

**Canon**



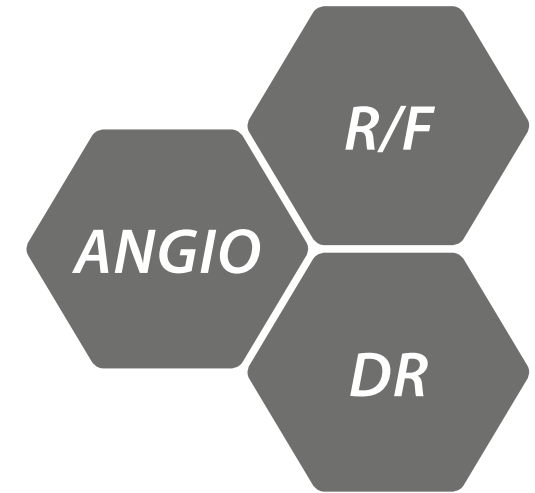
***Ultrimax-i***

The ultimate in  
clinical accommodation

Multipurpose FPD system

# Adapting to precisely meet your needs

Expand the capabilities of limited R/F room space with Ultimax™-i, making advanced imaging technology and diverse multipurpose imaging performance truly attainable. The system's efficient design opens up workspace, allowing for more complex procedures – without breaking down walls.





By combining the latest high-resolution FPD technology with advanced image stabilization and optimization techniques, Ultimax-i consistently provides sharp, clear images with low noise and high imaging contrast.

Advanced image quality

Multipurpose capability

Optimized patient dose

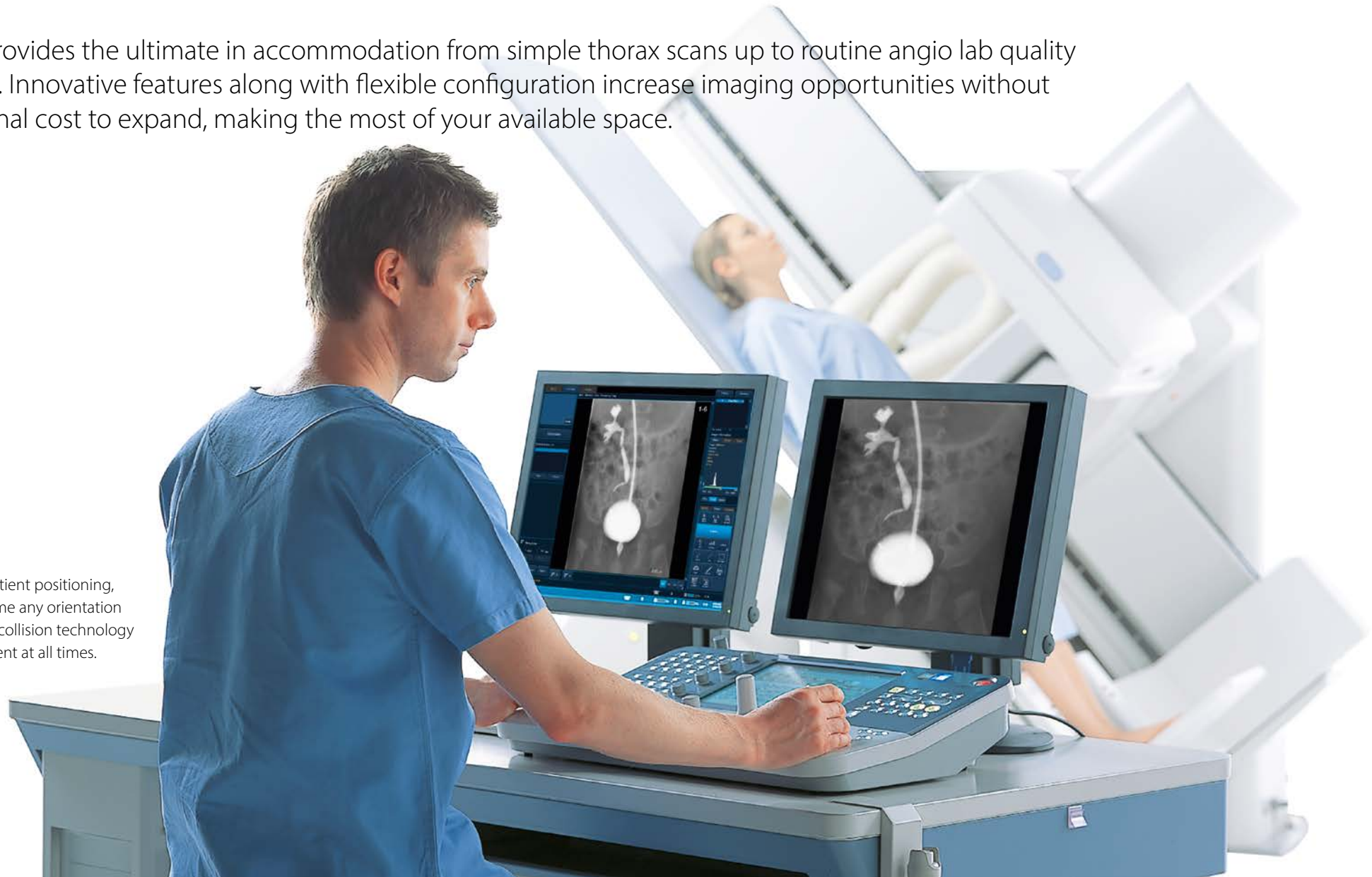
fast and precise  
diagnostics and  
treatment



