



THE  
IMAGING  
SOLUTIONS COMPANY



**FUJIFILM**  
Value from Innovation



# SCENARIO VIEW

Focus Edition

with available Cardio StillShot Motion Correction

the next level in ct

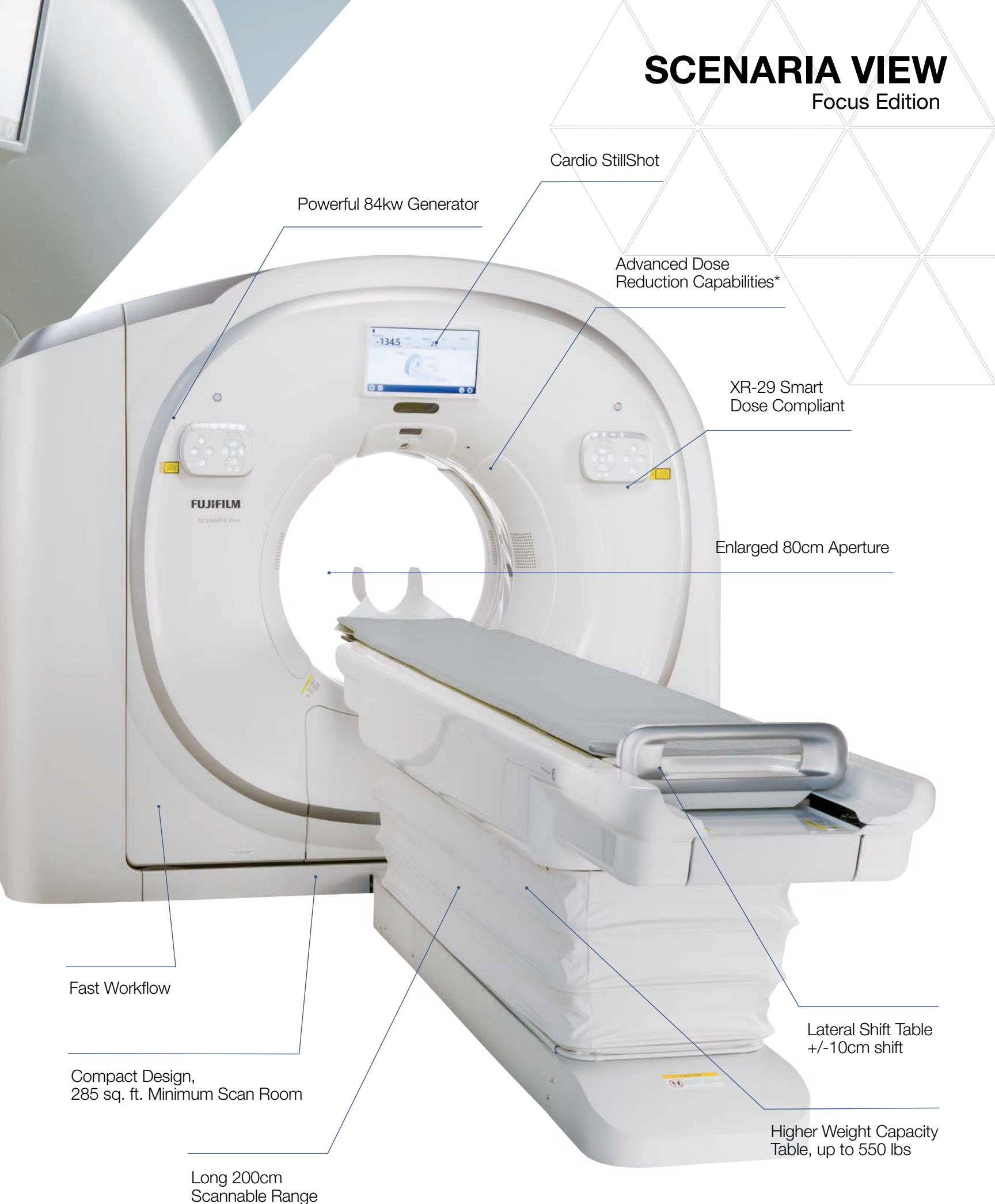
A close-up photograph of a Fujifilm SCENARIO View CT scanner. The image shows the control panel with various buttons and a small screen, the open gantry, and the patient bed. The brand name 'FUJIFILM' and model 'SCENARIO View' are visible on the side of the machine.

