

AXIOM Iconos R200

Designed for universal applications

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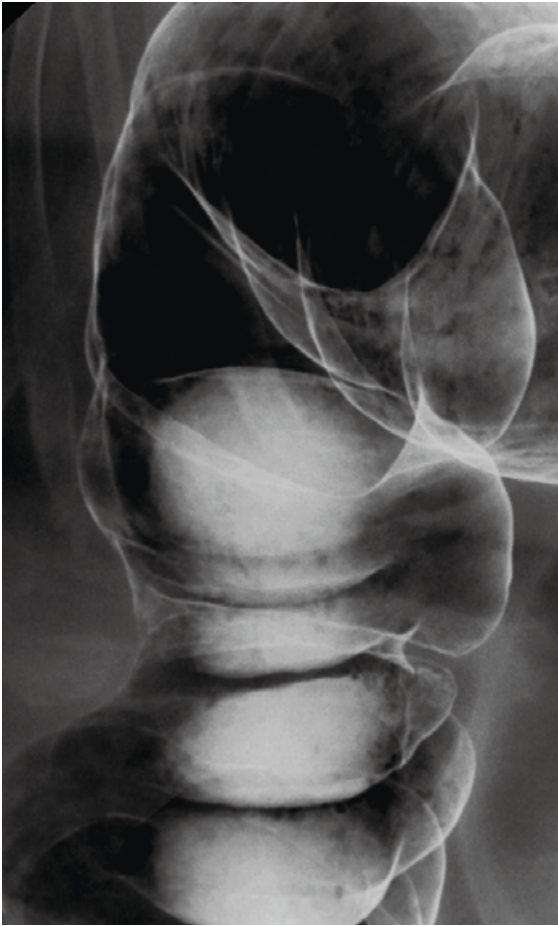
AXIOM Iconos R200

The flexible remote-controlled fluoroscopy system

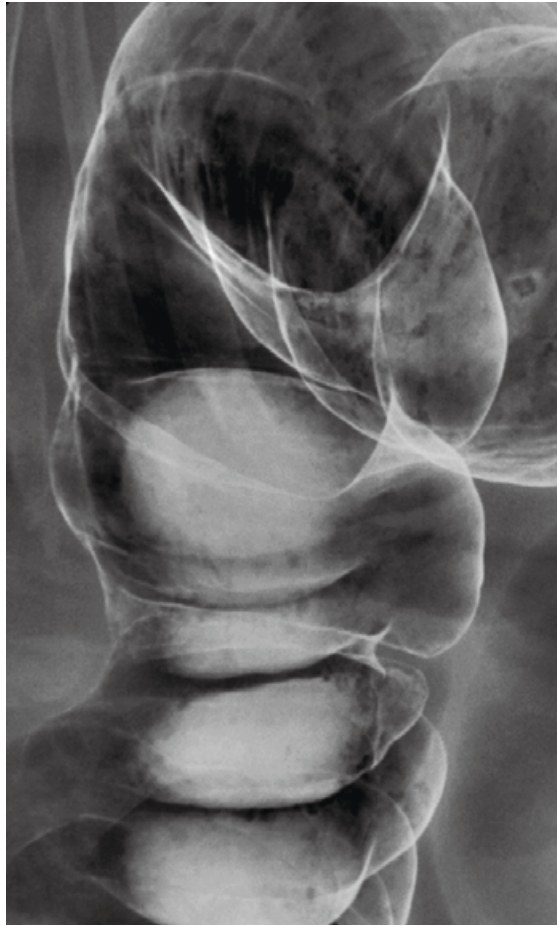
The AXIOM Iconos R200 optimizes your workflow in the fluoroscopy suite. As a highly flexible R/F solution for universal applications, this remote-controlled overtable fluoroscopy system is an ideal choice for hospitals as well as private practices. One that seamlessly integrates itself into the hospital network and clinical environment. As such, the AXIOM Iconos R200 can greatly enhance the efficiency of your R/F examinations – and thus the quality of your patient care.



