensure unrestricted access to the table. Furthermore free positioning of the monitors offers an unobstructed view at all times. The 17" flat panel detector can be positioned under the table close to the patient, which allows the imaging of the complete genito-urinary tract (e.g. KUB) during the endourological intervention without limitations. As a result, no movement of the table is necessary and PCNL from both sides can be performed without re-positioning of the patient. The anaesthetist can remain at the same position at all times.

X-ray and ultrasound imaging as well as all images from the endoscopic cameras can be displayed on the two 19" screens mounted to the monitor arm. All video channels can be controlled via the multifunctional foot switch and the images can be transferred to the StorM-Base patient database for documentation purpose. Integration and management of all available KARL STORZ endoscopes is possible via the OR1™ controller and the intuitive user interface StorM-Touch. This multifunctional workstation offers the solution for all requirements in modern stone therapy.

Key features for endourological applications

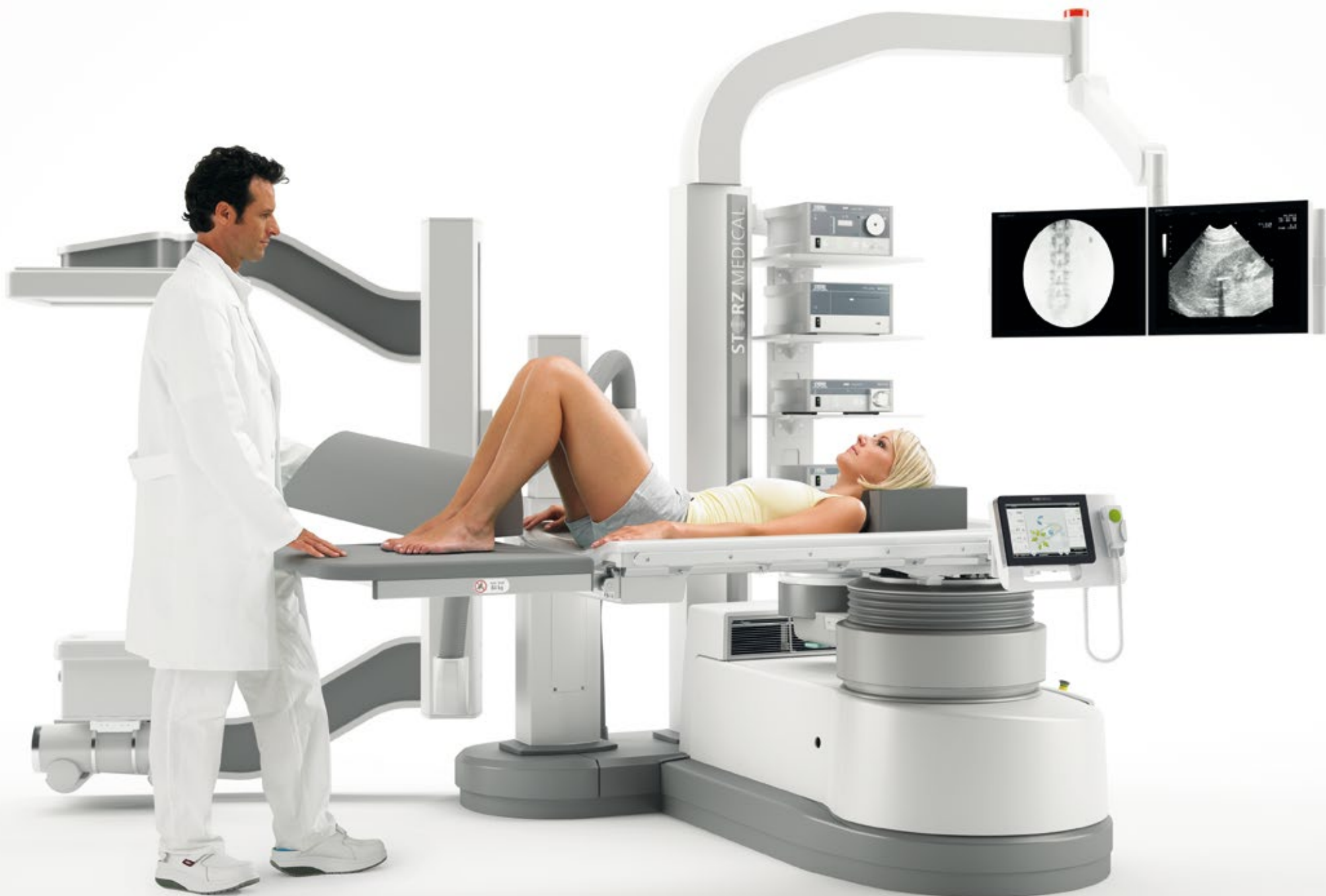
- 17" flat panel X-ray detector in under-table position close to patient for better image quality
- No need for the anaesthetist to change position during procedure
- Unrestricted access to patient table due to optimal ergonomic environment
- Left- and right-sided PCNL without re-positioning of the patient
- Display of X-ray, ultrasound and endoscopy images
- Management of video channels via multifunctional foot switch
- Integration and management of KARL-STORZ endoscopy devices via OR1™ controller and StorM-Touch

Left-sided PCNL



Right-sided PCNL





SWL applications

The unique electromagnetic shock wave source of the MODULITH® SLX-F2 has proven its efficiency in thousands of cases worldwide. The excellent features such as the dual focus, the wide energy range, the large focal distance and the in-line localisation by X-ray and ultrasound are highly appreciated by our customers. Due to the intuitive operation of the system high success rates can be achieved.

Automatic stone positioning is possible during X-ray localisation to make the workflow easier for the operator and to minimize radiation exposure for patients. System operation from the remote control room enables safe treatments without radiation exposure to the urologist. Moreover, the proven patient foil allows easy and comfortable positioning of patients, even of small children.

Key features for SWL applications

- Inline X-ray and ultrasound localisation
- Focal distance up to 180 mm
- Dual focus
- Intuitive touch screen panel
- 30° c.c. X-ray projection
- Patient foil, ideal also for the treatment of small children

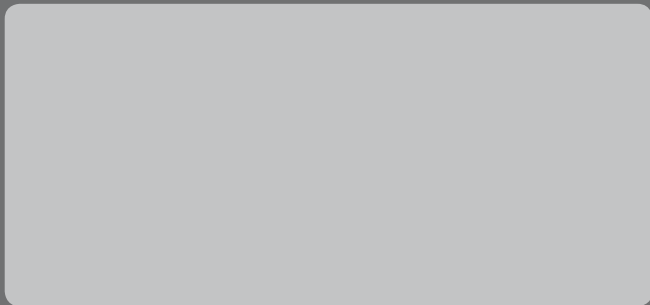
AP projection



30° c.c. X-ray projection



HUMANE TECHNOLOGY – TECHNOLOGY FOR PEOPLE



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