# Efficiency

Experience enhanced workflow speed and clear CT image quality across a wide range of applications using 64 slice acquisition and up to 128 slice reconstruction. Access the latest dose awareness, reduction, and management features.\* Benefits include more open patient access, lower cost of ownership and available Cardio StillShot motion correction with the Fujifilm SCENARIO View Focus Edition.

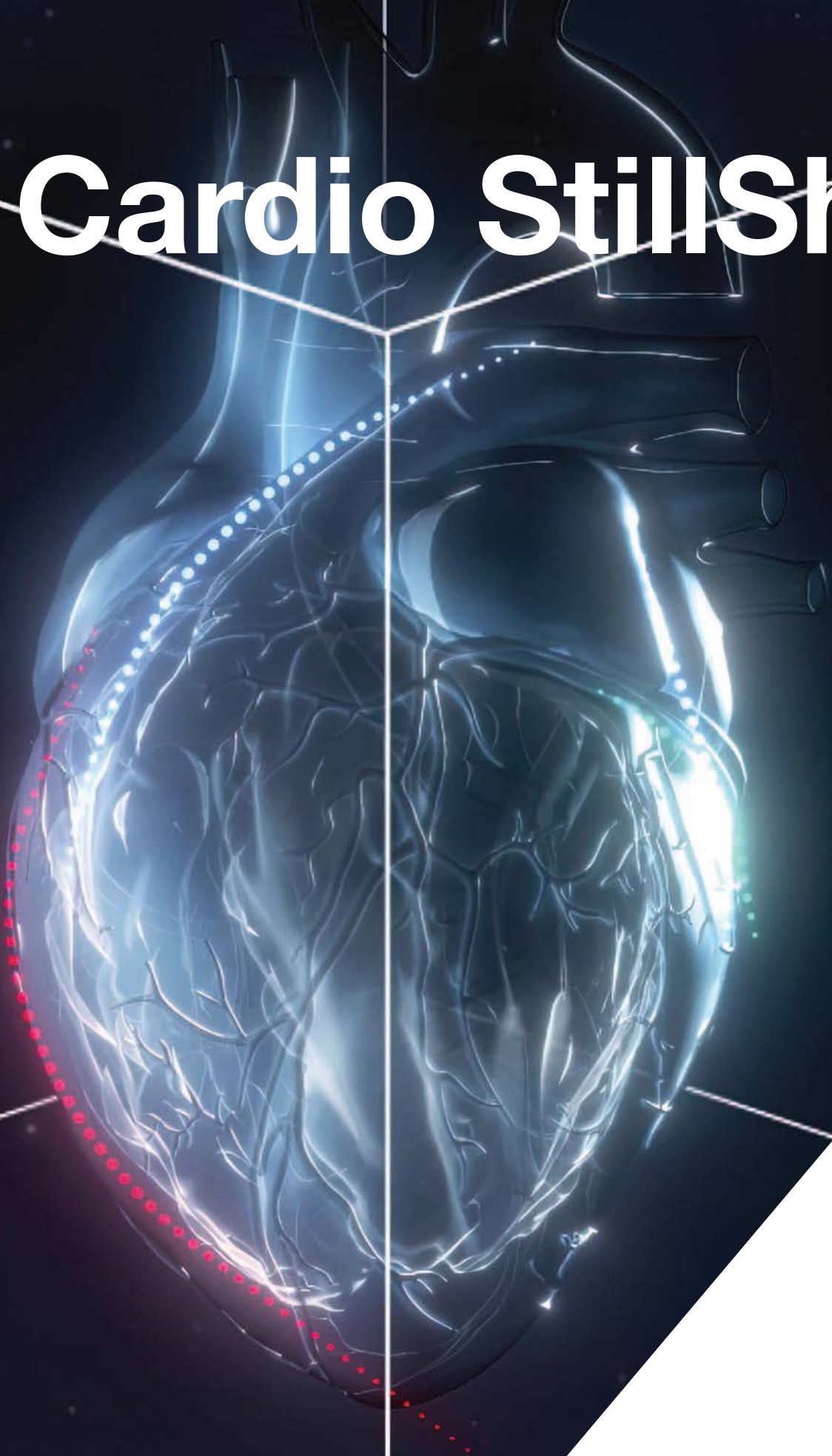
# SCENARIO VIEW

Focus Edition



\* In clinical use, dose saving features may reduce CT patient dose depending on the clinical task, patient size, anatomical location and clinical practices employed. Consultation with a radiologist and physicist are recommended to determine the appropriate dose needed to obtain diagnostic image quality for a particular clinical task.

