



NEW
FCT Speedia





Find a CT that meets
your ideals.

Open Access and Compact Design,
with the latest technologies.
The New "Speedia" CT meets your
future needs.

At the front-line of medical practice
the need for faster and more accurate
diagnosis is increasing every day.
The Speedia is designed to provide
the answer. Its compact size, powerful
applications, and optimized workflow
provides the solution to multiple routine
examinations without compromise.
Speedia is your answer to join the next
clinical and technology standard.

OPEN & COMPACT

75cm wide gantry bore with compact foot-print.

PATIENT FRIENDLY

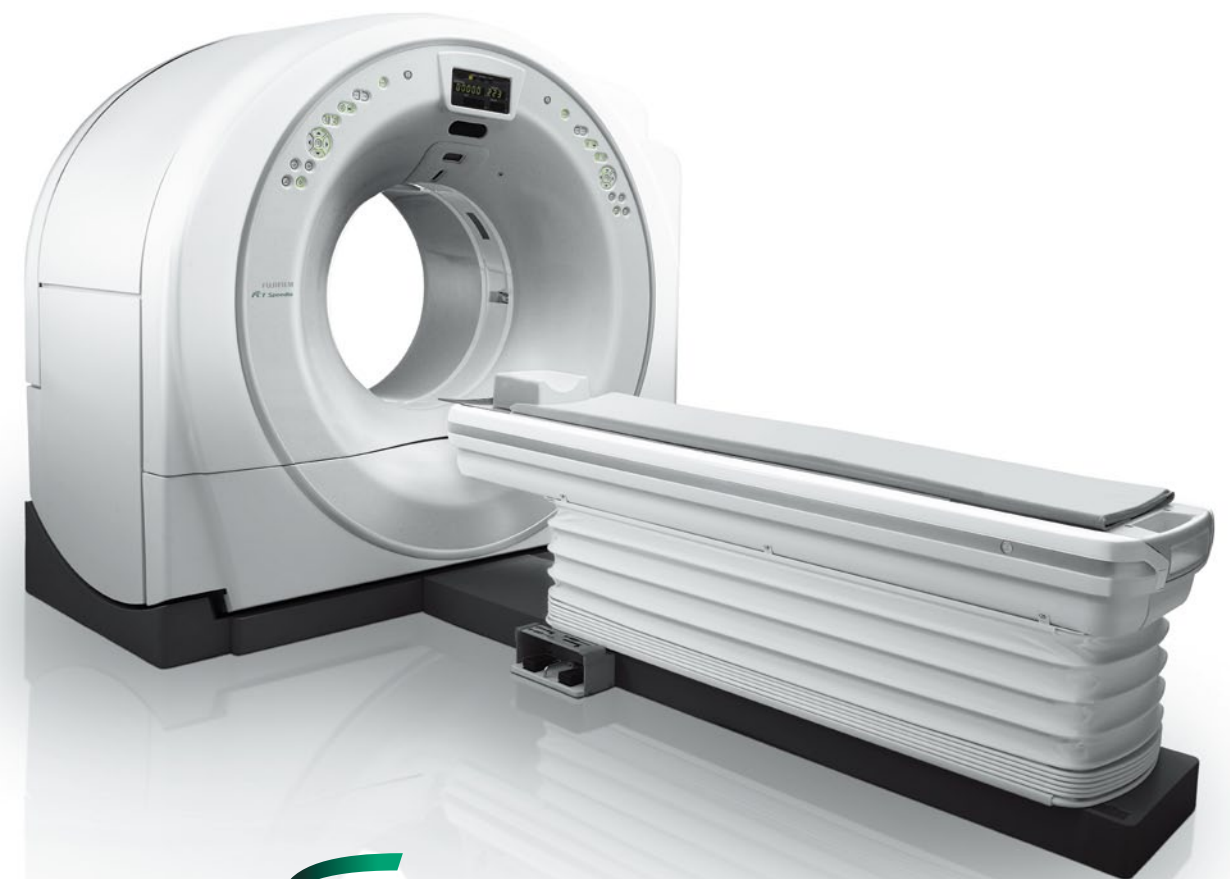
State of the art Low dose technology integrated
as standard

