



**O.scan**  
Dedicated MRI

Premium & Light

**esaote**

# Light

## Engineered for Performance-

Esaote MRI,  
designed to make  
a difference.

Esaote MRI systems are designed to make a difference and the O-scan is fully in line with Esaote's design philosophy.

For the patient, O-scan is a comfortable non claustrophobic MRI whereas image quality, exam-times and workflow live up to today's high expectations.

The unique systems efficiency and economics make O-scan an ideal solution for standalone specialty clinic or as an add-on unit in the radiology department. The O-scan represents a perfect response to today's needs of cost containment without compromising quality and workflow.

**O-scan**  
*Esaote Dedicated MRI*



# -Designed for Comfort

## O-scan, Top Performance MRI in a small Form Factor.

O-scan, all the musculo-skeletal MRI performance you need in an easy to install, easy to run package.

Don't get misled by size, Oscan comprises Esaote's long-term experience and dedication to MSK-MRI offering top level image quality able to satisfy the needs also of the most demanding user.

O-scan comprises the latest MRI technology like Metal Artifact Reduction, True-Motion MRI for dynamic joint evaluation, 3DHYCE for cartilage imaging, and patented technology like Speed-Up for enhanced throughput.

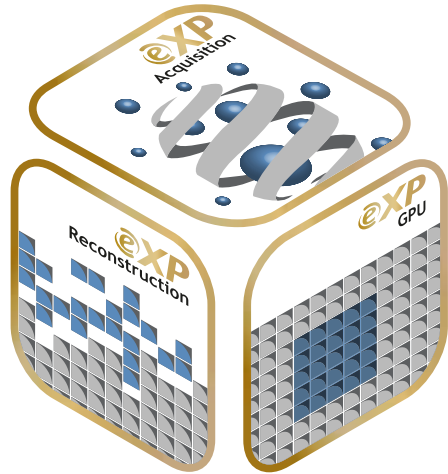
Designed for comfort means performing the MRI exam sitting on a chair as only the extremity under investigation is placed in the system. Comfortable and completely non claustrophobic.

Esaote, we make MRI accessible also for sites with a minimal workload. As O-scan has one of the lowest breakeven figures in industry, having your own MRI becomes possible even for those sites that only have a few cases per day.

Esaote, for over 20 years world-leader in Dedicated MRI delivering quality, performance and efficiency.



Premium



**eXP Technology\*** provides faster overall system response thanks to a number of sophisticated MRI software techniques and a high-power workstation.

- Speed-Up
- Isotropic 3D
- X-Bone
- 3DSHARC
- 0,4 mm Slice
- True-Motion
- Metal Artifact Reduction

# eXP Technology



DPA Knee Coil



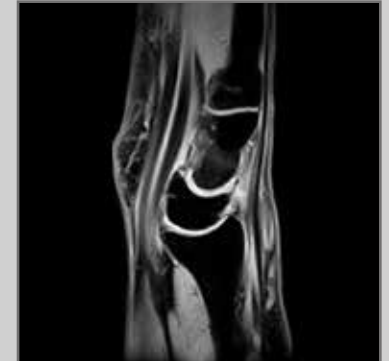
DPA Hand/Wrist Coil



DPA Foot/Ankle/Elbow Coil



Knee FSE T2 Sagittal

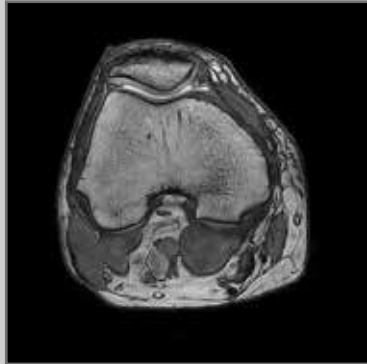


Wrist XBONE Sagittal



Ankle STIR Sagittal

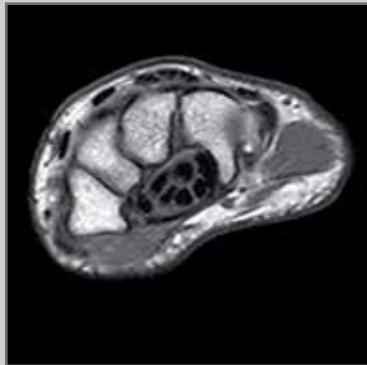
\* eXP Technology is an optional package for O-scan