# Improve your efficiency with streamlined workflow and outstanding patient access

Ultimax-i provides the ultimate in accommodation from simple thorax scans up to routine angio lab quality capabilities. Innovative features along with flexible configuration increase imaging opportunities without the additional cost to expand, making the most of your available space.

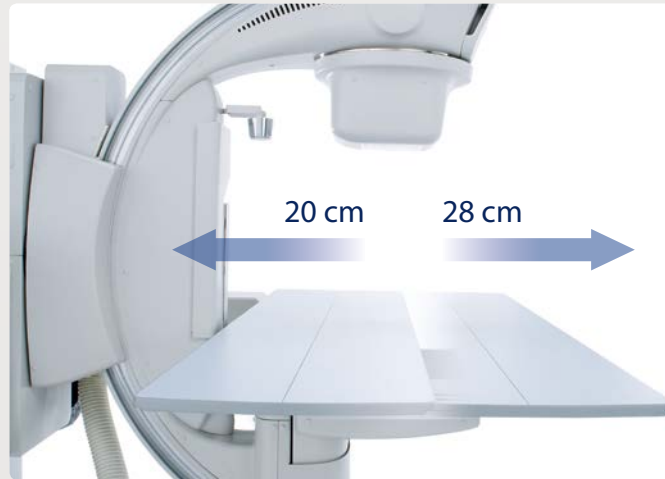
Following initial patient positioning, Ultimax-i can assume any orientation required with anti-collision technology to protect the patient at all times.





### Head-to-toe coverage

With a lateral table movement range of 163 cm and a 43 x 43 cm detector, the anatomical coverage of the system is in excess of two meters.



### Increased utilization

The system's wide, high-capacity table and extended transverse movement range allows you to accommodate a wide range of patients for safe and comfortable imaging.



### Touch panel

Ultimax-i's concise console with integrated touch screen enables easy operation and exposure condition setting.



### Tableside control

The optional in-room console is identical to the control room console. Depending on its position in the room, C-arm and image display are automatically coordinated.



For even greater clinical flexibility and efficiency, Ultimax-i can be combined with an additional, ceiling-suspended tube and vertical wall stand with wireless flat panel detector to support a wide range of general radiography examinations.

