esaote
Creativity in Healthcare

S·scan
Esaote Dedicated MRI

- Market Position
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- Quality and Productivity
- Economics
- Image Quality
- MAR
- True-Motion

Market Position

Developed for MSK + Spine, the 2nd largest MRI application with over 60% of the total MRI workload.

S-scan is the ideal MRI for any office with important MSK workload. It delivers high quality imaging with a minimal installation

Extremely low running costs make S-scan a very cost-effective solution

S-scan is a cost efficient solution to reduce the waiting list.

Highlights

Open *MRI*

No *Claustrophobia*

***Ergonomic coils** and **open gantry** for increased comfort*

***LCD panel** for fast and real-time patient positioning*

Highlights – Coils

Upper extremities: Shoulder - Elbow - Hand / Wrist

XL shoulder

Lower extremities: - Hip - Knee - Ankle / foot

Spine

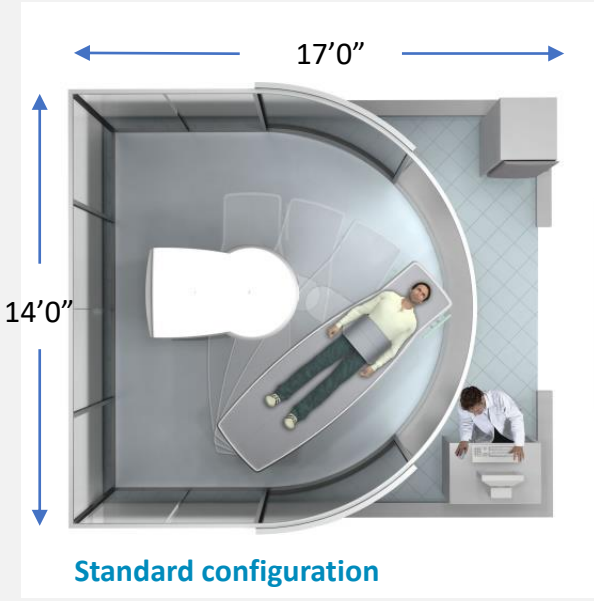
C-spine flex extension

TMJ

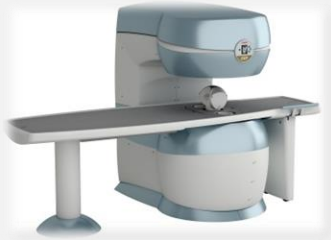
Head coil

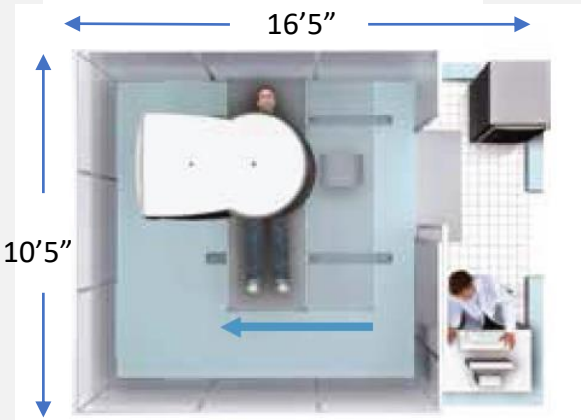
Installation

1. **Small**: only 10.5’ x 16.5’ room space required *
2. Easy to Install: No helium cooling system, simple Airco
3. **Plug and play:** connect to a 110/220V, 2 kW power socket



