

MAGNETOM Free.Max

Breaking barriers to expand the reach of MRI

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Breaking barriers in MRI

- Where patients have felt discomfort, MAGNETOM Free.Max is the world's first 80 cm bore offering an improved patient experience.
- Where siting was an obstacle, MAGNETOM Free.Max offers a helium-free infrastructure.
- Where access to MRI was not viable, MAGNETOM Free.Max makes access to MRI affordable.
- Where conventions have limited our thinking, MAGNETOM Free.Max breaks barriers to explore new clinical opportunities.

Breaking barriers for siting and installation

- Benefit from a helium-independent infrastructure with new DryCool technology, operating on < 700 ml of helium, and no quench pipe.
- Image your fragile, immobile or urgent care patients without the need to transport them to another department by installing an MRI scanner where you never could before, e.g., in the emergency room, intensive care unit, or urgent care centre.
- Minimize construction costs and reduce installation times with our easiest scanner to site.



MAGNETOM Free.Max

Breaking barriers in patient accessibility and comfort

- With an 80 cm bore, MAGNETOM Free.Max can accommodate patients who were unable to tolerate an MRI scan before, including obese patients, severely claustrophobic and anxious patients, and children.
- Accommodate very large patients with 320 kg table load option.
- Put your patient at ease, and benefit from workflow flexibility and efficiency with our new portfolio of blanket-like contour coils.
- Streamlined workflow from start to finish ensures a fast, seamless exam for all patients resulting in consistently high-quality images.

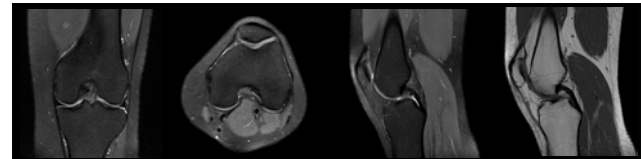


Breaking barriers with High-V MRI

- Deliver daily excellence in the acquisition of routine neuro, abdomen and orthopedic exams in less than 30 minutes.
- Accelerate acquisition times with advanced imaging techniques: Compressed Sensing, Simultaneous Multi-Slice, and CAIPIRINHA.
- Improve image quality and acquisition times with advanced reconstruction techniques: Deep Resolve Gain and AI-powered Deep Resolve Sharp.
- Explore new clinical and research avenues including pulmonary imaging, guided intervention and therapy with a 0.55 T field strength.



Deep Resolve reconstruction improves signal to noise ratio and spatial resolution



Routine knee exam in less than 11 minutes, $0.3 \times 0.3 \times 3.0 \text{ mm}^3$; GRAPPA and Simultaneous Multi-Slice acceleration with Deep Resolve reconstruction

Siemens Healthcare Limited
1577 North Service Road East
Oakville, ON L6H 0H6
905-465-8000

Customer Care Centre:
1-800-359-6709
customeradvocate.ca@siemens-healthineers.com