HIGH PERFORMANCE

Latest technology provides high image quality

EASY OPERATION

Intuitive GUI design with 24-inch wide monitor

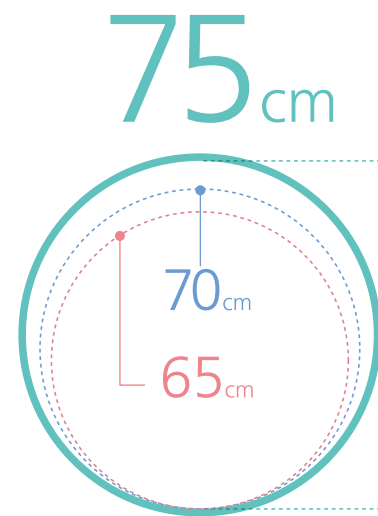


FCT Speedia

OPEN & COMPACT

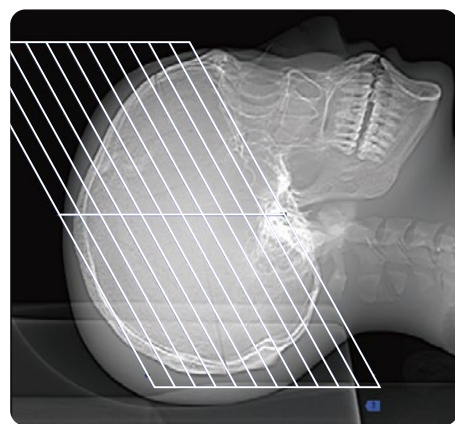
Easy to manage patient care, Easy to fit to existing facility

FCT Speedia



75cm wide gantry bore

A class leading bore size to reduce patient anxiety, while maintaining a compact foot print to improve installation into existing rooms.



TILT $\pm 30^\circ$

Wide angle gantry tilting, reduces the artifact from teeth fillings and also the dose to the lenses of the eyes.



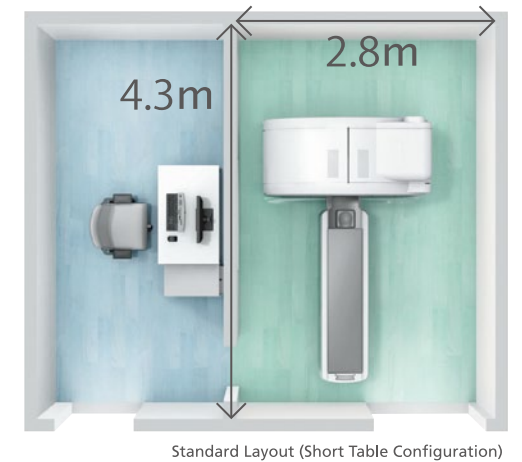
OPEN

The spacious 75cm bore size of Speedia allows easier access to the patient even when the patient's arms are raised and the patient cannot lie flat on their back, improving both technologist and patient experience.

COMPACT

By utilizing only 3 main system modules*; gantry, patient table, and operation console. The Speedia HD achieves an impressive compact footprint.

*System transformer may be required depending on country.