Standard configuration

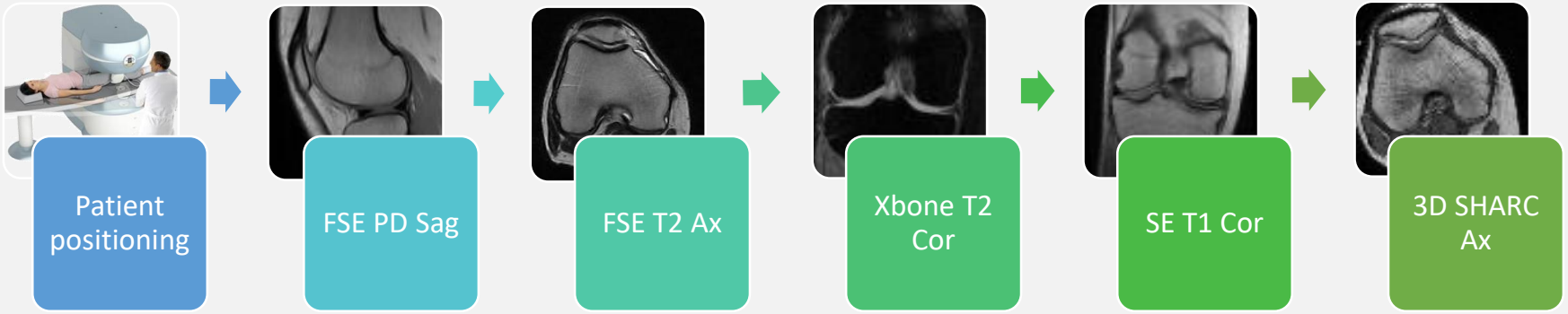




Compact Configuration

* Minimum room dimensions with standard configuration

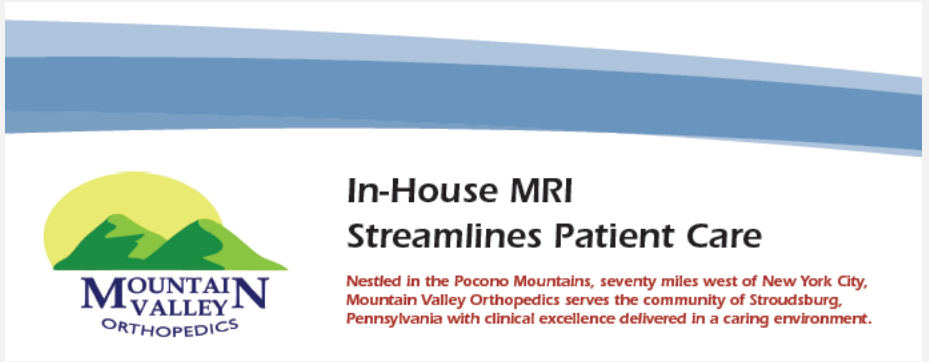
Quality and Productivity



Total scan time
18:59 min

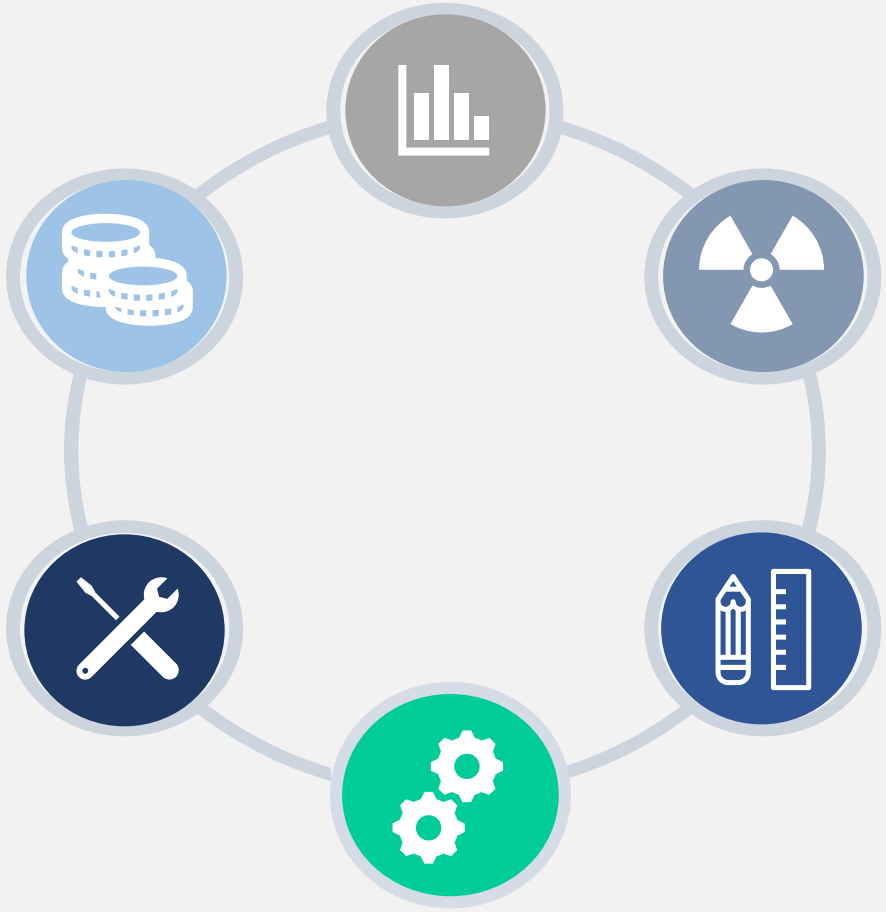
"The image quality is great compared to other systems I use even higher field strength systems."
Frederick Barnes M.D.

