



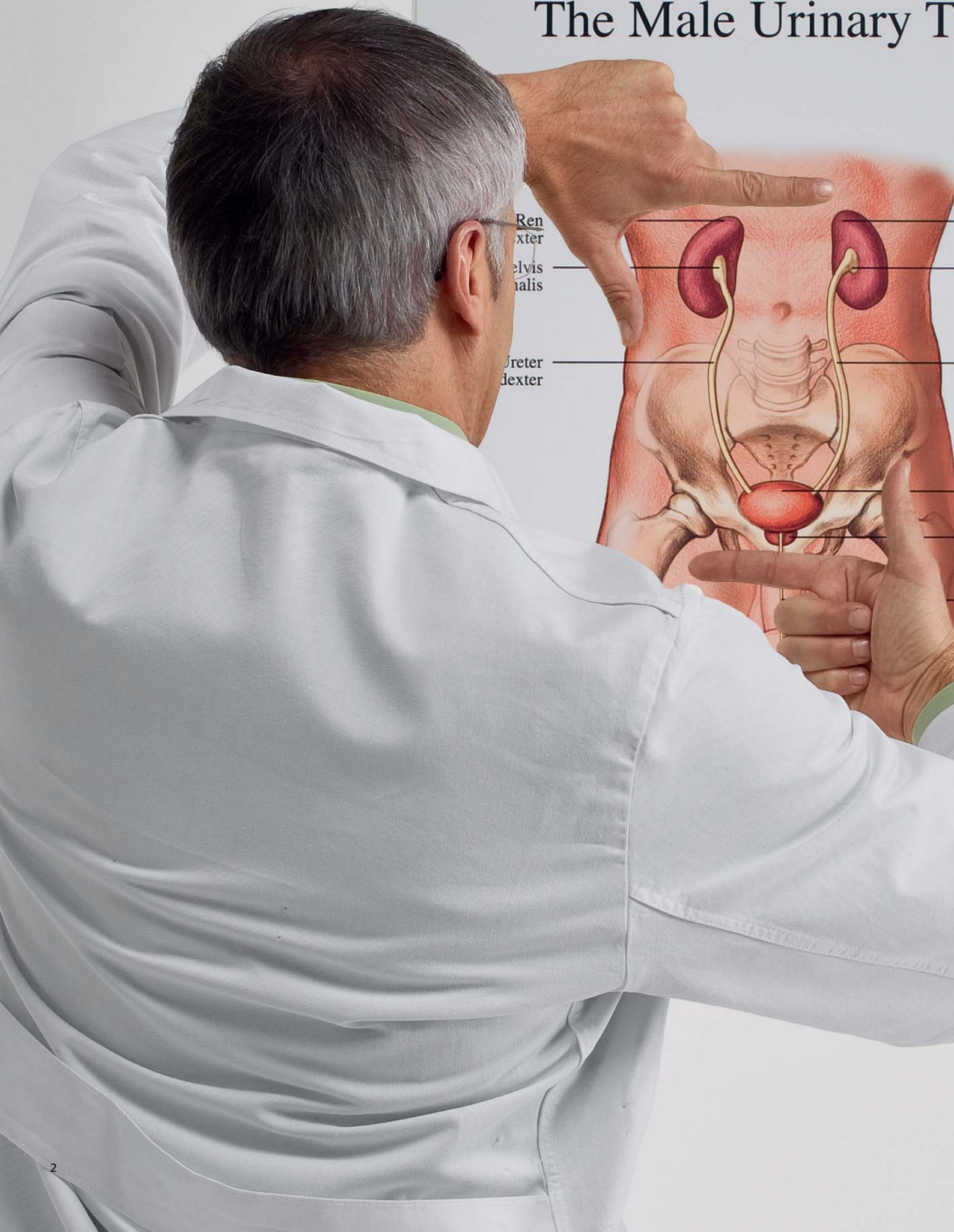
# See the big picture in urology

UROSKOP Omnia

[www.siemens.com/omnia](http://www.siemens.com/omnia)

**SIEMENS**

# The Male Urinary T



Ren  
xter  
elvis  
nalis

reter  
dexter

ract

Ren sinister  
Pelvis renalis  
Ureter sinister  
Vesica urinaria  
Prostata  
Urethra masculina

## How can I get real KUB in one shot?

**The answer is simple: with the new UROSKOP Omnia.**

Thanks to the 43 cm x 43 cm (17 inch x 17 inch) dynamic flat detector technology with a large field-of-view, UROSKOP Omnia allows you to cover the entire KUB tract with one shot.

