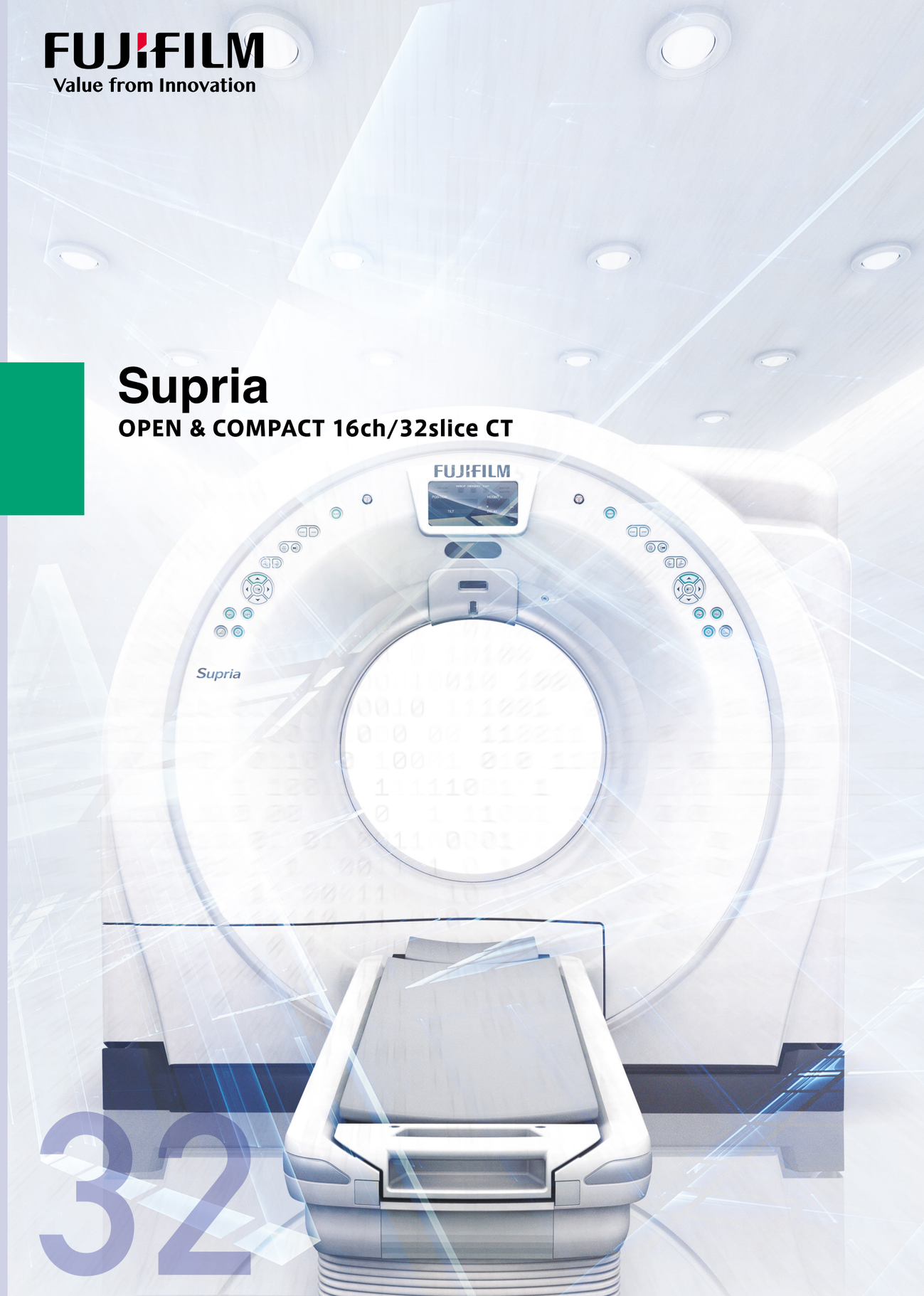
FUJIFILM
Value from Innovation

Supria
OPEN & COMPACT 16ch/32slice CT



Supria
OPEN & COMPACT 16ch/32slice CT

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FUJIFILM Healthcare Corporation

