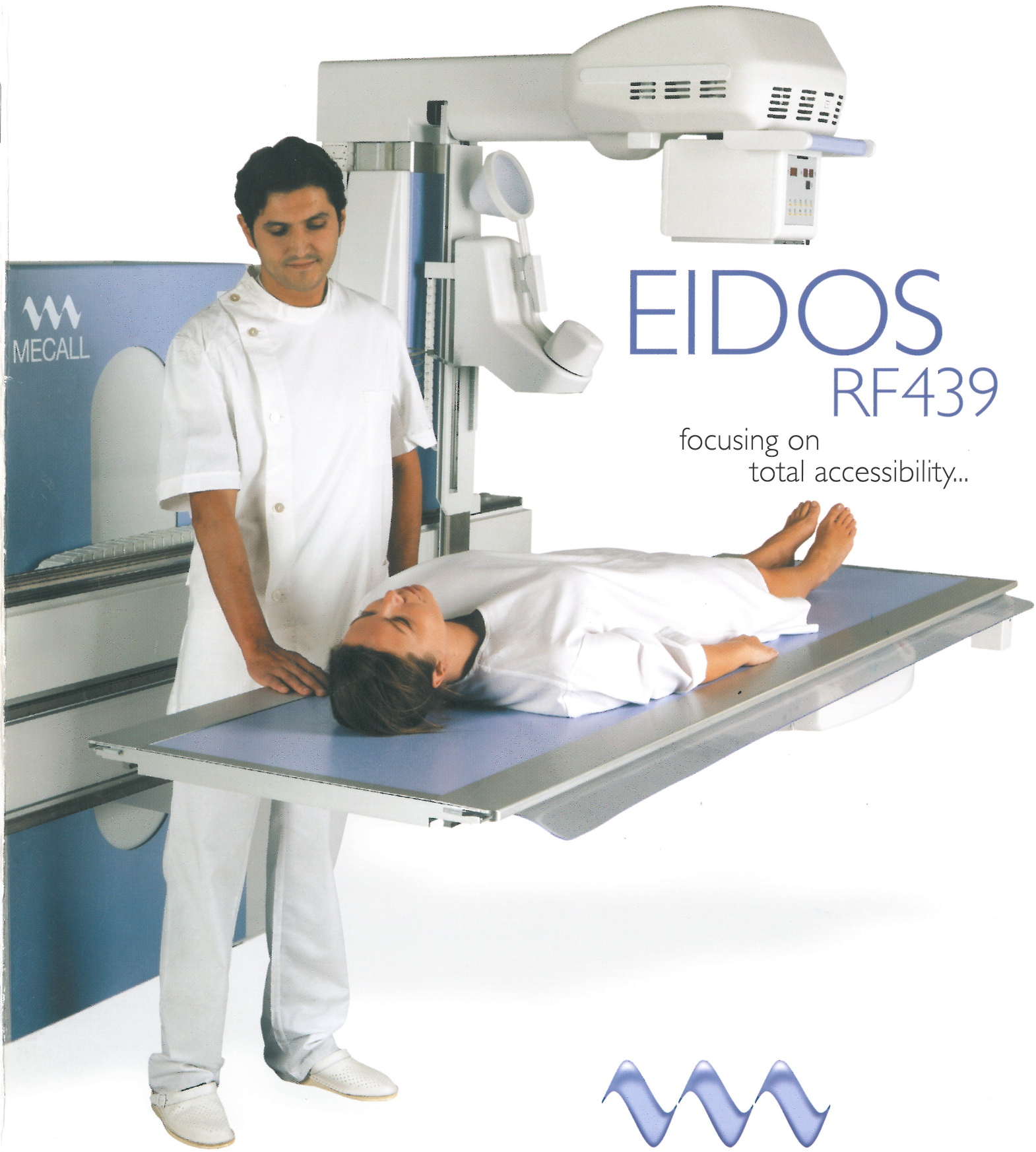


EIDOS
RF439

focusing on
total accessibility...