For you this can translate into real time savings during an exam and for your patients this usually means less dose and faster examination. Together with exceptional image quality and the ability to zoom into the fine details without the need of digital interpolation, UROSKOP Omnia can help you to increase your diagnostic and therapeutic confidence, every single day.

Truly unrestricted patient access from all four sides, excellent interfacing with other modalities and easily adjustable table height make UROSKOP Omnia the solution for your daily challenges in the operation room.

[www.siemens.com/omnia](http://www.siemens.com/omnia)

# UROSKOP O

## Exceptional image quality and resolution

Take only one shot to cover the entire KUB tract – and still see the details.

### Cover the entire KUB with one shot

In the past, you had to acquire, combine, and read two images in order to cover the entire KUB area. All you need from now on is one single shot. Thanks to the dynamic flat detector of 43 cm x 43 cm (17 inch x 17 inch) and the large field-of-view of UROSKOP Omnia. For you, this can translate into real time savings. And for your patients it usually means less dose – because only one exposure is required.

### See details in better quality

The dynamic flat detector of UROSKOP Omnia has more than 2800 x 2800 pixels. So you can experience exceptional image quality, without compromise. Zoom into clinical images without the need of digital interpolation – and see fine details, without reducing quality.

#### Less time

Acquire and read only one image

#### Better view

See details with exceptional quality

#### Improved care

Only one exposure means less dose

#### Reduced costs

No cassettes or film needed

# mnia



Intravenous pyelogram (IVP)

# UROSKOP Omni

Exceptional image quality and resolution



Percutaneous nephrostomy (PCN)



Double-J stent insertion



Ureterorenoscopy (URS)



Retrograde pyelography

“As an endourologist, I am convinced by the technical innovation and working ergonomics of UROSKOP Omnia.

The possibilities of working without having to reposition the patient and of imaging the entire urinary tract with one single exposure with excellent image resolution have been ideally implemented in this interventional workstation.

Free access to the patient, individually adjustable table height and intelligent table movements are further features that make working with UROSKOP Omnia easy and convenient. In addition, patient comfort is increased while examination time is reduced.”

Dr. Michael Straub, Managing Senior Physician,  
Department of Urology, Technische Universität München,  
Klinikum rechts der Isar, Munich, Germany

# UROSKOP Omnia

## Truly unrestricted patient access

**Experience free patient access from all four sides of the table – and an unobstructed view of images from every working position.**

### **Position patients only once**

A curved X-ray column – the idea is so simple, and still ingenious. Because thanks to its intelligent design, UROSKOP Omnia offers you truly unrestricted patient access from all four sides. The big plus: Regardless of the type of examination, you do not have to reposition your patient – and the anesthesiologist does not have to change the working position. And no repositioning means time savings for you and minimized risk for your patients.



### **Have everything in view**

The spring-articulated swivel arm supports our philosophy of unrestricted patient access. It allows completely free positioning of the two high-resolution TFT color displays – in any direction. Simply and easily move the monitors where you need them. And have a clear and comfortable view of your images from any working position.



The symmetrical patient access gives you an ideal working position for both percutaneous and transurethral procedures

# nia

**Less time**  
No patient repositioning

**Improved care**  
Easier patient transfer and no repositioning

**Reduced costs**  
Cost-efficient room and infrastructure planning as anesthetic workplace stays in one spot



# UROSKOP Om

Excellent interfacing with



## Less time

Only one click to send images as a bundled package

## Better view

View images from different modalities side-by-side; see endoscopy images in HD

# nia

## endoscopy and ultrasound

**Benefit from excellent interface possibilities to endoscopy, ultrasound or urodynamic workstations – and even from true HD image quality.**

### View images in new quality

Introduce HD images into your examination room – via the HD VideoManager. By simply connecting your HD endoscopy camera, you can view endoscopy images in exceptional HD image quality.

### Get connected

The HD VideoManager provides easy Plug and Play interfaces to facilitate your work. You can connect your endoscopy or ultrasound equipment or connect a workstation or PACS viewer to display images from different modalities side-by-side with X-Ray or fluoroscopy. The HD VideoManager also interfaces with your video uro-dynamics workstation. What's more, the HD VideoManager offers additional output for extra monitors away from the system. E.g. in the control room or to additional ceiling boom mounted monitors.

### Archive images the simple way

With HD EndoStore, you can store endoscopy and ultrasound images together with X-rays in one patient file as DICOM images. Your benefit: All relevant images are filed together – and you can send them as a bundled package to your PACS with only one click.