"The image quality is extremely good for lumbar, cervical and thoracic spine imaging."
Allister Williams M.D.



Economics

Extremily low running costs = 2 Kw. Only



Low investment

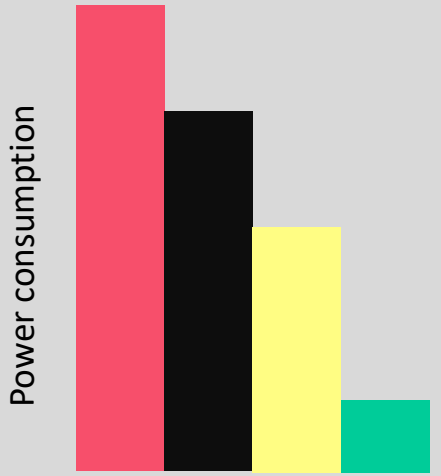
No cryogens, no expensive cooling and safety systems

Low maintenance costs.

Low siting costs = 10.5’ x 16.5’ room

Optimal patient throughput

The Eco-friendly MRI



- 3.0 T exceeds 500.000 KWh
- 1.5 T from 150.000 – 280.000 KWh
- Permanent MRI
- S-scan MRI 2.000 KWh only!

Image Quality – Cervical & lumbar spine

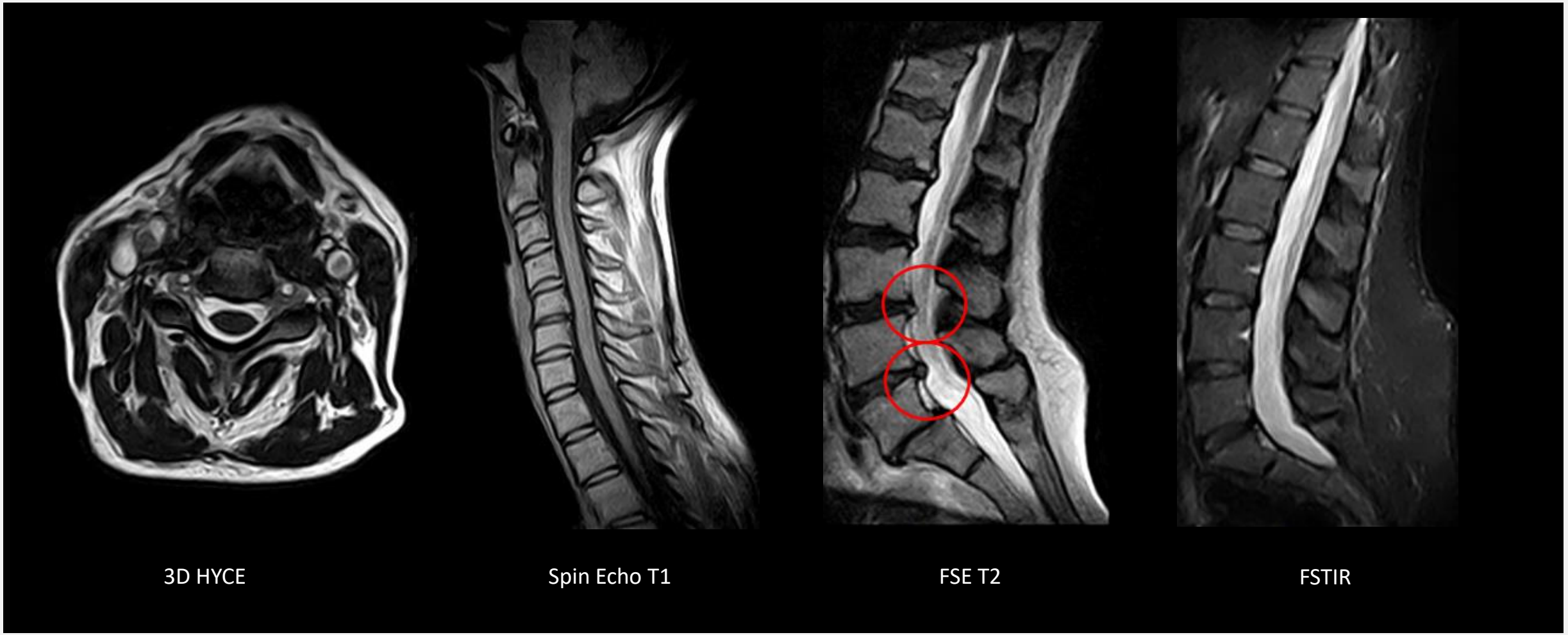


Image Quality – Knee/ Hip

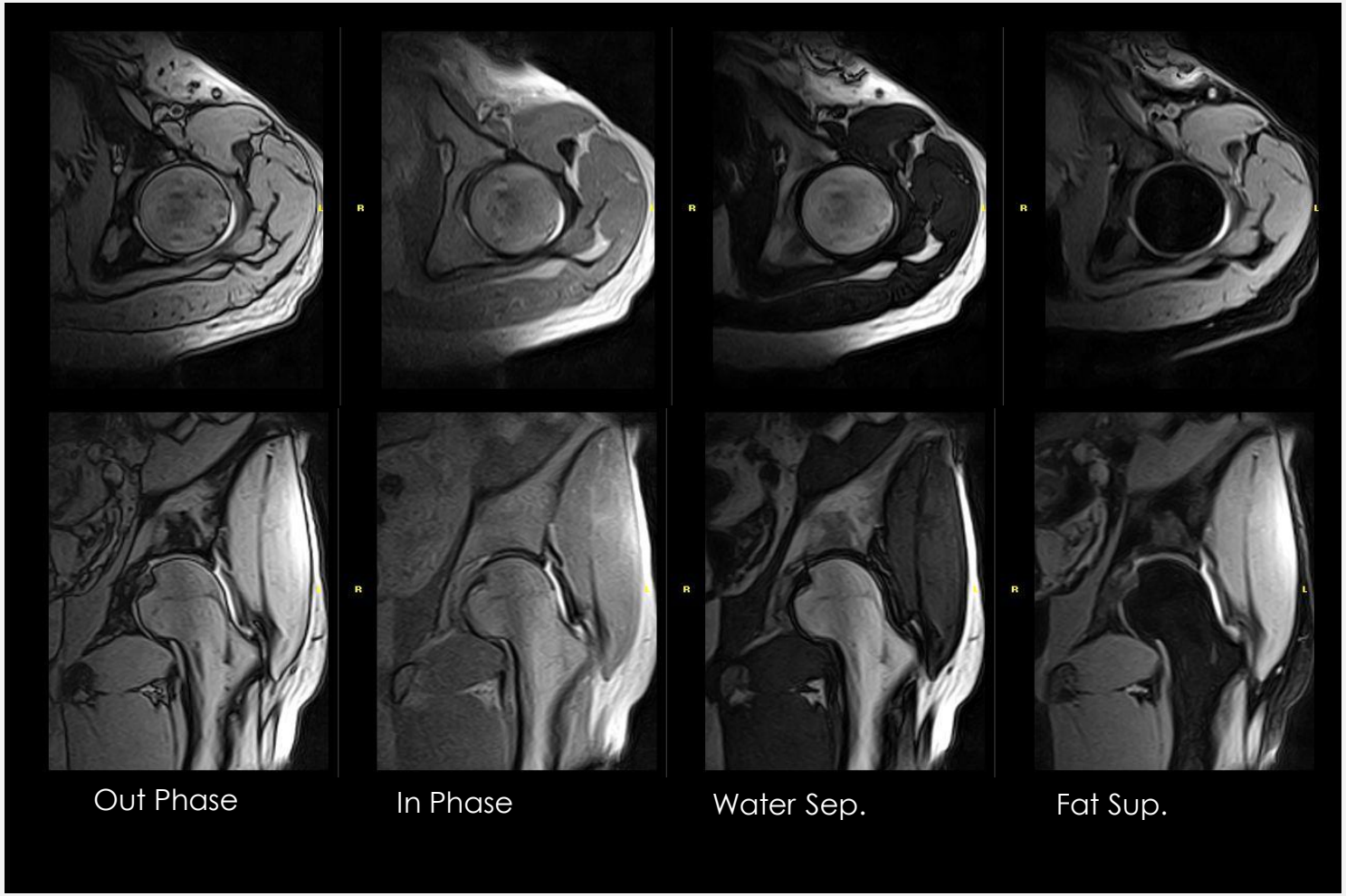
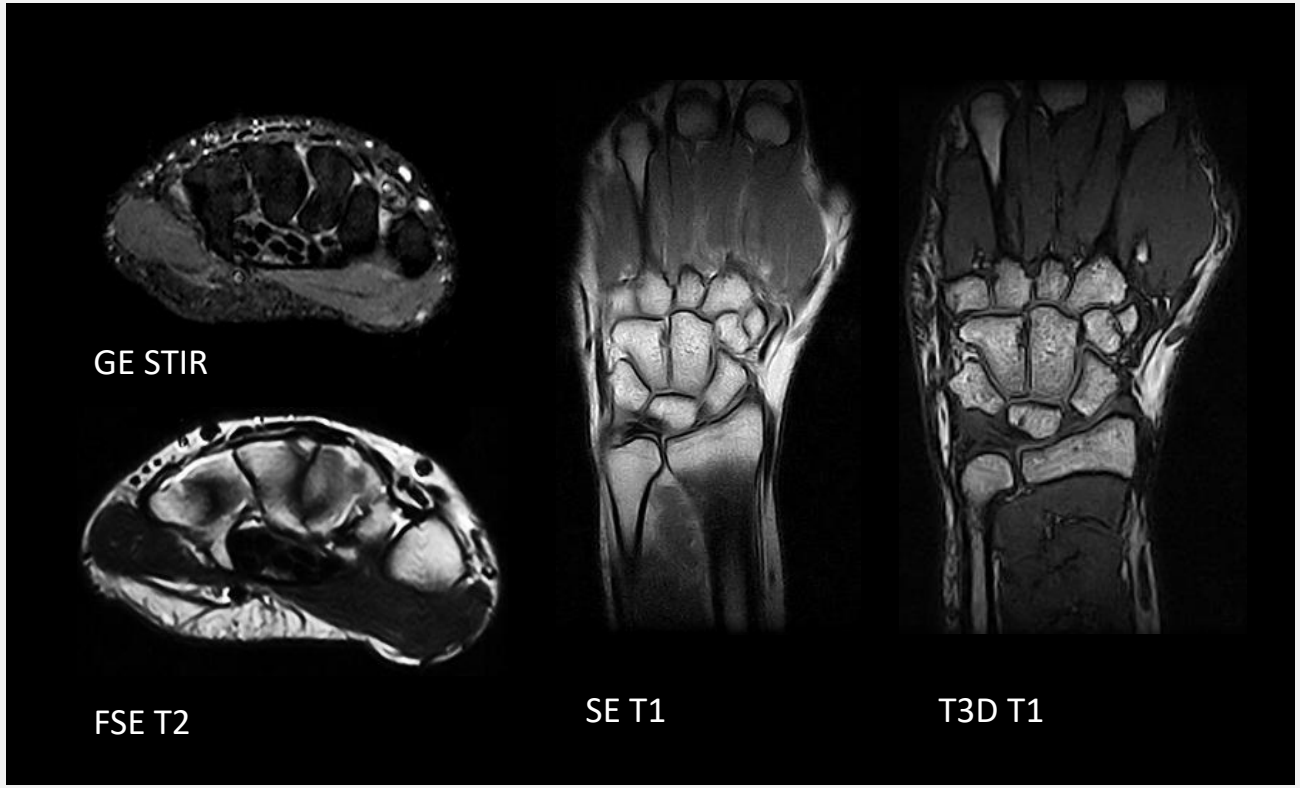