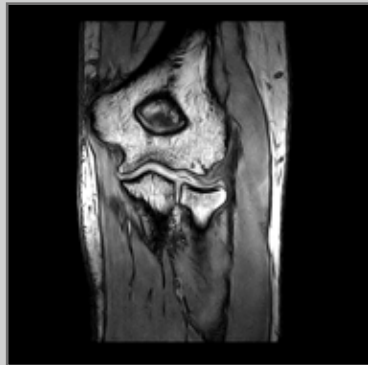
Knee 3D SHARC Axial



Knee XBONE Sagittal



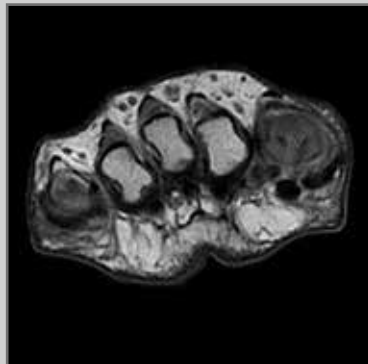
Wrist SpinEcho T1 Axial



Elbow 3D SHARC Coronal



Ankle GE T2 Coronal



Foot SpinEcho T1 Axial

# Engineered for Performance



# True-Motion

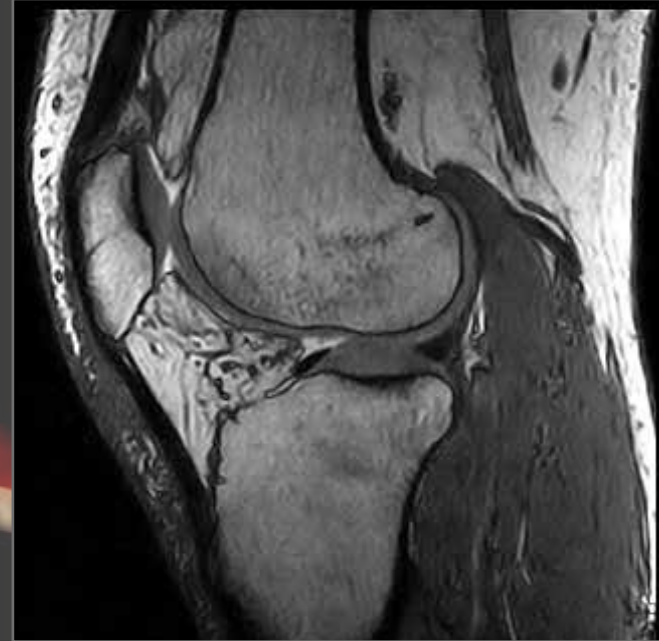
Esaote True-Motion means imaging of the joint in motion.

The ergonomic design of the O-scan facilitates imaging of the joints in motion opening a whole new spectrum of possibilities like e.g. evaluation of impingement and post-op evaluation of ACL and PCL repairs.

- Fast scanning SW & HW in combination with video streaming technologies enables this special application.
- The whole procedure only, including slice positioning takes about 1 minute.
- Movie is stored in avi format, visible on almost any device.



