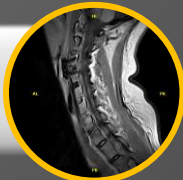


S·scan

Esaote Dedicated MRI

THE NEXT STEP IN OFFICE MRI

Image quality



Market position



Dynamic



System Highlights



MAR



Installation

18m²

Quality-Productivity



Economic Aspects



Reference sites



esaote

Market Position

- **S-scan** specifically developed for MSK+Spine, the 2nd largest MRI application representing over 60% of the total MRI workload.
- **S-scan** is the ideal MRI in for any office with an important MSK workload. It delivers high quality imaging with a minimal installation.
- **S-scan** the extremely low running costs make S-scan a very the cost-effective solution.
- **S-scan**, the cost efficient solution for reducing the waiting list.



System Highlights 1/2



- **Open MRI**
- **No claustrophobic effects**
- The **ergonomic coils** and the **open gantry** are designed to increase the comfort during scanning
- **LCD panel** for fast and real-time patient positioning



System Highlights 2/2 Large coil selection

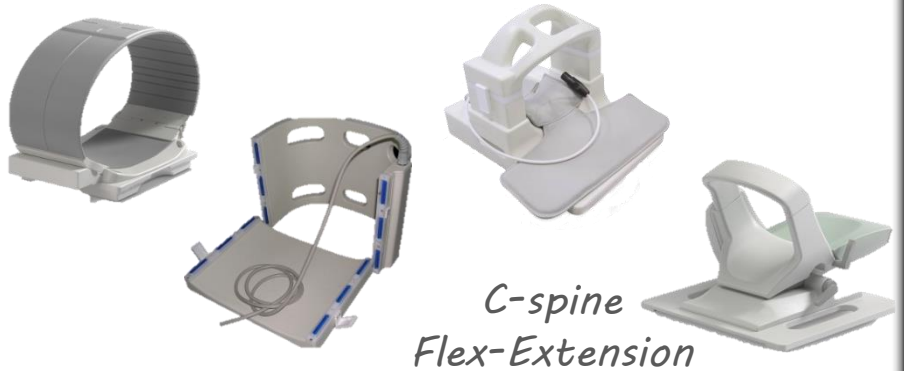
- **Upper extremities:**
 - Shoulder
 - Elbow
 - Hand / Wrist



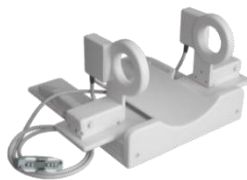
- **Lower extremities:**
 - Hip
 - Knee
 - Ankle / foot



