

Take Pride in Performance



Introducing the O-scan

Introducing the star performer in MRI for extremities, the world has been waiting for.

Now more than ever, patient comfort, quality, exam times, workflows and overcoming economic challenges are fundamental requirements in today's healthcare scenario. The O-scan therefore represents a perfect response to these issues.

The O-scan, is a new and *Outstanding* MRI for extremities that is characterized by the **FIVE Ps** which are cornerstones for effective MRI, proving that Esaote is well tuned into current customer requirements.



O-scan & the five Ps

Power

Power is not just about technical capacity, it is also a state of mind. *O-scan* changes your perspective on MRI and allows you stand out from the crowd making it a truly “empowering” experience for the user and patient.

Performance

O-scan is result oriented and therefore fully customized to efficiently do its job, producing high quality musculoskeletal images with a high throughput.

Pride

We all want to take pride in what we have and what we do and the *O-scan* allows you to do just that. A high tech MRI system, very nice Italian industrial design, unique patient comfort, high quality images; an Esaote extremity MRI with attributes valuable for both patients and users.



Partnership

Esaote is the ideal partner in MRI, whatever your specialization, be it Radiology, Orthopedics, Sports Medicine. *O-scan* is in fact the result of over 15 years of experience working closely with customers.

Pace

In today's fast moving environment you need to keep up to speed technically as well as economically. With *O-scan* you choose the fast-track for your high-tech diagnostic services and last but not least for return on investment.

O-scan, Impressive Image Quality



DPA Knee Coil



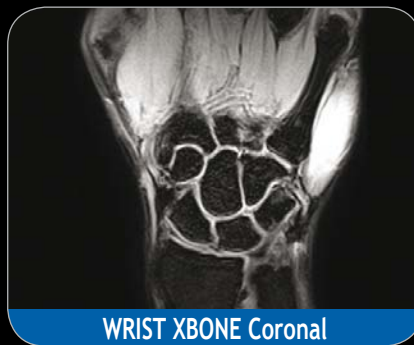
DPA Hand/Wrist Coil



DPA Foot/Ankle/Elbow Coil



Knee FSE T2 Sagittal



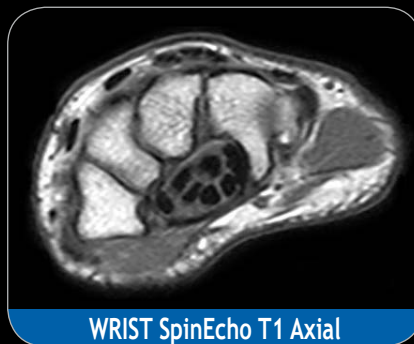
WRIST XBONE Coronal



ANKLE STIR Sagittal



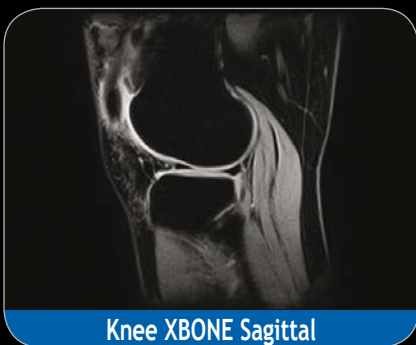
Knee 3D SHARC Axial



WRIST SpinEcho T1 Axial



ANKLE FSE T2 Axial



Knee XBONE Sagittal



WRIST 3D SHARC Coronal



ELBOW 3D SHARC Coronal

O-scan, Meeting High Standards



MRI in motion, Breaking traditional barriers

O-scan takes account of the need for higher through-puts in Radiological settings and Orthopedic practices. It can easily work alongside whole body scanners in Radiology departments, freeing-up the time for major clinical cases therefore allowing you to improve your work flow and provide an optimal patient experience. In orthopaedic centers it can give direct access to MRI without having to make another appointment, saving both time and costs for the patient and the healthcare provider.

With the O-scan, the faster track to MRI for extremities, you can ***BREAK TRADITIONAL BARRIERS.***



A perfect synergy

The unique features of O-scan can be appreciated by users as well as patients, a perfect synergy for in-patient and out-patient services.

- > Powerful, compact permanent magnet
- > Advanced coil design
- > High image quality
- > Low power consumption
- > Low running costs
- > Light weight
- > Integrated RF shielding
- > Large opening
- > Open MRI exam
- > Maximum patient comfort



O-scan Hassle-Free MRI

Windows® Interface

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

Remote

O-scan system parameters and system components can be checked via ARAS, the remote service program from Esaote. ARAS shortens reactions times and improves the time to repair as service visits can be made more efficient with the service technician arriving on site already prepared.

Connectivity

O-scan comes with all network, archiving and documentation features to work either stand alone or as part of an integrated environment. It has an integrated DVD archive and retrieve software package, printer facility and a patient CD package. O-scan is also DICOM compliant and offers smart solutions for connectivity and teleradiology:

- > DICOM image transfer to any PACS or Workstation
- > DICOM worklist capabilities allowing the system to be connected to a centralized registration system
- > E-MRI Viewer: an Esaote software-only PC program which transforms a normal PC into a DICOM viewer.