Image Quality – Wrist/Ankle



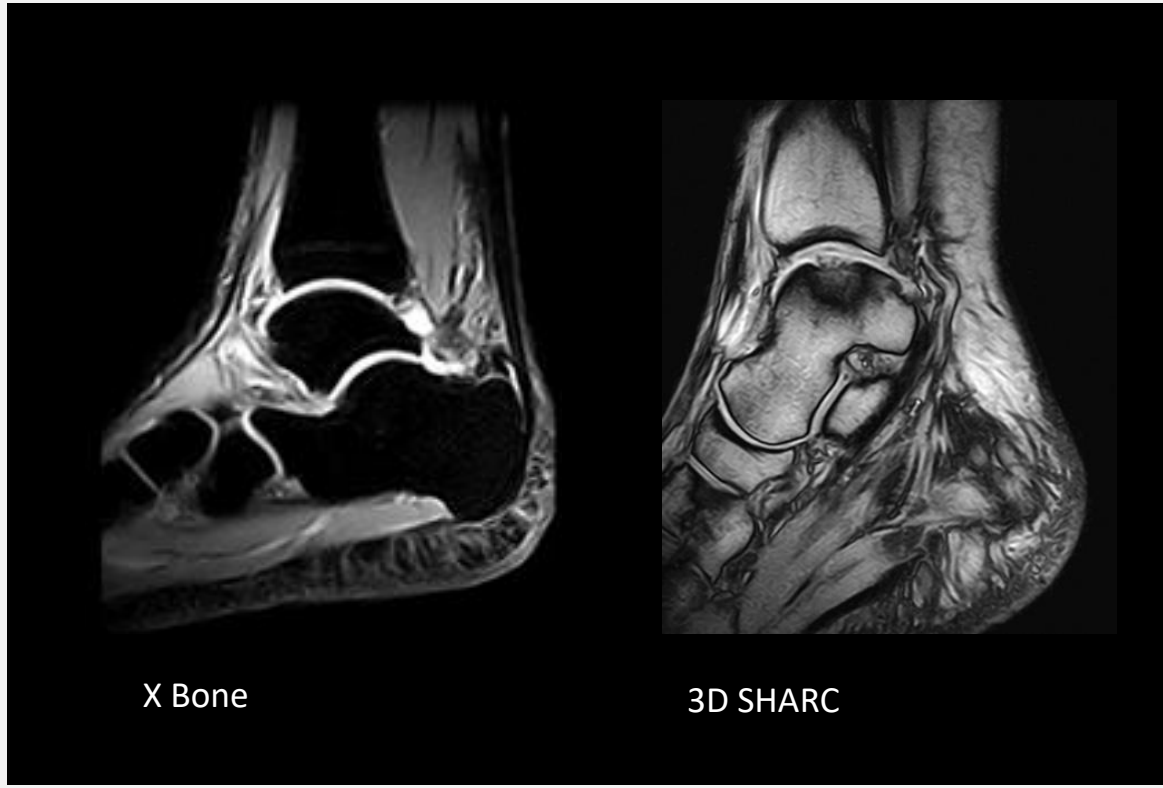


Image Quality – Shoulder