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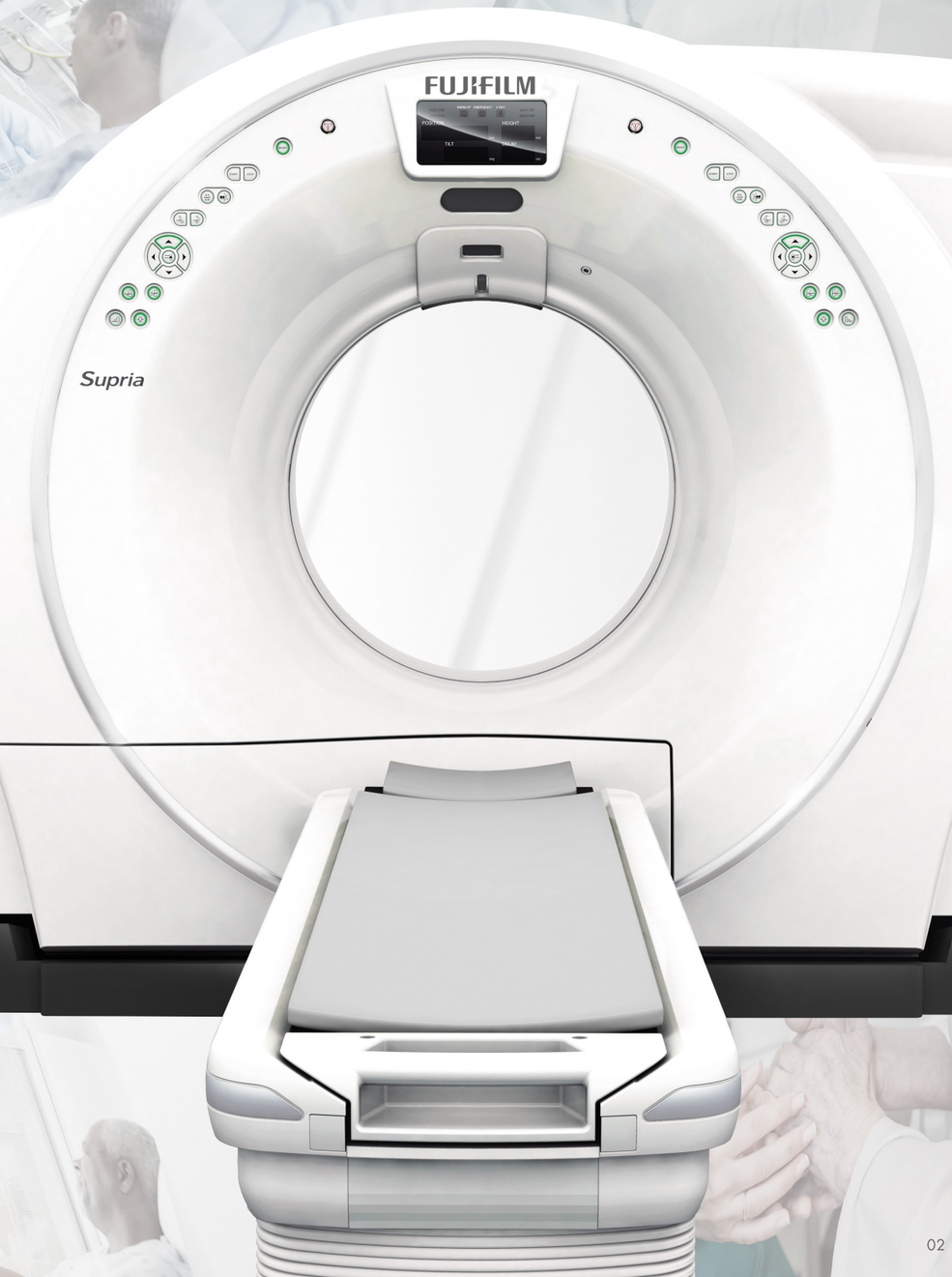
“Supria” meets Healthcare Needs.

With the aging of society around the world, the demand for reducing the physical burden on patients is increasing at medical fields.
On the other hand, there is a demand for optimal and efficient hospital management, and it is also required to respond to various healthcare needs.
We will solve the challenges being faced in the medical practice with “Supria”, which can meet the healthcare needs of present and future.

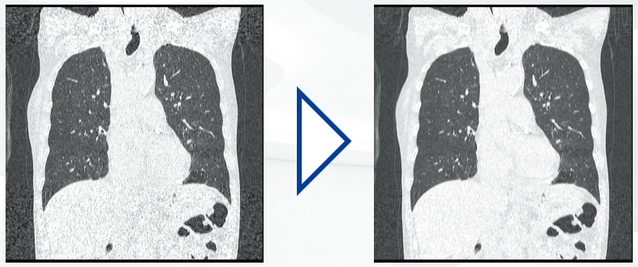
16ch/32slice



“Supria”meets Patient Friendly

Iterative processing for routine examinations

To use the iterative processing (Intelli IP), a noise reduction technology, more efficiently on routine examinations, reconstruction speed has been improved by 50% compared to the Conventional CT.In addition, the intensity of noise reduction can be selected from seven levels, providing high quality images with appropriate exposure dose, image noise reduction and artifact reduction based on the operation guideline at clincal sites.



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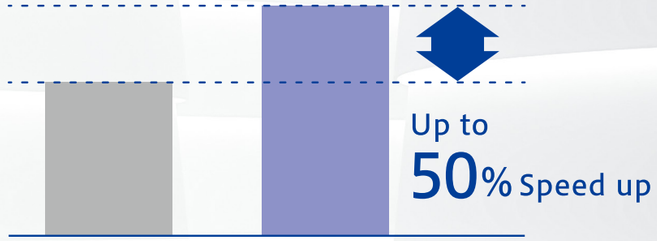
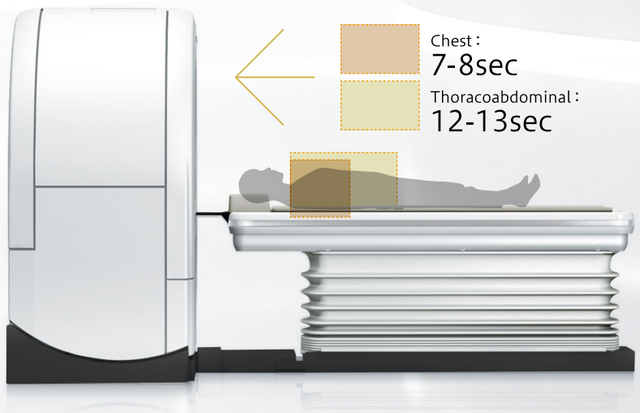
Reconstruction speed