# Cardio StillShot

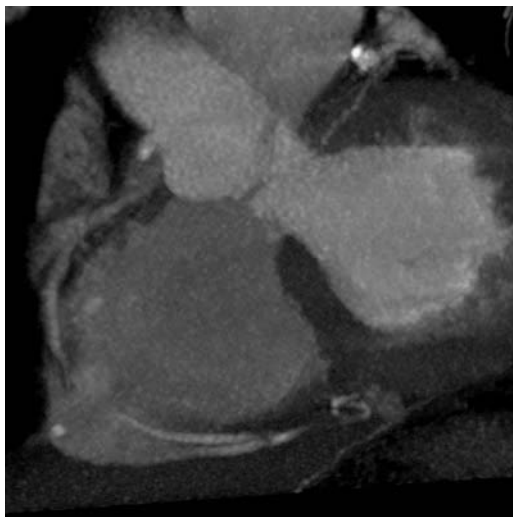


## A Revolution in Temporal Resolution

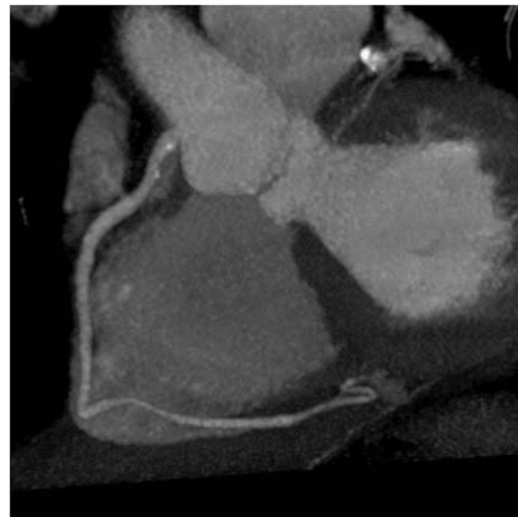
Cardio StillShot provides motion correction for the whole heart, including arteries and valves. Its revolutionary, proprietary algorithm creates clear, high-quality images for even the most challenging heart rates.

Without adequate temporal resolution, increased motion can make CT imaging unreliable for accurate diagnoses. Cardio StillShot corrects for motion by acquiring two data sets within the target reconstruction phase. These data sets are compared against each other as voxels to detect and calculate motion. With this motion data, Cardio StillShot generates a Four D-Motion Vector Field to deliver images that are artifact-free.

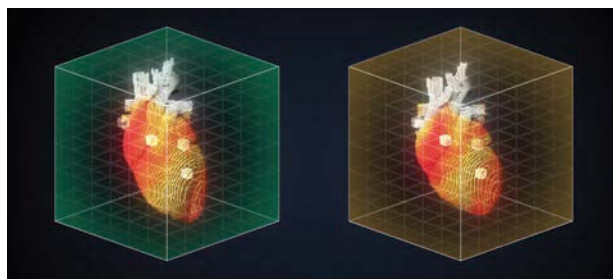
The final image has an effective temporal resolution of just **28 milliseconds** compared to 175 milliseconds without Cardio StillShot. **That's an improvement of more than six times.**



Without Cardio StillShot



With Cardio StillShot

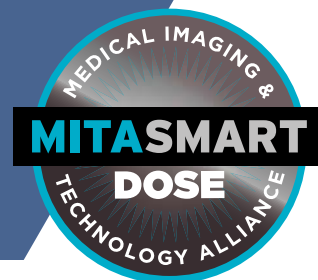




# Quality

The Focus Edition is an outstanding CT for Radiology, Cardiology and Emergency Departments as well as Outpatient locations that delivers a unique synergy of:

- High Image Quality with Lower Dose\*
  - Capability
  - Affordability
  - Reliability



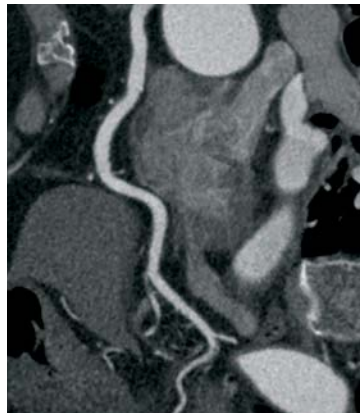
# SCENARIO VIEW

Focus Edition

## High Image Quality & Workflow

The Focus Edition employs 64 discrete detector/electronics channels over 40mm detector coverage for rapid true 64 slice thin-slice imaging and reconstructs up to 128-slices per scan rotation.