# 3D Imaging

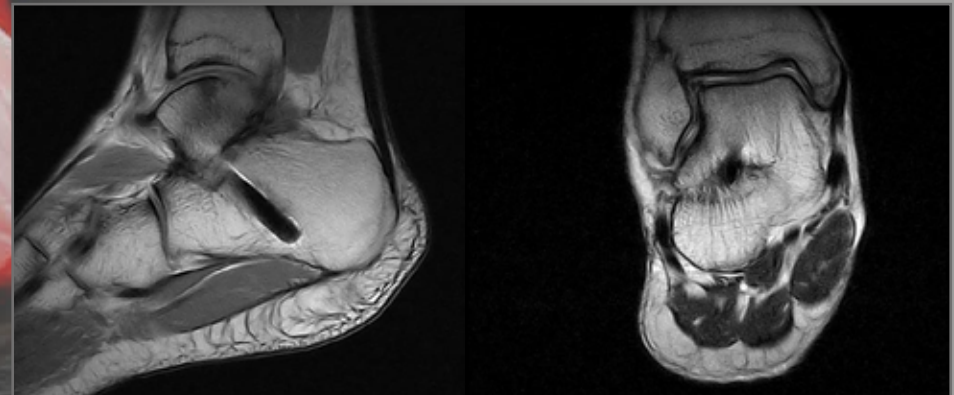


3D SHARC Isotropic 0,4 mm



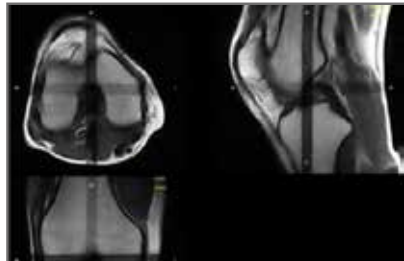
MPR

# Metal Artifact Reduction





**AgilExam** automatically positions the slices both in terms of angulation and number according to the laterality and size of the anatomy.



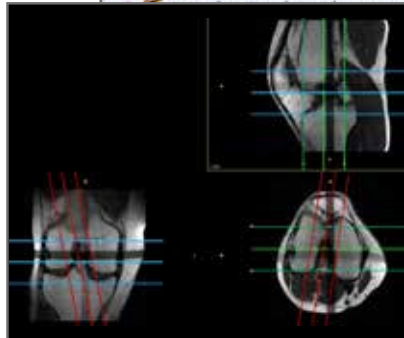
### 1. Position

Position the patient using Real-Time and initiate the scout scan like any standard MRI.



### 2. Select

Select the desired examination task from the AgilExam task list.