- **Spine**



- **TMJ**

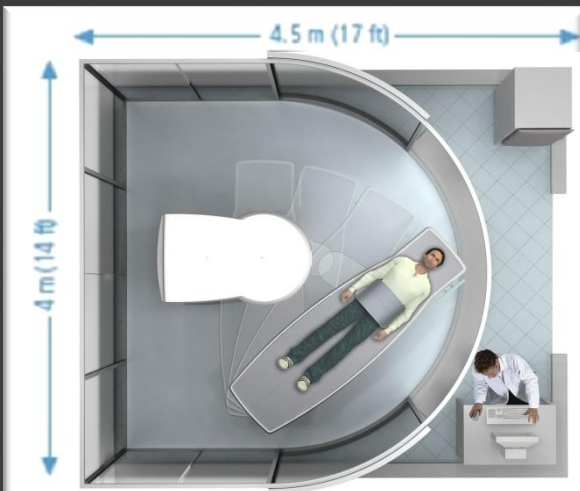


- **Head Coil**



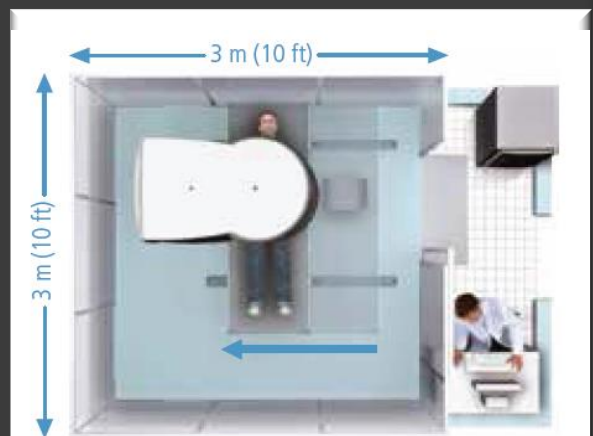
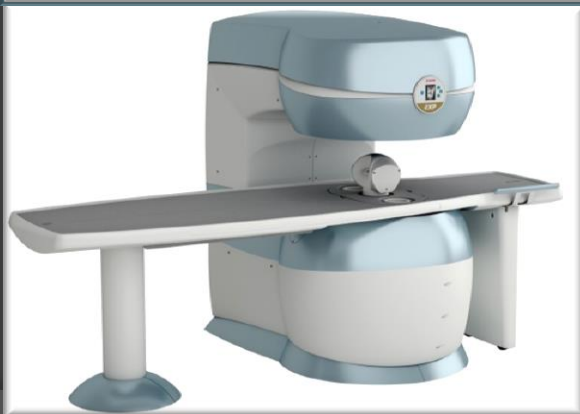
Double your MRI capabilities with S-scan.

- **Small:** only 18 m² required
- **Easy to install:** no helium cooling system, simple airco
- **Plug & play:** standard 110/220V, 2 kW power socket.



Standard Configuration

Standard (18 m²)



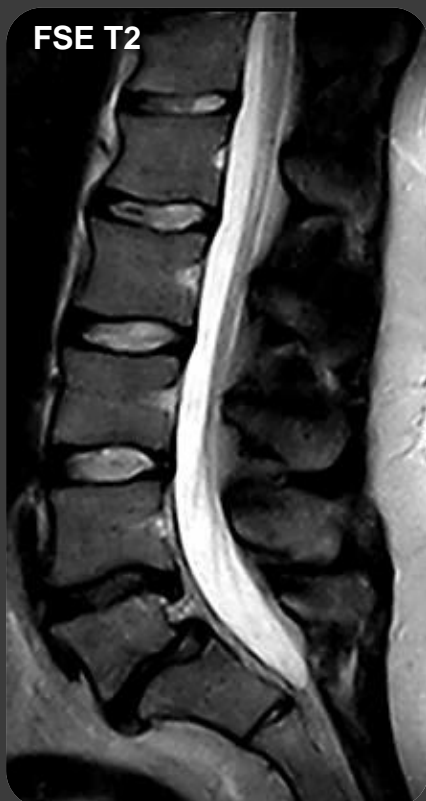
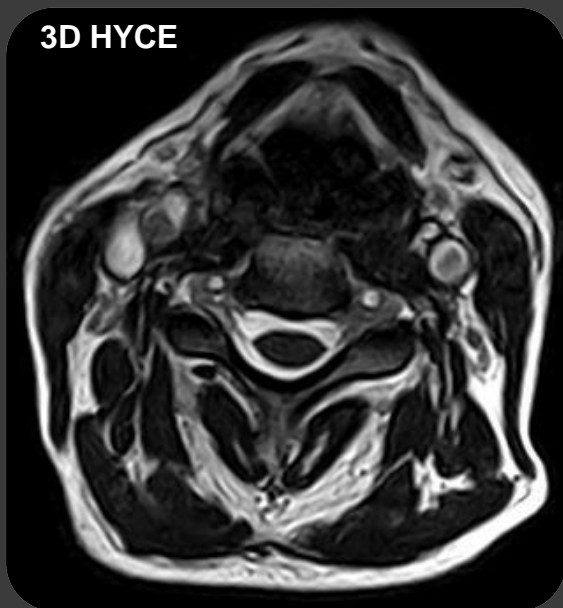
Compact Configuration

Compact (12 m²)