Sub-millimeter slice capabilities optimize finely detailed images for small lesion and vessel assessment, while metal artifact reduction capabilities enable orthopedic exams without objectionable metal induced artifacts.



## Versatile Capabilities

The Focus Edition is a powerful premium performance CT solution providing high image quality and dependable routine application capabilities with advanced clinical application options available for:

- 80mm Axial and 120mm Helical Coverage Shuttle Scan for Perfusion Exams
- Calcium Scoring
- Advanced Cardiac CTA with Cardio StillShot motion correction
- Interventional Needle Guidance
- Dual Energy Exams
- Synapse 3D Visualization Servers and 2<sup>nd</sup> Console options



FUJIFILM

SCENARIO View

# Advanced



80cm gantry aperture

# SCENARIO VIEW

## Focus Edition

### Innovative Focus Edition Advantages

The Focus Edition is an outstanding workhorse product in every regard and differentiates itself vs. competing systems with important design and performance advantages.

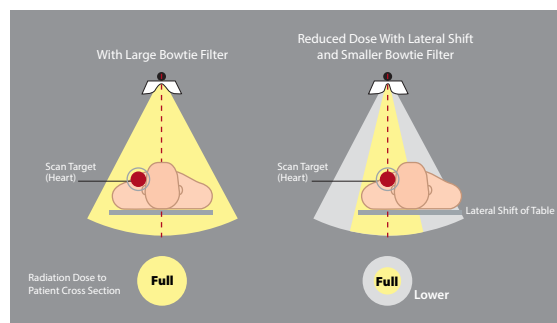
### Superior Access and Scan Capability for Obese and Tall Patients

The Focus Edition provides excellent bariatric (and tall) patient capabilities by combining a standard 550lb table weight capacity, a more spacious and patient friendly open 80cm gantry aperture, a more powerful 84kW generator, providing up to 700mA operation and the multiple benefits of an automated lateral shift table. The Focus Edition's table also provides extended coverage of up to 200cm to be able to scan a full patient length of 6.5ft.

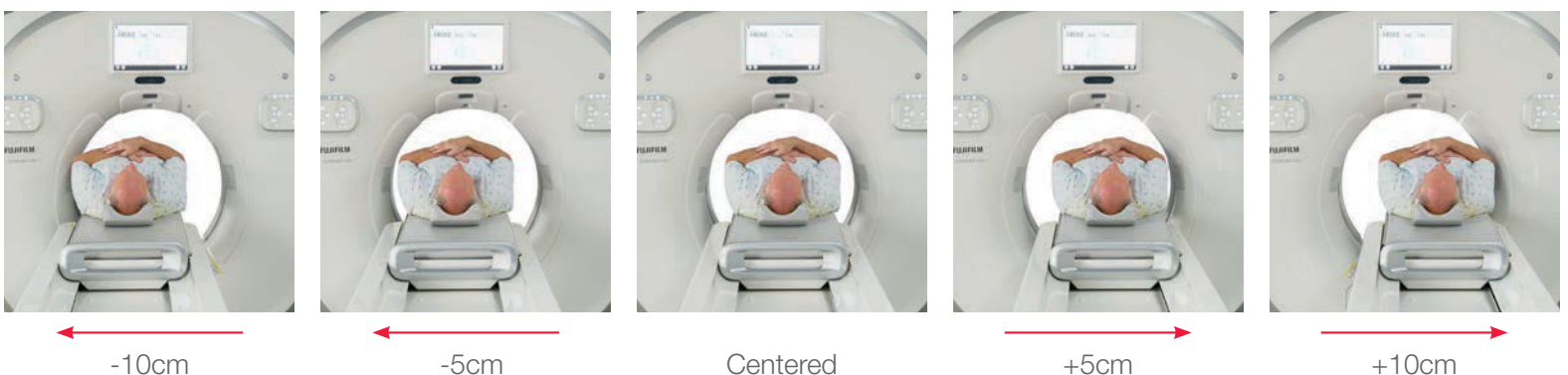
### Lateral Shift Table

Advantages of the standard Auto Lateral Shift Table that enables  $\pm 10$ cm lateral shift (20cm total shift range) include providing easier and more accurate positioning of the patient's anatomy of interest at the scan Field of Focus Edition's isocenter where spatial resolution can be better than off-center. And, used together with the scanner's small bow-tie filter dose\* can be reduced vs. a non-centered patient.