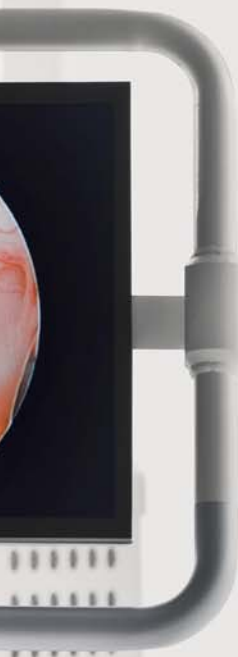
View live and reference images side-by-side ...



... or images from different modalities: e.g. ultrasound ...



... or multimodality images.





UROSKOP Omnia

# Imaging for a variety of clinical applications

Expand your clinical spectrum and offer your patients a greater number of clinical applications – even beyond urology.

## Provide a broad range of diagnostic and therapeutic examinations

UROSKOP Omnia is a highly flexible system that has been designed with your clinical workflow in mind. Thanks to its open design, exceptional image quality, unique connectivity, and broad portfolio of accessories, you can perform a variety of clinical applications – for example:

- Transurethral procedures
- Percutaneous urologic procedures
- Diagnostic urologic procedures
- Video urodynamic procedures (VUCG), micturition cystourethrogram (MCU)
- Laparoscopic procedures
- Urologic pediatric procedures
- Non urologic procedures, e.g. ERCP (endoscopic retrograde cholangiopancreatography)



One system – various applications, e.g.:

Overview imaging (KUB), intravenous pyelogram (IVP), retrograde pyelography



Ureterorenoscopy (URS), double-J stent insertion, cystoscopy, transurethral resection of bladder tumor (TURB) or transurethral resection of prostate (TURP)



Video urodynamic procedure (VUCG), micturition cystourethrogram (MCU)

UROSKOP Omnia

# Easily programmable table height

All it takes is the push of a button – and the table automatically changes from the ideal patient transfer position to your preferred working position.

One push of a button, and the system moves to your preconfigured working position



Adjust the table height quickly and easily

At the beginning of every examination, the patient has to be transferred onto the table. Then, the table height has to be adjusted to your ideal working position. UROSKOP Omnia makes your workflow simpler and more convenient for you – by offering two buttons that can be configured individually for these two standard positions.

Everything under control – thanks to intuitive symbols



Simply select a standard table height for transferring patients onto the table – as well as for your preferred working position. Then, all you have to do is push one single button – and UROSKOP Omnia will automatically adjust the height and position of the table, the position of the X-ray tube as well as the table tilt. Another big plus: As each button has an intuitive symbol, the operation of the system is simple.

Transferring immobile patients made easy: perform an ergonomic transfer of the patient





### **Increase patient convenience**

The advanced table of UROSKOP Omnia also provides increased patient convenience. You can lower the table further to facilitate easier and ergonomic patient transfer, benefitting both patient and staff.

During urodynamic procedures, patients can keep their feet on the ground when sitting on the micturition seat – allowing for a comfortable sitting position. What’s more, the footboard is so close to the floor that even less mobile patients can easily step on it.



UROSKOP Omnia

# Enjoy ergonomic controls and system handling

Handle your system with ease – thanks to intuitive controls that create a smooth clinical workflow.

## Operate the system with ease

UROSKOP Omnia offers intuitive controls right at your fingertips. Whether with its hand-held control or the multifunctional footswitch – UROSKOP Omnia makes operation of the system functions simple: clear, easy, intuitive. Because we want you to concentrate on what really matters – your patient.



The multifunctional footswitch offers easy handling: one foot control is used for both the table and the X-ray column

## Benefit from intelligent table movements

In your daily routine, you will appreciate an intelligent system that helps smooth your workflow and reduces your work steps. UROSKOP Omnia comes with an X-ray tube and detector that move synchronously. So you can change your field-of-view or virtually expand it – without having to move the table or your patient. As the table offers an ergonomic Trendelenburg tilt of  $\pm 15^\circ$ , you can work in a constant working height. It pivots around the perineal end of the table instead of its center. In addition, it automatically stops when in horizontal position ( $0^\circ$ ) and in  $\pm 15^\circ$ .



UROSKOP Omnia's hand-held control features large intuitive symbols for remote operation of all system and imaging functions

## Provide special examinations for smaller patients

Easily and quickly adapt UROSKOP Omnia to examine children or very slender adults. Simply move the grid into a parking position – motor-driven, with the push of a button.