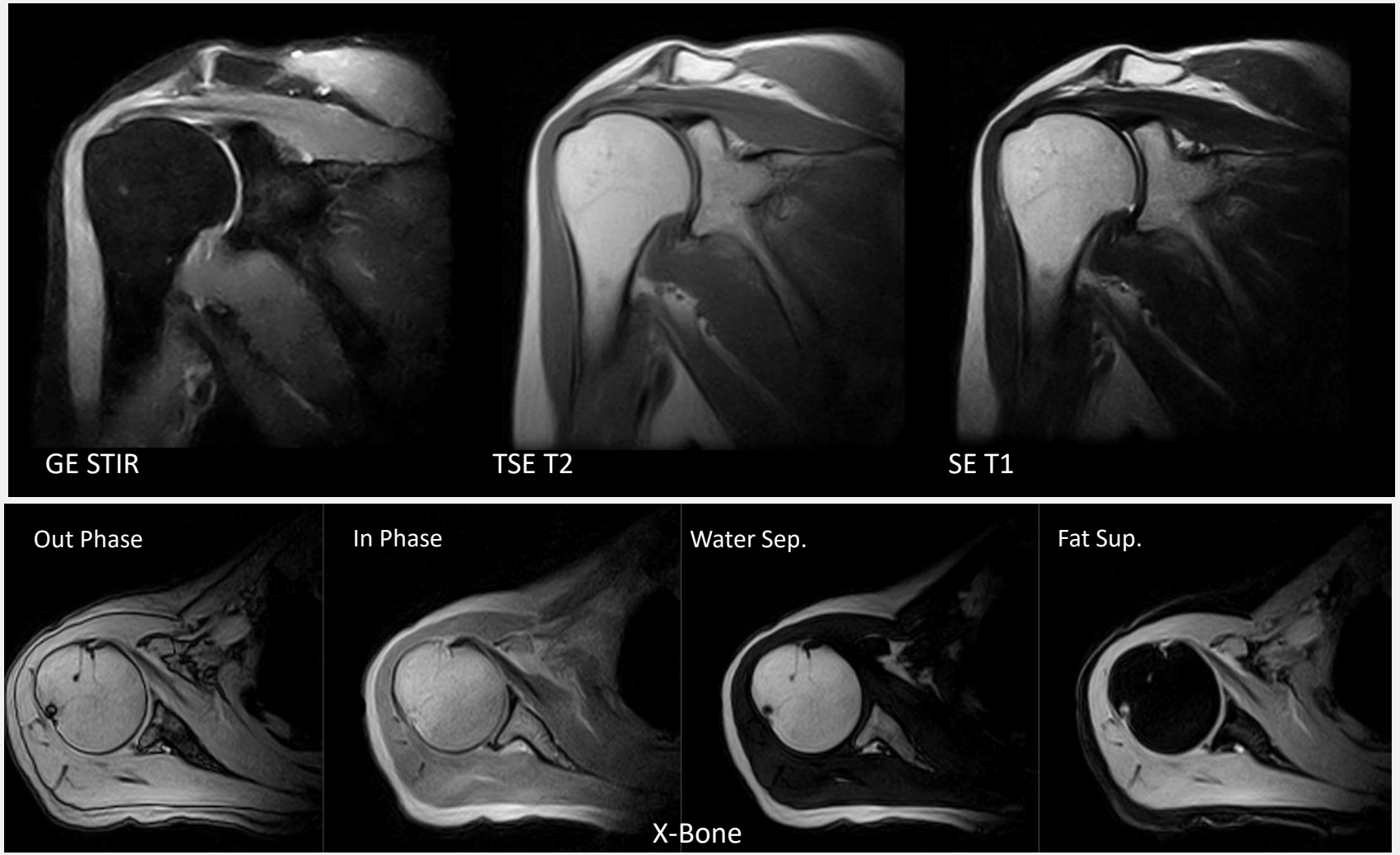
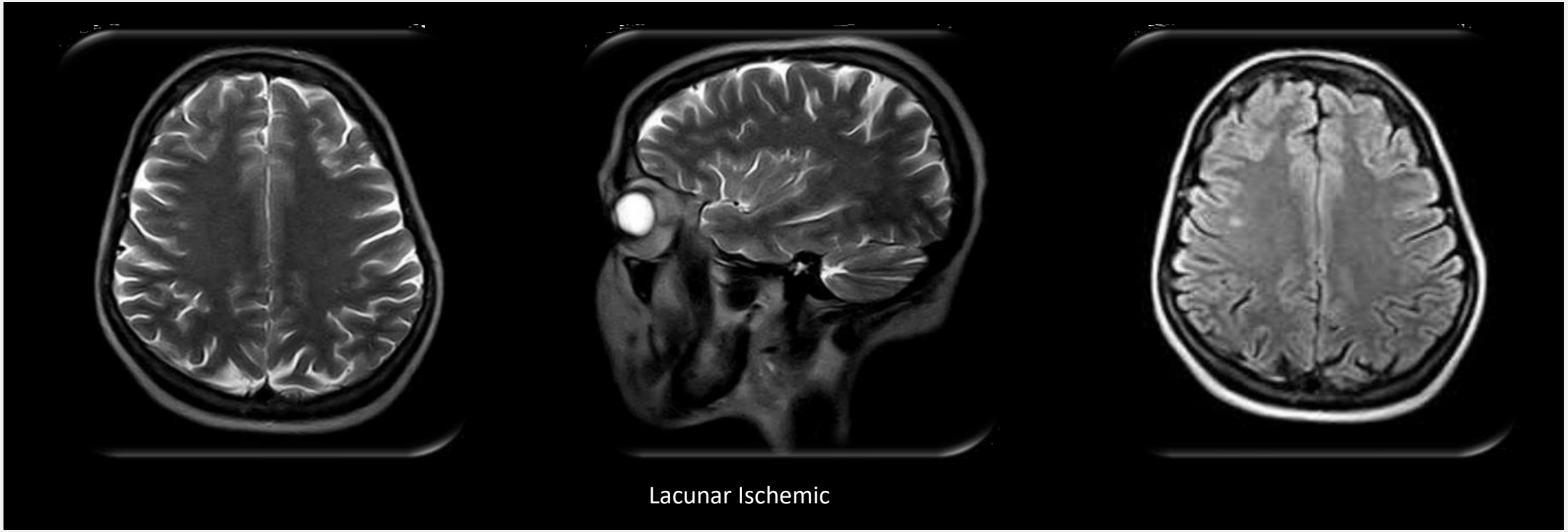