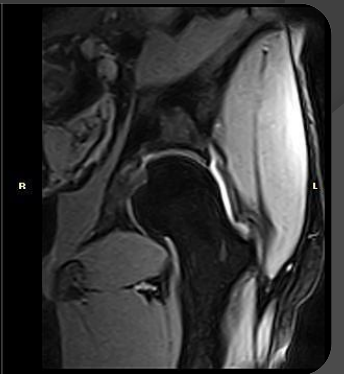
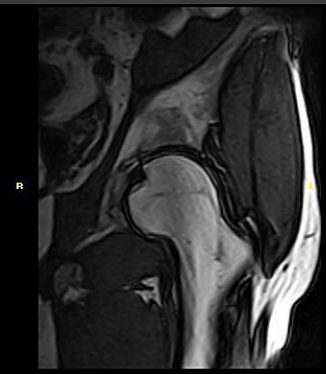
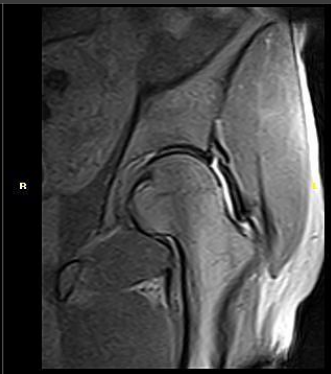
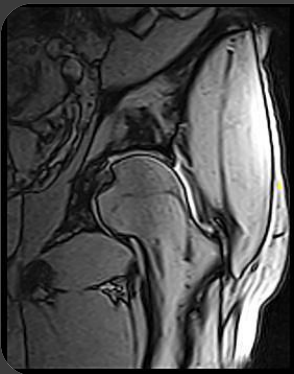
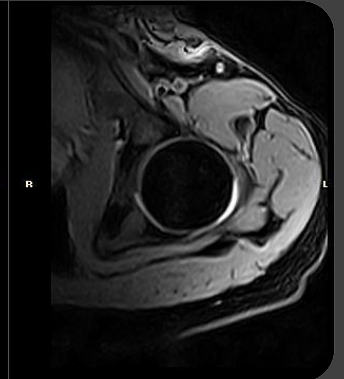
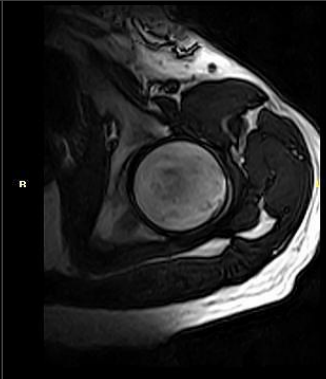
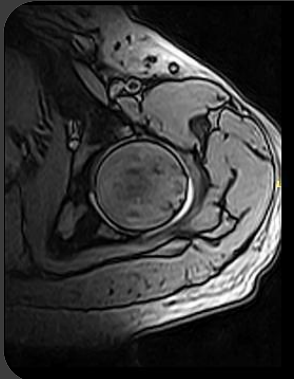
Images 1/5

Cervical & Lumbar Spine



Images 2/5

Knee/Hip



Out Phase

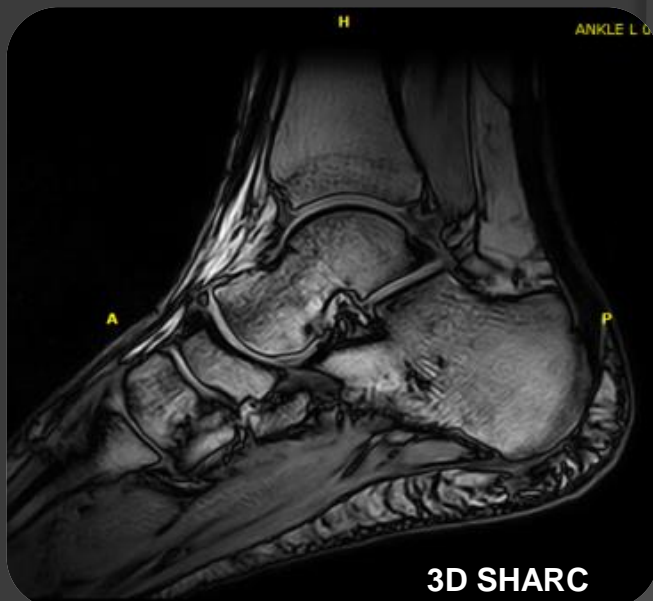
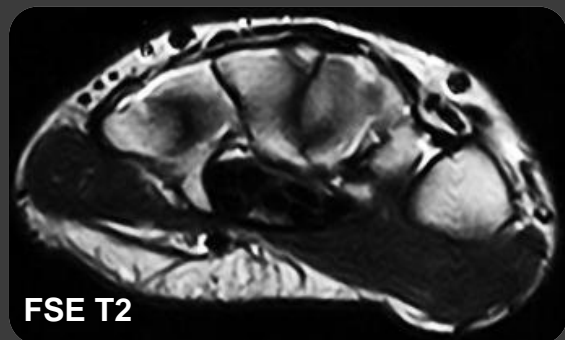
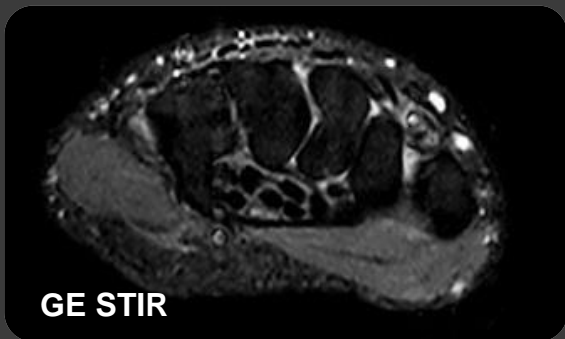
In Phase

