

Dornier *Gemini*

True Excellence in Endourology and Lithotripsy



Dornier *Gemini*

Premium Lithotripter



Dual Functionality At All Levels



As endoscopy, ESWL, and percutaneous procedures become increasingly prevalent in modern urology, the need for multifunctional workstations with open patient access, extraordinary imaging, and shockwave positioning flexibility has become increasingly important.

Nothing matches the Dornier *Gemini* multifunctionality in terms of features and versatility.



Dornier *Gemini*

Therapy of Choice



In treating urinary stones, the therapy of choice depends on many factors such as number, size, location and anatomical features. Dornier *Gemini* ensures the optimal solution for URS, PCNL or ESWL as its system's range of applications is ideal for all endoscopic and percutaneous techniques.

Superiority in Endourology and Lithotripsy



PCNL

- Flexible monitor display position
- Uncompromised access from all sides
- Orbital movement C-arm



URS

- Easy access to rack mounted devices
- Footswitch control of both table movement and imaging
- Ability to perform seated or standing procedures



Dornier *Gemini*

Ingeniously Designed



Innovative Table Design

The special table dual cut design of the Dornier *Gemini* allows maximum access for lithotripsy treatments from the undertable position.

Through its ingeniously simple and elegant design, the 180 degree rotating table top provides an artifact free imaging path for endourologic procedures.

Image of Excellence

Full Abdominal Imaging

Dornier's 16 inch image intensifier provides the most comprehensive imaging that enables capturing the entire urinary tract with fluoroscopy in a single view.



Imaging Accuracy

The motorized height adjustment minimizes the distance between the image intensifier and the patient, resulting in improved scaling accuracy, better image contrast and lower X-ray dose.

Capacity without Compromise

Dornier *Gemini*



Dornier Gemini high capacity table design addresses both current and future needs.



Optimal Freedom of Movement

The extremely open design of the Dornier *Gemini* offers a variety of unique features.

- Special X-ray and ESWL park positions for unobstructed access to patient
- Easy transfer of immobile patients
- Spectrum of ultrasound procedures such as renal biopsy
- Unique independence of imaging and treatment components allows bedside availability of specific modalities



Ancillary Procedures Without Repositioning

The combination of flexible shock source positioning and the ideal placement of the table cut-outs near the perineal table edge, virtually eliminates patient repositioning.



Ergonomic Perfection



Dornier *Gemini*

Endourology Without Compromise

Endourology procedures are enhanced by:

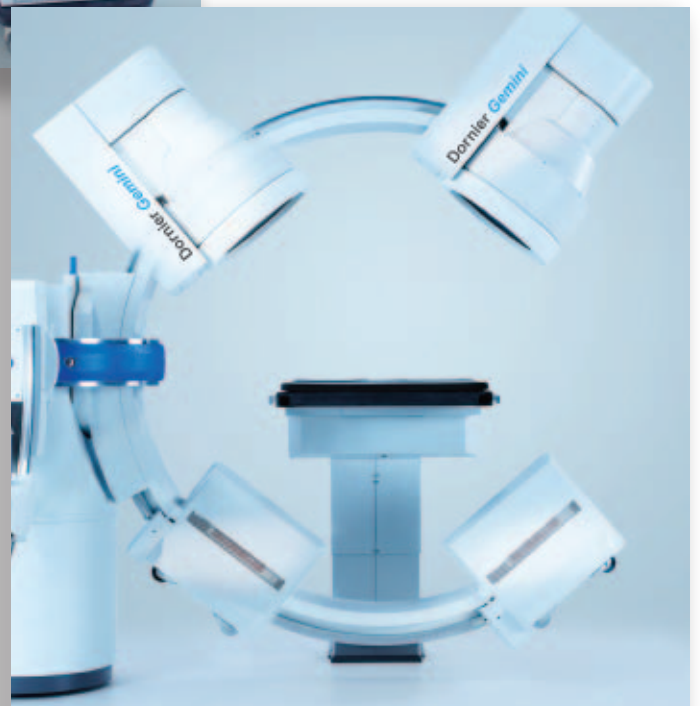
- Swing out endoscopy rack
- Dual monitors on flexible swivel arms
- Large image intensifiers
- Generous table travel distances and height-balanced table tilt



Flexible Imaging Projections

The ability of the C-arm to move in the transverse and sagittal planes combined with varying the cc projections.

- Elimination of superimposed anatomy
- Ideal for renal biopsies
- Oblique imaging for PCNL procedures





Excellence in Endourology



Dornier *Gemini*

Proven Efficacy



Dornier Sets the Standards

EMSE 220f- XXP

With over 30 years of experience in the application of shockwave therapy in the medical field, Dornier's EMSE 220f-XXP has an established track record.

- Proven efficacy with limited side effects
- Proprietary design ensures consistent shockwave output in all shockwave therapy positions.
- Uniquely profiled bellow optimizes stone localization and fragmentation.

