

Magnetic Resonance Imaging

Nexaris MR Therapy Suite Readiness Guide

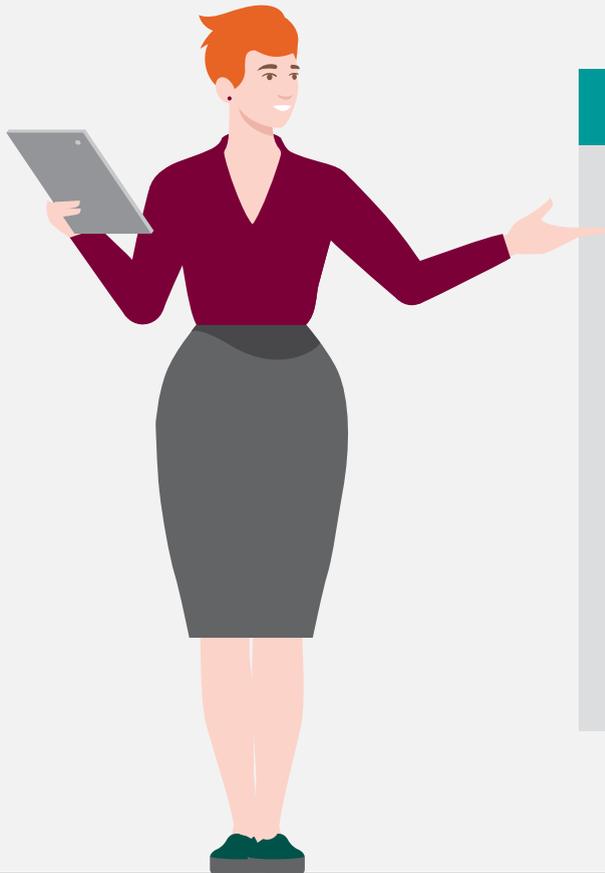
➤ siemens-healthineers.us/clinical-education-mri



Introduction

Thank you for choosing us as your partner for the intraoperative Nexaris MR Therapy Suite. The information provided is designed to support a seamless and successful integration of this advanced technology into your practice.

Our team is here to guide you every step of the way.



Preparation & Coordination

- Specify vendor credentialing, inspections, and testing requirements
- Indicate mandatory participants required for training
- Determine which third (3rd) party vendors should be scheduled in coordination with the ioMRI training
- Identify essential equipment requirements



Training Phases

- Establish a timeline for scheduling trainings
- Define specific objectives for each training session
- Outline the expected duration of each training session



Support & Communication

- Obtain further training details
- Identify Siemens Healthineers key contacts for scheduling, education questions, and technical support
- Recall details of the Siemens Healthineers cancellation policy





Preparation & Coordination

Customers are responsible for coordinating training with all 3rd party vendors.

Staff scheduling

All stakeholders involved in intraoperative MR (ioMRI) should participate in the planning and training process.

Possible attendees include:

- MR Technologists
- Radiologists
- Surgeons
- Nurses
- Anesthesia
- Surgical Technologists
- Housekeeping
- Vendors

» Mandatory attendees are defined later in each training phase.

Up to four MR super-users should be present throughout the training.

Continuing Education (CE) credits are only awarded to MR Technologists who attend the full training. No partial credit or exceptions will be granted.

Vendor coordination

Trainings should be scheduled in coordination with other vendors, depending on 3rd party equipment and components purchased.

- Maquet (OR Table/Transfer System)
- Trumpf (OR Table/Transfer System)
- DORO Medical (Head Fixation Device)
- Noras Medical (Head Fixation Device)
- BrainLAB (Navigational Planning)
- IMRIS (iMRI System Vendor & Surgical Products)
- Other vendors if applicable

Notify your Siemens Healthineers Education Customization Manager and 3rd Party Vendors prior to onsite education if Vendor Credentialing or RepScrub accounts are required.

Inspection and testing requirements

- Certificate of Occupancy or Certificate of Need (COO/CON)
- Department of Health
- Fire and Safety Compliance
- Medical Physicist Testing
- Regulatory Compliance (ACR, FDA, BRH, etc.)



Preparation & Coordination

Incomplete setup and availability of vendors or equipment may result in reduced training effectiveness or even cancellation.

Equipment Requirements

All equipment and consumable items must be installed, configured, and stocked prior to training.

- Siemens Healthineers and third-party coils, PACS, injectors, etc.
- IP addresses (e.g., PACS, Navigation Planning, etc.)
- Dockable and OR tables with coupling clamps
- Full set of transfer rails
- Gantry obstruction template
- ioMRI Head Fixation Device
- Drug infusion pumps, ventilator/anesthesia machine, and monitoring systems





Training Phases

Training for the Nexaris MR Therapy System is delivered in structured stages to ensure all staff are fully prepared to safely and efficiently perform intraoperative MRI (ioMRI) procedures.