# Comfort and safety for patients and the medical team

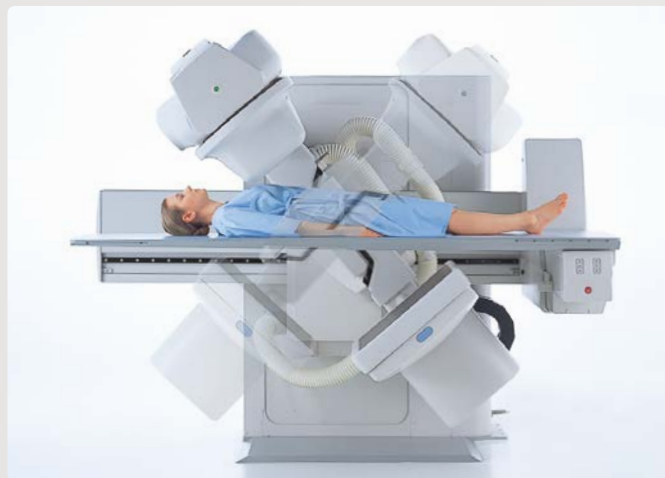
Putting patients at ease is key to a successful and smooth examination. Better access around the table ensures faster and more secure procedures. With a unique range of integrated capabilities, Ultimax-i helps you enhance productivity while improving patient care.



An optional tableside control can be mounted to facilitate patient positioning.



With Ultimax-i you'll achieve angles that only a C-arm-based system can. And while more positions means increased clinical versatility, the system allows you to let the C-arm work around your patient.