PATIENT FRIENDLY

Designed to allow patients to have exams comfortably

Intelli IP Quick

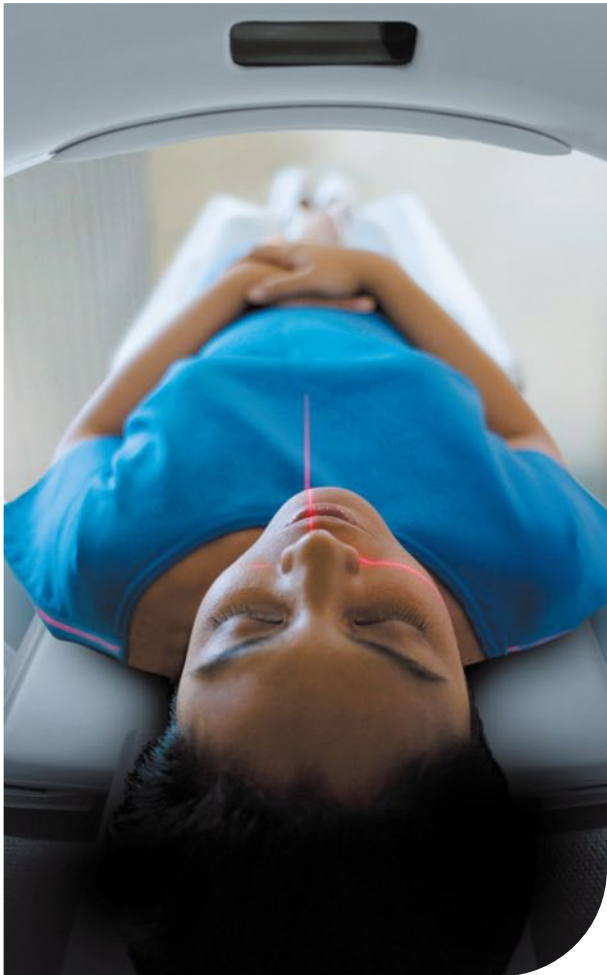
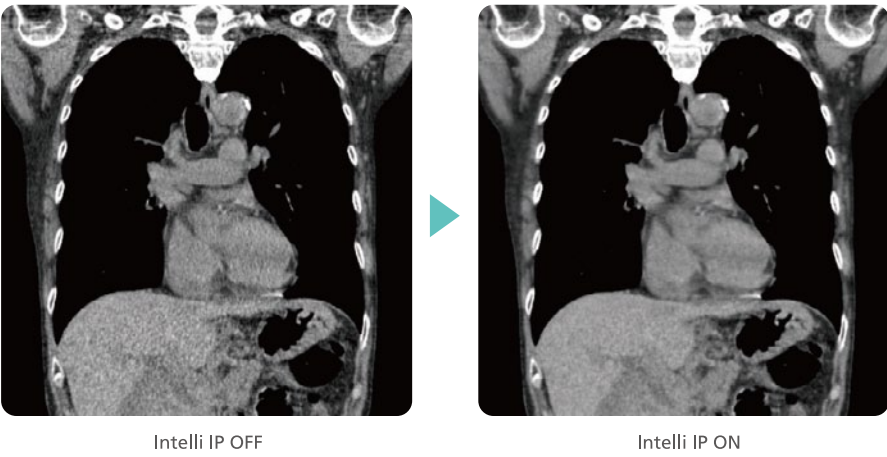
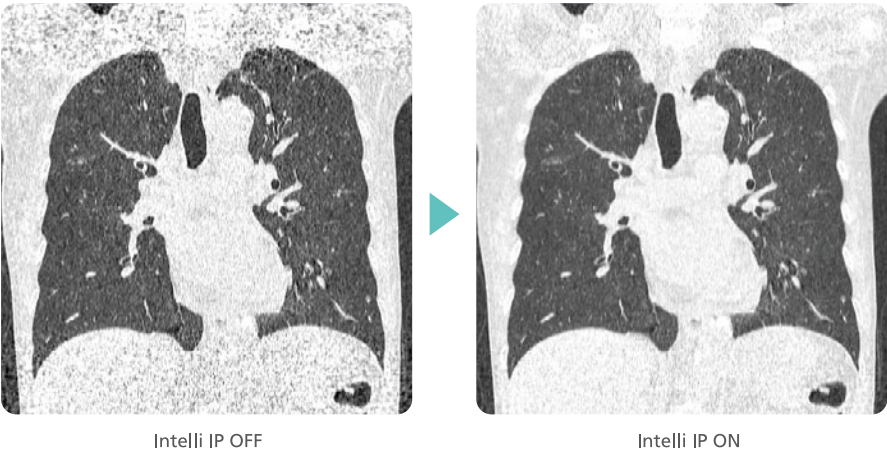
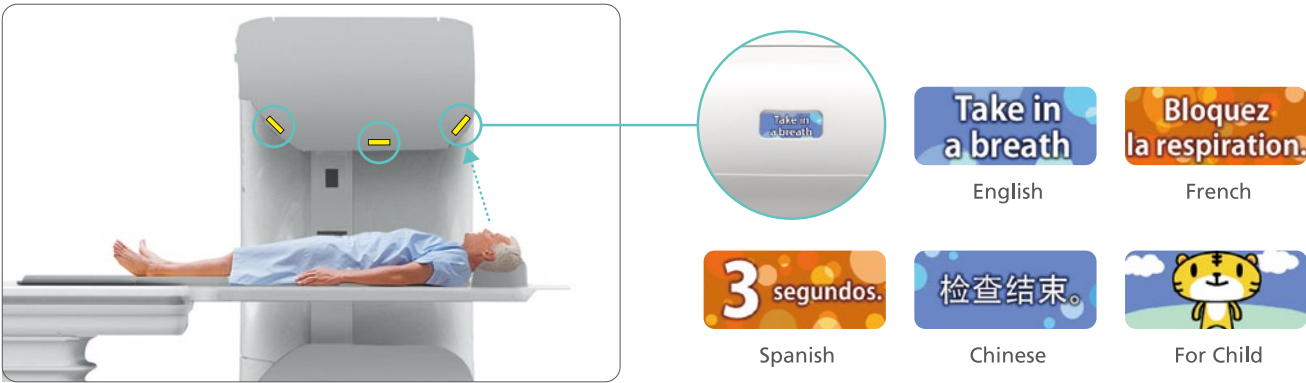
Advanced noise reduction processing employing iterative reconstruction technology that reduces image noise and artifacts while maintaining a high quality image.
7 levels of dose reduction can be selected to optimize dose and image quality per examination.
In addition, Intelli IP Quick can reduce the image reconstruction time of Intelli IP.



