

+ Superb image quality

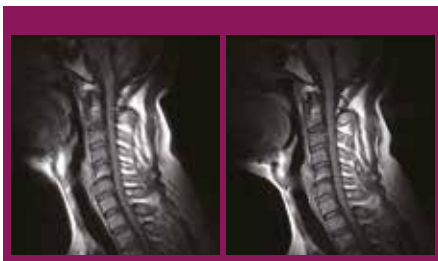
Reduce motion artefacts with ALL AROUND RADAR

RADAR is a motion artefact reduction technique that fills k-space radially. RADAR GrE is now available on APERTO Lucent Plus.



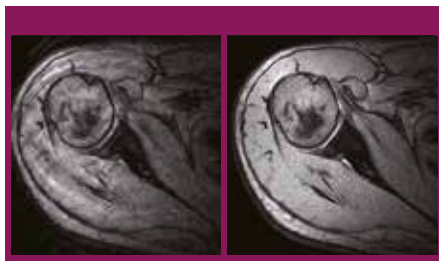
Conventional

RADAR



Conventional

RADAR



Conventional

RADAR

+ Cost saving

[Ease of Installation]

Reduced construction costs with easy siting

An MRI installation usually includes two types of shielding: RF shielding to block any high frequency noise from the outside and magnetic shielding to suppress leakage of the magnetic field from the inside. However, a permanent magnet MRI system generally does not require any specific magnetic shielding, so the cost of construction is reduced. Removing many of the construction processes usually associated with superconductive systems, results in faster and easier installation ensuring your Open MRI is up and running in a shorter timeframe.

[Small Footprint]

APERTO Lucent Plus's compact design significantly reduces the space required for installation

APERTO Lucent Plus consists of three main units: gantry, console and power supply system; far fewer than a superconductive MRI. The MRI room can be very compact due to the 0.5mT fringe field being so close to the isocentre of the magnet. Since an equipment room is not required, the overall footprint of the MRI suite is reduced and it can be installed in minimal space. A water cooling system (chiller), which is mandatory for superconductive MRI, is not required.

[Making MRI Affordable]

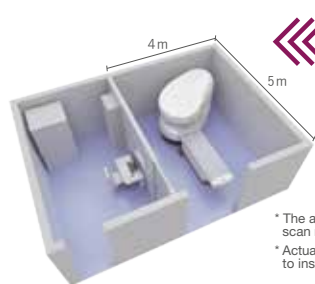
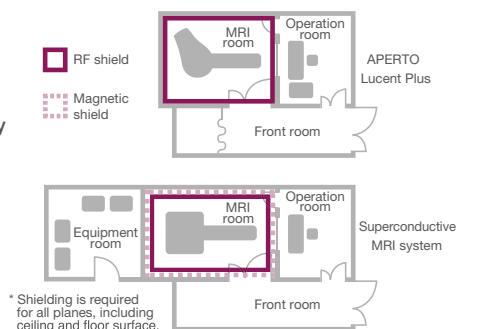
Low running costs together with an attractive initial investment accelerate your MRI business and offer an excellent return on investment

In permanent magnet Open MRI technology, the magnetic field remains strong over the lifetime of the system with barely any change. Unlike superconductive MRI, there is no need for additional equipment and infrastructure in order to maintain the magnetic field, thereby keeping costs low. A low capacity power supply requirement means the initial power system cost can be minimized and the low energy consumption reduces monthly running costs, too.

System	Power supply capacity
Superconductive MRI system	29kVA ~ 125kVA
APERTO Lucent Plus	9.5kVA

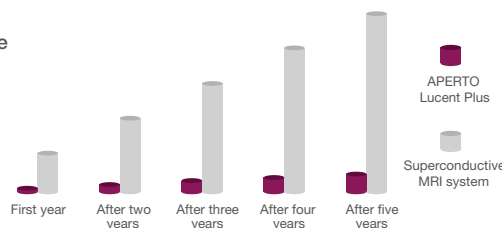
[Cumulative cost over five years / refers to electricity cost for main unit only]

* The graph is an example. The figures may vary according to system specifications and operating conditions.



Magnetic shielding is not required

* The area for standard layout of scan room is 5 m x 4 m.
* Actual layout will vary according to installed environment.