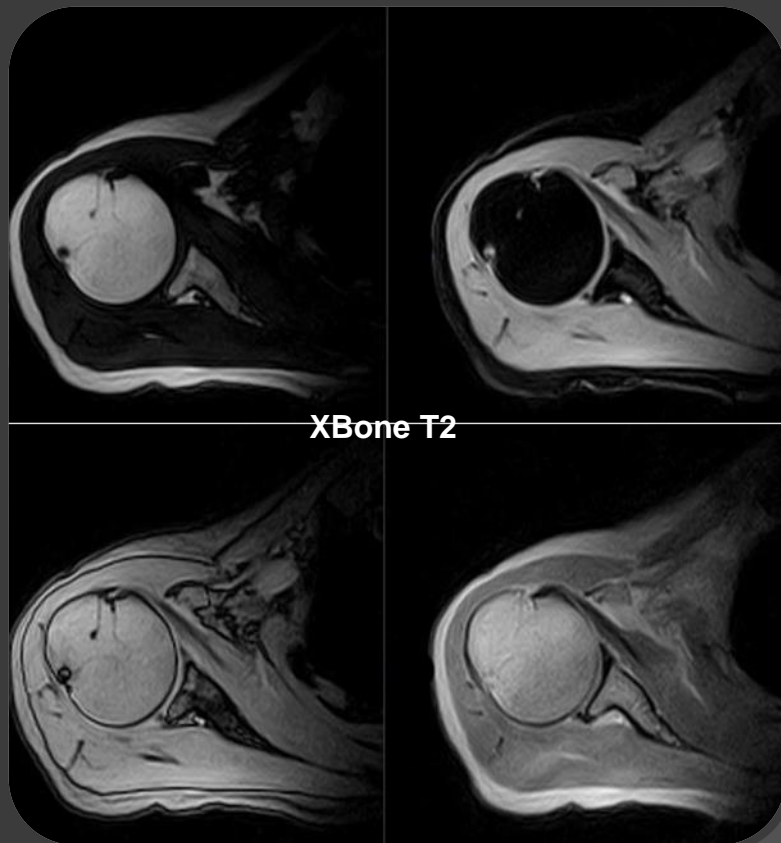
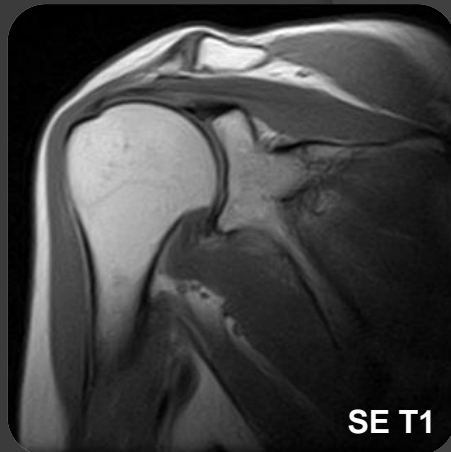
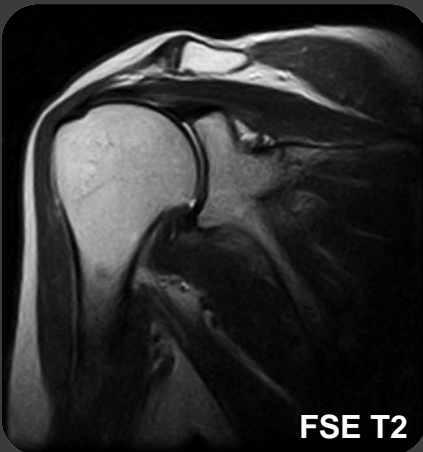
Water Sep.

