

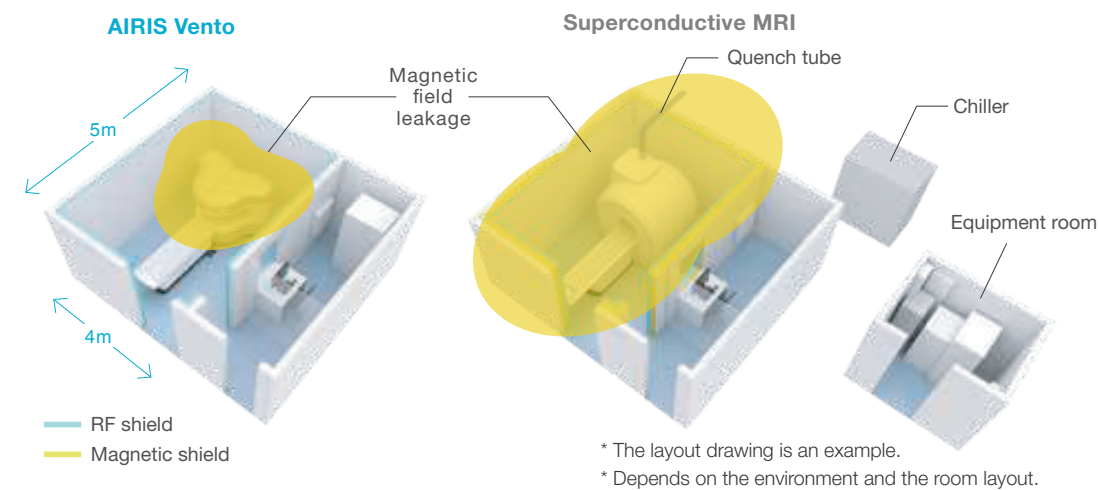
WHY CHOOSE OPEN MRI?

Cost advantage Comparison of installation conditions between AIRIS Vento and Superconductive MRI

Reduced initial cost

In permanent magnet Open MRI technology, the magnetic field remains strong over the years with barely any change.

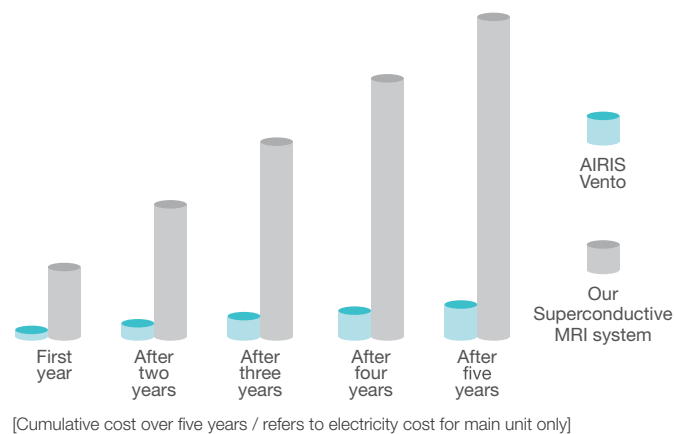
System	Equipment room	Chiller cooling system	Magnetic shield	Cubicle	Quench tube Intake and exhausted system
Our Superconductive MRI system	Necessary	Necessary	Necessary	Necessary	Necessary
AIRIS Vento	Unnecessary*	Unnecessary	Unnecessary*	Unnecessary*	Unnecessary



Reduced running cost

With permanent magnet MRI, running costs can be reduced because the power consumption of the main unit is low and a cooling system with high power consumption is not required.

System	Power consumption (system)	Power consumption (cooling system)	Maintenance
Our Superconductive MRI system	High cost	High cost	High cost
AIRIS Vento	Low cost	Unnecessary	Low cost



Achievements

From about 40 years, we have been leading the way in open MRI. With more than 8,000 MRI systems delivered worldwide, we are at the forefront of Open MRI technology.

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FUJIFILM
PAKISTAN (PVT) LTD.