170-mm Penetration Depth (optional)

The EMSE 220f-XXP HP provides a greater penetration depth.





Patient Centric Design

The shockwave source is specially designed to revolve around the patient.

- The patient remains in comfortable supine position for any stone location
- No repositioning of the patient is needed with any shockwave therapy position
- Supports stationary anesthesia



Dornier *Gemini*

Reliable Targeting



Excellent Stone Localization with Oblique C-arm Movement

In addition to the vertical projection, two X-ray oblique (CC) projections are available to ensure excellent stone localization even if ribs or intestinal gas overlay the stone. Dornier's unique proprietary radiolucent therapy head C-arm allows for continuous stone tracking during X-ray C-arm rotation with unobstructed stone visualization.

Flexible Ultrasound Localization

Flexibility, excellent image quality, and elimination of shockwave interactions demonstrate the superior design of Dornier *Gemini's* isocentric localization arm. Even with difficult intercostal acoustic windows, imaging of the kidney and stone can be visualized. Both the shockwave effectiveness and the service life of the ultrasound probe benefit from this design.



Dual Imaging

The dual imaging capability of Dornier *Gemini* provides a comprehensive visualization system for all stone types. The X-ray system provides pin point localization while the ultrasound provides real time visualization.

Dornier *Gemini*



Simplicity and Convenience

The system's intuitive graphical interface leverages easy-to-understand icons and symbols. This familiar approach inspires immediate confidence for all experience levels.

Multiple Controls For Efficient Workflow

Cable Free Convenience

Dornier *Gemini* provides a convenient and uncluttered control panel approach.

- Cable free design
- Generously sized keyboards and touch screens
- Convenient table side location
- Neatly tuck away when not in use
- Available on both sides of the table



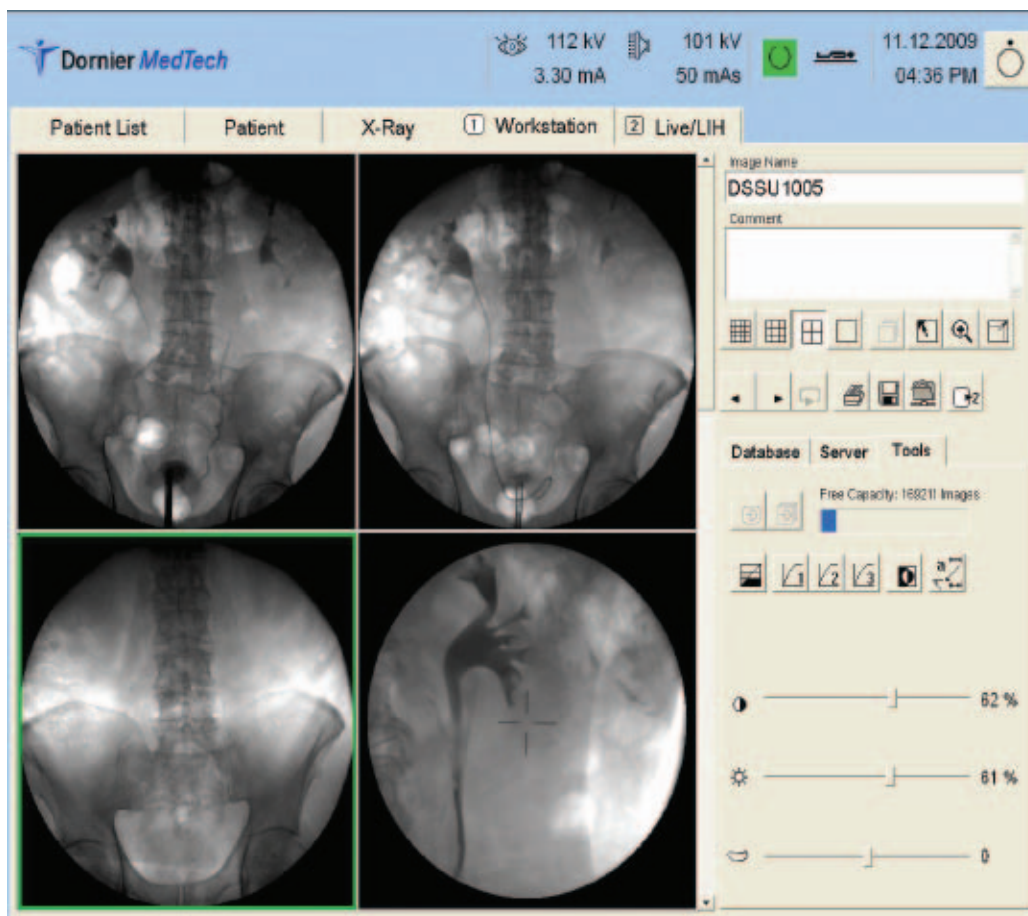
Easy-Access Connections

Providing convenient connection for accessory devices, including ECG, the side mounted easy-access panel is ideally located.



