

HITACHI
Inspire the Next

OASIS™

ADVANTAGES OF OPEN HIGH-FIELD MRI



HITACHI



OASIS™



Unobstructed View

PATIENT-CENTRIC DESIGN

Oasis, the only available open high field MRI system, features a patient-centric design delivering outstanding patient comfort and operator convenience benefits with uncompromised diagnostic performance. Oasis has the unique ability to accommodate difficult to scan patients who cannot be successfully scanned on conventional horizontal (closed-bore) MRI. Challenging patients such as bariatric, pediatric, geriatric, anxious and claustrophobic are more comfortably accommodated, and all patients appreciate the open architecture environment.

Oasis Advantages

- Wide patient gap manages the extremes of the patient population
- Widest patient table accommodates large patients
- Anatomy imaged at iso-center for outstanding image quality
- Asymmetrical table alignment provides patients an unobstructed view
- Real differentiation for your MRI service





Continuous Patient Contact

The open architecture and unlimited access to the patient differentiates your pediatric MRI services. Constant parent – child contact ensures even the smallest patients have the ideal MRI experience.

Oasis Advantages

- Potentially lower sedation rates
- Unlimited patient access increases efficiency
- Parents can talk to and reassure the child during exam
- RADAR motion compensation reduces repeat scans and improves image quality
- Fast scanning techniques keep study time minimal
- Halo coil delivers quality imaging and an all around view





Open and Relaxed

CLAUSTROPHOBIC IMAGING

Open MRI has always been the patient choice. Oasis lets you differentiate on patient comfort, with the confidence high field imaging brings. Oasis offers an anxiety-free environment because patients can see left and right while feeling unrestricted before, during, and after their exam.

Oasis Advantages

- Patient has an unobstructed view for virtually every exam
- Technologists have access to the patient from anywhere around the magnet
- Wide and comfortable patient table manages the largest patients
- Large patient opening enables decubitus patient positioning
- RADAR for motion compensation reduces rescans and improves image quality
- Fast scanning techniques reduce study time





Easy Patient Access

Patients can have a friend or loved one with them throughout the exam. The 32" ultra-wide patient table lowers to 20", making it easy for patients to transition on and off of the table, and reducing the strain and struggle during scan set up.

Oasis Advantages

- Technologist has access to the patient from anywhere around the magnet
- Technologist can easily observe the patient during the exam
- Ultra wide table enhances accessibility and comfort
- Table lowers to 20" for easy access
- RADAR for motion compensation reduces rescans and improves image quality
- Fast scanning techniques reduce study time





Accommodates the Largest Patients

Deliver comfortable and high quality MRI to the larger patient with Oasis. A wide magnet opening, wide table and sensitive RF coils let you accommodate patients no one else can, with the assurance of high quality imaging.

Oasis Advantages

- Largest patient gap and highest table weight limit (660 lbs) accommodates largest patients
- Unlimited lateral opening for comfort and acceptance of broad shouldered patients
- 82cm wide table puts anatomy at iso-center
- 3 axis motorized table movement for technologist convenience
- XL Flex Body coil - largest receiver coil available delivers excellent image quality
- Transmit/Receive Body coil provides high quality results when volume coil cannot be employed
- Bariatric scanning protocols optimize SNR and contrast resolution





Lateral Access for Comfort and Convenience

Access a unique combination of quality imaging and patient comfort for Breast MRI with Oasis. High SNR meets today's bilateral high spatial and temporal resolution requirements. Lateral access means your patients can see out all the time, and drives the potential for real-time interventions.

Oasis Advantages

- Patient has an unobstructed view during the exam for maximum acceptance
- Breast coil supports high resolution diagnostic acquisitions and interventions
- Breast interventions can be completed with patient at iso-center for best workflow
- Fast TIGRE high resolution sequence delivers 3D fat saturated bilateral coverage
- HOAST and regional shimming for excellent RF fat saturation





Unlimited Access. Easy Positioning. Optimal Results.

MUSCULOSKELETAL IMAGING

Oasis delivers comfortable extremity imaging. All extremities are easily and comfortably imaged at the patient's side at iso-center for optimal image quality.

Oasis Advantages

- Unlimited lateral opening accommodates the broadest patients
- All extremities comfortably imaged at patient's side with excellent fat suppression
- Shoulder coil and open design allow easy ABER positioning for optimal labrum visualization
- In bore lateral movement simplifies iso-center positioning for all extremities
- Simplified flexion/extension imaging differentiates your capabilities
- HOAST and regional shimming ensure excellent RF fat saturation

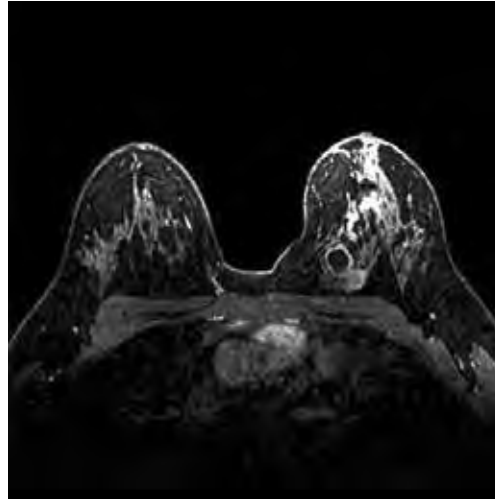


Oasis 1.2T Open MRI system sets a high standard for patient-centric care. A unique achievement in high-performance imaging, the Oasis truly open architecture features high magnet uniformity, Zenith RF Technology and advanced imaging capabilities to achieve high throughput diagnostic performance.

Benefits include:

- 1.2T patient-centric open MRI provides high image quality and outstanding patient comfort
- HOAST™ Higher-Order Active Shim Technology for consistent RF fat saturation
- Zenith™ RF system and coils provide high SNR and exceptional image quality
- Vertex™ II computer system and Origin™ MR operating software – powerful and easy to learn and use for optimal workflow
- Robust suite of clinical capabilities including RADAR motion compensation, VASC non-contrast MRA and more

Advanced clinical performance, attractive economics, proven reliability and the assurance of imaging excellence make Oasis a sound choice for every MR imaging service.



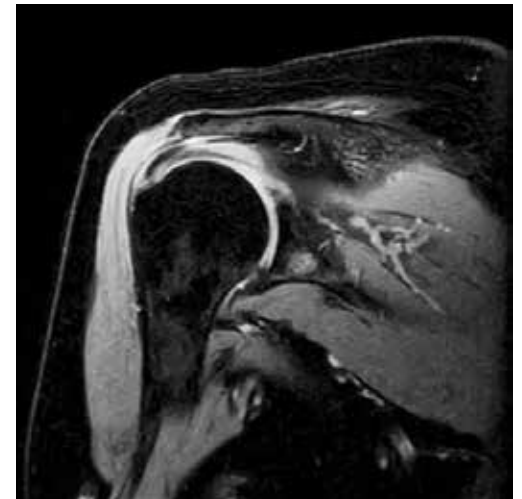
TIGRE Axial



RADAR T2 FSE



Fluoro Triggered MRA (FLUTE)



FatSep FSE



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Hitachi reserves the right to change specifications described herein without prior notice. This document provides general technical descriptions of both optional and standard features.