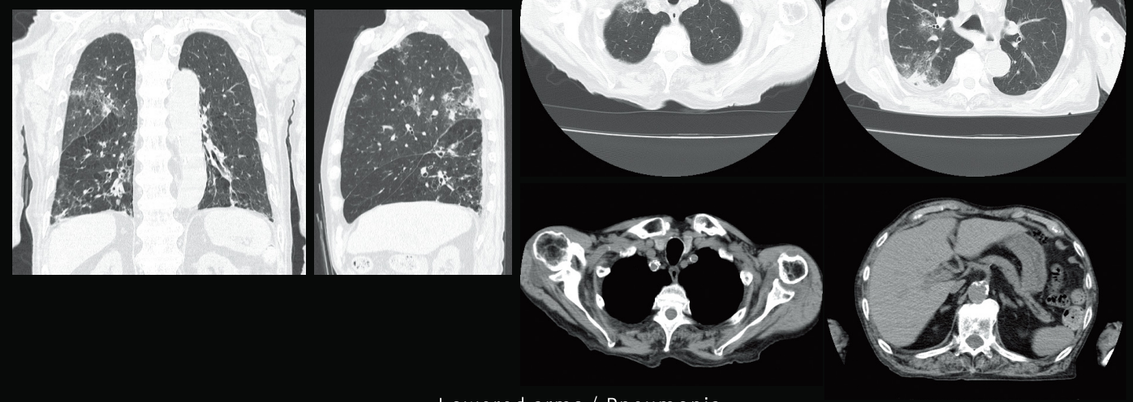


High throughput, high image quality

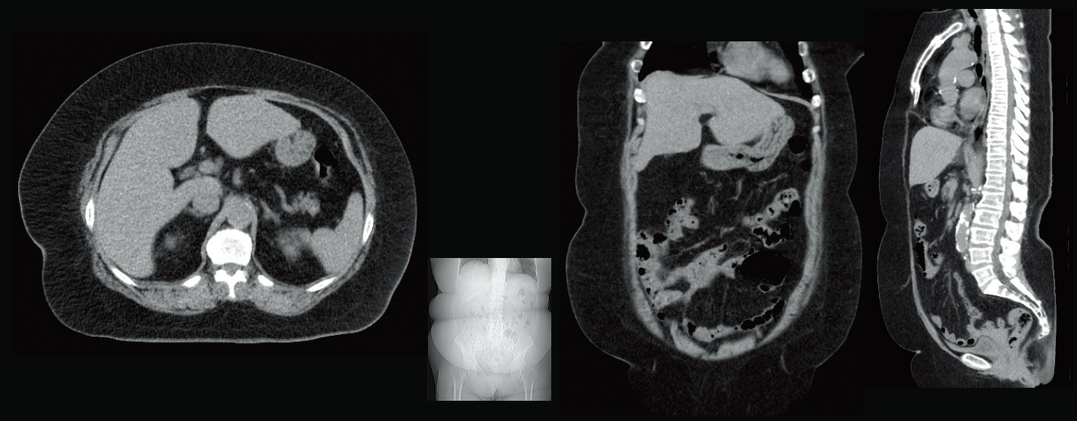
High performance, such as high-speed rotation, submillimeter slice imaging, powerful X-ray generator and state-of-the-art image reconstruction algorithms, realizes high resolution and high throughput examinations.



Intelli IP Imaging

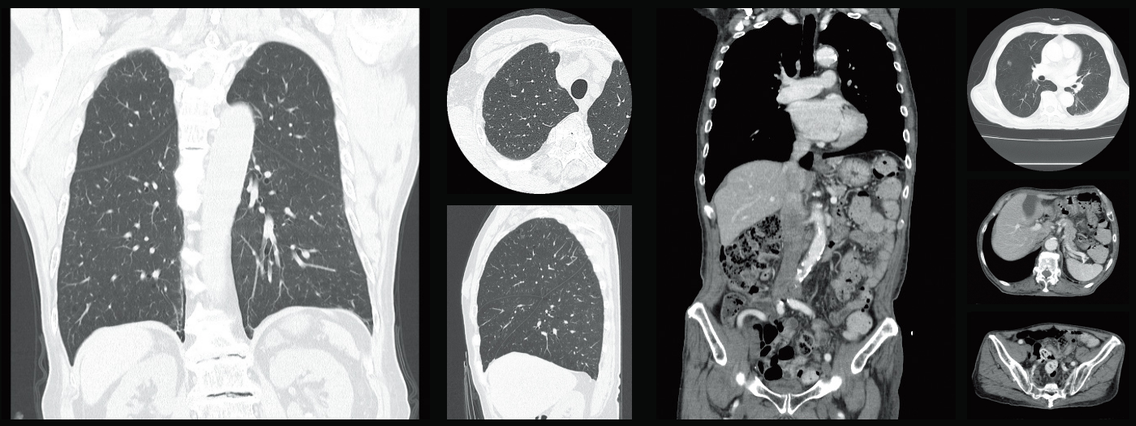


Lowered arms / Pneumonia



Obese patient (Weight : 120kg)

High-speed Scanning



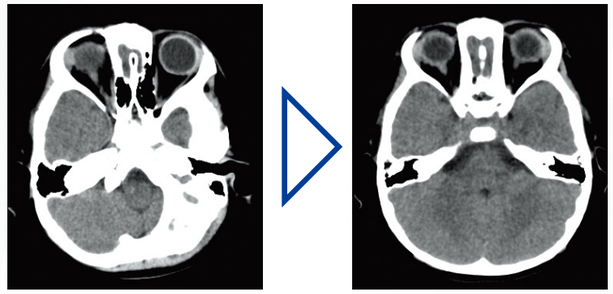
Chest scannig

Thoracoabdominal scanning

“Supria”meets High Performance

Submillimeter slice imaging for high resolution and high quality images

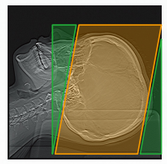
Supria realizes high resolution images in a short time based on 0.625mm x 16ch scanning.
In addition, high resolution and smooth 3D images and MPR images can be achieved by submillimeter slice scanning.Oblique images by MPR can be also achieved after scanning.



Before achieving Oblique image　After achieving Oblique image

High quality imaging with the gantry tilt

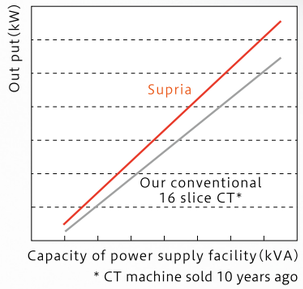
The gantry has a function of tilting within a range of ± 30 degrees, which is possible to reduce exposure to highly radiation sensitive tissues.
In addition, excellent, high-quality images with low contrast can be achieved by normal scan of the head, compared to volume scan.
This imaging method takes into account exposure to the patient as well as image quality.