- Dose Reduction
- Image Noise Reduction
- Artifact Reduction

Breath Guide

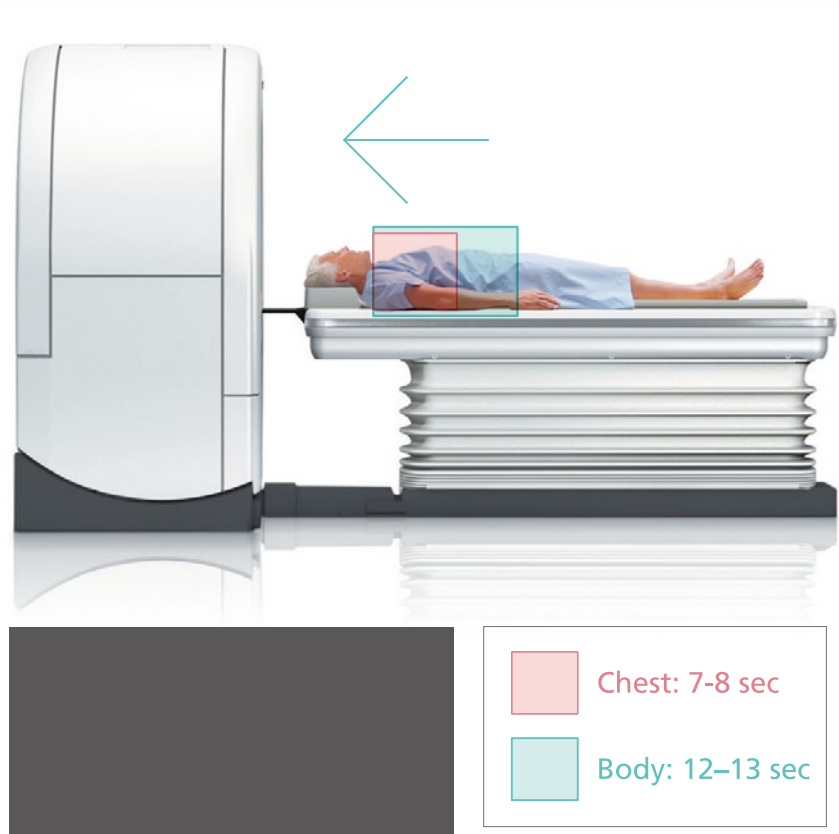
LCD displays at 3 positions inside the gantry, provide the patient with visual messages about breath holding. Combined with the auto voice prompt, this allows the patient to easily follow breathing instructions.