Larger Bowtie Filter required for larger FOV coverage of off-center scan target



Smaller Bowtie Filter used with Lateral Shifting Table for smaller FOV scan of centered scan target





# Technology



# SCENARIO VIEW

Focus Edition

## Feature Technologies

The Focus Edition's enhanced clinical performance is driven by numerous technological advances that Fujifilm has refined to create an outstanding CT System.

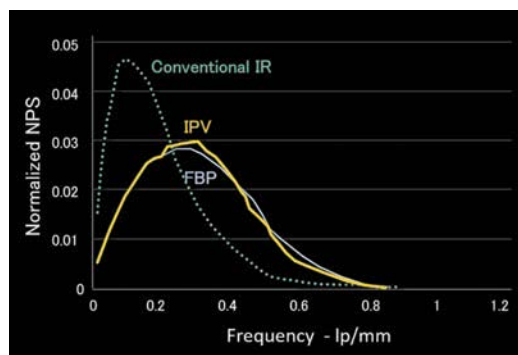
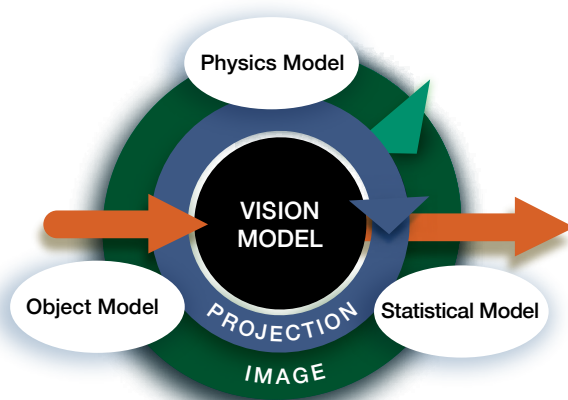
### Intelli IPV – Iterative Reconstruction

IPV is Fujifilm's Next-generation "vision modeled" iterative processing that provides dose reduction and overcomes a conventional IR weakness by IPV maintaining normal image texture that better matches the image texture appearance of Filtered Back Projection (FBP).

#### Utilizing IPV vs. conventional FBP reconstruction can provide\*\*:

- Dose reduction up to 83% at the same image quality (low contrast detectability)
- Image noise reduction up to 90% at the same dose
- Noise reduction rate control according to the IPV level used
- Low contrast detectability improvement by up to 2.0X (100%) at the same dose
- Natural image texture appearance (the shape of noise power spectrum) similar to that of FBP, even if using higher IPV strength level

### Vision Modeled Iterative Reconstruction



### HiVision Detector

To further enhance image contrast detectability the Focus Edition's new HiVision Detector integrates digital signal processing within each detector module to minimize electronic noise in the acquired attenuation data. HiVision reduces electronic noise by 25%.

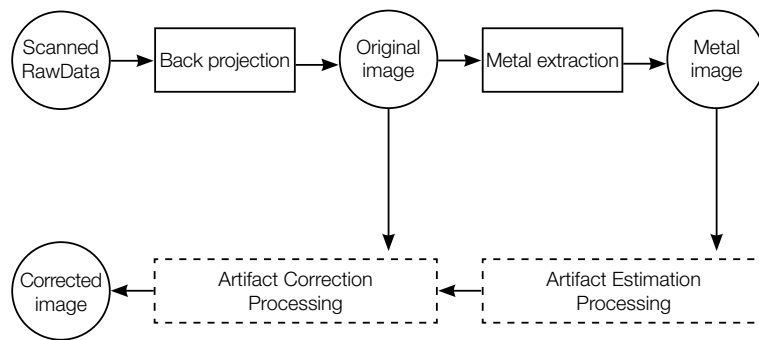
#### \*\* Notes:

In clinical practice, the use of Intelli IPV may reduce CT patient dose depending on the clinical task, patient size, anatomical location, and clinical practice. A consultation with a radiologist and a physicist should be made to determine the appropriate dose to obtain diagnostic image quality for the particular clinical task. Low contrast detectability (LCD) and image noise were assessed using reference factory protocols comparing Intelli IPV and FBP, and the LCD measured in 0.625mm slices and tested using the MITA CT IQ Phantom (CCT189, The Phantom Laboratory), using model observer method.

