IMRIS HYBRID OPERATING SUITE
MOVE THE MAGNET TO THE PATIENT

With integrated tools and technology specifically for neurosurgical applications, your IMRIS Hybrid Operating Suite will allow your surgical team to position the patient optimally for the procedure. Once positioned, the patient will never need to be moved for scanning – before, during or after a procedure.
An IMRIS Program Manager will coordinate the details during every phase of your project, and a clinical specialist with extensive knowledge of intra-operative imaging and operating room workflows, will guide you through the planning and installation.

Our experts will be your direct line of communication to ensure continuous collaboration with your team during every step of the process.

We streamline the construction experience, overseeing each step in the project and consolidating the process, from rigging and installation to hand-over. We integrate all of the hybrid OR components to efficiently work together in this unique environment.

Our experience enables us to anticipate your needs during construction so the project remains on schedule and on budget.

We work around your schedule to minimize downtime while your new hybrid OR is under construction.
With years of experience designing and building world-renowned surgical suites, IMRIS provides effective site planning services, including:

- Conceptual study reporting
- Site evaluation & preliminary planning
- Vibration testing
- Schematic designing
- Workflow optimization
- Delivery of the final package

IMRIS is the only company in the world with the technology capable of transporting a 7.2-ton magnet between a diagnostic room and adjacent operating rooms. Our patented ceiling-mounted rail system, the IMRIS Magnet Mover, is truly a one-of-a-kind innovation.

When designing your hybrid OR, we focus on two main priorities: the safety of patients and clinical staff; and optimizing workflow while maintaining diagnostic quality imaging.
EXPANDED SURGICAL SOLUTIONS.

Our technology empowers surgeons to treat a variety of conditions. Intraoperative MR images provide real-time guidance for life-changing procedures such as tumor resection and direct drug delivery.

EQUIPPED FOR THE FUTURE.

IMRIS Hybrid Operating Rooms are designed for complex image-guided procedures. They are multifunctional environments, with the potential applications extending beyond a single department or function, allowing for new technologies and therapies to be added in the future.

With a single MR scanner for diagnostic and intraoperative imaging, the IMRIS Hybrid OR is a scalable solution for a wide range of imaging modalities and clinical applications including neurosurgery, interventional radiology, and cardiology.

A standard two-room configuration has a diagnostic room, a control room, and an operating room. A three-room configuration typically consists of a diagnostic room and a control room, shared between two operating rooms.

PHASE I: PLANNING
- Project is launched
- Technical requirement drawings provided to customer
- Architecture drawings created with clinical oversight
- Final architectural design, sign-off, and structural review
- Installation planning

PHASE II: EXECUTION
- Installation of rails, radio frequency shielding, and medical equipment, including imaging modalities

PHASE III: COMMISSIONING
- System testing completed
- Clinical workflow and safety training provided
- Suite handed over to customer

TWO-ROOM AND THREE-ROOM CONFIGURATIONS
ENHANCED SUPPORT FOR CUSTOMERS.

CLINICAL TRAINING
The operating room environment is evolving and IMRIS Clinical Support is evolving with it. Our highly experienced Clinical Applications Specialists leverage their knowledge of imaging modalities and hybrid OR environments to provide the best customer experience. Our team is trained on current intraoperative and diagnostic imaging technologies and applications to better support you and your hospital’s staff. Upon completion of system testing, your staff will be trained by an IMRIS Clinical Specialist on the new clinical workflow and safety protocols.

CUSTOMER SERVICE
When you purchase a service contract with your IMRIS Hybrid Operating Suite, you will have 24/7 technical support, as well as onsite assistance for planned maintenance and replacement of warrantied parts provided by our Customer Service Engineers.

CLINICAL SUPPORT (AVAILABLE ONLY IN THE USA)
IMRIS Clinical Support is the industry’s most comprehensive intraoperative service solution. Following completion of standard training, a dedicated Clinical Applications Specialist will be onsite periodically to support, educate, and further train clinical staff in the IMRIS Hybrid OR. In addition, they are your resource for ongoing clinical development, MR safety, equipment usage, and optimization of clinical workflow.
IMPROVING PATIENT OUTCOMES.

IMRIS offers solutions that help improve outcomes, increase patient safety, and reduce risk of infection while bringing confidence to patients’ families.

Surgeons achieved a 30-point increase in the percentage of patients with gross/total resection when iMR was used.1,2,7-10

\[
\text{30}\%
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2. Chen et al, Springer-Verlag 2011
3. *IMRIS Multi-Center Intraoperative MRI Neurosurgery Database at Washington University and Barnes-Jewish Hospital
5. Wirtz et al, Neurosurgery, 2000
10. *Mohammadi AM et al, Cleveland Clinic, Neurosurgery 2014
*Studies using IMRIS Intraoperative MRI Systems.

In 40% of all cases, the surgeon modified the procedure based on the findings of iMR – information that would not have been available until post-procedure.1,2,3

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\text{40}\%
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1. Chicoine MR et al, 2011: 65% without intraoperative MR; 93% with intraoperative MR
2. Chen et al, 2011: 52% without intraoperative MR; 88% with intraoperative MR

In 55% of glioma cases, the surgeon resected additional tumor that was identified using iMR.1-6

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\text{55}\%
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