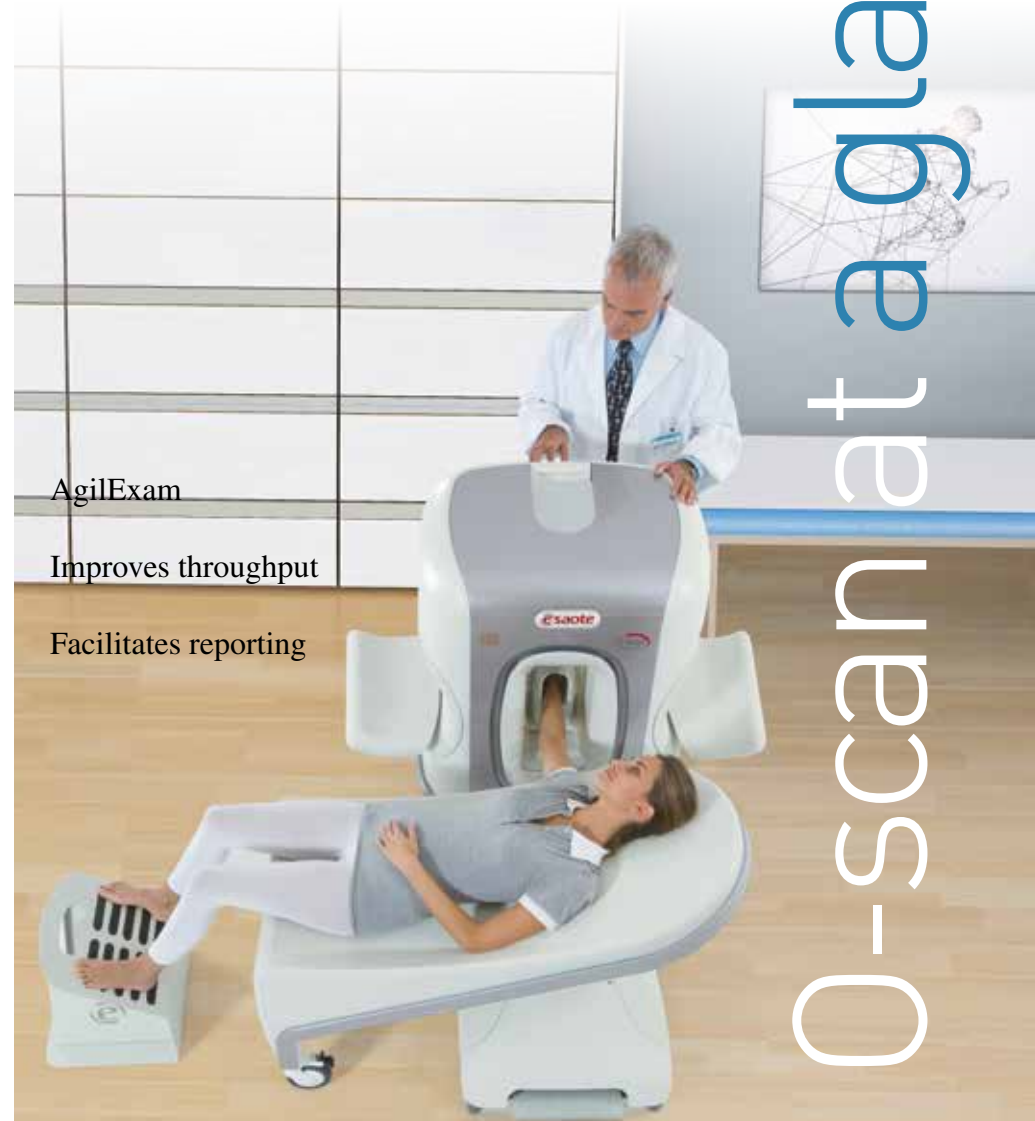


### 3. Check & Go

Check the automatic slice positioning and confirm to execute the protocol.

Improves Throughput  
Facilitates Reporting

The advanced features of O-scan are appreciated by users as well as patients, a perfect synergy for in-patient and outpatient services.



AgilExam

Improves throughput

Facilitates reporting

O-scan at a glance

# O-scan, Hassle-Free MRI

## Ease of Use

The O-scan is easy to use and learn as it uses Windows® functionalities. The interface and protocols are custom designed for extremity MRI which considerably speeds up and simplifies the examination procedure.



## Remote Assistance

All Esaote MRI systems have remote service capability. Remote connection gives Esaote service and application specialists the possibility to perform system checks, verify image quality and help the local operator set optimal exam parameters. Remote Service shortens reactions times and improves the efficiency of the service visits.



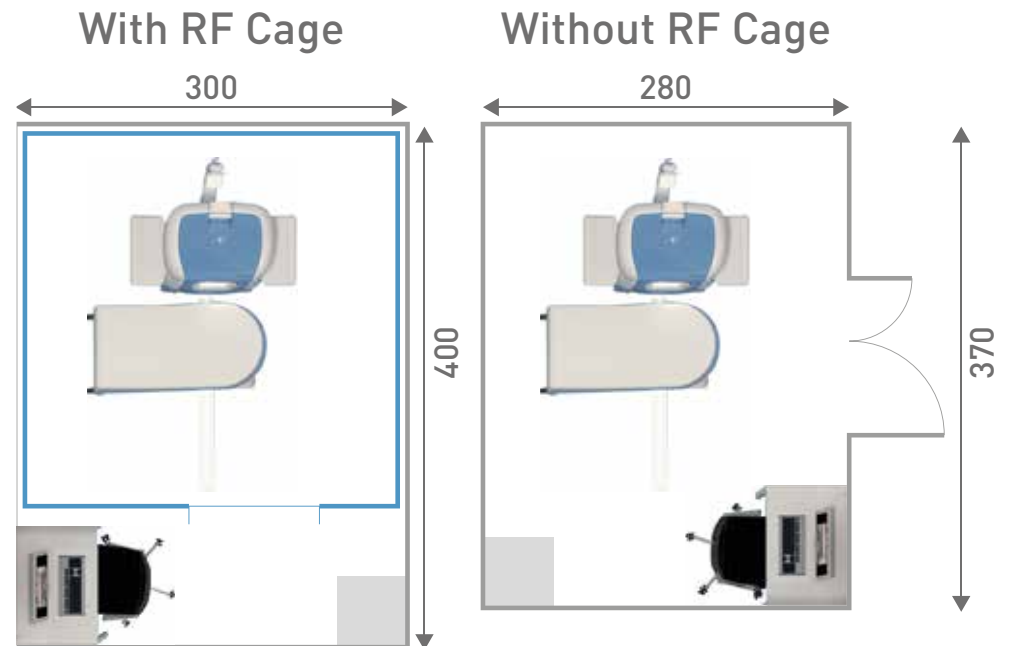
## Connectivity

O-scan comes with network storage and documentation features to work as part of an integrated environment offering smart solutions for connectivity and tele-radiology.

O-scan comprises features like "Patient CD" and an integrated DVD based archiving function for stand-alone operation.