## Feature Technologies (Continued)

### HiMAR Plus - Metal Artifact Reduction

HiMAR Plus enables orthopedic exams without objectionable metal induced artifacts, by correction of raw data.

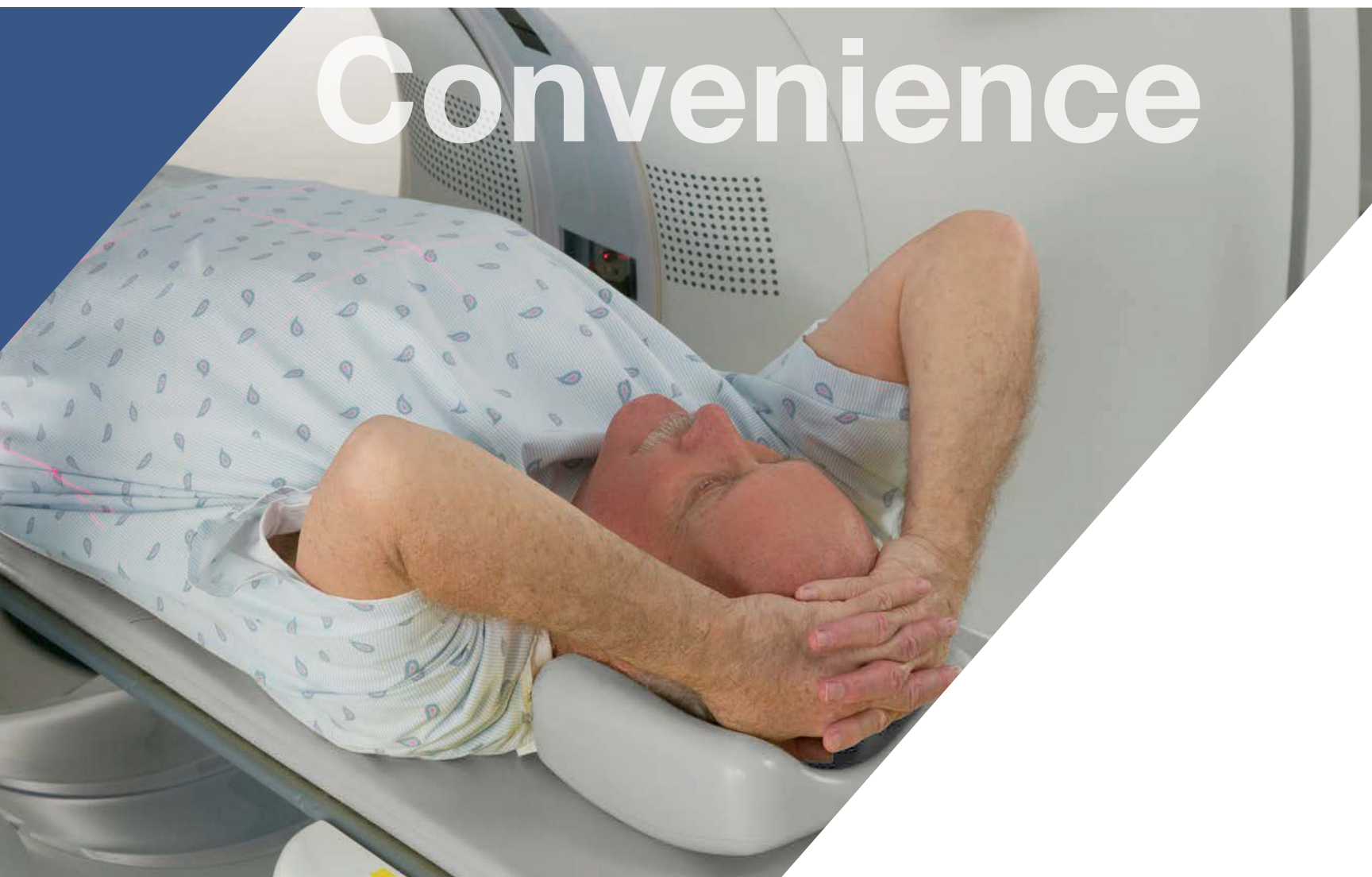


Before HiMAR Plus



After HiMAR Plus

# Convenience



# SCENARIO VIEW

## Focus Edition

### **Automated Cardiac**

The Focus Edition's advanced optional Cardiac StillShot package provides advanced cardio motion correction. There are many automated features to ensure optimal pre-scan and post-scan protocol selection with informative cardiac phase images for enhanced clinical results and workflow. An available prospective step & shoot and retrospective dose-modulated ECG Gated acquisition ensures that the Focus Edition has higher quality study results for a wider range of patients.

### **Compact Design**

Building upon Fujifilm's expertise as a leading micro-electronic designer, the Focus Edition makes efficient use of limited room space and is comprised of only 3 system modules: the gantry, table and operator's console. There are no other CT system cabinets, enabling the Focus Edition to fit into spaces that are smaller than previous CT designs.



### **Eco Friendly**

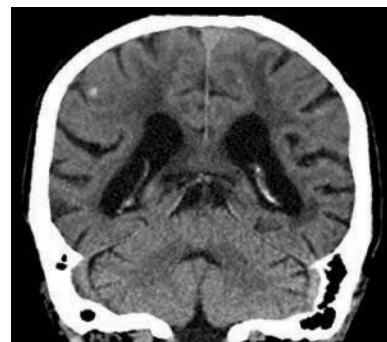
With consideration for minimum resource usage, the Focus Edition incorporates Eco-Mode that can reduce power consumption by up to 70% during non-use shifts with programmable predetermined wake-up and warm-up time.