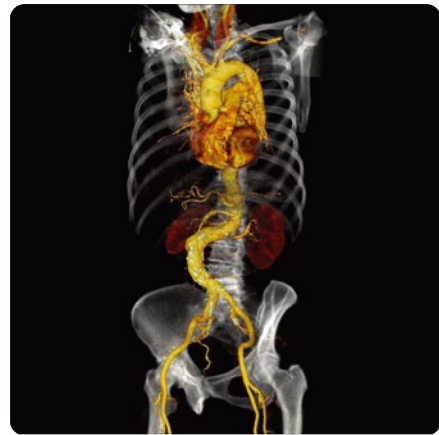
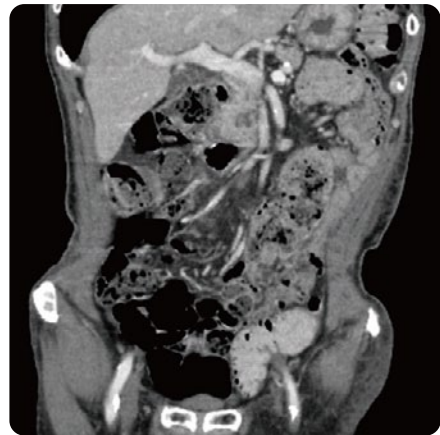
HIGH PERFORMANCE

Fast scan rotation, submillimeter slice thickness, high power generator, and advanced image reconstruction algorithms enable the Speedia to produce high resolution and high throughput imaging.

Fast scan rotation



CORE Method



FCT Speedia



EASY OPERATION

An operator-friendly GUI delivers the latest design CT system. Multi-function access from a single GUI provides an a quick and effective operating environment.

Wide & Compact

24-inch wide monitor clearly displays all the information in one view. Controller is attached to the keyboard. More compact operating environment than a 2 monitor console.

Intuitive GUI design

Intuitive and easier operation with a newly designed GUI. Quick-Entry mode enables simple operation for all users with fewer buttons and larger icons.



SYNAPSE[®] 3D

Experience Advanced clinical workstation.

SYNAPSE 3D, uses unique image recognition technologies to automatically extract organs and vessels. The technology enables automatic extraction of lung, lung lobes the bronchus, liver, portal vein and hepatic vein extraction. This feature makes possible a large variety of 3D analysis, such as visualization of chronic respiratory disease and Liver and Kidney preoperative simulations.

Image recognition



Applies Fujifilm image analyze technique which used on FUJIFILM digital camera



High quality
images



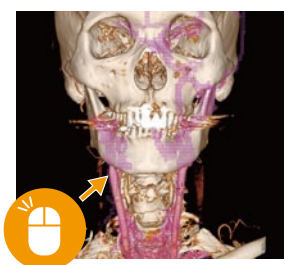
Stress-free
operation



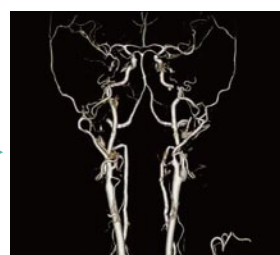
Application Expanding SYNAPSE 3D Clinical analysis

• Smart tracking

Based on the previously stored information, the areas recognized as blood vessels are extracted.



