

**Canon**



***Ultimax-i***

The ultimate in  
clinical versatility

Multipurpose FPD system

# Adapted to precisely meet your needs

The Ultimax-i solution enables you to perform complex procedures and expand your capabilities even in smaller R/F rooms. The system's advanced imaging technology and multipurpose imaging capabilities are integrated into an efficient design, which maximizes your workspace.



By combining the high-resolution FPD technology with innovative system design features, Ultimax-i consistently provides sharp, clear images with flexible patient access and ease of use.

- Advanced image quality
  - Multipurpose capability
  - Optimized patient dose
- Fast, precise diagnosis and treatment

# Improve your efficiency with streamlined workflow and exceptional patient care

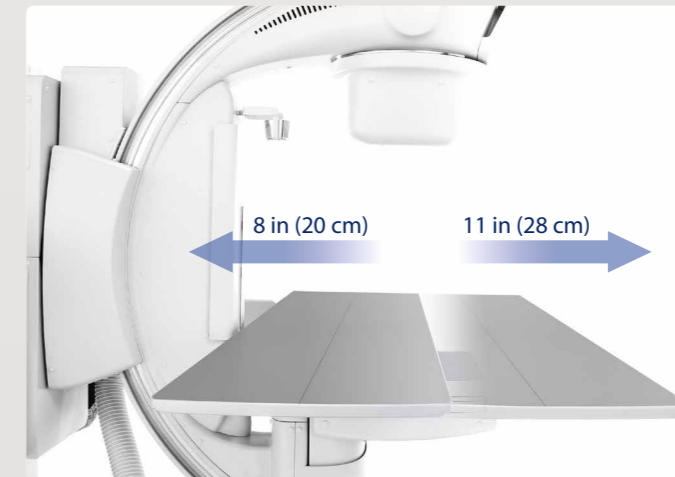
Ultimax-i offers the high performance and clinical versatility needed to perform many types of exams ranging from simple thorax imaging to routine angio studies. Features include flexible configurations and enhanced imaging capability, making the most of your available space.

Once your patient is comfortably in position, Ultimax-i can operate at any orientation using anti-collision technology. This is an important benefit for your patients, providing heightened safety and protection.



## Head-to-toe coverage

With a longitudinal C-arm movement range of 64 in (163 cm) and a 17 x 17 in (43 x 43 cm) detector, the Ultimax-i can easily achieve anatomical coverage greater than 6.5 feet (2 m).



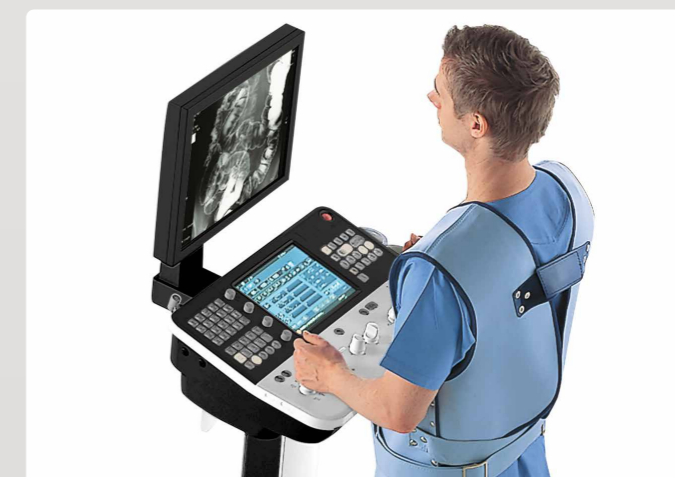
## Increased utilization

The system's 24 in (60 cm) wide, high-capacity table and extended transverse movement range of 19 in (48 cm) allows you to accommodate a broad variety of patients for safe and comfortable imaging.



## Touch panel

Ultimax-i's concise console with integrated touch screen enables quick and easy access to both C-arm and exposure condition settings.



## Exam room control

The in-room console is identical to the control room console. Depending on its position in the room, orientation point can be adjusted for correct C-arm position and image display.