### **Advanced 3D Visualization Capabilities**

The Focus Edition is compatible with a wide range of optional Advanced 3D Visualization Server solutions and can be seamlessly embedded in your current information network. Fujifilm offers its own 3D visualization solution, Synapse 3D, a market leading technology that can enhance the tools you use today.



# Excellence

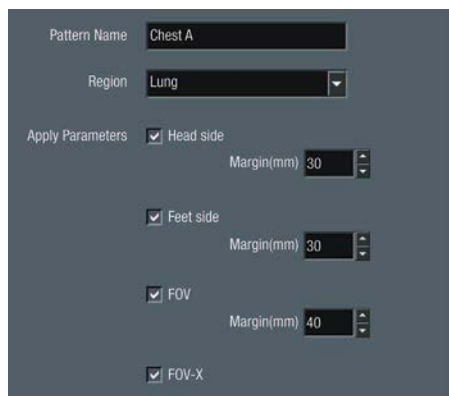


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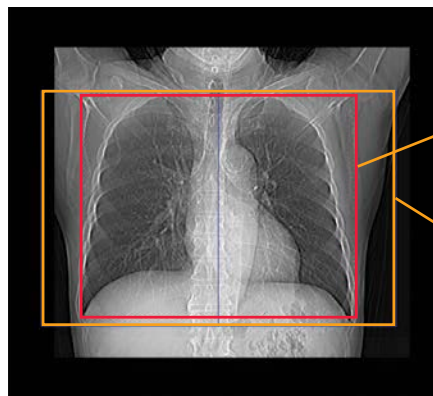
Focus Edition

## Ease of Use

With SynergyDrive enhanced workflow, the Focus Edition dramatically reduces examination time by automating and shortening the operator's procedure steps. AutoPose, using an automated algorithm, automatically suggests the scan range and dimension based on protocol and patient's size observed during the Scanogram (Scout) scan.



AutoPose setting screen



Automatic  
recognition  
of region

Margin  
Setting

Region auto selected

## Broad Clinical Applications

The Focus Edition includes a wide range of customizable adult and pediatric protocols for lower dose acquisition. The Focus Edition includes XR-25 Dose Check control and is also XR-29 Compliant. It also has FDA 510(k) Cleared Indication for Use for low-dose CT lung cancer screening.

Fujifilm's patient focused philosophy is built into the Focus Edition. Its leading dose reduction and awareness features put the patient first without compromising image quality - meeting ALARA (As Low As Reasonably Achievable) standards.