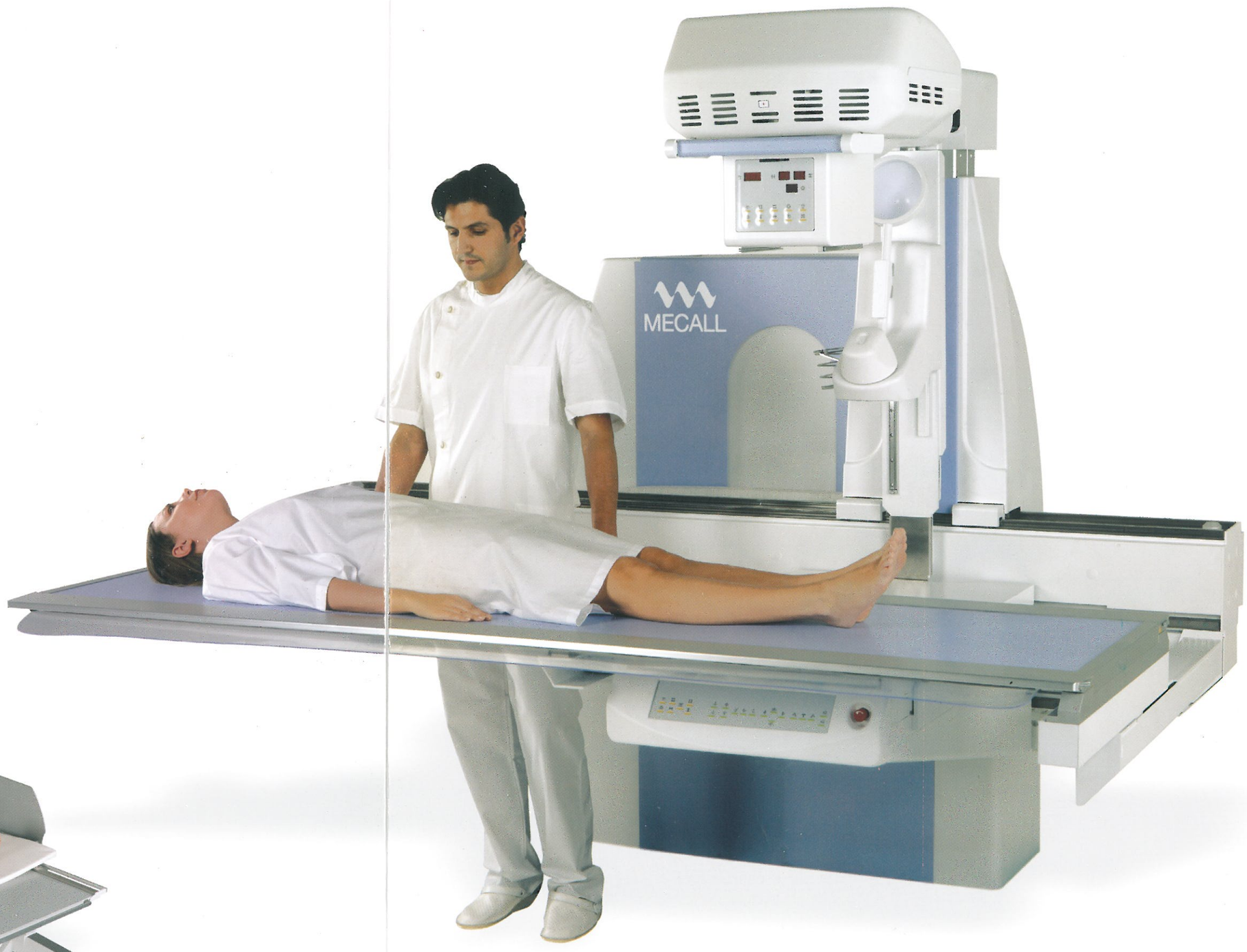
MECALL

EIDOS
RF439

Accessibility

The total accessibility
offered by the EIDOS RF439 table
allows the operator to comfortably
and easily position the patient.

The rear access to patients
simplifies the transfer from/to the stretchers
ensuring an immediate intervention
also in emergency applications.