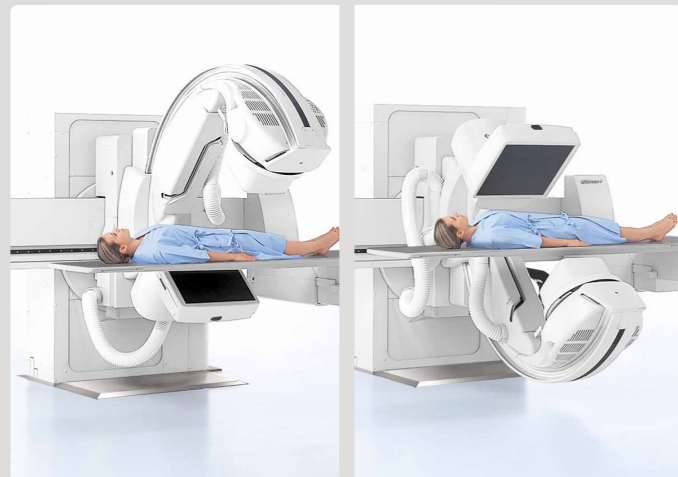
For even greater clinical flexibility and efficiency, Ultimax-i can be combined with an OTC (overhead tube crane) and vertical wall stand with a wireless detector to support all of your general radiography requirements and maximize room utilization.

# Comfort and safety for patients and staff

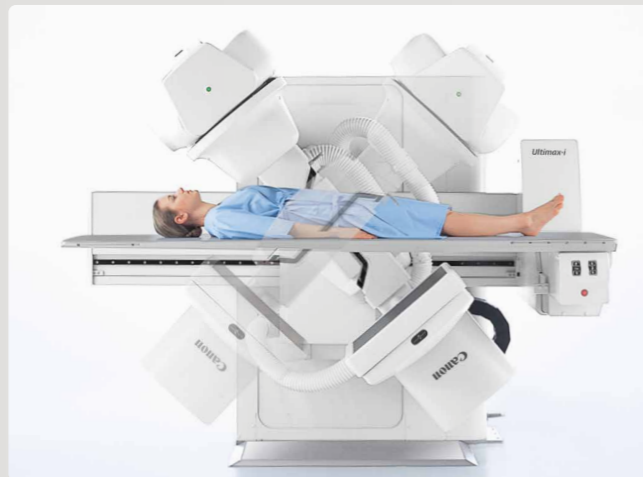
Putting your patients at ease is key to successful and comfortable examinations. Flexible table access provides fast and secure procedures. Ultimax-i helps you to enhance your productivity while affording exceptional patient care.



An optional tableside control can be affixed to the system to facilitate patient positioning.



With Ultimax-i, you'll achieve positioning angles that only a C-arm based system can. This increased clinical versatility enables you to let the C-arm work around your patient.



Patient access can be improved through cranial and caudal angulation up to 45° available in PA and AP orientation.



To provide optimal imaging conditions in the isocenter position for each patient, Ultimax-i allows flexible adjustment of the table position in all three directions.



The system's tabletop lowers down to 20.5 in (52 cm), making access easier for patients. The smooth and precise table movement ensures a high level of safety for patients and staff.



Ultimax-i supports a considerable number of diagnostic and interventional procedures. The compact footprint of the system makes it suitable for all types of examination rooms. The generous clearance between the tube and table is beneficial for wheelchair exams.



The system's convenient footstep can be mounted on either end of the table and patients can easily step up as it is just a few centimeters from floor level.