FUJIFILM
Value from Innovation



APERTO Lucent Plus

**PRIME PERMANENT
OPEN MRI SCANNER
WITH SYNERGY DRIVE**

FUJIFILM

Manufacturer

FUJIFILM Healthcare Corporation

2-1 Shintoyofuta, Kashiwa-shi, Chiba, 277-0804, Japan
www.fujifilm.com/fhc/en

Importer and distributor for Europe

FUJIFILM Healthcare Europe Holding AG

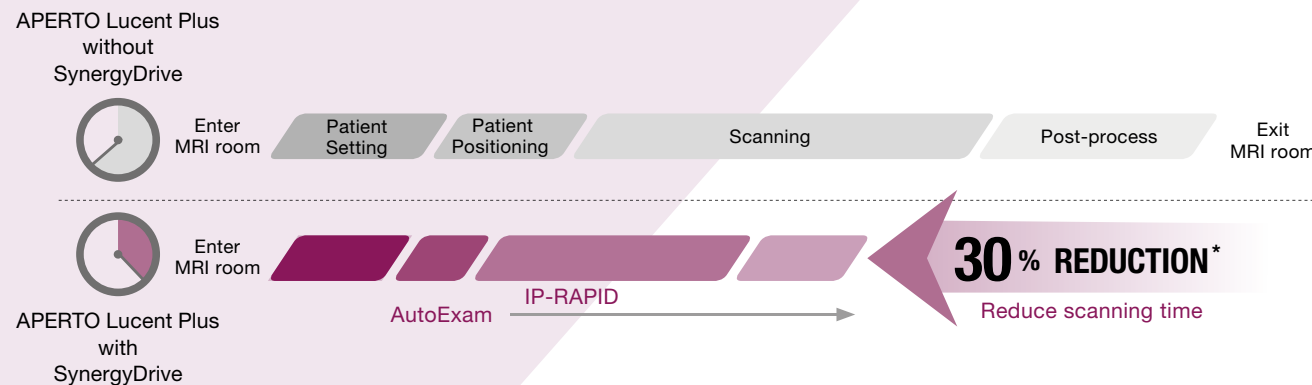
Sumpfstrasse 13, 6312 Steinhausen, Switzerland
www.fujifilm.com/hce

- APERTO, APERTO Lucent, and FatSep are registered trademarks or trademarks of FUJIFILM Healthcare Corporation in Japan and other countries.
- This brochure may contain descriptions of optional functions and products.
- Specifications and physical appearance may change without prior notice.
- Please refer to the operation manual and the related documents for appropriate use of this product.

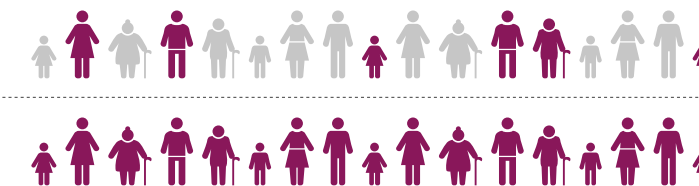
APERTO Lucent Plus-FF/EU-Version/EN,11/2021/v1/NIK

+ SynergyDrive

Improve your examination workflow with new "fast scanning" and "automation" solutions.



APERTO Lucent Plus

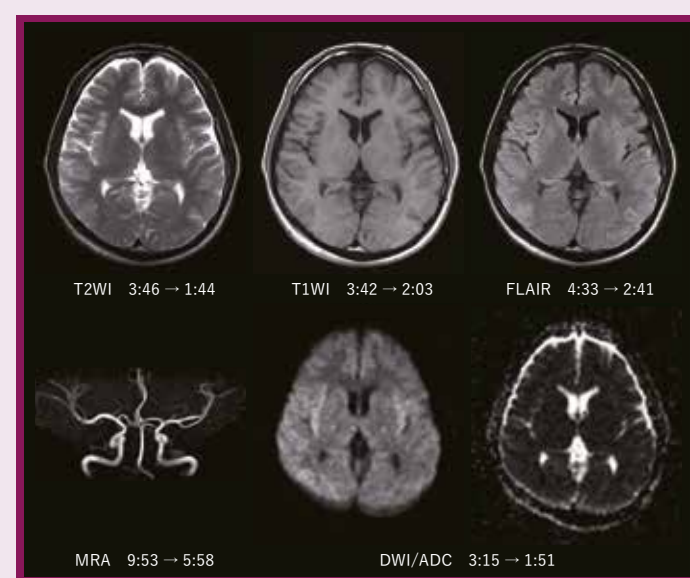


New solution for accelerated workflow

IP-RAPID

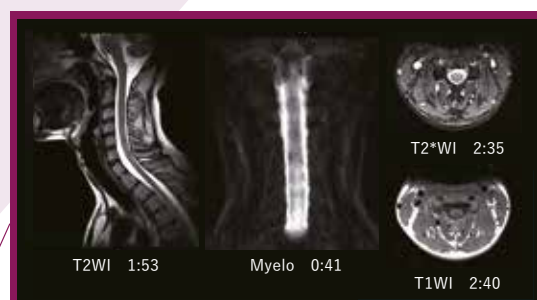
IP-RAPID is a fast scanning technology that reduces scan time while maintaining image quality by optimizing undersampling and iterative reconstruction. It can be used in conjunction with various functions and over a wide range of anatomical regions.