UROSKOP Omnia

# Comprehensive workstation functionality

**Post-process your clinical images right away –  
directly at the system.**

## **Increase diagnostic confidence**

Enjoy full workstation functionality directly at your system – with the enhanced FLUOROSPOT Compact digital imaging system. Supported by comprehensive post-processing functions, you can make diagnosis right at the monitor. An intuitive user interface with *syngo* look and feel will lead you clearly and quickly through the individual work steps.

## **Benefit from comprehensive integration**

FLUOROSPOT Compact provides full DICOM functionalities. This enables you to integrate UROSKOP Omnia into your existing RIS and PACS. The big plus: You can easily store, send, and retrieve patient data and clinical studies done on the system. Or use the DICOM Worklist function. Of course, you can also import or export data via CD/DVD or USB and connect other devices such as a network printer. You see, with FLUOROSPOT Compact, you benefit from smart integration. So you have the important data where you need it – quickly.

## **The Siemens CARE initiative**

While always improving image quality, we are also committed to further reduce dose for both your patient and staff – with our unique CARE\* initiative. From pulsed fluoroscopy and automatic optimization of the exposure data to radiation-free positioning of the primary collimators, we have equipped our UROSKOP Omnia with our CARE features.

\*Combined Applications to Reduce Exposure (CARE), a Siemens initiative for dose reduction



# A smart investment and seamless support

**Receive healthcare solutions based on innovative technologies as well as tailored services from one source – Siemens.**

## **A partner at your side**

With Siemens, systems and services go hand in hand. In urology, state-of-the-art imaging systems play an increasingly important role in providing critical support. With the development of digital solutions, there is a greater need for seamless workflows – based on high operational security. That's why we developed our proactive service solutions that help you increase system availability, reliability, and workflow efficiency. We also support you with hands-on trainings, workshops, further education, and much more.

## **UPTIME Services Solving tomorrow's problems today**

As a proactive service provider, Siemens UPTIME Services focuses on real-time remote monitoring and preventive maintenance of medical hardware and software. That's how we solve problems before they occur, thus enabling increased system availability, optimized performance and workflow efficiency. To keep you on track to success – now and in the future.

## **Siemens Performance Plans – tailored to meet your specific needs**

Service and maintenance are highly important to prevent unscheduled downtimes and thus to improve your workflow. Siemens Performance Plans are designed to help you run your operations smoothly – with predictable costs, less risk, and higher efficiency. Different needs call for individual service agreements. Simply choose between a Performance Plan TOP, PLUS or PRO agreement. In combination with the optional modules, you'll receive a solution that best fits your requirements and delivers substantial benefits to you.

## **Capitalize on a new dimension in system support**

Siemens Remote Service is the efficient and comprehensive infrastructure for the complete spectrum of medical-equipment-related remote services. Services that formerly required on-site visits are now available via data transfer. This includes rapid error identification as well as immediate remote repair. But that's not all. By proactively monitoring your systems, we can detect parameter deviations before problems occur.