±30°

High efficiency powerful X-ray generator

Our technology enables to develop a powerful and high efficiency X-ray generator.
It achieves sufficient output with a compact power supply facility. It can also cover heavy load examinations on X-ray tube, such as wide-area imaging and multi-phase imaging.

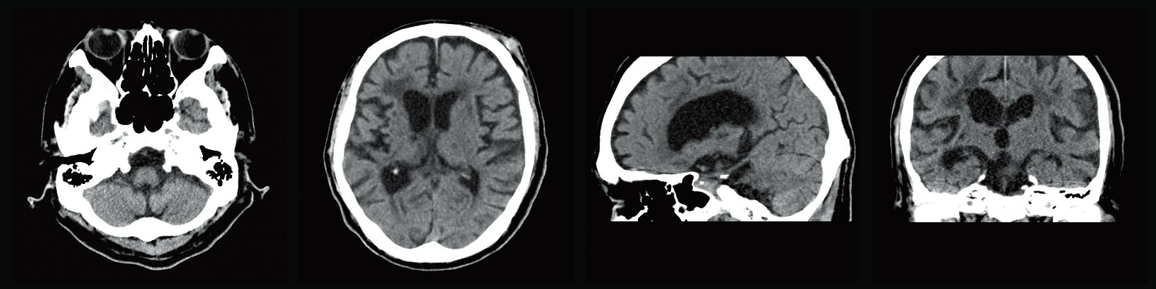


* CT machine sold 10 years ago

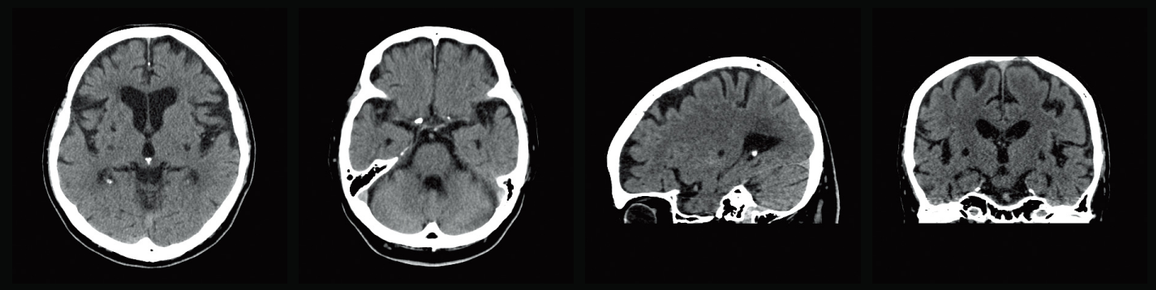
Submillimeter slice imaging for high resolution and high quality images

Scaphoid bone fracture

High quality imaging with the gantry tilt



Cerebral infarction

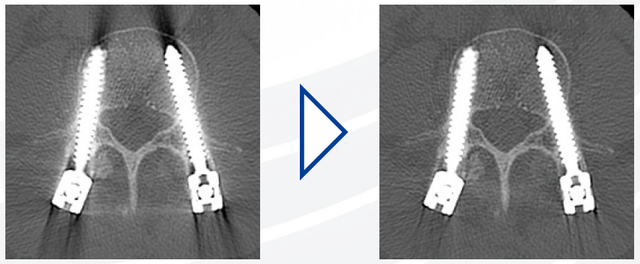


Lacunar infarction

“Supria”meets High Functionality

HiMAR reduces metal artifacts

HiMAR (High Quality Metal Artifact Reduction) adopts unique algorithms for estimating and correcting artifacts based on metal data.



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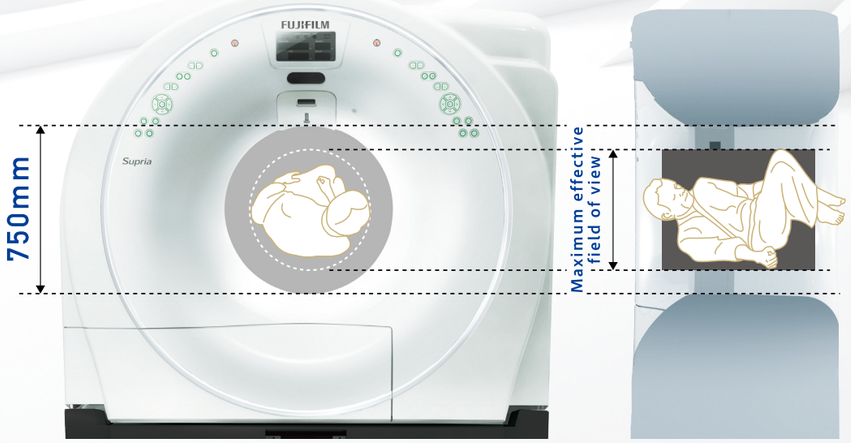
Capable of imaging in various patient's positions

With a large bore of 750mm and a maximum effective field of view that reduces anxiety of the patient, it is possible to scan with various patient's positions.



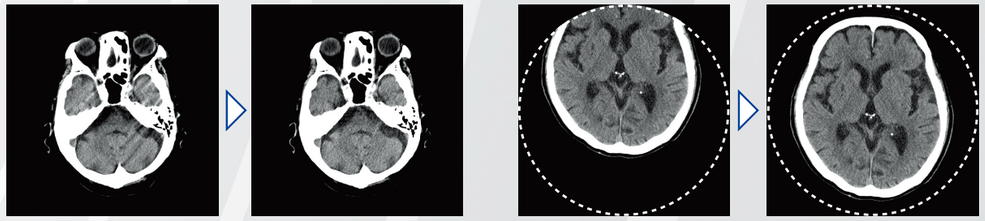
ECG Prospective scanning in synchronization with electrocardiogram

ECG Prospective scanning is a function that scans and achieves image in synchronization with electrocardiographic information. Images achieved by ECG Prospective scanning can be used for calcium scoring analysis*.

* A 3D workstation equipped with a calcium scoring analysis is required.