Without DDO

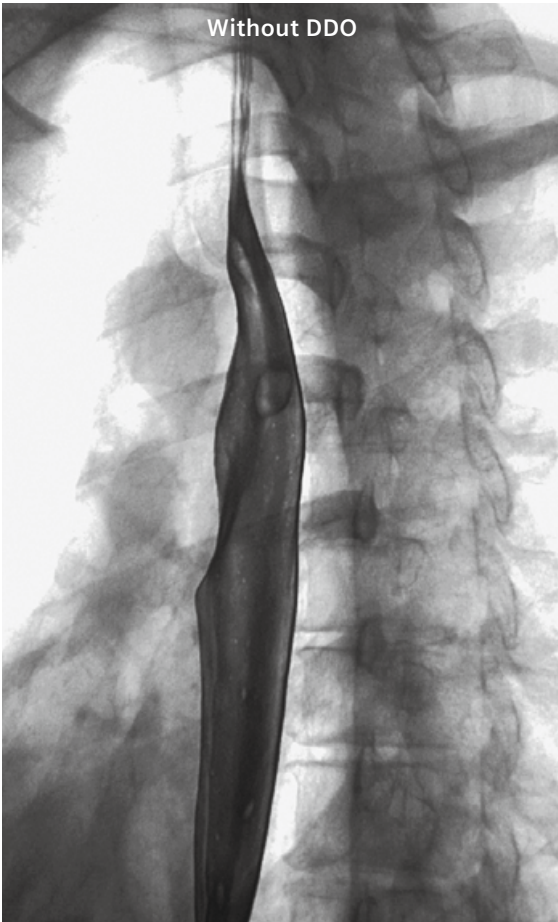


With DDO

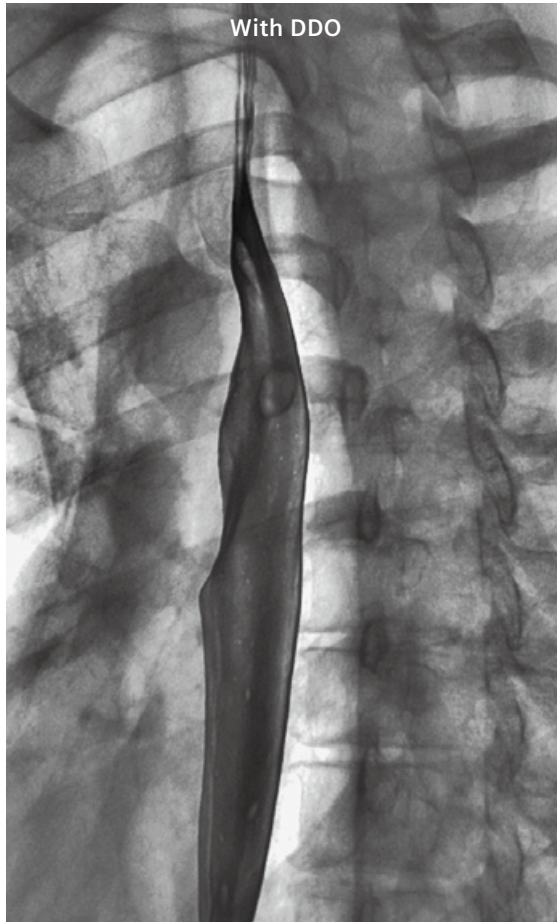


DDO (Digital Density Optimization) improves image contrast for critical regions by further enhancing detail recognition

Without DDO



With DDO



Excellent digital image quality provides more detail information during examinations, even with exposures of skeletal structures and the spinal column

Excellent diagnostic support

Image quality is the most important factor for accurate diagnoses. With its advanced functionalities, the AXIOM Iconos R200 offers you excellent support for your decision-making.

Optimized parameters from the start

Tailored organ programs provide optimized image quality. Select the parameters for your specific examination with one simple mouse click.

Consistent image quality with SDM

With selective dominant measurement (SDM), each object is optimally exposed, whether it is at the center of the image or not.