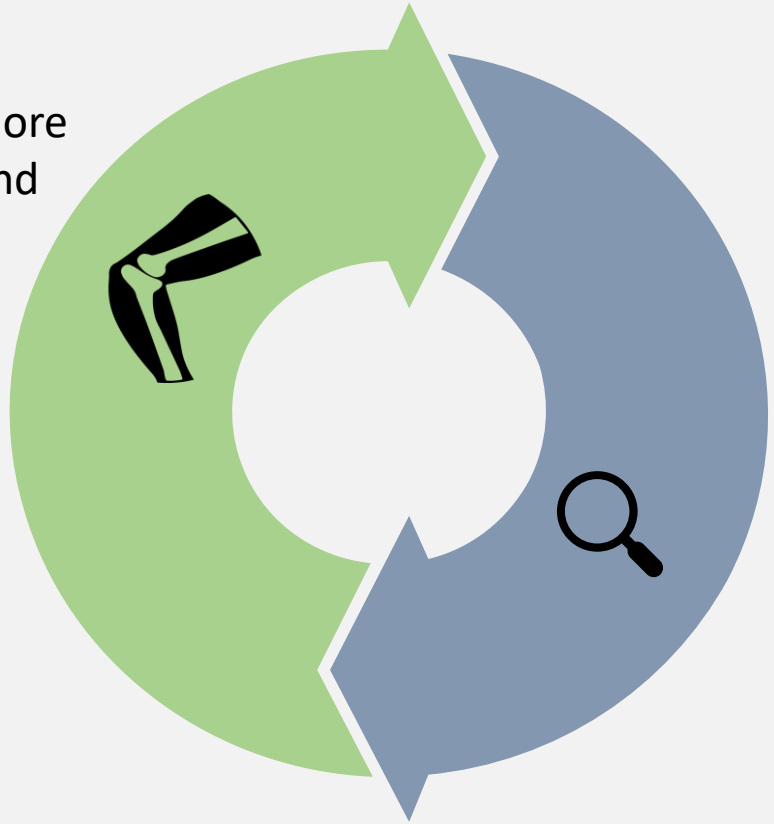
Image Quality – Head



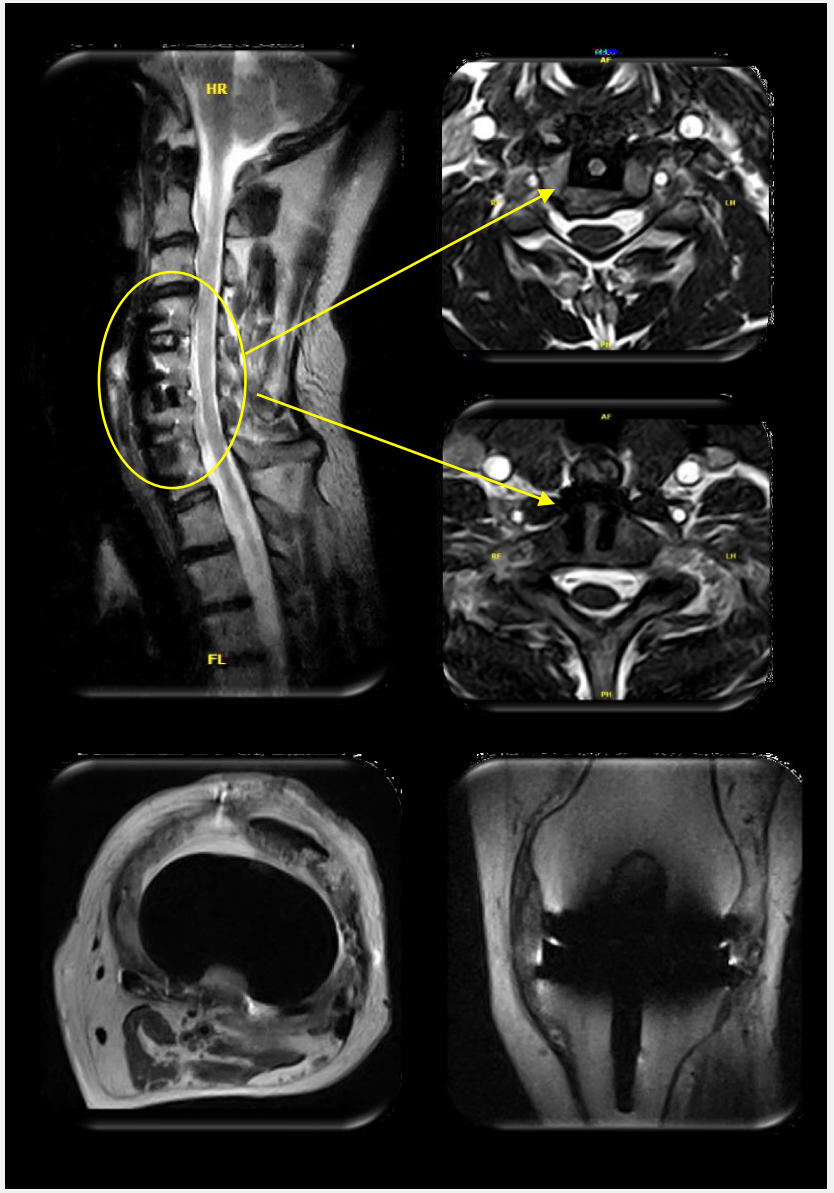
Lacunar Ischemic

Metal Artifact Reduction (MAR)

Clinicians face more and more demand for **post-surgery examination**



MAR technique delivers more details and reduces distortion for a correct assessment of post-surgical joints.



True-Motion

The wide gantry of the system and coil ergonomics make it possible to examine the joint in motion generating functional and dynamic images by using fast sequences (2D HYCE streaming).

Dynamic MRI results from a very fast single slice acquisition technique

The joint can be moved either by the patient or with help from the MRI tech or doctor.