Helpful function to reduce the burden on the patient

Equipped with a motion artifact correction, body movement can be compensated even after scanning.Even if the patient is out of the effective field of view, such as a patient with a kyphosis, images can be reconstructed without re-scanning in case it is within the maximum effective field of view.



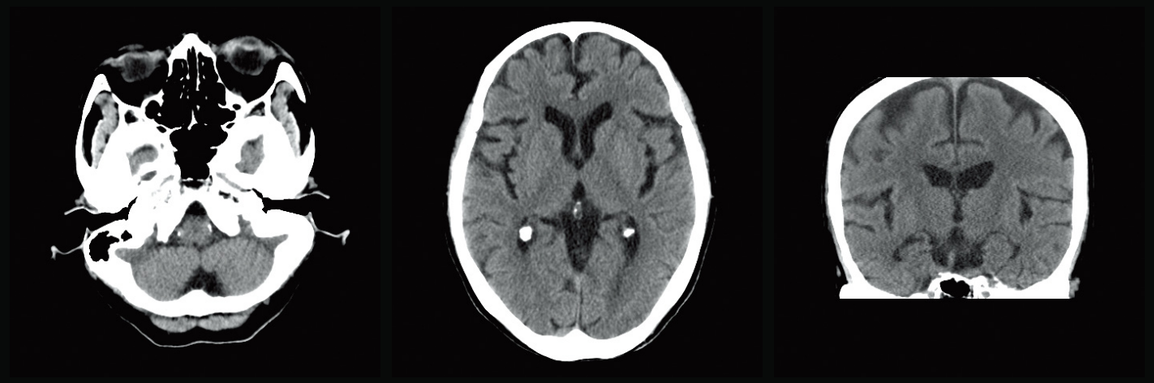
OFF ON
Motion artifact correction

OFF ON
Full FOV data acquisition

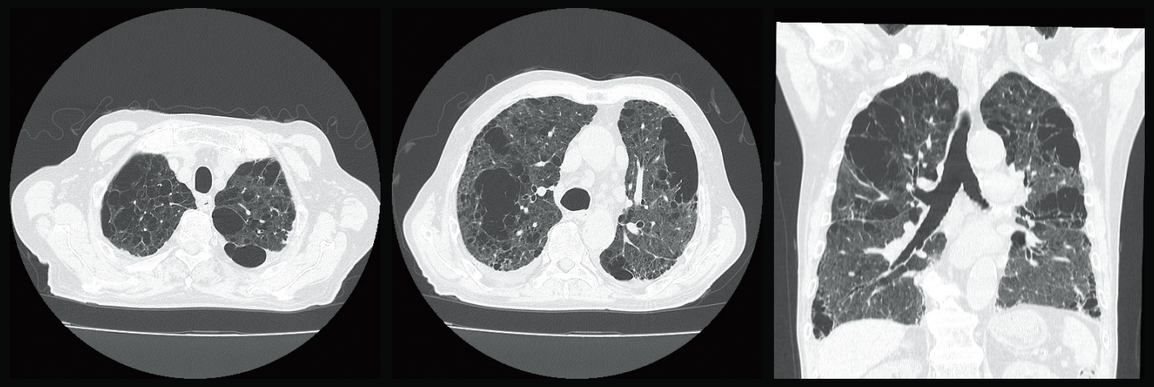
Intuitive operability with Quick Entry

The scan button is located on the intercom box, just above the keyboard, with simply arranged operation buttons, large text, and an easy-to-understand display, which support examinations efficiently.

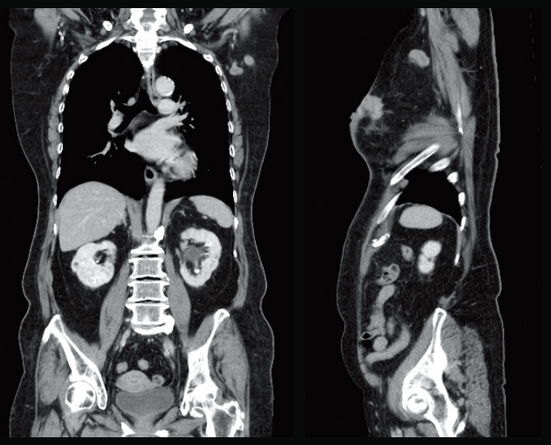
Clinical Images with Intelli IP



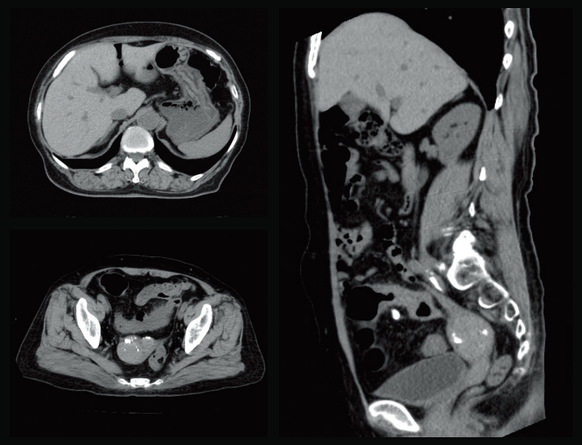
Head routine



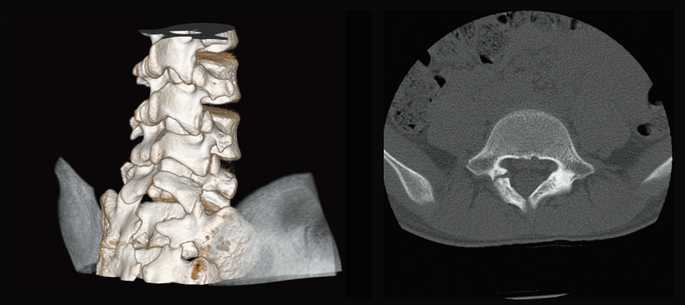
Pulmonary emphysema



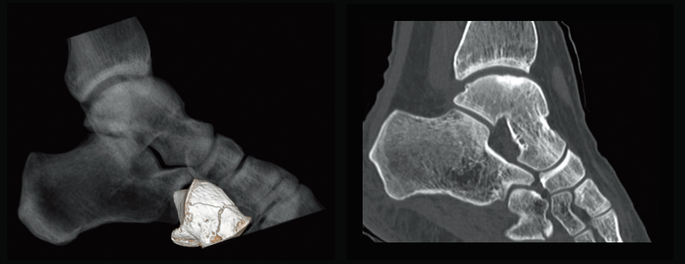
Breast cancer (suspected lymph node metastasis)