OVER **8000**

units

JAPAN **3,720**

U.S.A. **2,170**

EUROPE **910**

ASIA **990**

OTHERS **320**

AIRIS Vento *with* SynergyDrive



The world's leading

OpenDesign

Open MRI with ease of use and speed

01
Securing time for patient care
Improve patient satisfaction

02
Plus One Scan with shorter imaging time

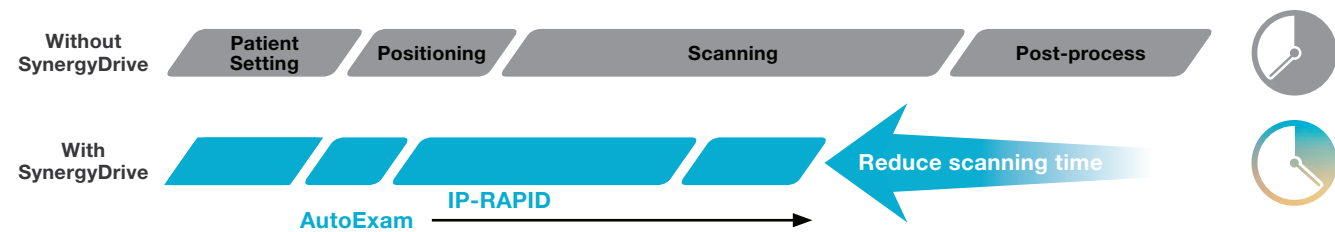
03
Improved image quality with higher spatial resolution
With the same imaging time as conventional models

Reason for EASY & SPEED

SynergyDrive

Scan Time
30% Reduction*

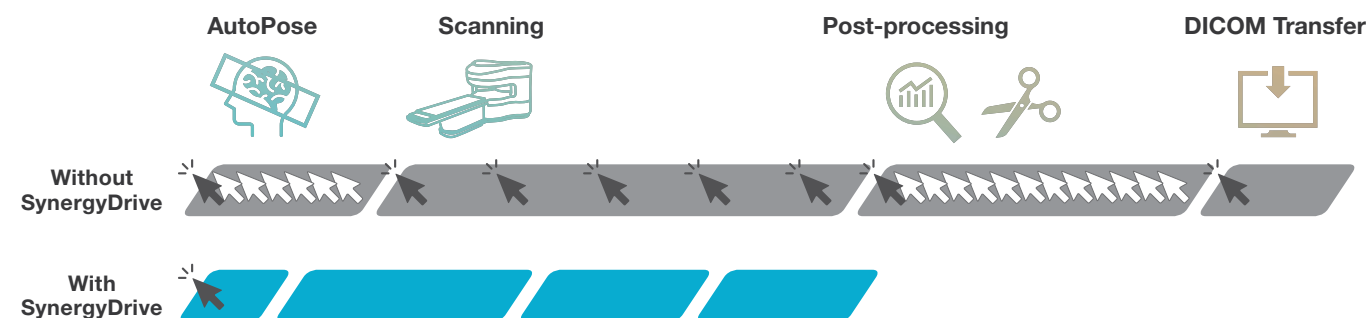
Minimize the “effort required” in MRI scanning to increase the time available for examining the images and providing patient support.



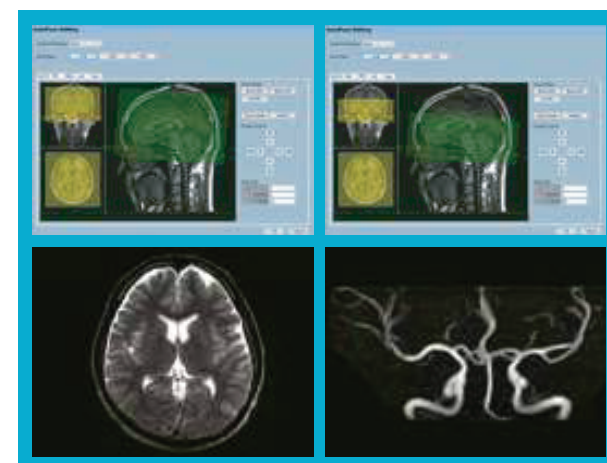
AutoExam**

**Automated imaging operation:
Efficiently support complicated operations**

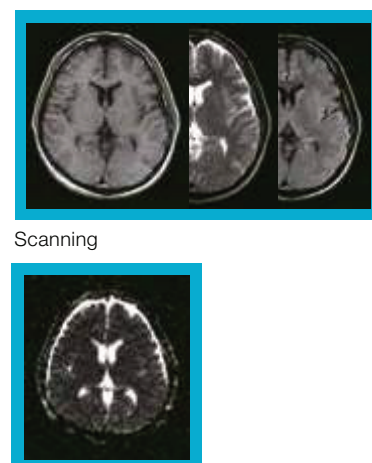
Slice positioning, image analysis, image display, image storage, and image transfer can be performed with single click.