# Every image matters

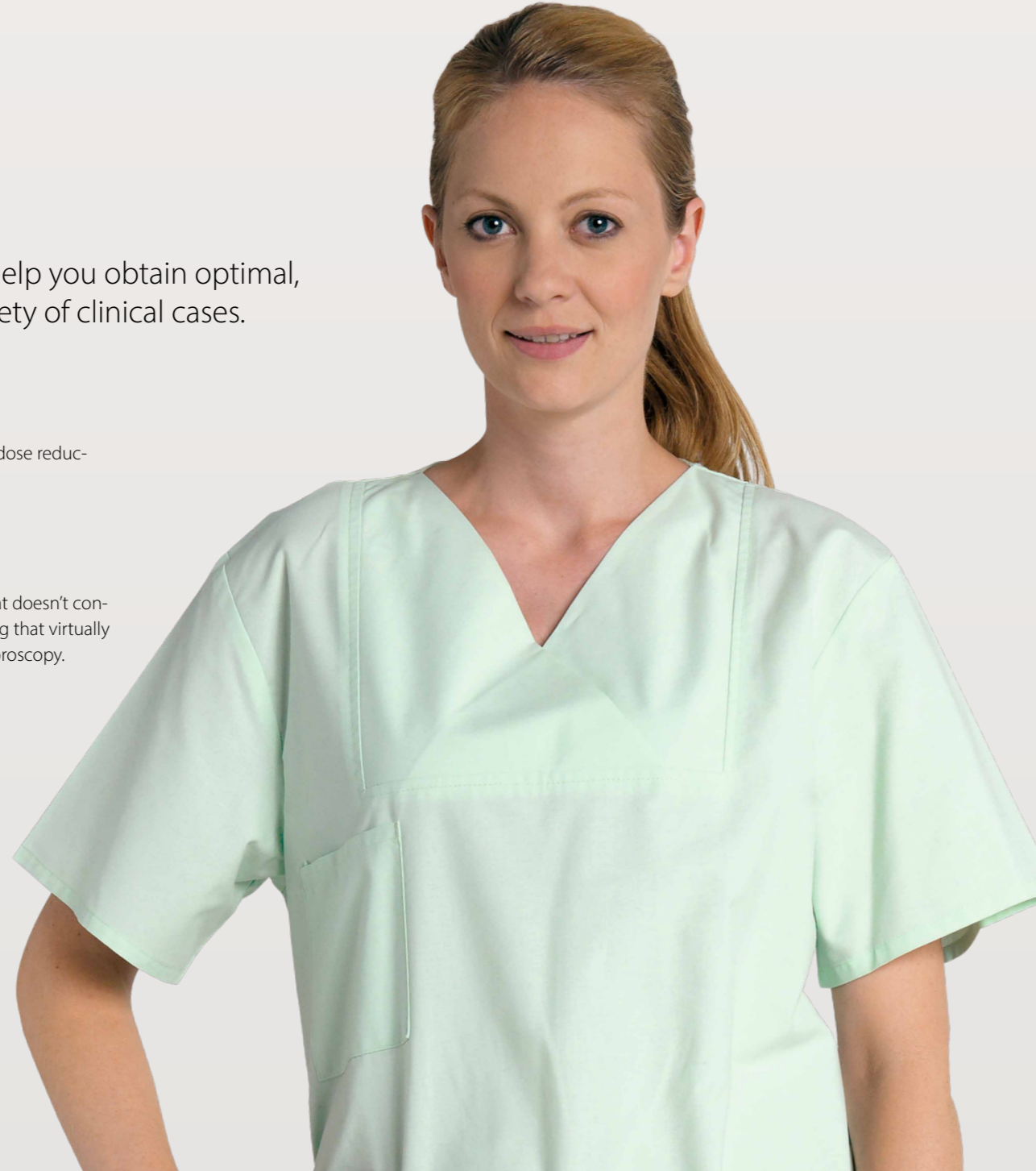
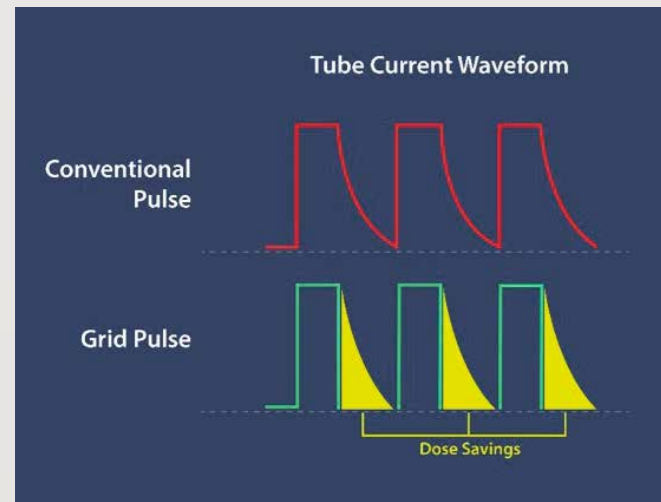
Ultimax-i's robust image processing functions help you obtain optimal, high-quality images consistently for a wide variety of clinical cases.