UROSKOP Omnia

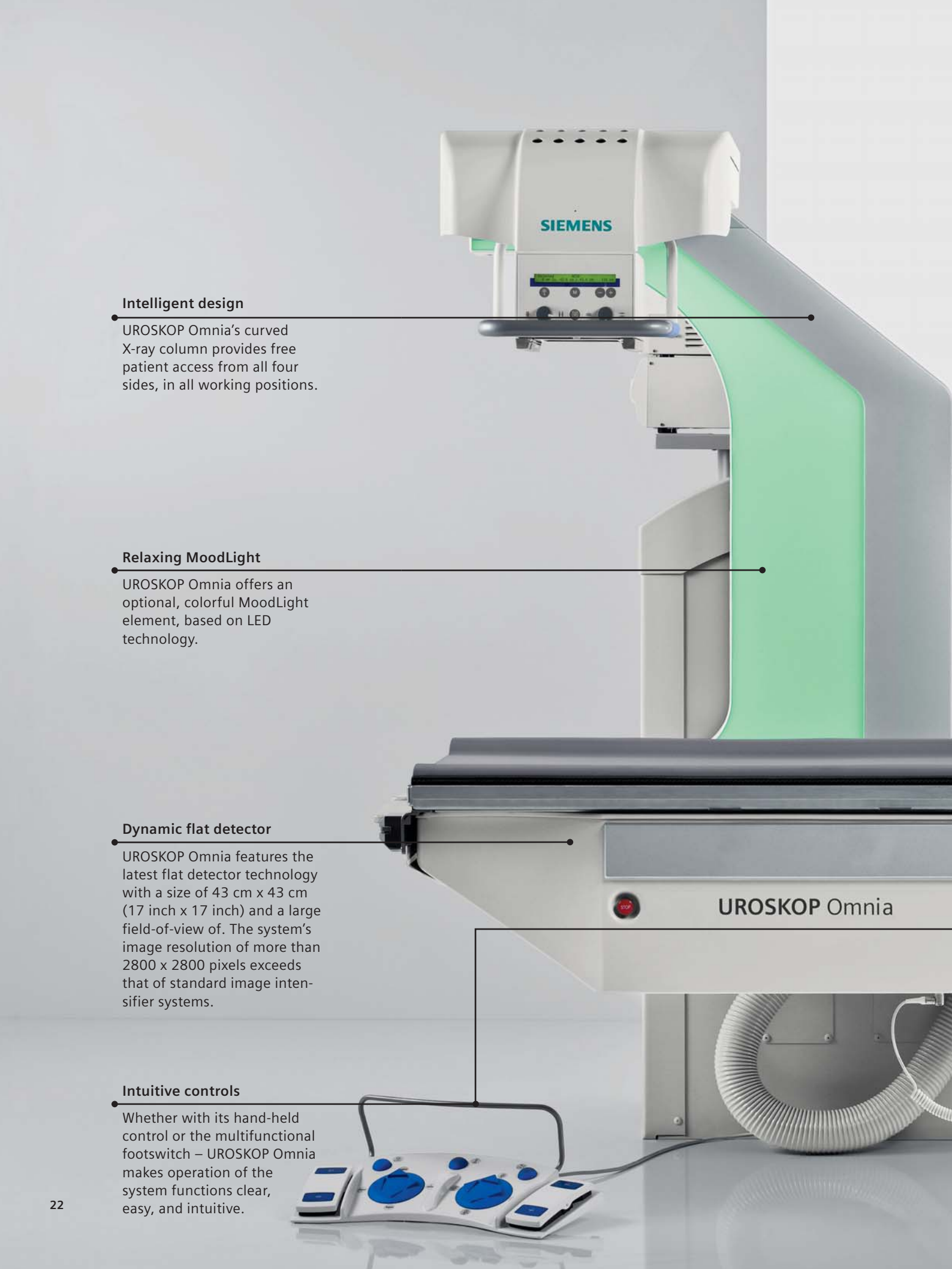
## Relaxing MoodLight

Create a relaxing atmosphere – and support the well-being of your patients.



### Help patients relax

With light and color elements, you can create a relaxing atmosphere – and help reduce the nervousness and fears of patients. This is why UROSKOP Omnia offers an optional, colorful MoodLight element, based on LED technology. You can choose from different colors and set the individual color preference of each patient. Or have the colors change in a smooth color transition. Helps patients and staff to maintain a relaxed atmosphere.



The image shows a Siemens UROSKOP Omnia X-ray machine. It features a curved X-ray column, a flat detector, and a control console. The machine is white and grey, with a green LED light strip on the column. The Siemens logo is visible on the top of the column. The flat detector is labeled 'UROSKOP Omnia' and has a red stop button. The control console has several blue buttons and a footswitch.

### Intelligent design

UROSKOP Omnia's curved X-ray column provides free patient access from all four sides, in all working positions.

### Relaxing MoodLight

UROSKOP Omnia offers an optional, colorful MoodLight element, based on LED technology.

### Dynamic flat detector

UROSKOP Omnia features the latest flat detector technology with a size of 43 cm x 43 cm (17 inch x 17 inch) and a large field-of-view of. The system's image resolution of more than 2800 x 2800 pixels exceeds that of standard image intensifier systems.

### Intuitive controls

Whether with its hand-held control or the multifunctional footswitch – UROSKOP Omnia makes operation of the system functions clear, easy, and intuitive.

**Spring-articulated swivel arm with two TFT color monitors**

Get a clear view on X-ray live and reference, fluoroscopy, HD endoscopy or ultrasound images. You can view images from different modalities side-by-side.



**HD endoscopy**

UROSKOP Omnia's HD Video-Manager is compatible with HD endoscopy systems and can display true HD image quality.

**Real KUB in one shot**

The fully digital UROSKOP Omnia requires only one shot and one image for a complete KUB view – with exceptional image quality and resolution.

# UROSKOP Omnia

## See the big picture in urology

**Discover a whole new experience of urology and patient care**

Dynamic flat detector technology with a large field-of-view, truly unrestricted patient access, excellent interfacing with other modalities. Find out how these and other features can increase your diagnostic and therapeutic confidence in urology, every single day.

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[www.siemens.com/medical-accessories](http://www.siemens.com/medical-accessories)

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