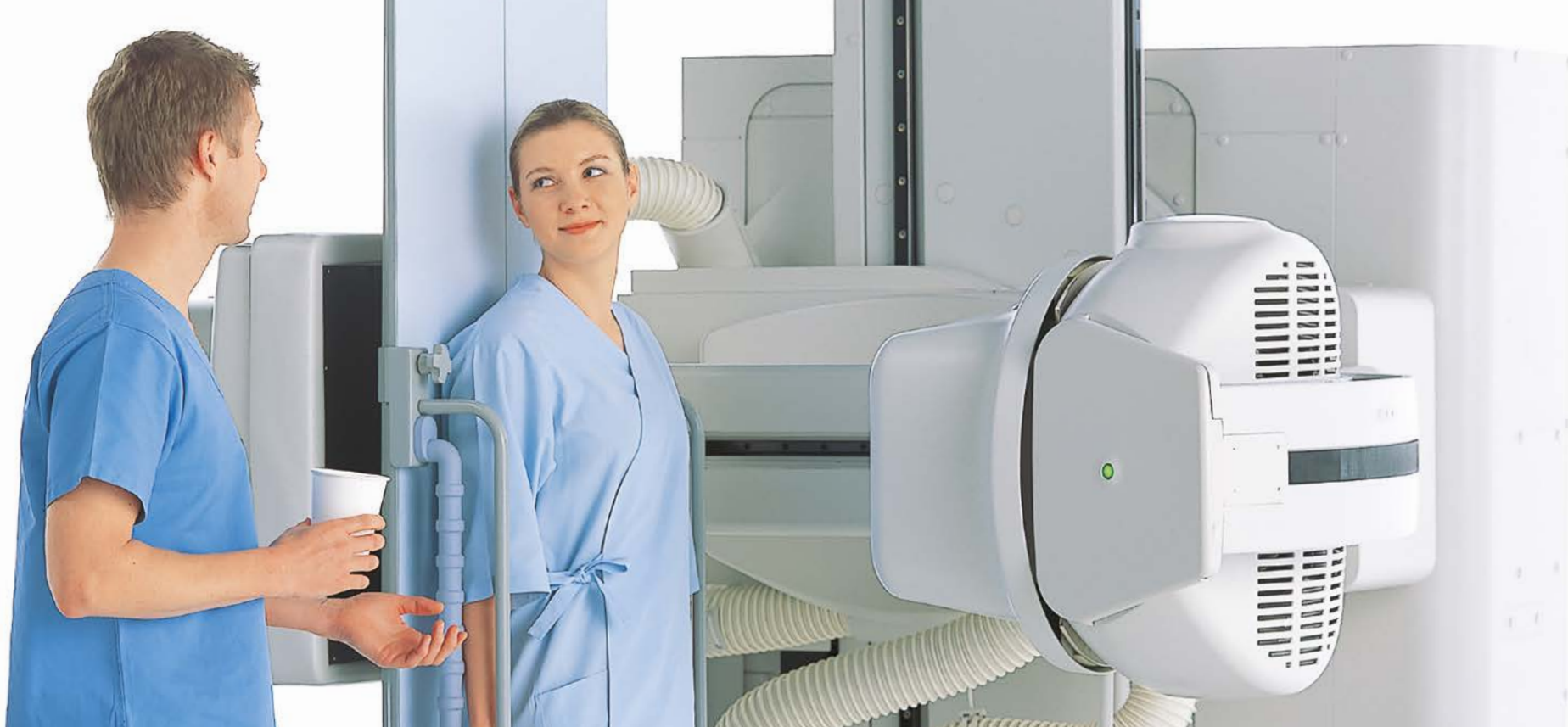


To further optimize skin dose and patient access cranial and caudal angulation up to 45° deg is available in both PA and AP orientation.



To provide optimal imaging conditions in the isocenter position for each patient, Ultimax-i permits to flexibly adjust the table position in all three directions.





The system's tabletop lowers down to 52 cm, making it easier for you to load patients with reduced mobility. The smooth and precise table movement ensures a high level of safety for patients and staff.



Ultimax-i supports a wide range of examinations and fits in all types of examination rooms. The wide clearance between the tube and the table is also ideal for wheelchair patients.



The system's footstep can be mounted on either side of the table. Just a few centimeters off the floor, it is convenient for the patient to access.

# Advanced imaging for better visualization and detail

When every image matters, you want to make sure you are getting the big picture in full detail. Ultimax-i's robust image processing functions help you obtain optimal, high-quality images consistently for a wide variety of clinical cases.

Conventional

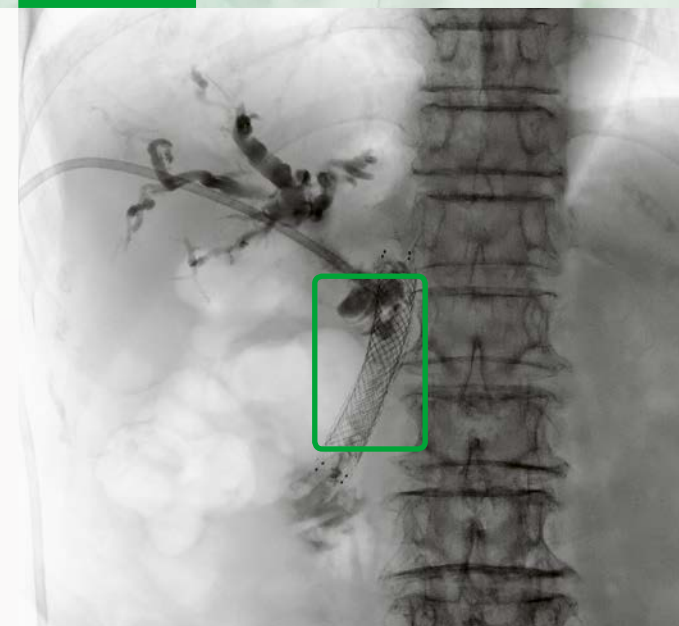
Ultimax-i

## Finer detail – less dose

Ultimax-i's advanced new multi-resolution image processing tool SNRF improves imaging on multiple levels from fine detail to overall imaging contrast to provide outstanding image quality at significantly reduced patient dose.