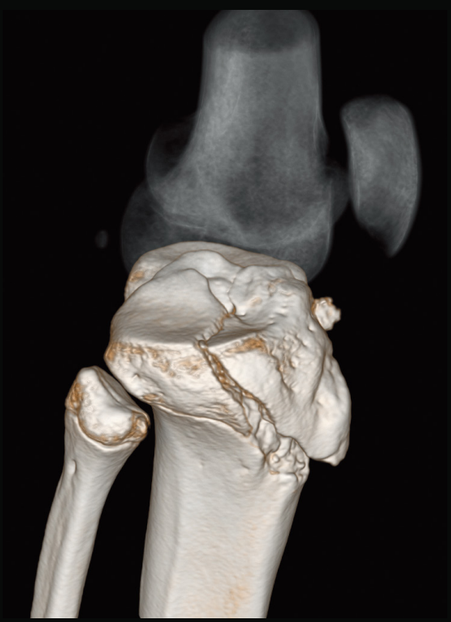
Uterine fibroids



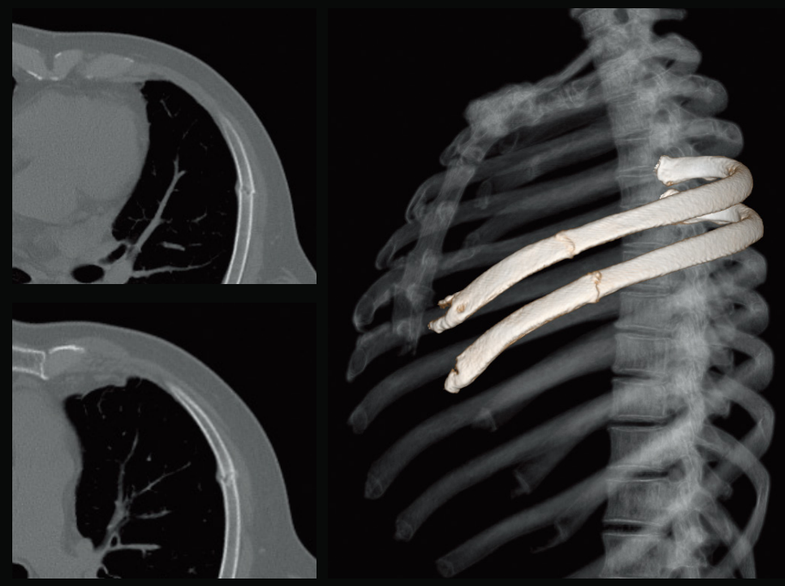
Spondylolysis (10 years old)