Dornier *Gemini*

UIMS *Urology Information Management System*



Interactive & Accessible

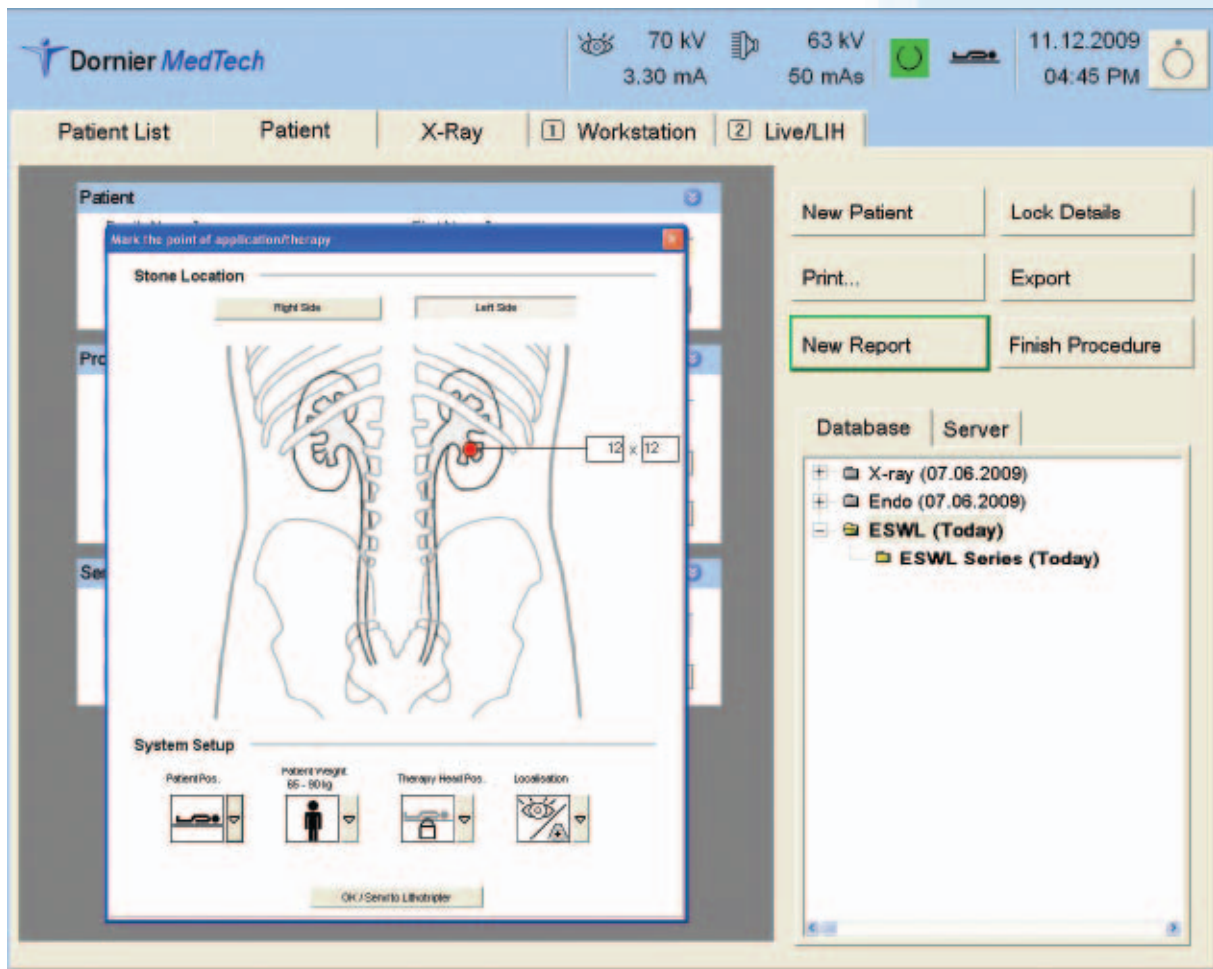
Developed by Dornier, UIMS is a high performance, comprehensive, and user friendly system for all of your networking and data management needs.

- Patient data management with configurable treatment report and automatic inclusion of the treatment parameters
- Extensive image processing and printing functions
- Local database with large storage capacity
- Connection to PACS networks with comprehensive DICOM services: Worklist, MPPS, and Query & Retrieve, Store and Print



System Guided Navigation

Integral to the Dornier *Gemini* is a simple point-and-click navigation system. Basic entry of the patient's stone findings, treatment location, weight, shockwave positioning and imaging for planned treatment initiates the fully automatic step-by-step process. Activation of the "Pos" button starts the sequence of instructions. Alternatively, the navigation system can be turned off allowing complete manual control.





WE'RE ALL ABOUT PEOPLE.

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