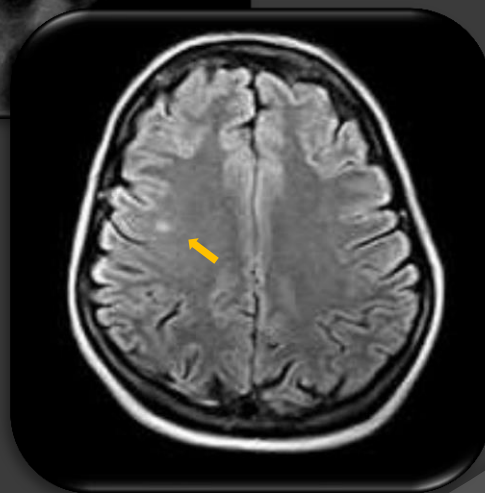
Fat Sup.

XBone T2









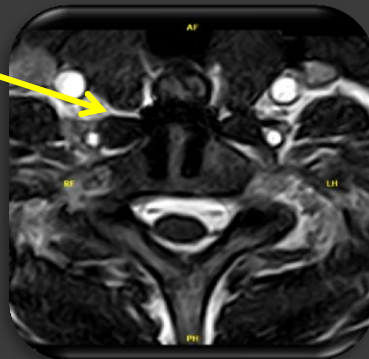
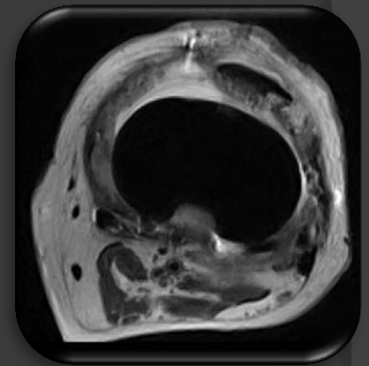
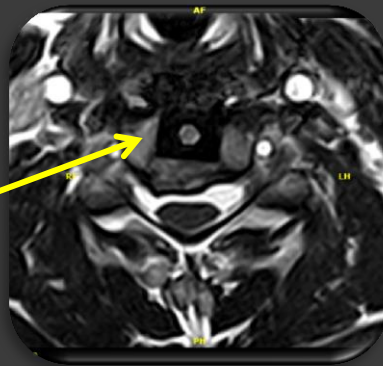
Lacunar Ischemic



MAR

Metal Artifact Reduction

Clinicians face more and more demanding of **postsurgical examination**: with the **MAR technique** is possible to get better detailed and less distorted anatomical structures for a correct assessment of post-surgical joints.