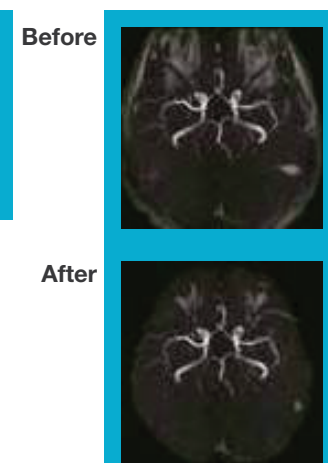
Start scanning with just a click



AutoPose: Proposes slice positioning according to a preset scanning section



Analysis



AutoClip: Minimizes workload with the automatic clipping function

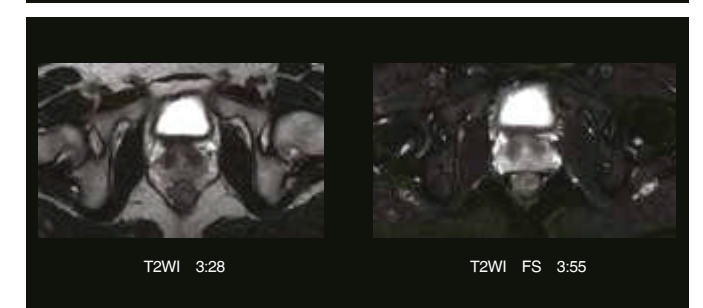
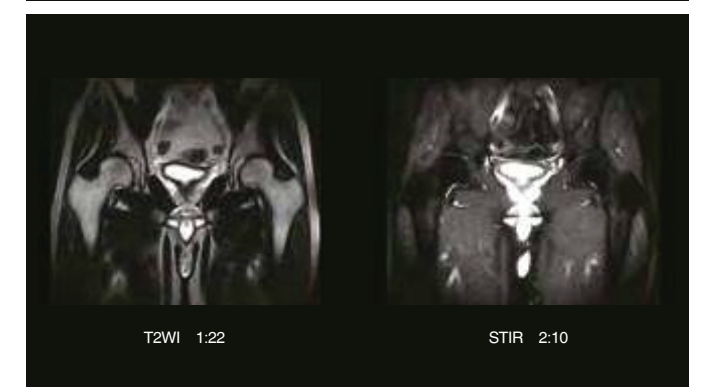
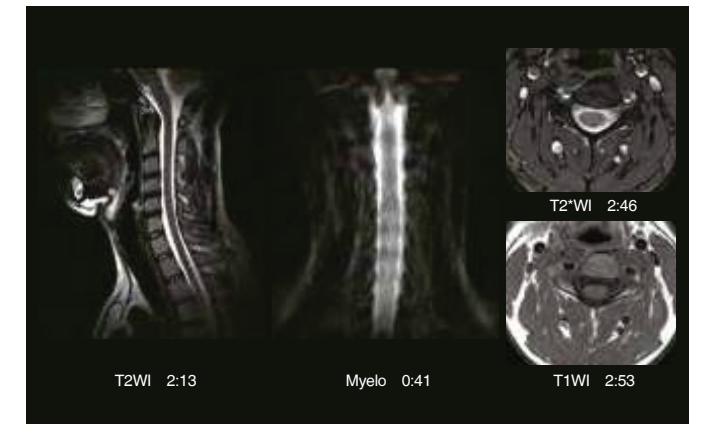
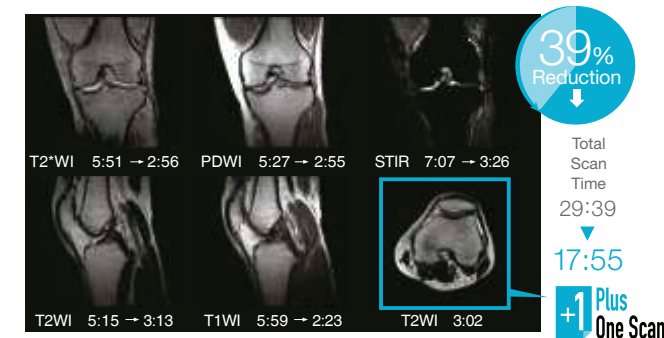
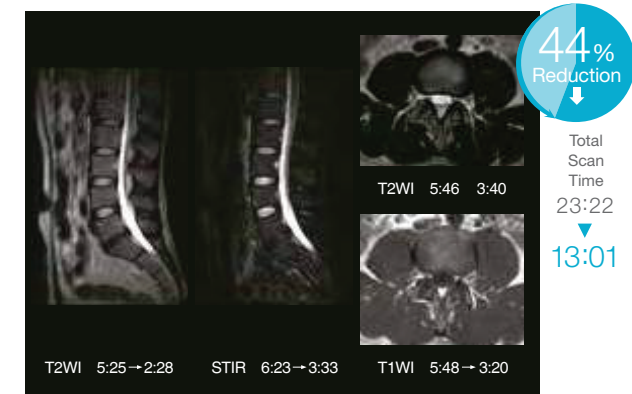
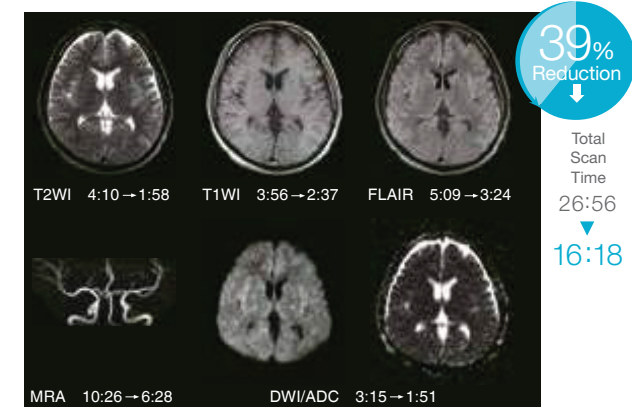


