

MRopen



PARAMED
MEDICAL SYSTEMS



Open up to weight bearing imaging

MrOpen is the world's only **superconductive open MRI** that enables scanning patients using a weight bearing approach.

Now you can see **the extent of the pathology**, by looking at it on MR scans performed in weight bearing positions.

A perfect merge of advanced technology and design innovation, MrOpen combines excellent **clinical performance** with outstanding patient comfort, unmatched in the industry, and **improves patient care** at all stages.



True “Open”

The innovative “U-shaped” design makes MrOpen a truly **“open sky”** MRI system, providing **unparalleled patient comfort**.

Claustrophobia is virtually **eliminated** by removing all barriers between the patient and the surrounding environment, unlike in conventional “open C-shaped” magnets.

Patients can enjoy **watching TV** while being scanned in a relaxing environment.

Performance

MrOpen's **transverse magnetic field** amplifies the advantage of phased array coils, bringing image quality to higher levels.

Dedicated **multi-array coils with MAX technology** - combining flat with solenoid type coils - provide superior performance in each and every anatomical area.

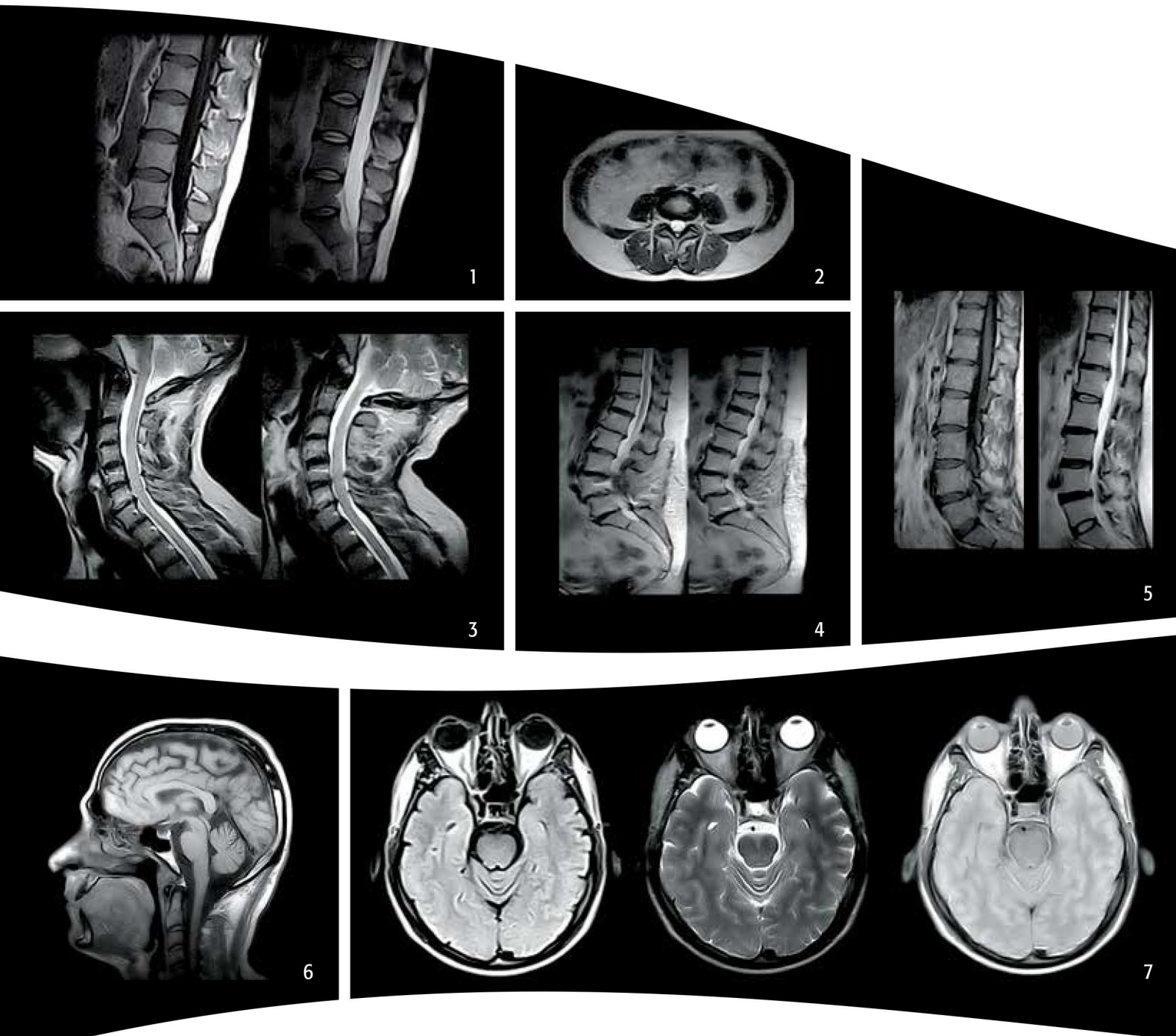
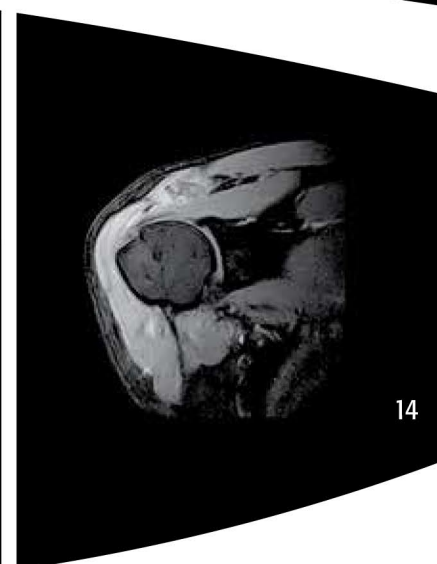
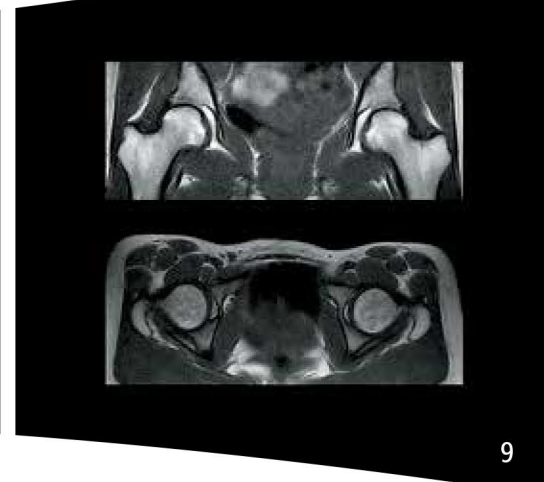
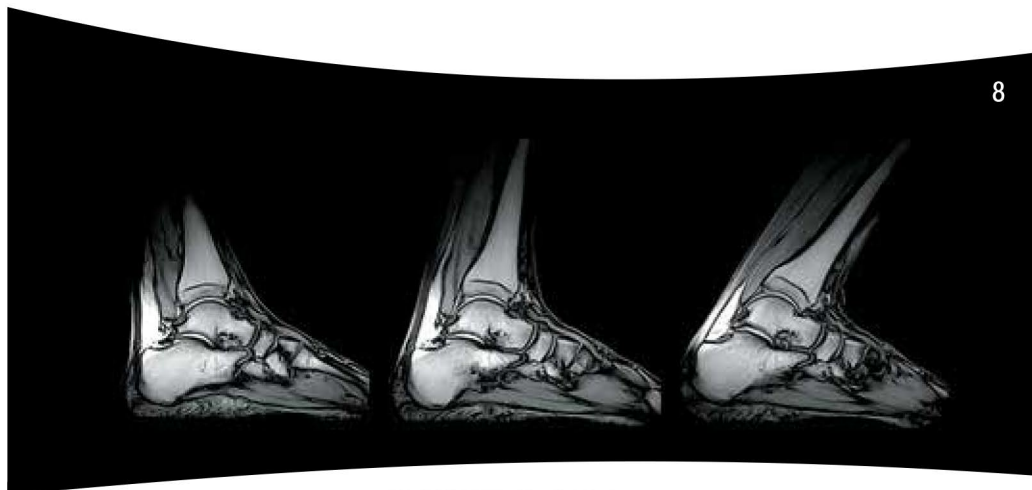