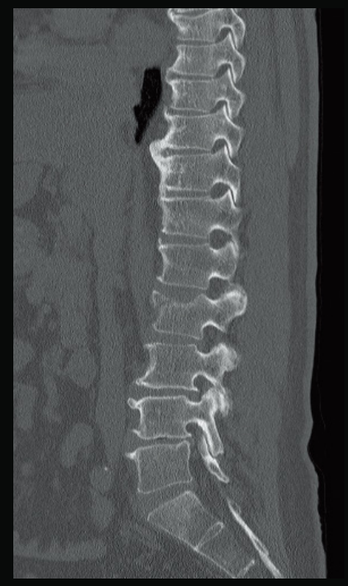
Cuboid bone fracture



Tibia fracture

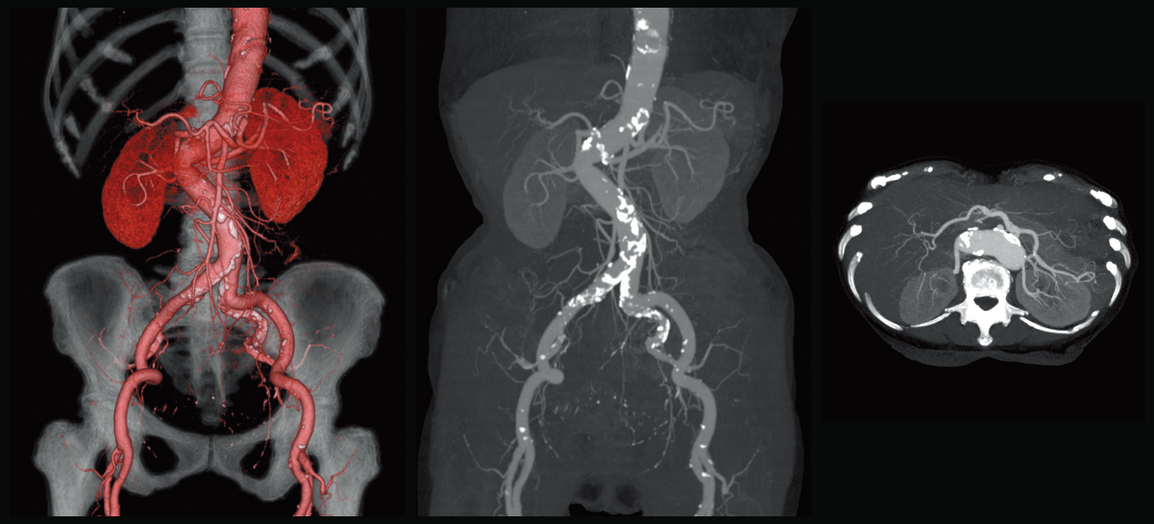


Rib fracture



Compression fracture

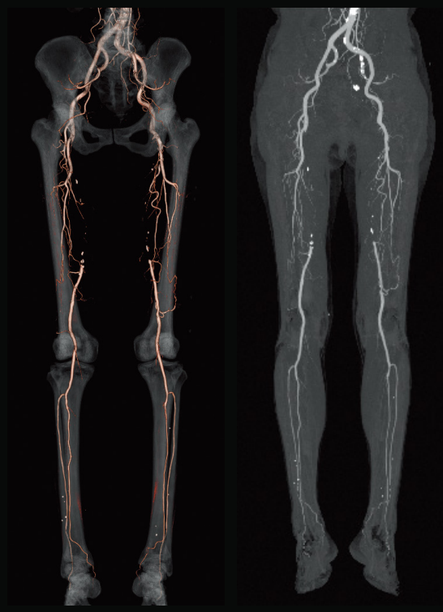
Clinical Images with Intelli IP



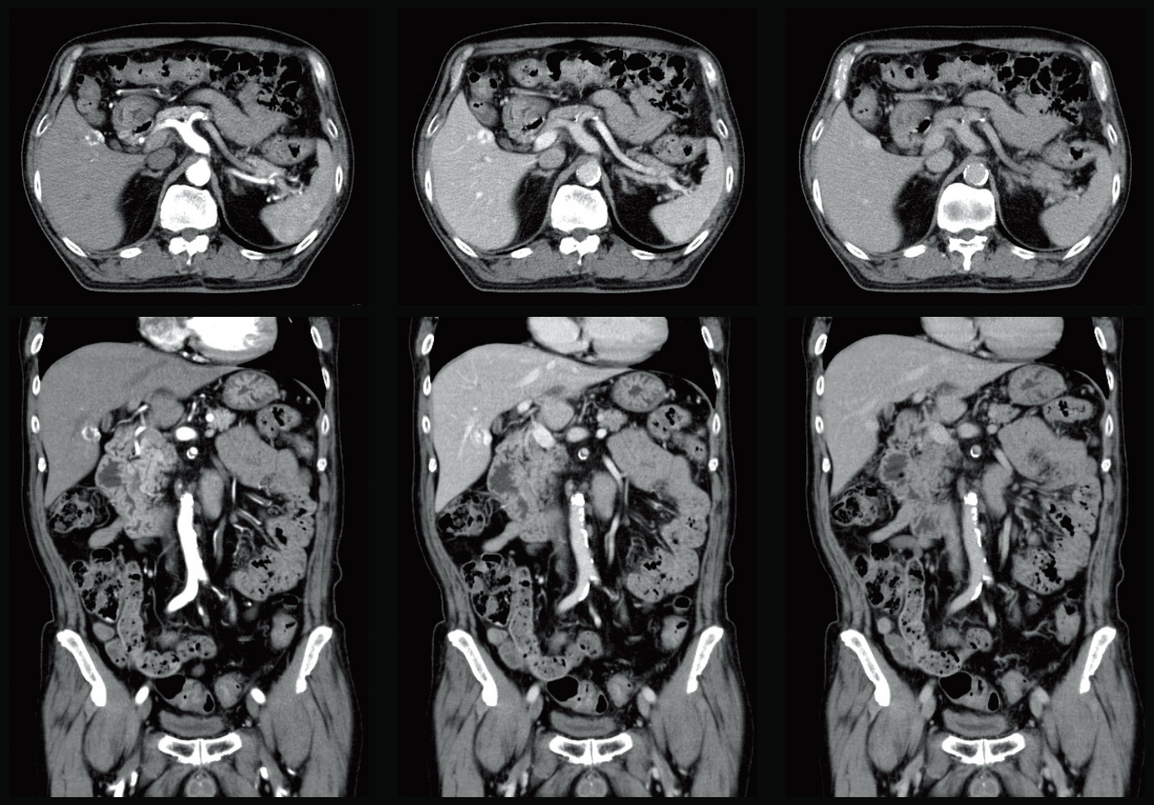
Abdominal CTA (100kV)

Cerebral aneurysm

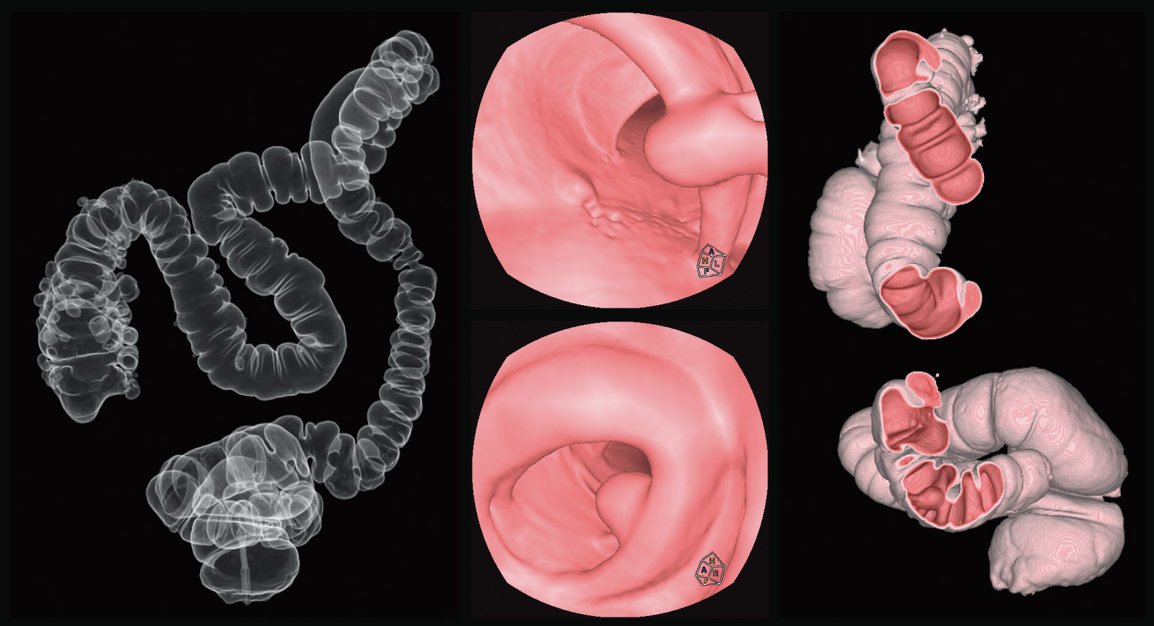
Right middle cerebral artery stenosis



SFA total occlusion



Hepatic hemangioma (Dynamic)



