

The best of both worlds – high field *and* open MRI

CT and MRI have become indispensable in radiological diagnostics. However, conventional MRI systems with a narrow, restricted scanning tunnel can cause great anxiety to the patient. Another milestone in the development of patient friendly MRI is the Oasis™ – high field and open MRI in one complete system ensuring it ‘takes all kinds’

- Claustrophobic
- Bariatric
- Paediatrics
- Elderly
- Those with limited mobility

OASIS™ – The advantages:

Claustrophobia issue: With almost one in every four patients suffering from claustrophobia, the examination either does not take place or can only go ahead if sedation is used. The Hitachi



Oasis™ combines a truly open design together with high field strength providing optimal image quality comparable to that of a closed bore system. The 270° angle of vision allows an unobstructed view during the scan for a far more

comfortable patient experience whilst simultaneously giving the clinician a clear view of the examination in progress.

Bariatric issue: With 23% of the UK now clinically obese and this number rising, a scan in a traditional closed bore MRI is either impossible or extremely uncomfortable. The conventional MRI was originally designed for people who weigh much less.



‘It takes all kinds’

Burgeoning obesity now demands a radical rethink in design whilst maintaining the necessary image quality of a 1.5T.



The Oasis™ bore-less high field MRI meets the bariatric imaging challenge:

Powerful, high performance MR electronics with fast gradients and multi-channel RF technology provide diagnostic performance comparable to that of a 1.5T MRI but with the advantage of the open architecture design.

- Widest patient table at 82cm (allows for lateral decubitus patient positioning)
- Largest flex body coil (190cm)
- Unlimited lateral opening
- Specific bariatric scanning protocols

Age issue: The anxious young and elderly can now undergo an MRI scan feeling more relaxed and comfortable in their surroundings. A fast scanning technique reduces the study time whilst the Phased Array Coil Technology ensures excellent signal-to-noise ratio guaranteeing first class image quality together with the power of a conventional bore type MRI.

- Unlimited patient access increases efficiency
- Parents can talk to and reassure the child during the exam
- Fast scanning techniques keep the scanning time to a minimum



Anxiety issue: Oasis™ offers an anxiety-free environment because patients can now see left and right guaranteeing an unprecedented level of comfort.

- The patient has an unobstructed view for virtually every exam – increases satisfaction and keeps study times short
- Radiographers and Clinicians have access to the patient from anywhere around the magnet



Generate an Oasis™ of calm and tranquillity for all kinds of patients

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Mayday Hospital takes delivery of the unique Oasis™ MRI

The UK’s first unique, high field Open Oasis™ MRI system has just been installed at InHealth MRI Centre at Mayday Hospital, Croydon offering the most advanced MRI facilities in the area. Clinicians from London and the South-East now have a viable MRI alternative for patients suffering from claustrophobia and bariatric cases reducing the overall rejection rate. Indeed, initial examinations since the install show a rise in referred claustrophobic patients of approximately 25 per week. The unit was officially opened on the 11th May by three members of the Harlequins Rugby team highlighting the open architecture and design of the system!