Superb detail resolution

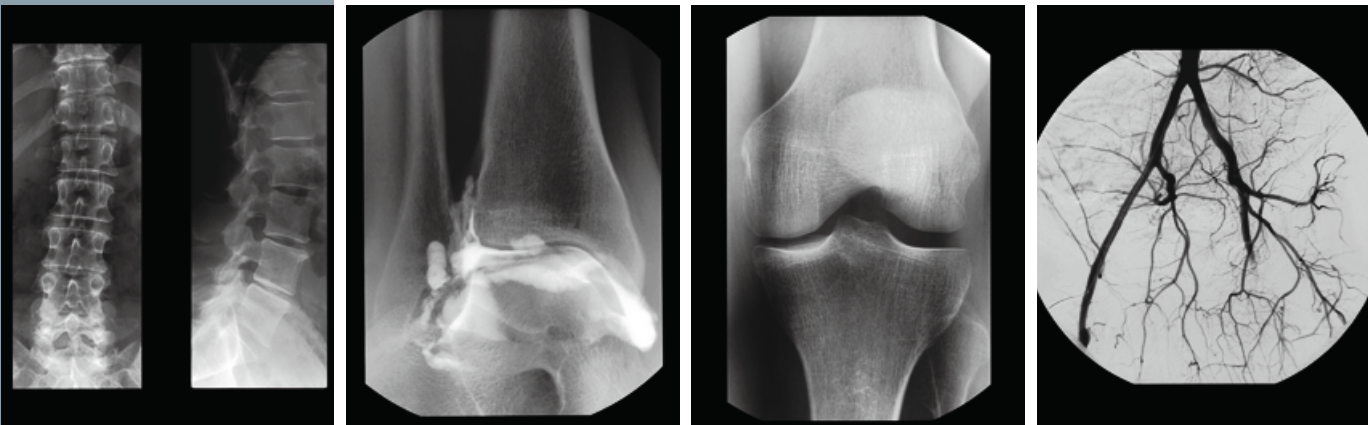
Fine details are clearly visible thanks to the high-resolution TV camera with its true 1k² matrix and the FLUOROSPOT Compact high-resolution digital imaging system.

More information for critical regions: DDO*

This organ-programmable post-processing function enhances contrast in critical imaging regions to offer even greater detail recognition.

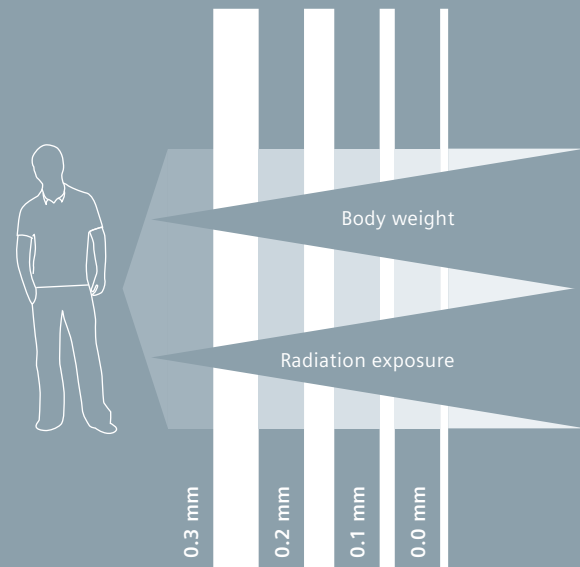
* Option

Optional DSA functionalities and software such as re-mask, pixel-shift, landmark and roadmapping allow you to further expand your examinations range





CAREFILTER – copper prefilters that reduce body entrance dose by filtering out low energy radiation not relevant to the image.



	100% radiation
+ CAREVISION	
+ CAREFILTER	
+ CAREPROFILE	
+ CAREPOSITION	

Potential dose reductions of up to 99%

Our CARE program comprises various radiation protection functions that, when combined, can reduce dose by as much as 99% ¹⁾.

1) Data on file. Results may vary.

Maximum dose reduction and image quality

Our comprehensive radiation reduction program CARE is designed to keep radiation exposure levels for patients and users as low as possible without compromising the quality of the image.

CAREFILTER:
automatic copper prefiltration

Reduction of the patient entrance dose through automatic selection of copper prefiltrers.