## Finer detail — less dose

Our unique patented, real-time image processing technology, (SNRF), enables dose reduction while maintaining high image quality.

## Grid pulsed fluoro

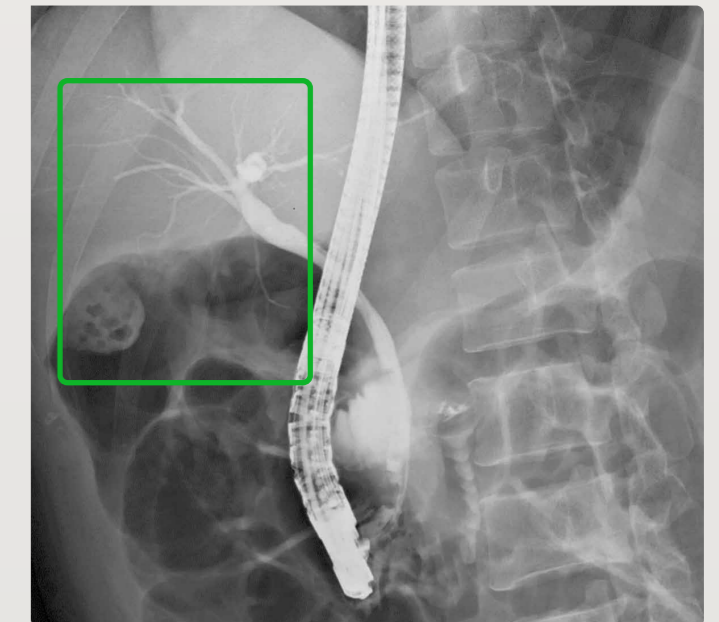
Grid pulsed fluoro function lowers patient dose by reducing X-ray exposure that doesn't contribute to the diagnostic image. Grid pulse fluoro features in-tube grid switching that virtually eliminates leading and trailing edge of soft x-rays for a more efficient pulse fluoroscopy.



Ultimax-i's 17 x 17 in (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.

## Digital compensation filter

Blackout regions caused by intestinal gas, barium contrasting or specific body composition are a common problem in fluoroscopy. The Ultimax-i's advanced digital compensation filter optimizes the density throughout the image, resulting in sharp, clear images.



# Trusted dose management for patients and clinicians

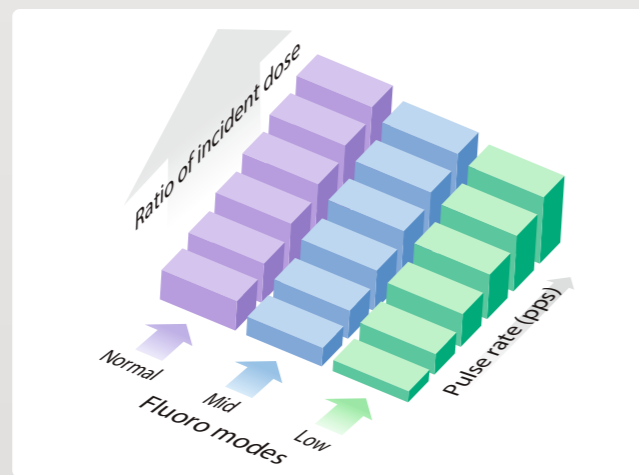


Dose management is an important concern for everyone. DoseRite is Canon Medical Systems' comprehensive dose management solution. Combining advanced detector design with an array of powerful software features, it provides you with a host of dose-saving and dose management functions.