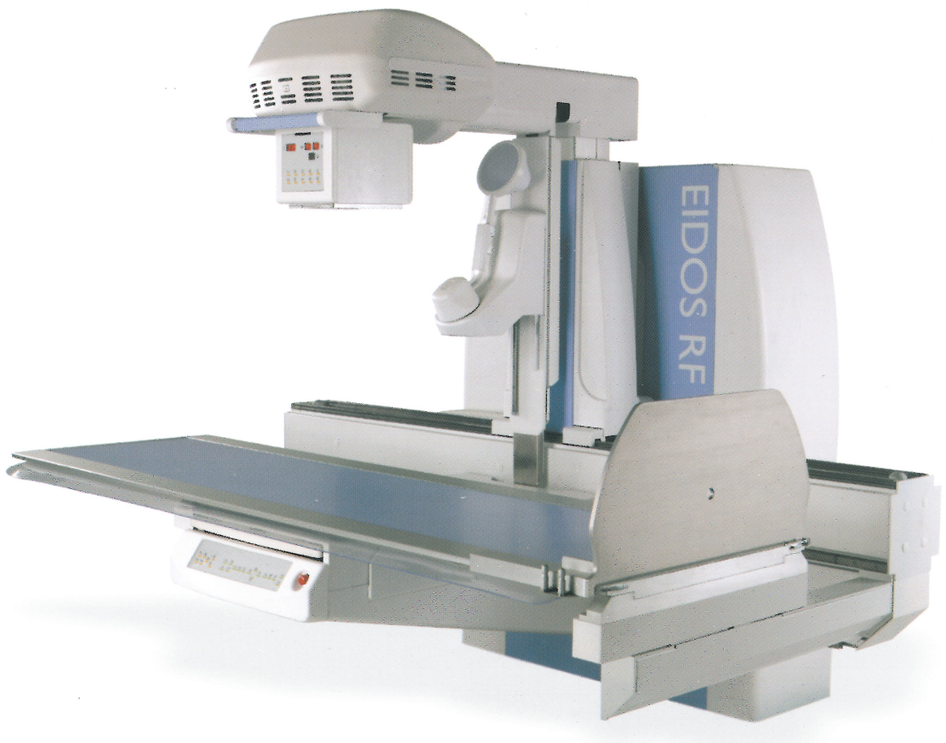


EIDOS
RF439

Synthesis of technology, functionality and design

90/90 remote tilting system
with elevation movement
independent from the table tilting
and single end suspended-
carbon fiber tabletop.

The tabletop can be lowered
up to 50 cm from the floor.



A wide range of applications

- Skeletal examinations
- Automatic image reconstruction of spine and lower limbs
- Chest studies
- Tomography
- Urogenital studies
- Lymphography & myelography
- Upper GI including oesophagus, barium swallow, upper GI series and small bowel series
- Lower GI including barium enema
- Interventional radiology
- E.R.C.P.
- Vascular procedures

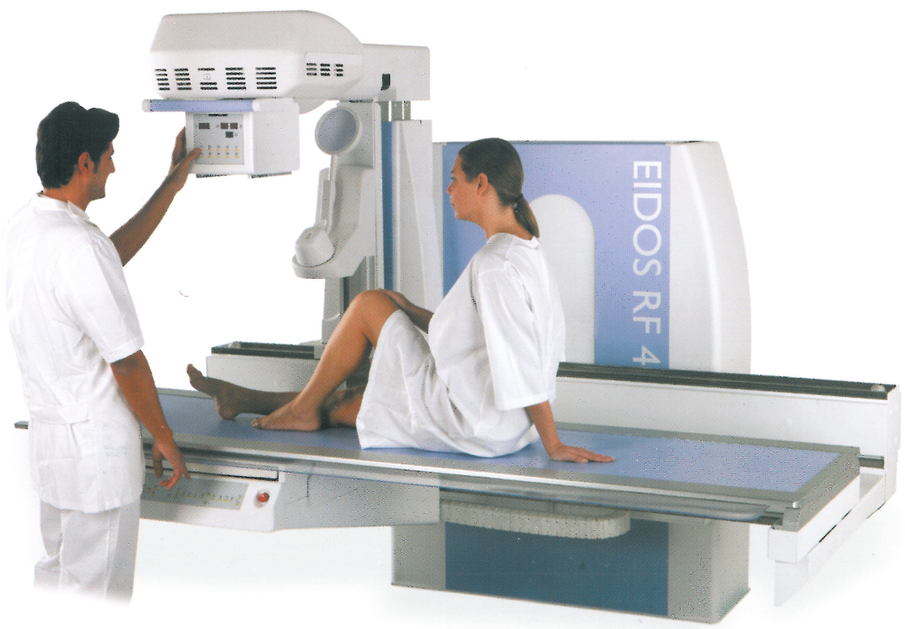
EIDOS
RF439

A multifunctional unit

Flexibility

The FFD can be stepless adjusted
from 115 to 180 cm,
thus allowing the execution
of chest exposures.

The wide travel of the tube/detector assembly allows a patient full-length coverage over 200 cm both in the vertical and the horizontal positions. The operator can freely position the footrest along the entire tabletop length.



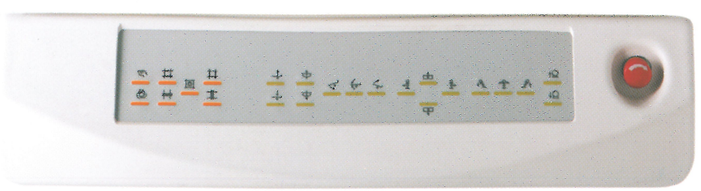
Utmost versatility

The versatility of the EIDOS RF439
allows the execution
of continuous and pulsed fluoroscopy,
high resolution digital spot exposures,
tomography, spine and lower limbs
automatic image stitching.

Ergonomics

The table side console,
located at the SFD front side,
allows full control of the table
and the automatic collimator functions.

The operator remote console
integrates the tilting table controls
as well as the generator
and image processor ones.



