MAXIMUM IMPACT


Brainlab unites image-guided surgery with intraoperative high-field diagnostic MR imaging. Utilization of pre- and intraoperative data allows for informed decision-making during the most advanced cranial procedures. Brainlab fully integrates MR imaging devices from various manufacturers, offering hospitals maximum flexibility, cost-effectiveness and workflow efficiency.

AUTOMATIC IMAGE REGISTRATION

Automatic Image Registration is the fundamental technology for seamless high-precision surgical navigation, eliminating the need to access anatomical landmarks. Intraoperatively acquired images are automatically registered and added to the surgical navigation, optimizing the workflow while maintaining the preoperatively generated surgical plan.

STERILE CONCEPT

With the reference unit Drapelink®, Brainlab offers a unique sterile concept for intraoperative MR imaging. Drapelink is a modular reference array system comprised of two pairs of reference arrays and interconnectors which provide an accurate link to the skull clamp while helping protect the sterile field. This allows for the use of a single top coil during the same procedure, eliminating costs associated with a sterile second coil.

NEXT GENERATION O.R. INTEGRATION

Buzz® Digital O.R. is the central multi-touch control and information hub to route, display, document and enhance medical images, software content and videos. Its broad range of features include Brainlab surgical DICOM Viewer; HIS and PACS integration; displaying and routing of video sources and software content; and software-based audio/video conferencing.

CUSTOMER CONSULTING

The high level of technology integration involves detailed preparation and precise organization. Brainlab experts provide customers with comprehensive consulting, project management, planning, installation and training to ensure a smooth and professional transition.