Contact your Siemens Healthineers ECM when your facility is ready to begin scheduling training. Schedule an initial meeting with all 3rd party vendors to align project planning and timelines.

1. Pre-Planning consultation

- Recommended Timeline: 3-4 months before Go-Live
- Training Lasts: Typically: ≤2 hours
- Recommended Attendees: Customer Project Lead & ECM
- Goals:
 - Review Expectations and training timelines
 - Establish initial roles & responsibilities
 - Identify facility personnel included in training

» During this consultation, we will review expectations and training timelines, establish initial roles & responsibilities, and identify facility personnel included in training.

2. Vendor planning

- Recommended Timeline: 3-4 months before Go-Live
- Training Lasts: varies based on vendor availability
- Recommended Attendees: 3rd party vendors and Siemens Healthineers Representative or CES
- Goals:
 - Align equipment installation for all vendors
 - Establish training plans and expectations for all vendors
 - Review safety training plans for staff required by vendors

» This meeting will ensure alignment on equipment installation for all vendors, establish training attendance expectations for all vendors, and review safety protocols required by vendors.

3. MR Environment safety training

- Recommended Timeline: Prior to Dry-Run
- Training Lasts: (2) 4-hour workshops
- Recommended Attendees: OR, nursing, environmental services, surgeons, radiology, etc.
- Goals:
 - Provide safety training for all stakeholders interacting with the MR environment

» These (2) workshops – Nexaris MRI Safety Numaris X & MRI Safety for Environmental Services – provide safety training for all stakeholders interacting with the MR environment.

Safety training must be completed prior to any further training. If purchased, Siemens Healthineers can provide MR Safety workshops for OR and ancillary staff. MR Safety training must be completed prior to the ioMR Nexaris system training. Safety training can be delivered by the customer, or Siemens Healthineers can augment as needed or requested.



Training Phases

Contact your Siemens Healthineers ECM with preferred dates at least 3-4 weeks in advance.

4. Dry Run – Phase I

- Recommended Timeline: 2-3 months before Go-Live
- Training Lasts: varies based on number of attendees (typically 2-3 days)

Included are live simulations to walk through the full ioMRI workflow using volunteer participants, training on hardware handling, environmental setup, and safety operations, demonstrations on how the Patient Transfer System works across zones, practice attaching head fixation device and using docking mechanism, and review of emergency procedures for rapid evacuation of a patient from the MR suite.

NOTE: volunteers are required

» Recommended Attendees: All MR/OR staff, 3rd party vendors, and CES attendance is mandatory

5. Dry Run – Phase II

- Recommended Timeline: 1-2 months before Go-Live
- Training Lasts: varies based on number of attendees (typically 2-3 days)

This phase provides, reinforces, and refines training and includes additional hands-on simulations. Experience running advanced workflow scenarios that are tailored to anticipate surgical cases. Training validates readiness for all personnel, equipment, and procedures.

NOTE: Mannequins are used for patient simulations, including transfer, positioning, and could placement. Volunteers are required.

» Recommended Attendees: All MR/OR staff, 3rd party vendors, and CES

6. System Turnover & Go-Live Support

- Recommended Timeline: 1st official patient visit
- Training Lasts: Typically 3-5 days (28-hours)

Support continues for the first live intraoperative MR case. Attendees will learn how to troubleshoot, and real-time workflow will be enforced.

» Recommended Attendees: All MR/OR staff, 3rd party vendors, and CES

7. Follow-Up Applications Training

- Recommended Timeline: scheduled 6-8 weeks
- Training Lasts: Typically 2-3 days

The training is meant to reinforce knowledge and workflow during applications training. In addition to providing support for additional staff or to extend attendees capabilities.

» Recommended Attendees: Any additional ioMRI staff requiring training





Support & Communication

Contact Information

Please reach out to your ECM team with any questions or when you are prepared to start planning the training. Training details are provided by your assigned CES at least one week prior to each training session.



ECM Email

Customer Care Center Phone

1-800-888-7436

Please have your functional location number available (400-XXXXXX).

Cancellation Policy

Notify your ECM immediately if changes are needed to avoid cancellation fees. Refer to Siemens Healthineers' cancellation policy for full terms:

[↗ Siemens Healthineers Cancellation Policy](#)

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Glossary

Education Customization Manager (ECM): Your primary point of contact for scheduling and managing purchased training.

Clinical Education Specialist (CES): Responsible for delivering training and education on Siemens Healthineers systems.

Dry Run: Non-patient training sessions used to simulate workflows and practice hardware operation.

Go-Live: The first live clinical case using the Nexaris MR Therapy System.

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