CAREMATIC:
automatic exposure parameter optimization

Automatic exposure parameter control during fluoroscopy based on fluoro data, body region and examination.

CAREWATCH:
continuous dose monitoring

Real-time updates of all relevant dose information and selected copper prefiltration on the imaging system's display monitor.

CAREVISION*:
pulsed fluoroscopy

Freely selecting between pulse rates of 3, 7.5 or 15 pulses per second is an especially effective way to reach lower dose levels for time-intensive examinations and for fast moving objects and organs.

CAREPROFILE*:
radiation-free adjustment of semitransparent wedge filters*

CAREPROFILE enables radiation-free collimator and semitransparent wedge filter adjustment using the last image hold (LIH) as a reference.

CAREPOSITION*:
radiation-free patient positioning

Also using the LIH, CAREPOSITION allows radiation-free patient positioning – quickly and precisely.

Fluoro Loop*:

Dose saving diagnosis e.g. for pediatrics by using stored fluoroscopy sequence instead of serial acquisition.

* Option



CAREPROFILE:
radiation-free collimation via graphic display of the collimator and semitransparent filter position

Ease of use and ergonomic design

Ease of use in fluoroscopy systems means fast, flexible operation and ergonomic design.

The result: enhanced workflow for increased examination efficiency.

Ease of use from the start

With the push of a single button, the tabletop and image receptor move into the ideal patient transfer position.

All-around patient access

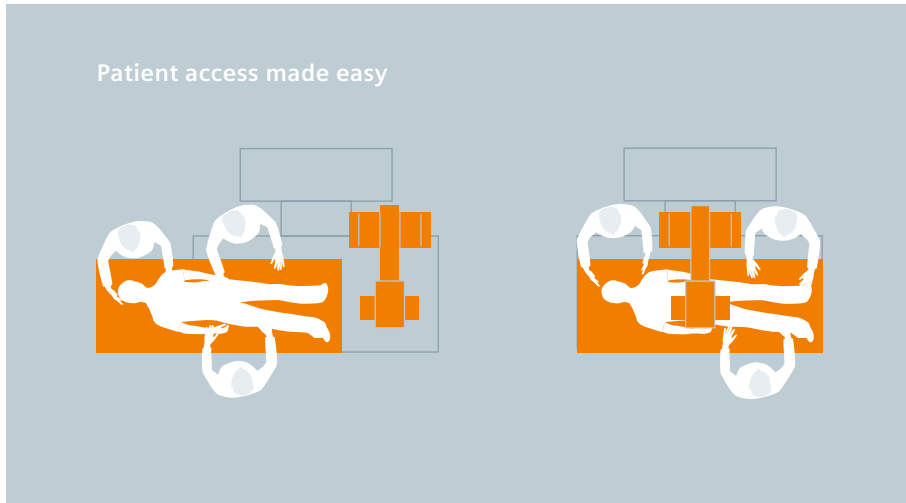
The open table design offers great patient access, even from the back, for convenient patient positioning or transfer from a stretcher.

Head-to-toe coverage

With the combined movements of the 8-way tabletop and image receptor, patient repositioning is virtually unnecessary, providing great patient coverage.

Easy cassette operation

The automatic spotfilm device* makes cassette operation easier than ever with automatic sensing and fast cassette positioning.



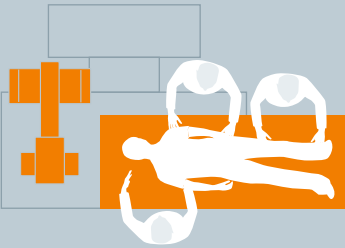
Remote and tableside control

Conveniently control all important system functions – either from the remote control console, directly at the patient with the comprehensive tableside controls, or with an optional mobile control console.

Fully digital workflow

Even digital lateral projections can be simply acquired. The image intensifier displays virtually immediately the result for an enhanced workflow.

Unrestricted patient access enables faster, more comfortable examinations



■ Moveable
□ Fixed



Intuitive and smooth workflow

AXIOM Iconos R200 forms a seamless fit with existing IT landscapes, greatly facilitating the overall workflow.