Image Gallery

- 1 L-Spine, SE T1 - FAST RISE T2, sitting position
- 2 L-Spine, FAST RISE T2, supine position
- 3 C-Spine, FAST RISE T2, dynamic study, reclined position
- 4 L-Spine, FAST RISE T2, supine position
- 5 L-Spine, SE T1, FAST RISE T2, supine position
- 6 Brain, SE T1, supine position
- 7 Brain, FLAIR, FAST RISE T2, FAST RISE PD, supine position
- 8 Ankle, GFE, dynamic study, weight-bearing
- 9 Bilateral Hip, SE T1, supine position
- 10 Wrist, SE T1
- 11 Knee, SE T1, supine position
- 12 Wrist, GFE
- 13 Knee, comparative study, SE T1, weight-bearing
- 14 Shoulder, GFE STIR, supine position



Multi-position imaging

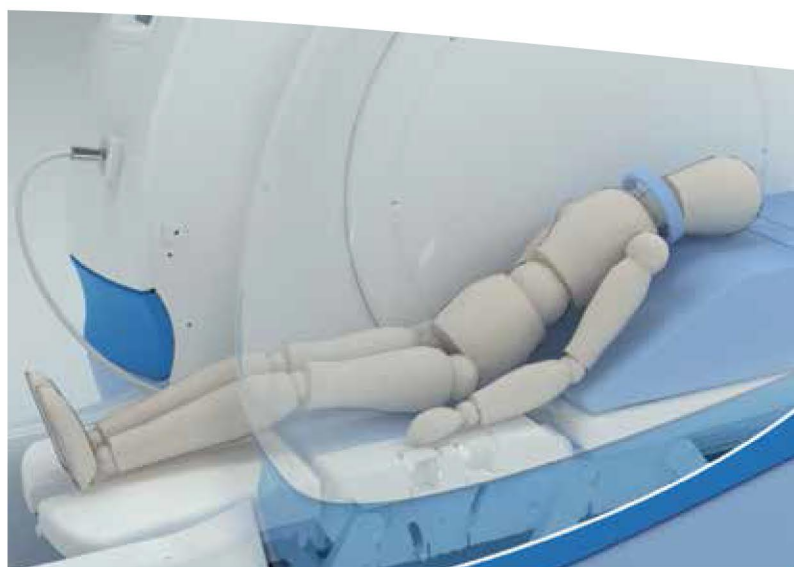
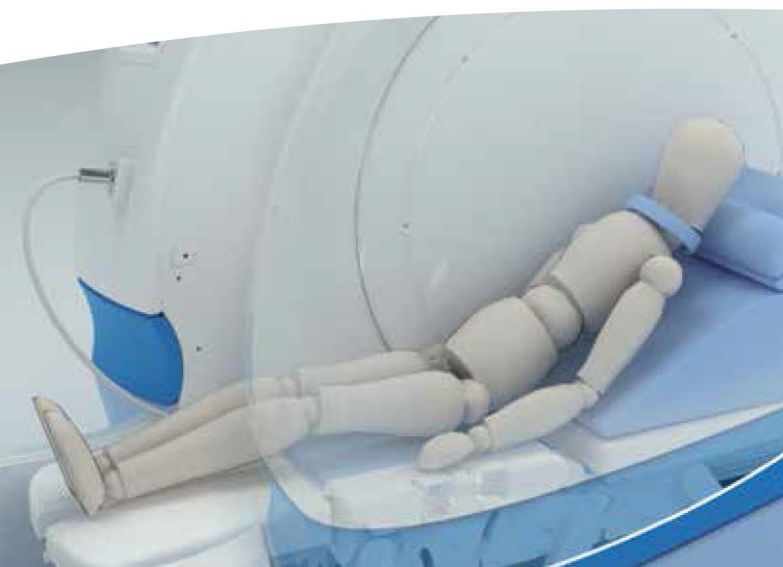
Scan patients in several different positions:
standing, sitting, bending or lying down.