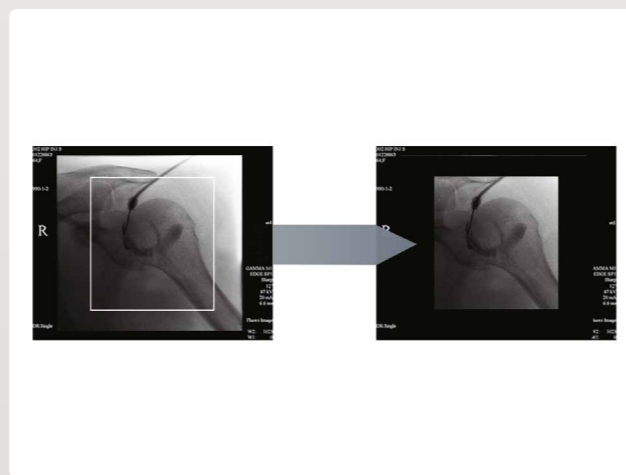
## Removable high-penetration grid

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, in pediatric examinations.



## Variable dose mode

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



## Dose-saving system operation

Last Image Hold (LIH) displays the last fluoroscopic image for review without further exposure. Virtual collimation lets you position the collimator using LIH without using fluoroscopy.

(Optional, rotational collimator not currently available in U.S.)



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 radiography/fluoroscopy images