IP-RAPID**

**High-speed imaging:
Quickly provides information useful from diagnosis to treatment**

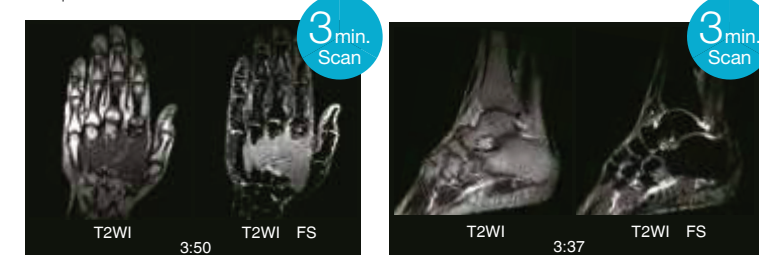
IP-RAPID is a technology that reduces scan time while maintaining a high image quality by using undersampling and image reconstruction utilizing iterative image processing.

01 For all anatomical regions



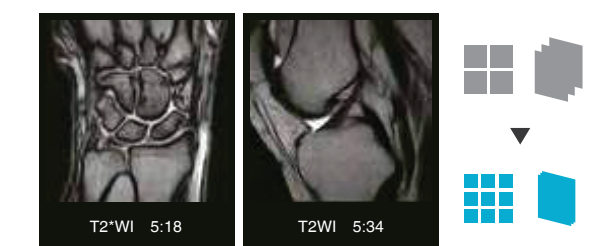
02 Multi images in one scan

IP-RAPID can be combined with various pulse sequences such as FatSep that can offer multiple contrast images with one acquisition.



03 For higher image quality

IP-RAPID offers higher resolution images without increasing scan time.