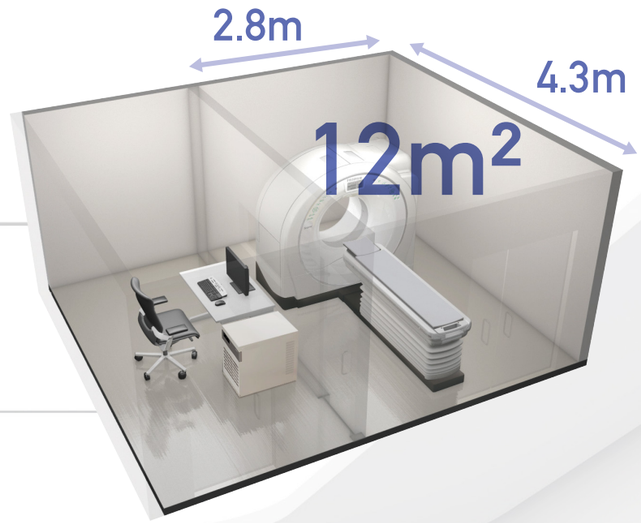
Colonic polyp

“Supria”meets Comfortable Work Environment

Small footprint with 3-unit configuration

Only the gantry, the patient table, and the operation console configuration* is realized. There are no other separate units with build-in system transformer, so the space in the CT room can be used effectively.

* For power supply voltage 200V

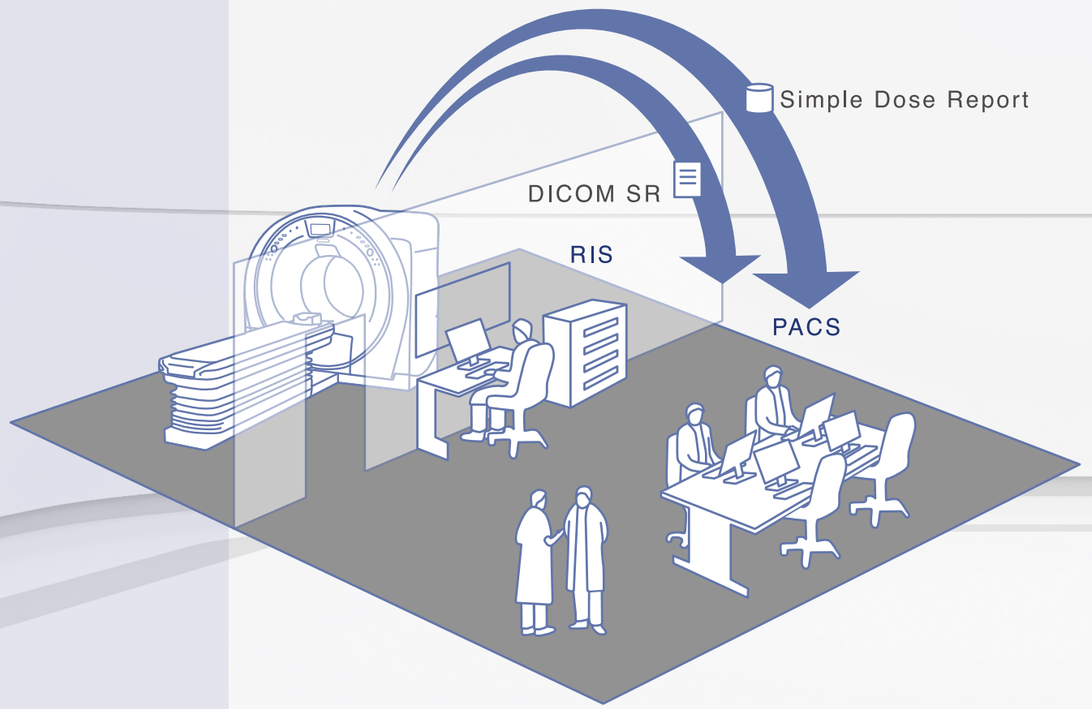


Simple Dose Report

Dose information can be transferred to PACS as a secondary capture image.
Using the PACS image viewer, the dose information can be checked together with the CT image.

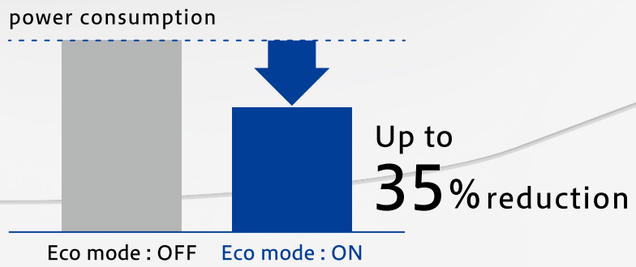
DICOM SR

Using the DICOM standard, it is possible to transfer dose information as a DICOM Structured Report (DICOM SR) to PACS, etc.



Eco mode reduces stand-by power consumption

Supria is equipped with both On-time stand-by and Off-time mode function. With these Eco mode functions, it reduces power consumption of equipment in the gantry and energization time of the X-ray detector, thereby reducing power consumption during stand-by.



Global Network

We are committed to delivering advanced solutions, including diagnostic imaging equipment that meets the needs of physicians and patients.