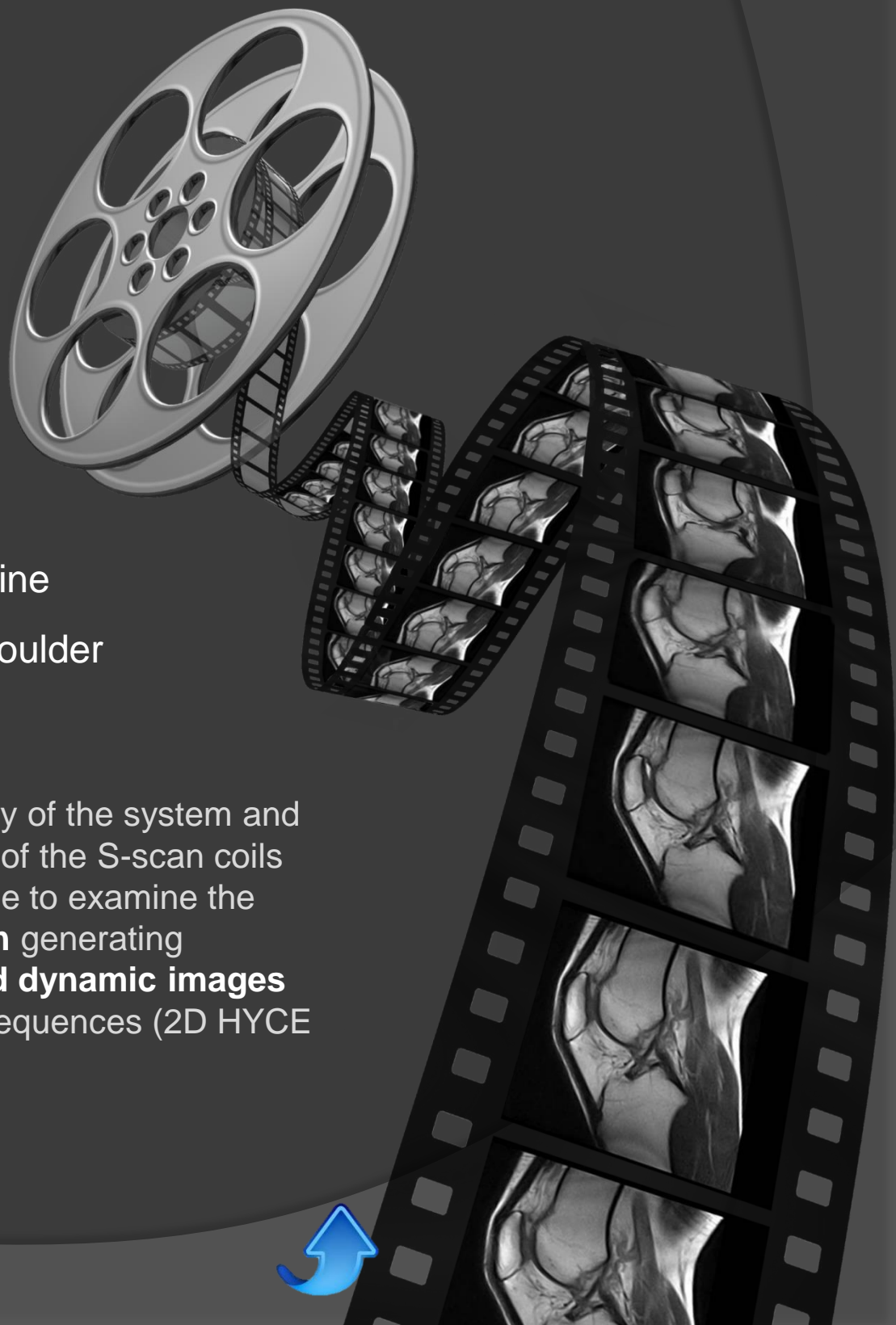


TMJ

Knee

C-spine


Shoulder



The wide gantry of the system and the ergonomic of the S-scan coils make it possible to examine the **joint in motion** generating **functional and dynamic images** by using fast sequences (2D HYCE streaming).



Quality & Productivity



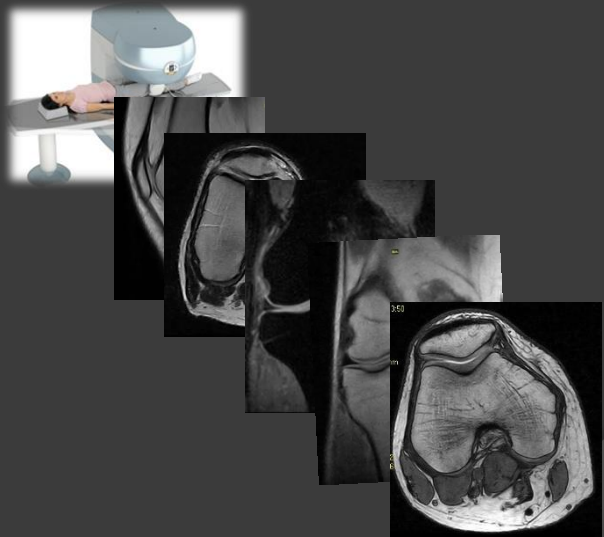
**In-House MRI
Streamlines Patient Care**

Nestled in the Pocono Mountains, seventy miles west of New York City, Mountain Valley Orthopedics serves the community of Stroudsburg, Pennsylvania with clinical excellence delivered in a caring environment.


“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.