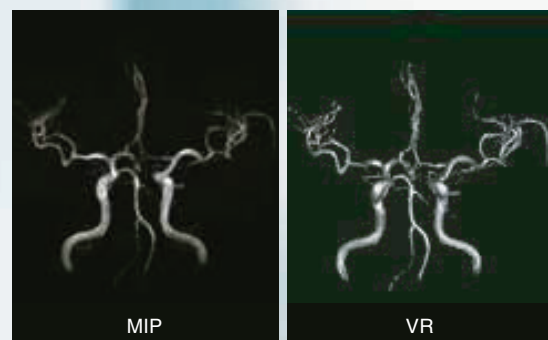
Prime Imaging

Technology improves image quality.

■ Volume Rendering(VR) Function**

Supports diagnosis of complex vascular structures

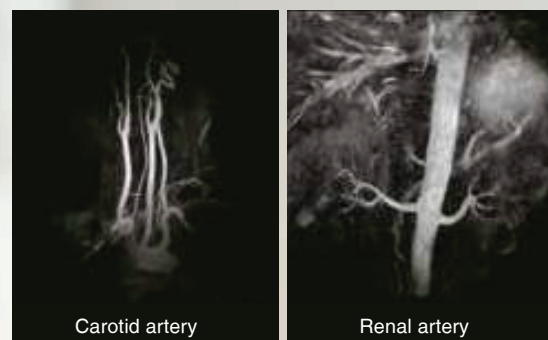
Volume rendering, a reconstruction method, can be created on the console. The blood flow movement can be determined stereoscopically compared to MIP, providing support to diagnosis of regions with complex vascular structures such as the head.



■ VASC-ASL**

Variations on non-contrast MR angiography technique

VASC-ASL is a non-contrast MRA imaging function that uses 3D BASG (Balanced SARGE) to visualize the blood flow labelled with IR pulses. This function is used to produce images of carotid artery, portal veins, renal arteries, and upper and lower extremity arteries.



■ 3DGEIR

Acquire high contrast, 3D, high spatial resolution images

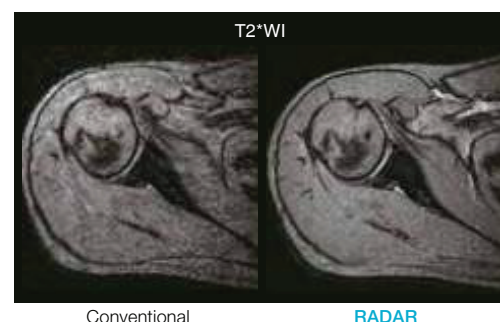
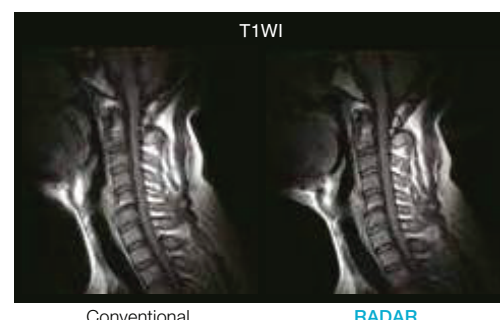
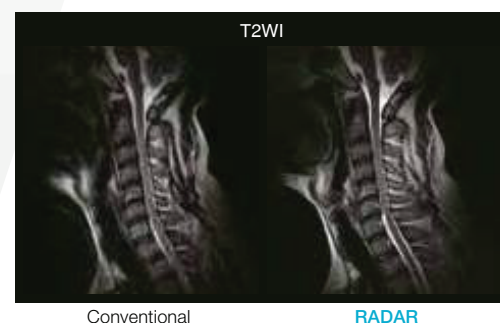
This function offers high-speed T1WI imaging through Gradient Echo with IR pulse. This allows high contrast, 3D, high spatial resolution images for measurement of volume data when imaging the head.



■ RADAR

Motion reduction capability

RADAR uses radial scan technology to mitigate motion artefact caused by a patient's body movement. Available with T2WI but also T1WI and FLAIR imaging in any plane and any body region including the head, shoulder joint, and cervical spine



Premium Open MRI Design

OpenDesign makes comfortable.