## Fits almost everywhere

The O-scan does more in less space. The innovative design and unique structure minimizes the total space required for installation. Thanks to its low weight and extremely small 5 gauss footprint, the O-scan can be installed in virtually any office or practice with ease, accommodating the needs of both small diagnostic practices and large radiology departments.





# O-scan, Designed for comfort



All Esaote MRI systems have patient comfort at heart and the O-scan is no exception. Its optimal ergonomics not only eliminates claustrophobic reactions, it also gives maximum comfort and stability also for larger patients.

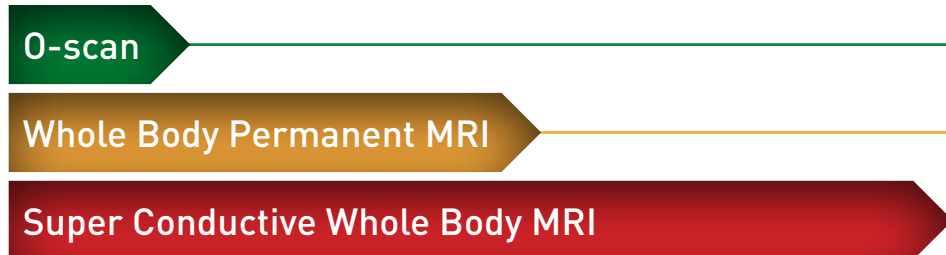
Patient positioning is simple, easy and fast with O-scan, thanks also to the real-time positioning device.

The real-time feature allows you to start the scout scan and check patient positioning directly from the gantry.



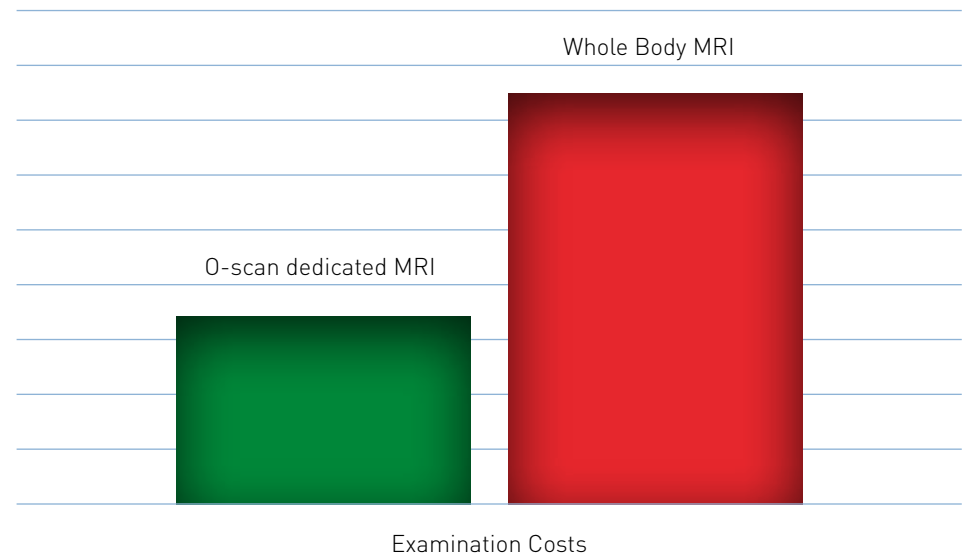
# O-scan, eco friendly and efficient

- Powerful dedicated magnet
- Shimming: passive and active
- Very compact, minimal space
- Light weight MRI
- Integrated RF shielding
- Extremely Low running costs
- Low Power Consumption (1 kW)



Easy installation, ease of use, low maintenance technology, low energy consumption, no cryogenes, remote service possibility make O-scan a very smart investment even for sites with a low workload.

The lowest break-even in industry.



# Which is the right O-scan for you?



## Optimal image quality

covering your day to day needs in MRI imaging



**Low volumes or economic constraints?** O-scan is the perfect solution



Patient **friendly**



Dedicated multichannel coils for excellent image quality



**Minimal installation requirements**



Need **high throughput**, choose O-scan premium with Speed-Up and TR reduction technologies



**Advanced imaging.** O-scan premium includes features like 3D Isotropic, MAR, True Motion, Fast scanning technologies like Speed-Up and many more to support the advanced imaging functions



**Real-Time Display** for fast positioning



**Agil@xam**  
MRI made easy

**Improves Throughput  
Facilitates Reporting**



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