



## PRESS RELEASE

### ROYAL PRESTON HOSPITAL INVESTS IN ESAOTE'S O-SCAN MRI UNIT - A COMPACT UNIT USED FOR EXTREMITIES SCANNING

- O-Scan's compactness ideal for smaller spaces
- Openness of unit removes patient anxiety, claustrophobia and loud noise

[LONDON] 3<sup>rd</sup> October 2013 - **Royal Preston Hospital**, part of the Lancashire Teaching Hospitals NHS Foundation Trust, has invested in Esaote's O-Scan - a compact MRI unit for extremities scanning. Russell Dineley, General Manager of the Trust's Imaging Directorate and Medical Illustration Department explains: *"We have two hospital sites, and operate three high field large bore MR systems to meet a significantly rising demand for MRI, as well as cross-sectional imaging. Our requirement was for additional MRI procurement that was cost-effective, hence our decision to purchase the O-Scan, which requires less space, less power and lower capital expenditure in terms of associated building costs, compared to a large bore system. Our Consultant Radiologists are extremely satisfied with the image quality, and have been pleasantly surprised that patient throughput time is comparable to that of large bore scanners."*

Dr Chooi Oh, Consultant MSK Radiologist notes, *"My colleagues, Dr. Ali, Dr. Beardmore, and I perform a lot of knee scans, followed by wrist, ankles, and some elbows. If comparing the O-Scan to a 1.5 tesla unit, we find images are very good. Knee images are particularly good, and O-Scan's 3D SHARC sequence is extremely good for cartilage. The patient experience is a lot easier and less stressful than a whole-body MRI. When training our colleagues to use O-Scan, they haven't found it too complex to master."*

Dr John Howells, Associate Clinical Director, states, *"We at Lancashire Teaching Hospitals always seek to embrace the latest technology to deliver the best health care to our patients at the lowest cost to the public purse. The O-scan is an excellent example, and we are delighted to welcome this technology to our Hospital."*

The O-Scan's compact technology and simple user interface provide radiologists with instant access to excellent quality and images via secure software. Stephen Kennedy, Country Manager for Esaote UK, points out: *"The O-Scan does more in less space. Its innovative design integrates a complete MRI system, including RF shielding, in one unique structure, minimising the total space needed for installation. O-Scan can be installed in virtually any office or practice with ease."*

As the NHS reshapes and reorganises, it is expected that demand for compact MRI systems will increase in the UK - as it has in continental Europe.

### **Esaote's O-Scan key features:**

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 patient CD package. It is also DICOM compliant and offers smart solutions for connectivity and tele-radiology:

- DICOM image transfer to any PACS or Workstation
- DICOM worklist capabilities allowing the system to be connected to a centralised registration system

### **System features:**

- Maintenance-free open permanent magnet
- No RF Shielding cage needed
- Very compact, installation space of 9 m<sup>2</sup> required
- Low Power Consumption: only 1 Kw in normal 220/110V power outlet
- Ergonomic design for maximum patient comfort (no claustrophobia)
- Complete set of dedicated optimized DPA coils
- All imaging sequences used in MSK settings
- Full set of pre-defined sequences and protocols
- User defined sequences and customised examination protocols
- Multi planar scout
- Windows based user interface
- Extensive image viewing, analysis and elaboration tools
- Sophisticated storage functionality particularly useful for systems connected to PACS network
- Full DICOM connectivity

**ENDS**

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**Team Photograph:** See images attached to email [Chooi Oh, Consultant Musculoskeletal Radiologist and Specialist Neuro Radiographers: Rosie Valentine, Joanne Bury, Christine Rosney, Adam Willetts]

**Product shots:** See accompanying high resolution pics of **O-Scan**

### **About Esaote:**

Esaote is one of the world's leading manufacturers of medical diagnostic imaging systems. Esaote is a European based manufacturer of ultrasound technology, and acknowledged as a world leader in musculoskeletal MRI systems. 20% of Esaote's 1,350 employees are exclusively focused on research and development at the company's R&D facilities in Genoa (I), Florence (I) and Maastricht (NL), and enjoy the co-operation with worldwide scientific and clinical research centres. Information about the Esaote Group and its products is available at <http://www.esaote.com>



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