■ Lateral Slide

Enables high-definition imaging even in off-centered regions

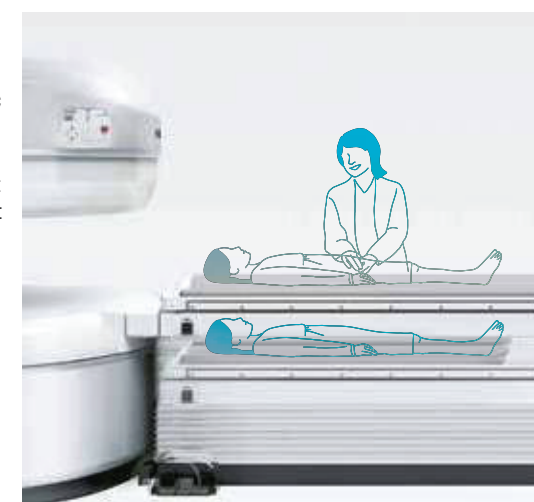
AIRIS Vento's table can be moved laterally (right and left) inside the gantry. Therefore, any region that is out of the midline (shoulder, knee, etc.) can be centralized to the magnetic field.



■ Floating Table

Designed for comfort, accessibility and isocentric imaging

With lateral table shift, the patient table can be moved left and right within the gantry. The table lowers to 490mm for easy access. The 700mm wide table provides comfort and security for patients.



Compact size.

Open design.

Wide viewing angle.

Designed for positive patient experience.

■ Footswitch**

Allowing the operator to focus on the patient

The adopted footswitch enables hands-free control of the table in the vertical and horizontal direction, allowing the operator to focus on patient care.



Technology expands the capability.

- SuperShim
Reduces magnetic field non-uniformity which cannot be corrected with primary shimming
- Curved MPR
Reconstruction capability of various cross-sectional images
- High Sensitivity Receiver Coils
Especially effective for images with a small FOV and high spatial resolution
- ORIGIN7 System Software
User interface designed via voice of customer
- FatSep Function
Provides fat suppression imaging with high SNR
- User Interface (UI) Suggestions
Supports alteration of imaging parameters
- Radial MPR
Offers simultaneous image reconstruction of multiple cross-sections
- High Reconstruction Imaging
Supports high-definition imaging

Operation makes more efficient.

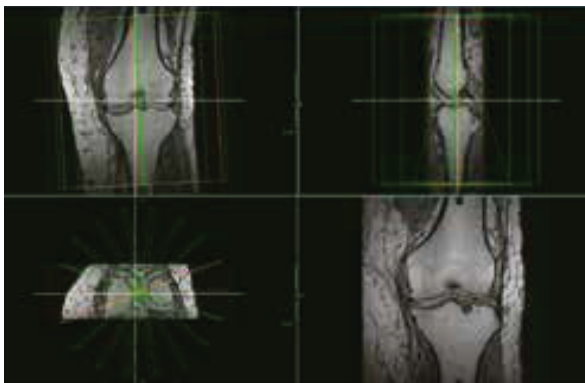
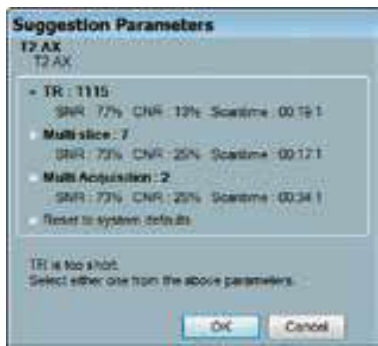
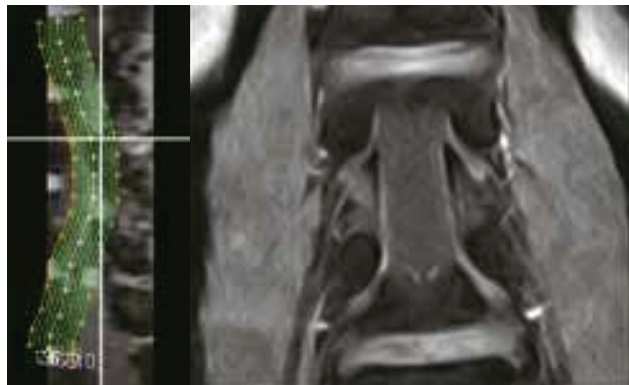


Image Gallery