Clear, intuitive user interfaces

Workflow is made easy with the user-friendly FLUOROSPOT Compact digital imaging system, enabling acquisitions up to 8 f/s.

Quickly and conveniently register patients right at the system or get patient data via an HIS/RIS system.

Easy-to-understand menus and dialog-driven functions virtually guide you through the examination and include comprehensive post-processing functionalities.

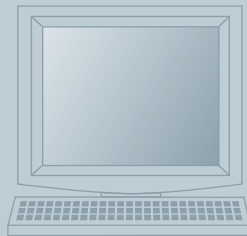
Optimum management of patient data

Thanks to its compliance with DICOM standards, the AXIOM Iconos R200 greatly smooths the clinical workflow for seamless integration into the clinical information system.

Send data directly to a workstation, an archive, a networked hard-copy camera, or simply create your own CD.



CD drive
DICOM Worklist/
MPPS*
DICOM Query
Retrieve*



FLUOROSPOT
Compact

DICOM Send/StC/Print
CD burner*
SVHS video output*
Connection to
• DICOM laser camera
• Paper printer*
Remote diagnosis
Security package*

Prior to the examination:

- Automatic patient data transfer via RIS*
- Optimized access to the patient, even from the back of the system
- Convenient patient positioning and easy system settings
- Fast examination start at the click of a button via the organ programs

Optimized connectivity with the FLUOROSPOT Compact imaging system



During the examination:

- Ergonomic system operation, remote or tableside
- Wide range of applications, including interventions
- Easy cassette change with fully automated spotfilm device

Diagnosis:

- Easy-to-use imaging system with virtually instant images allows for fast and accurate diagnosis
- Comprehensive post-processing functionalities right at the imaging system
- Expanded diagnostic options for special applications via the *syngo* MultiModality workstation

Reporting:

- Fast, examination-specific hard copy* documentation
- Faster transfer of diagnostic findings via DICOM 3 standard to the workstation or archive
- Space-saving and secure archiving* on CD with fast access

* Option

Cassette exposures with a VERTIX Bucky wall stand* either performed with the system tube or a 3D-TOP ceiling-mounted tube support*



With Peristepping*, evaluation of vascular flow from the pelvis to the feet can be analyzed using only one contrast medium injection and one acquisition program – while the patient remains stationary



Features such as parallax correction for angulated projections keep the object of interest centered in the field of view. When the system is tilted upright or the tomography mode* is selected, object centering is automatically maintained, reducing radiation and facilitating workflow.

Individualizing your system

Make the most of your fluoroscopy suite and customize the AXIOM Iconos R200 based on your individual preferences. Its digital capabilities and the wide range of system options make it an efficient and future-proof investment.

Modular design options

Available in three table variations, two large image intensifiers and two different generator powers, the AXIOM Iconos R200 can be customized for your individual requirements.

Designed for universal applications

Applications options range from general R/F procedures to special examinations such as myelography, venography and angiography, including DSA* and Peri-stepping*.

Scan technique for long image acquisition* for leg and spine as well as tomography* bring the radiographic functionality to the next level. Special accessories and system settings for pediatric applications are also available.

Multitasking with syngo MultiModality workplace

Combined with the syngo MultiModality workplace*, the AXIOM Iconos R200 further extends your diagnostic options with a variety of image reconstruction packages – and your workflow optimization capabilities. While reviewing exam results at the workplace, for example, the system can already be used for the next patient.

* Option



Not just an image monitoring station: the syngo MultiModality workplace* also includes image reconstruction packages* such as the complete spinal column and distal extremities (for orthopedic and angiography examinations). The increased versatility also improves efficiency in your fluoroscopy room.

Life – our customer care solution

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... skills:

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... productivity:

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... technology:

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For more information about Life, go to:
www.siemens.com/life



AXIOM Iconos R200



Modular remote-controlled fluoroscopy system designed for universal applications

Imaging excellence

- Superb detail recognition
- Contrast enhancement in critical regions
- Optimized dose reduction

Enhanced workflow

- Ergonomic design
- Intuitive user interfaces
- Optimum data management

Investment confidence

- Modular system design
- Broad applications range
- Life customer care program

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