## Unmatched Customer Support

The Focus Edition is backed by Fujifilm's unmatched support capabilities including 99% Uptime guarantee, comprehensive in-service training, unlimited scheduled applications revisits during warranty & full service contract period. It also includes our advanced marketing programs to help you get the most out of your purchase.

# Support



### **Seamless Site Planning and Installation**

With a smaller gantry/table footprint, the Focus Edition is the ideal choice for replacing your older CT with little or no reconfiguration of room space. You can depend on your Fujifilm site planning expert to be there and guide you every step of the way.

### **On-site/Off-site Training**

Comprehensive on-site applications training with no-charge follow up visits come standard with every Fujifilm warranty and full service contract. So, when you need to update the skills of your existing workforce, or train new employees, the experts at Fujifilm will do the training without added financial burden to your facility. Our on-site and corporate facility training programs (FITS) are continually revised so that the latest dose reduction strategies and best operating practices are always at the forefront of your CT experience.

### **99% Uptime Guarantee**

Expect reliability. Your system is running 99% of covered time during every quarter or you receive additional service at no cost.

### **Sentinel™ Remote Service**

Your warranty and service contract comes with remote service support including diagnostics, image review, raw data analysis, read error messages, monitor operating parameters and more.



## Innovating for a healthier world

Fujifilm transformed its corporate structure for growth by expanding beyond the traditional photographic film business to six priority business fields, including healthcare – ranging from diagnostic imaging to regenerative medicine.

Our R&D innovations over the decades find us today with highly specialized expertise in increasingly relevant technologies that inform modern healthcare.

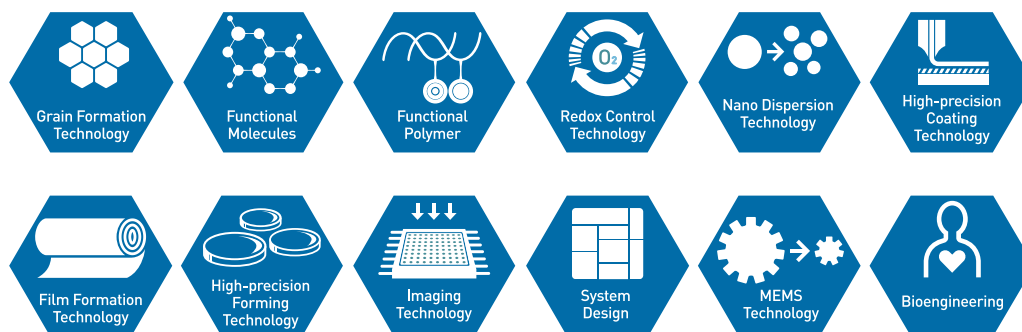
For over 80 years Fujifilm has continually invested in research and development resulting in world-class, highly versatile fundamental core technologies.

These technologies and knowledge were accumulated in the photographic film business. Today this expertise allows Fujifilm to design and innovate new products and services for diverse businesses that will shape the future for Fujifilm.

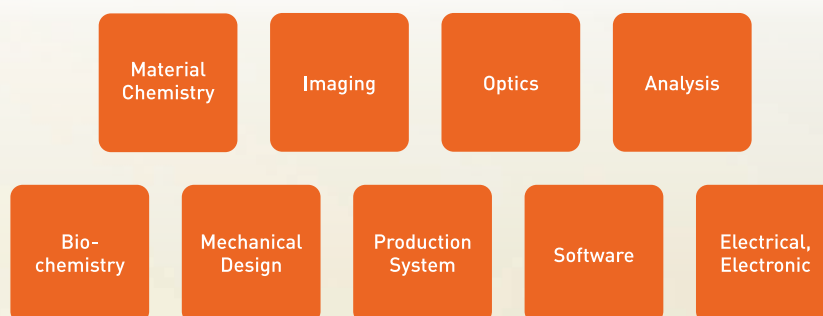
We describe this birth of new applications and technologies from Fujifilm's extraordinary background of innovation as leveraging fundamental core technologies.



## CORE TECHNOLOGIES



## FUNDAMENTAL TECHNOLOGIES



All of these diagnostic and therapeutic technologies form a highly connected, holistic approach to healthcare, with the goal of helping patients along the entire care pathway, from the earliest diagnosis right through to the development of new regenerative treatments.



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