Installability

The O-scan does more in less space. The innovative design integrates a complete MRI system including RF shielding in one unique structure, minimizing the total space needed for installation. Due to its low weight and extremely small 5 gauss footprint the O-scan can be installed in virtually any office or practice with ease.

The operator console, featuring a Windows® interface, can be located either in or outside the room, accommodating both small diagnostic practices and large radiology departments.



O-scan The Power of 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 even to much larger patients.

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

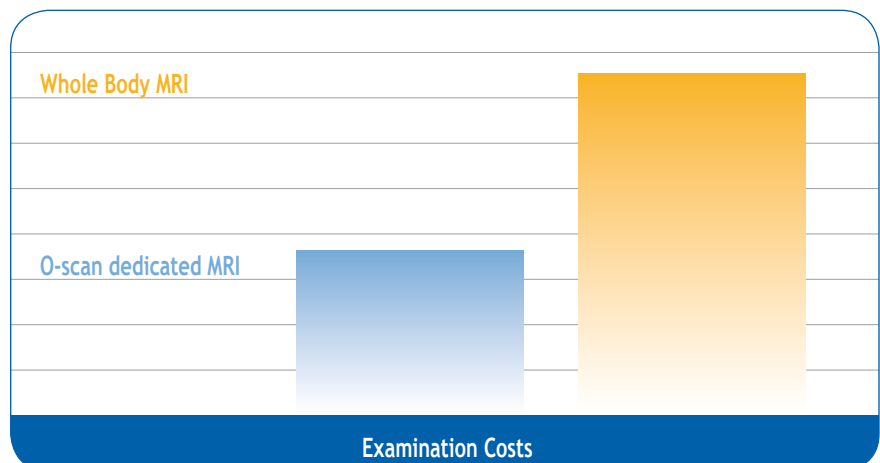
The real-time feature allows you to start the scout scan and check patient positioning directly from the gantry.



O-scan, Technology that works for you

- > Open permanent magnet
- > 0.31 Tesla field
- > No RF Shielding Cage required
- > Max RF power: 1500 W
- > Shimming: passive
- > Gradient: ± 20 mT/m
- > Slew rate: 50 mT/m/ms
- > FOV: 14 cm
- > Very compact, installation space of 9 m² required
- > Low Power Consumption: only 1 kW in normal 220/110V power outlet
- > Complete set of dedicated DPA coils

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



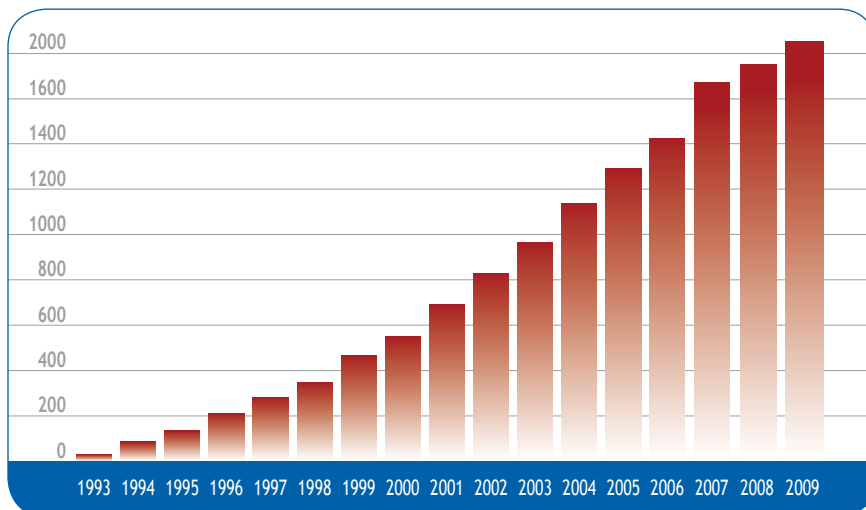
One patient per day break even.

Esaote From Success to Success

The introduction of O-scan is evidence of Esaote's long-term strategy of maintaining its leadership position in dedicated MRI with products that reflect the market's needs. By working closely with its customers, Esaote aims at exceeding expectations rather than just meeting them.

Esaote introduced E-MRI in 1993 as a response to growing demand for MRI of extremities. Research and development has been driven by customer needs and patient comfort while still focusing on the cost/benefit ratio. This innovative approach has made Esaote the recognized world leader in dedicated MRI.

O-scan is the latest arrival to Esaote's ever growing family of innovative MRI products. Esaote dedicated systems have been on the market for over 15 years with over 2000 systems worldwide.



Total Esaote E-MRI installed

O-scan Your Way Forward

An Outstanding MRI, to be Proud of.



ISO 13485:2003 ISO 9001:2008

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