01 For all anatomical regions



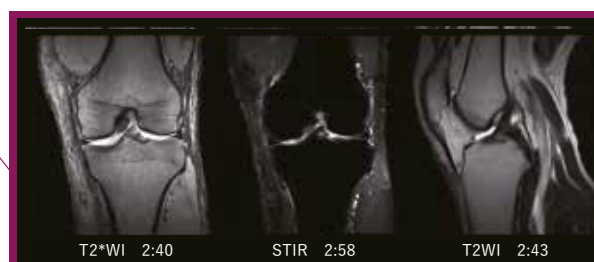
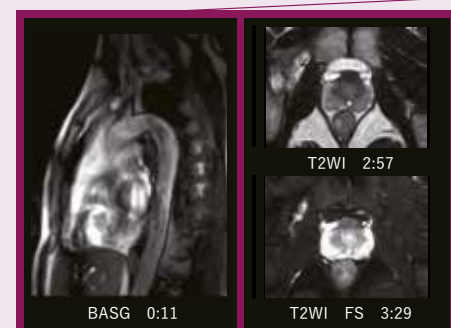
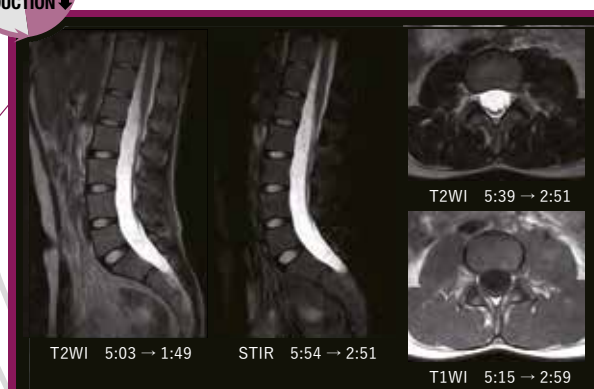
43% REDUCTION

Total Scan Time
25:09
↓
14:17



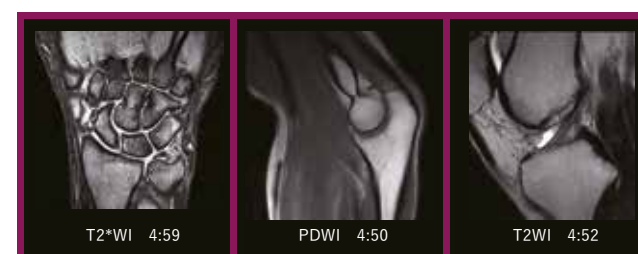
52% REDUCTION

Total Scan Time
21:51 → 10:30



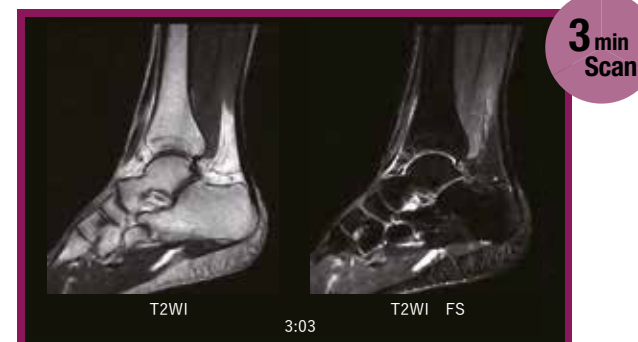
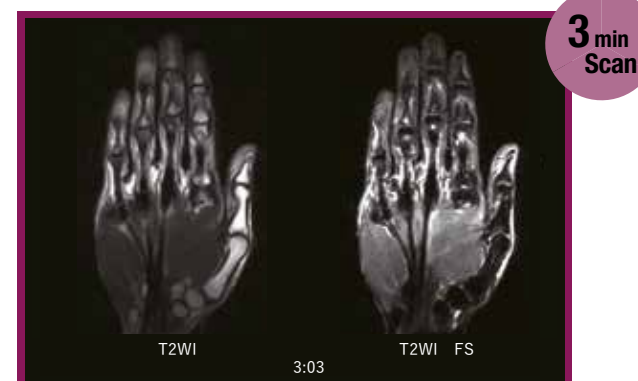
02 For higher image quality

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



03 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.



Automatically perform complex operations

AutoExam

AutoExam enables setting of scan parameters, slice positioning, image processing, image display, image storage and image transfer functions to be carried out in only one step during the examination. The operator can choose to perform semi-automated examinations and may stop, correct and restart imaging at any time.