up to **65%**

**LESS DOSE**





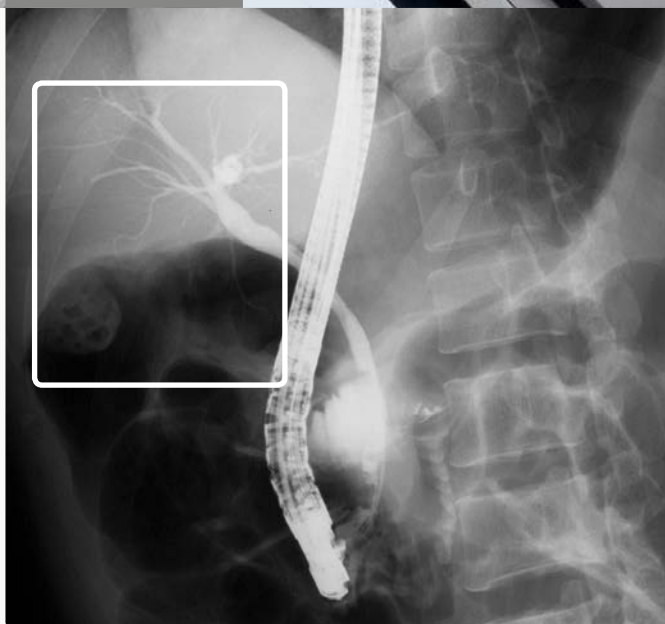
Ultimax-i's 43 x 43 cm detector provides a large field of view with fine 148  $\mu\text{m}$  pixel pitch and 16 bit processing for low-dose high-resolution imaging on a wide variety of patients.

Conventional

Ultimax-i

## Minimizing blackouts

Blackout regions caused by intestinal gas, barium contrasting or specific body composition are a common problem in radiography. The system's advanced digital compensation filter optimizes the density throughout the image.



# Better protection for patients and clinicians

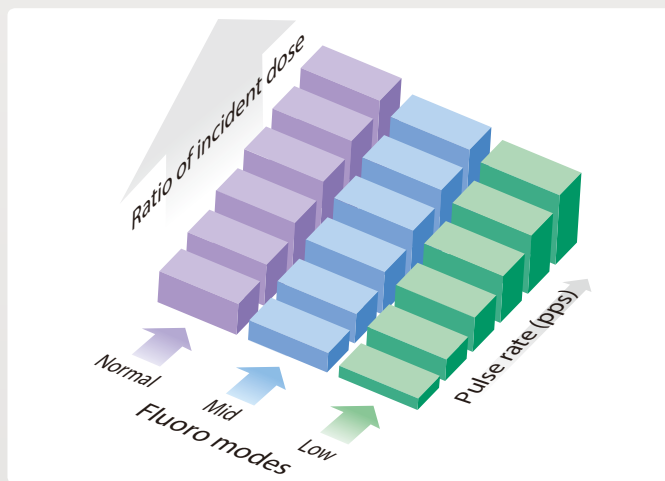


Dose management is an important issue for everyone. DoseRite™ is Canon Medical Systems' comprehensive dose management solution. Combining advanced detector design with an array of powerful software features, it provides you with an extensive host of dose-saving and dose management functions.



## Removable high-penetration grid

Ultimax-i is equipped with a high-penetration grid to provide optimal image quality at low dose. The grid can easily be removed when required, for instance for pediatric examinations.



## Variable dose mode

To optimize imaging results and patient dose for your procedural needs, Ultimax-i offers three variable dose modes including continuous fluoro, pulsed fluoro.



## Dose-saving system operation

Rotational light beam collimation and an optional laser position guide ensure optimal imaging and low exposure dose. Virtual collimation can be used on Last Image Hold to place the shutters at the desired location without exposing.

Ultimax-i was designed to meet your safety requirements with extraordinary image quality at minimal radiation dose. Dedicated programs further optimize the dose for pediatric patients.



Safety is your top priority – we've got you covered.

We understand that diagnostic imaging safety goes beyond radiation dose and extends to all areas of patient and staff safety. Canon Medical Systems' 360 Degrees of Safety program puts you and your patients first by providing comprehensive coverage, guidance and expertise. From corporate programs that support industry safety to modality features that protect your patients and staff, at Canon Medical Systems we have made safety a priority in everything we do.