DR



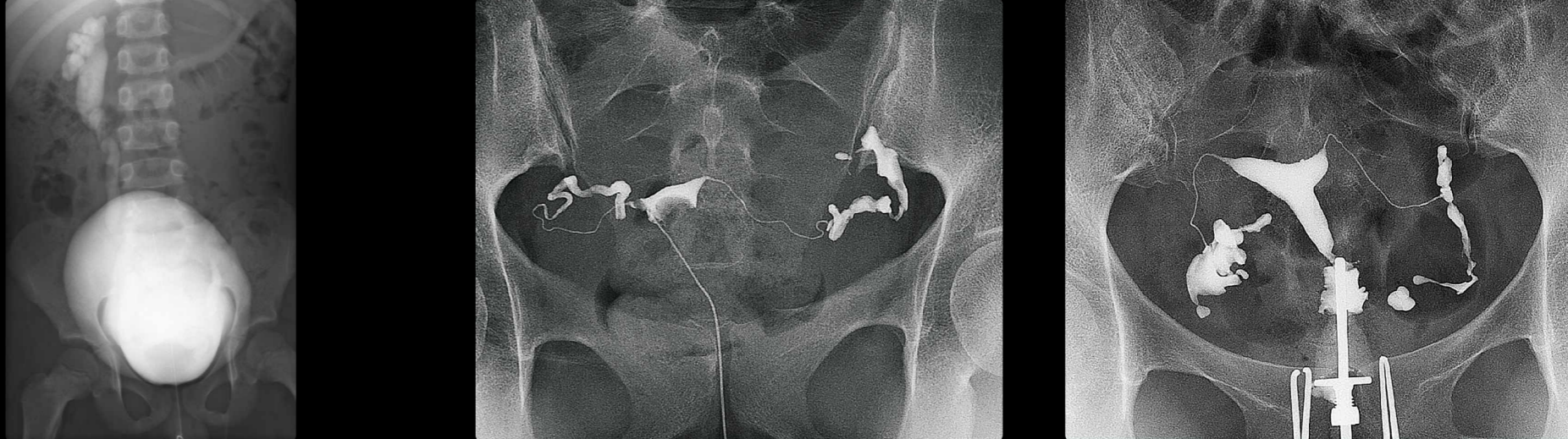
Pediatric



Arthrography

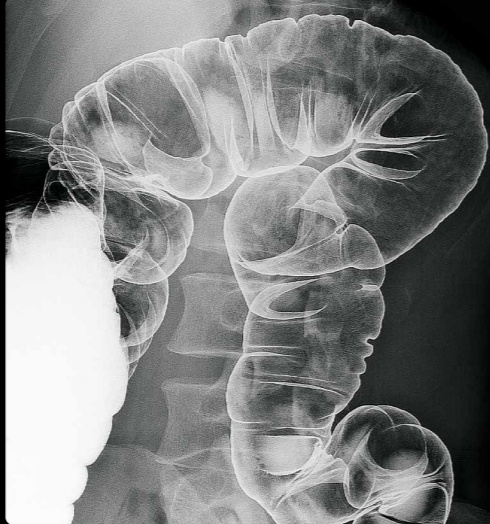


Cystography and Salpingography

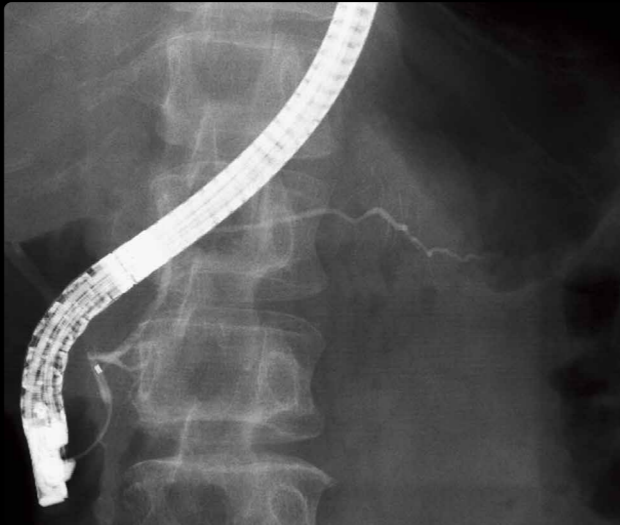
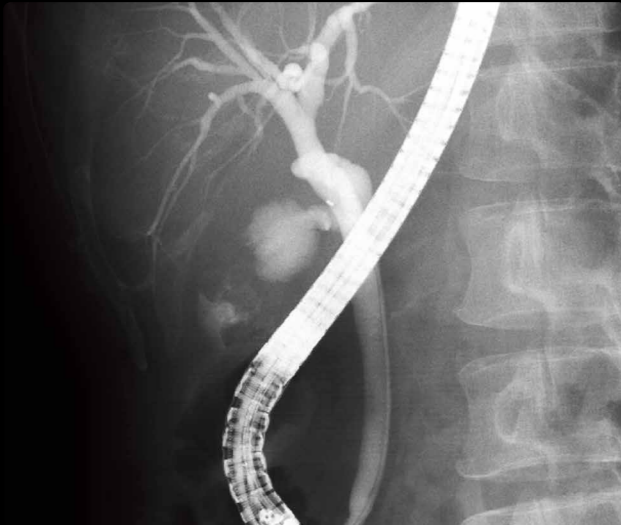


# Advanced R/F imaging performance

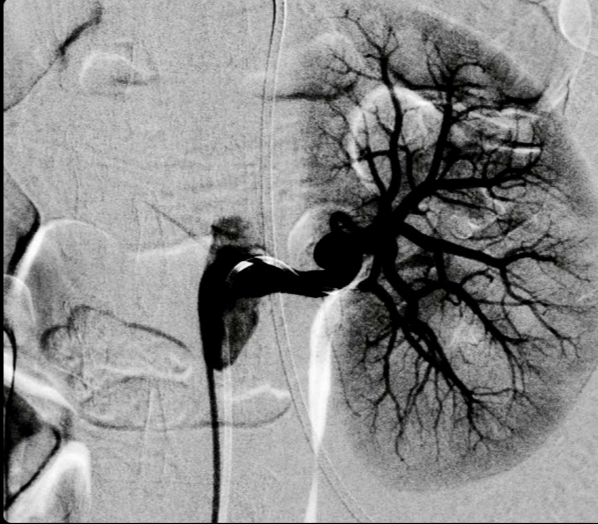
G.I. Studies



ERCP



Angiography



Interventional





# *Ultimax-i*

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