EIDOS
RF439

Perfect image quality
at low dose

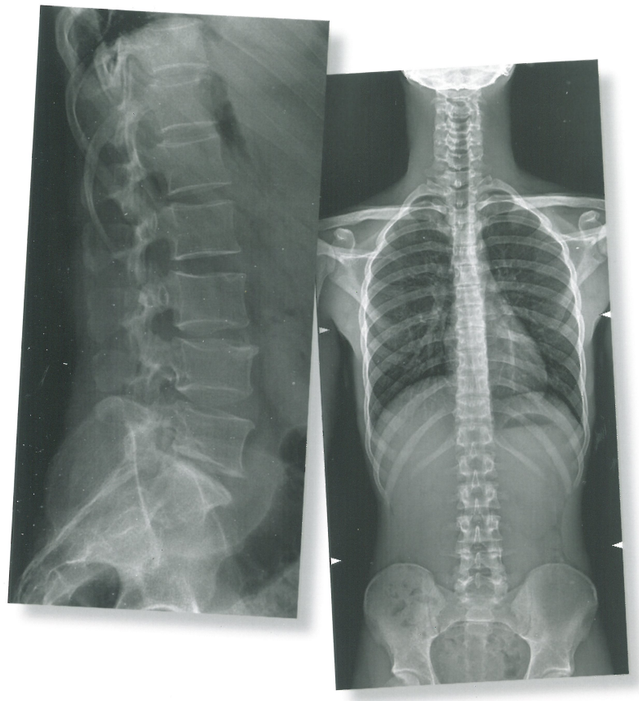
The EIDOS RF439 system integrates
the most sophisticated technical solutions
to optimize image quality
and provide consistent dose reduction.

- Pixium RF4343 flat panel detector,
  43 x 43 cm useful area;
  HighDQE and 3.4 pl/mm spatial resolution
- Easy removable carbon fiber grid with autofocusing device
- A powerful anatomical programming
  by means of which the operator
  can set optimized exposure factors,
  dimensions of the irradiated area,
  beam hardening filters
  and exam specific real time processing algorithms
- Fully integrated AEC device allowing the operator
  to define a specific dose level
  for each anatomical program
  and each patient size
- Integrated DAP system
  with automatic patient dosimetry management
- Single end suspended-carbon fiber tabletop;
  Maximum patient weight 180 Kg
  without any operational limitation

- Increased workflow
  and reduced waiting time for the patients
- Patented grid autofocusing device
  that simplifies the system operation
  and ensures image constant quality
- Minimum tabletop to floor distance
  of only 50 cm
- Exam specific image processing algorithms
  automatically elaborate the data received
  from the detector and display
  an already optimized image
  almost in real time
- Perfect integration
  into the RIS /PACS network
  thanks to its powerful
  Dicom-3 interface module

EIDOS
RF439

Comfort for the patient
and for the staff

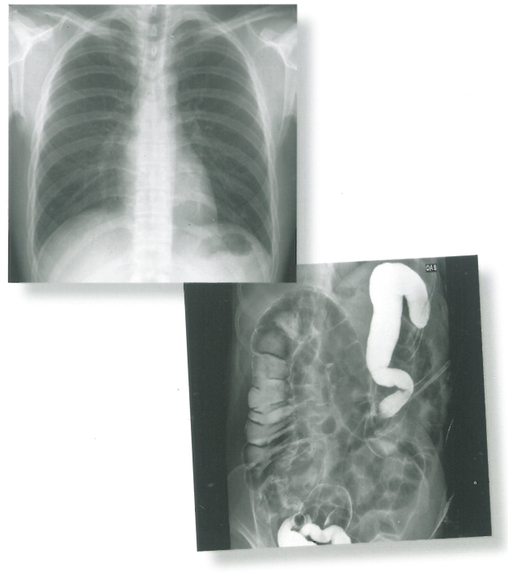


ATH
Anatomical
Tissue Harmonization

- Great flexibility in adapting
  the image processing
  to the specific anatomical region
- Noise free increased latitude
  without loss of detail constrast
- Images with inherent large latitude
  for chest, skull and lateral spine
  without noise amplification
  and edge artefacts

Wide operating modes

- Continuous fluoroscopy
  Nominal size: 960x960x14 bit 18 im/sec.
  Zoom1 (30x30 cm): 1024x1024x14 bit 15 fr/sec.
  Zoom2 (20x20 cm): 0.7Kx0.7Kx14 bit 30 fr/sec.
- Pulsed fluoroscopy
  Nominal size: 960x961x14 bit
  from 0.5 to 15 fr/sec.
  Zoom1 (30x30 cm): 1024x1024x14 bit
  from 0.5 to 15 fr/sec.
  Zoom2 (20x20 cm): 0.7Kx0.7Kx14 bit
  from 0.5 to 15 fr/sec.
- Spot mode
  HR mode (High Resolution): useful area 43x43 cm
  2880x2881x14 bit from 1 to 3 im/sec.
  HS mode (High Speed): useful area 43x43 cm
  1440x1440x14 bit from 1 to 8 im/sec.



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