# Crystal-clear images for a wide range of examinations

DR



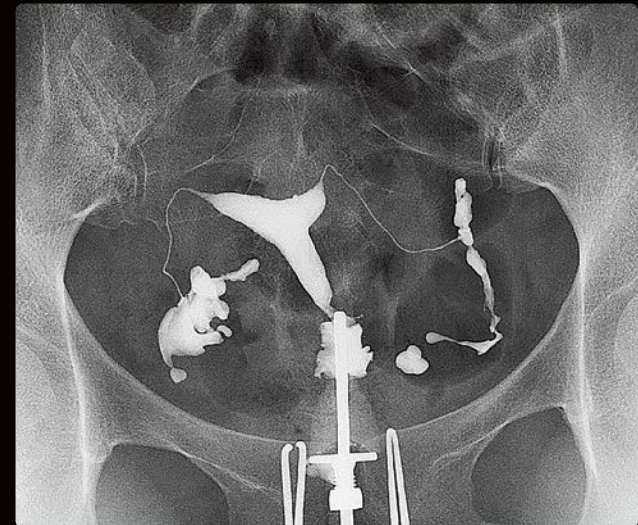
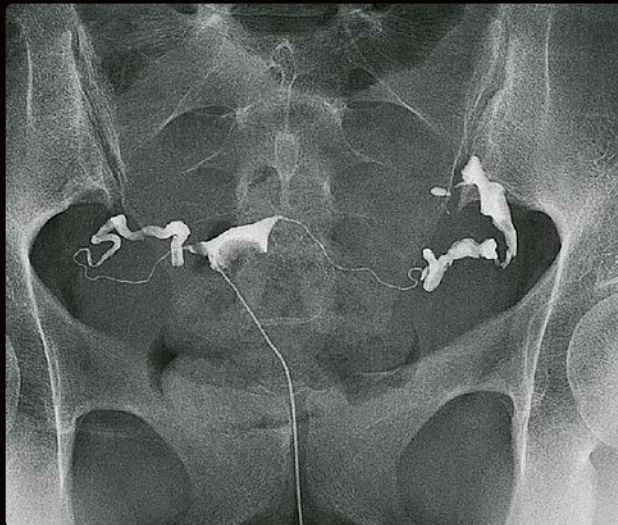
Pediatric DR