Patient Positioning	4:00
FSE PD Sag	2:29
FSE T2 Ax	3:05
Xbone T2 Cor	2:15
SE T1 Cor	3:20
3D SHARC Ax	3:50
<hr/>	
Total Scan Time	18:59



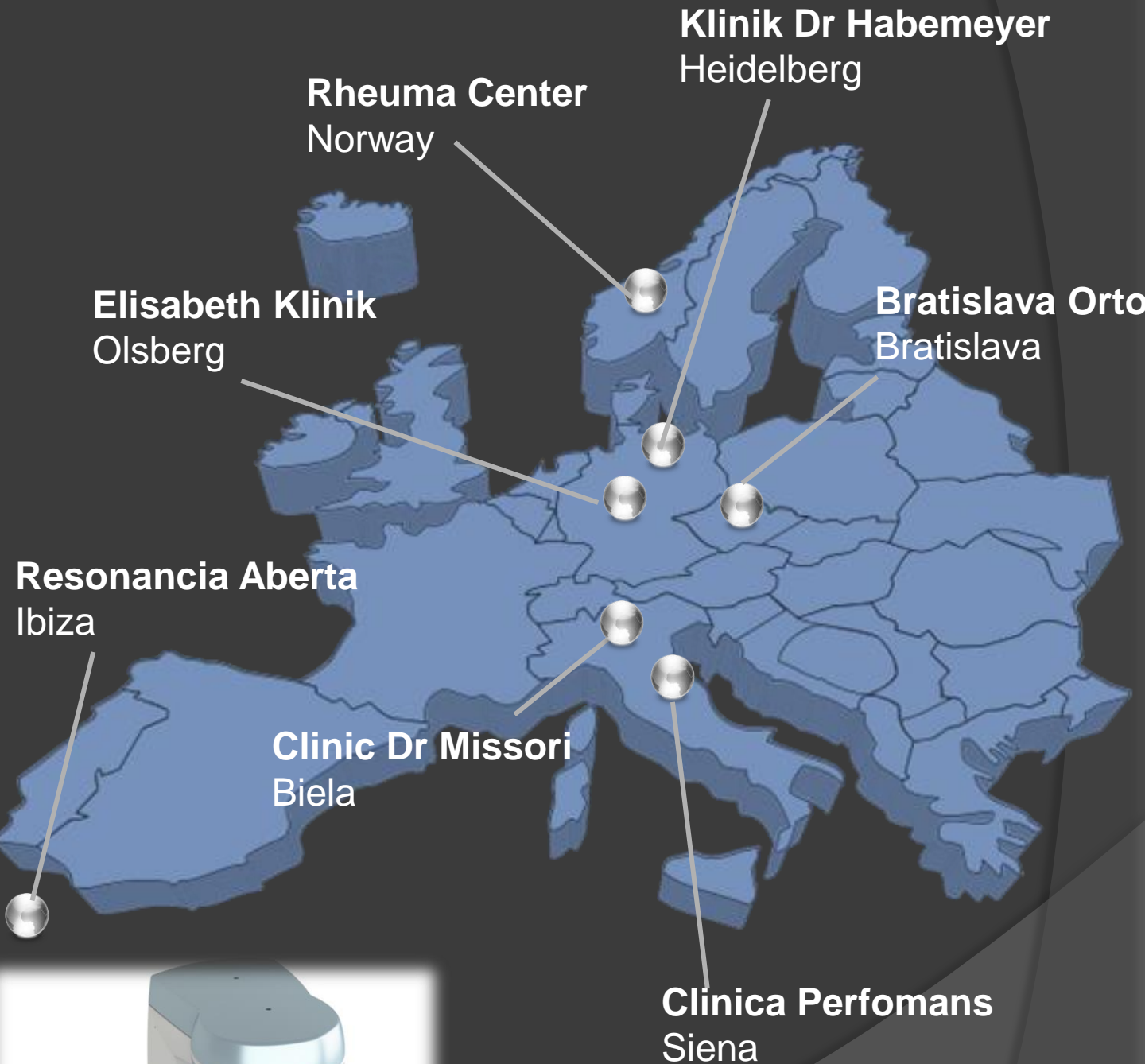
Economic aspects

- ☺ Extremely low running costs = 2 Kw. only
 - ☺ No cryogenes = no expensive cooling and safety systems.
 - ☺ Low siting costs.
Space requiremenst 18 m² (180 sq ft)
or 12 m² (120 sq.ft.)
 - ☺ Low maintenance costs.
 - ☺ Low investment .
 - ☺ High throughput 
-

S-scan the efficient MRI with high ROI*.



Reference Sites





Esaote MRI

Esaote: leader in dedicated MRI

**More than 2500 MRI systems
sold worldwide**