Evaluate the pathology by performing MR imaging
in the most appropriate position.

New horizon, no boundaries

As a result of its innovative design and extra-wide
space, MrOpen reveals **new possibilities:**

from **functional studies** to **interventional MRI**,
and more.





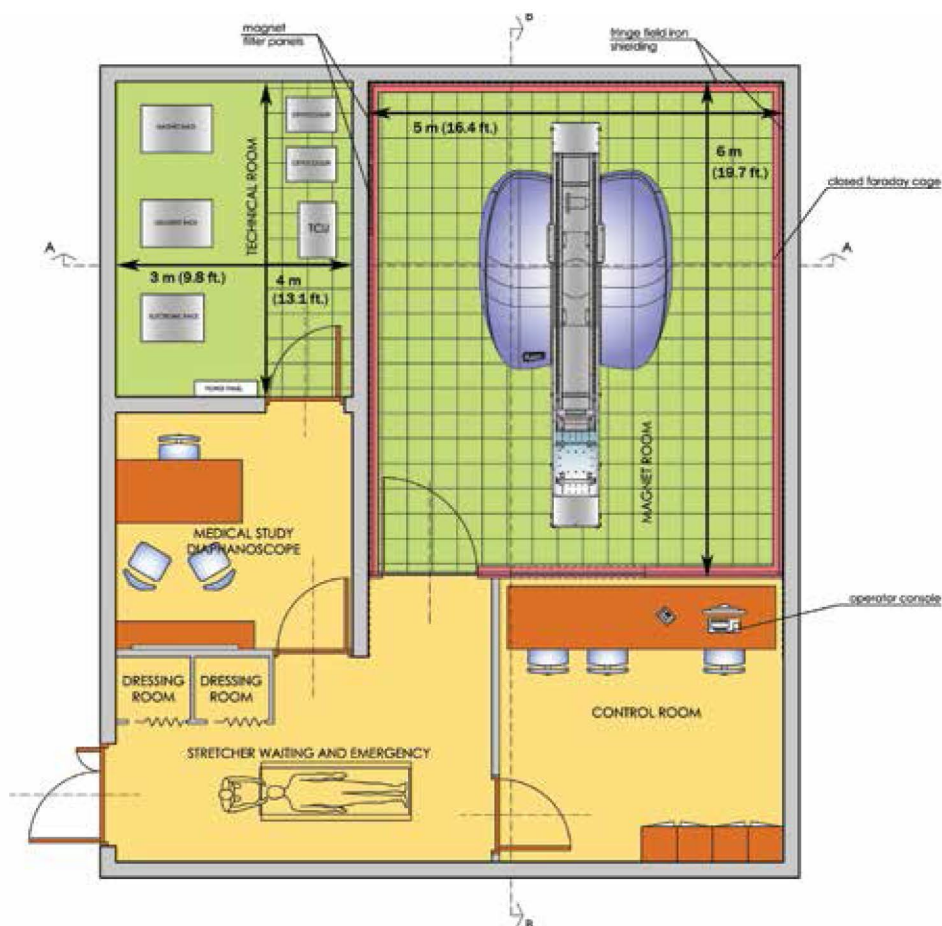
Superconductive cryogen free

Leading-edge material science applied to superconductive magnet technology: this is **MgB₂** (Magnesium Diboride), the only superconductor in the world with **no need for helium**.

A patented breakthrough technology, MgB₂ provides **superconductive power** with the **simplicity** of a permanent magnet:

- low cost **cryogen free** operation
- low power consumption
- **trouble free maintenance**

MrOpen - power with simplicity





Petergraf

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