One-click operation to extract the areas that touches bones

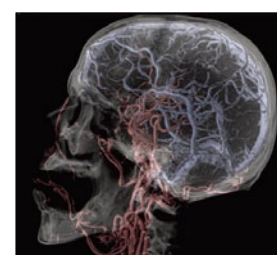


• Vessels

Vessels are extracted with one click by using image recognition technology



General CPR



Cerebral Arteries and Vein separation

• Bone removal

Bones are extracted or removed with one click based on the CT value and the shape of the region of interest recognized by the FUJIFILM Algorithm technology.



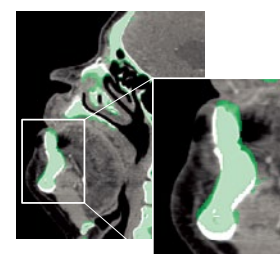
Skull removal



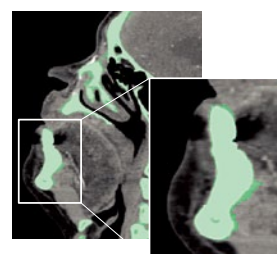
Lower extremity bones removal

• Non-rigid registration

Non-rigid registration enables SYNAPSE 3D to move an organs in images acquired at different phases, and different time points to be corrected.



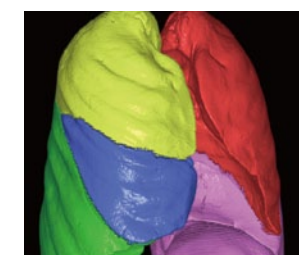
Rigid Registration



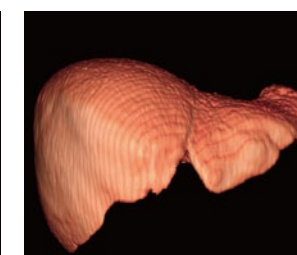
Non-rigid Registration

• Organs

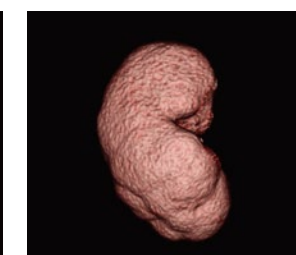
Image Intelligence™ makes it happen to extract organs and simplify your work.



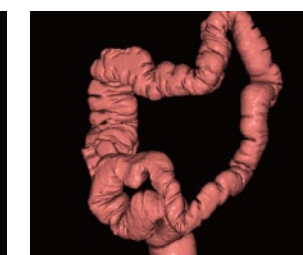
Lung lobe



Liver



Kidney



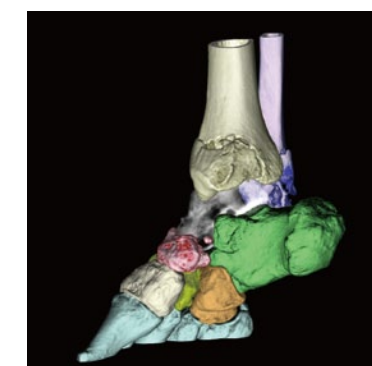
Colon



Lung Analysis



Virtual Endoscope



Orthopedics



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Specification

Number of Slice	16 slice (Standard) / 32 slice (Optional)	Standard software	Intelli IP (Iterative processing for noise reduction), IntelliEC (Automatic exposure control), Predict Scan (Contrast medium monitoring), CEV-CPR (Blood vessel analysis software), DICOM 3.0 Image transfer, DICOM Print, Simple Dose Report, DICOM Dose SR
Detector	0.625mm X 32rows		
Scan time	0.75~2sec		
Slice thickness	0.625mm (min.)		
Bore diameter	750mmφ		
X-ray tube capacity	5MHU	Power supply voltage	3-phase 380 / 400 / 415 / 440 VAC
X-ray tube voltage	80, 100, 120, 140kV		
X-ray tube current	10~400mA		
		Power supply capacity	75kVA

Specification are subject to change without notice. All brand names or trademarks are the property of their respective owner.
The model type of FCT Speedia is Supria. For the details of regulatory information and availability in your country, please contact our local representative.
All products require the regulatory approval of the importing country.