## Arthrography

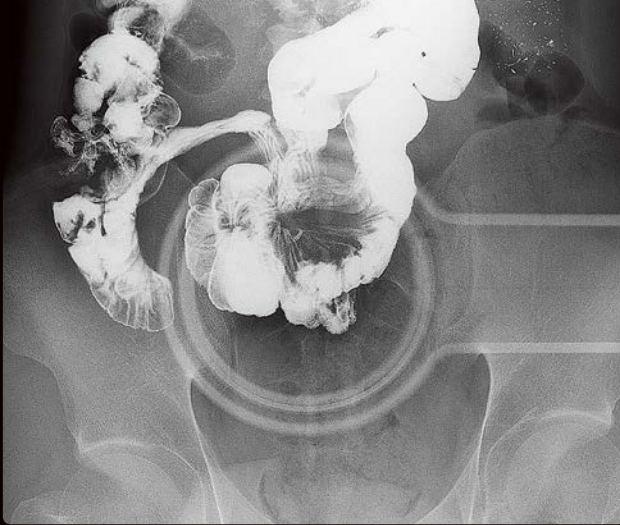


## Cystography and Salpingography



# Advanced imaging performance for efficient and safe treatment

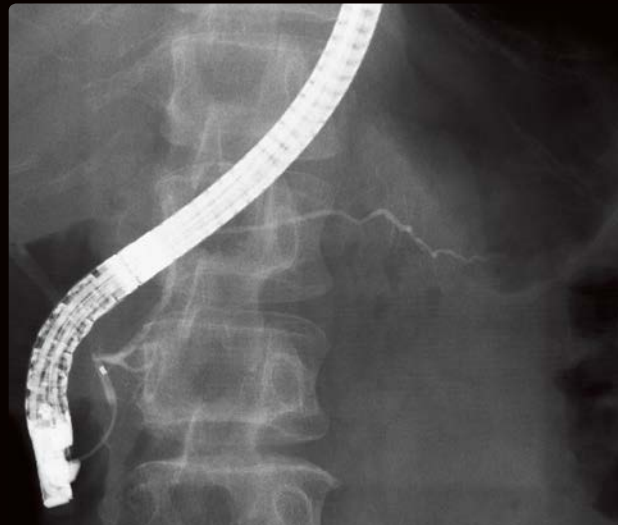
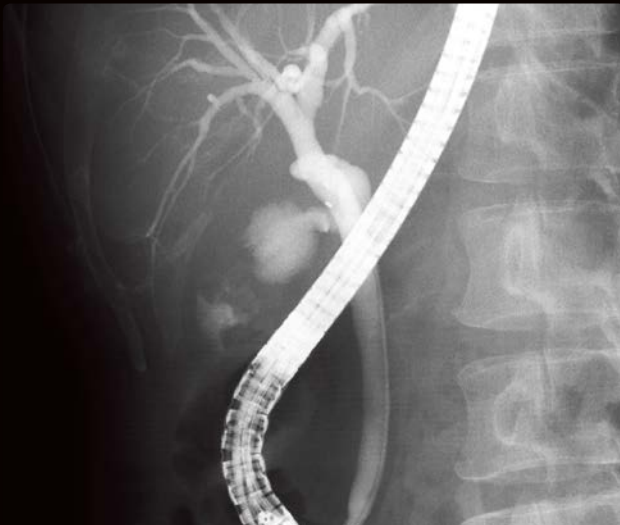
G.I. Studies



EFOV

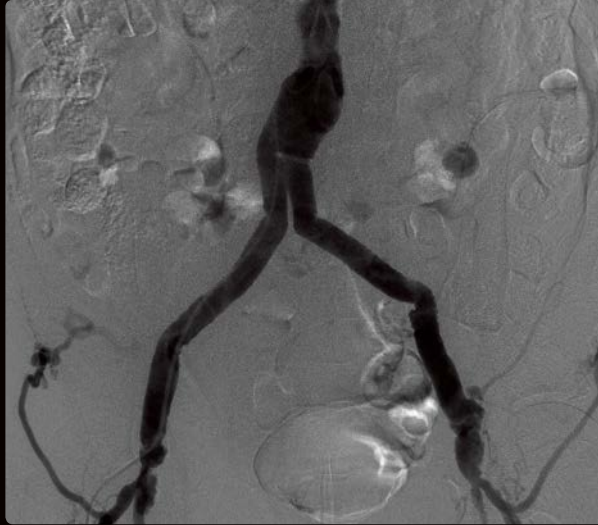
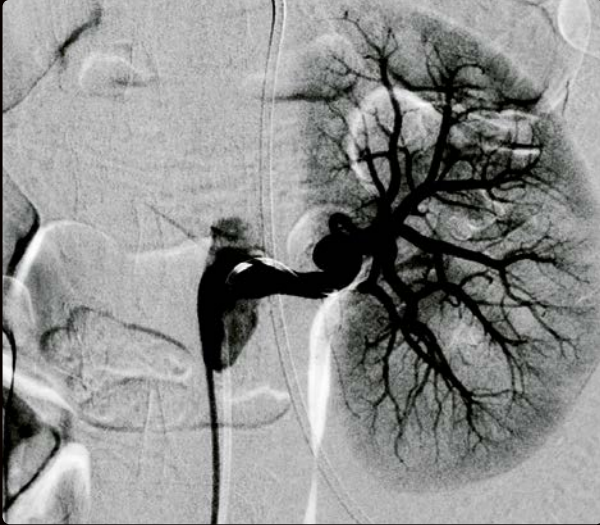


ERCP





## Angiography



## Interventional



# *Ultimax-i*



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Design and specifications subject to change without notice.  
Model number: DREX-UI80  
MCAXR0333ECA 2018-01 CMSE/Printed in Europe

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