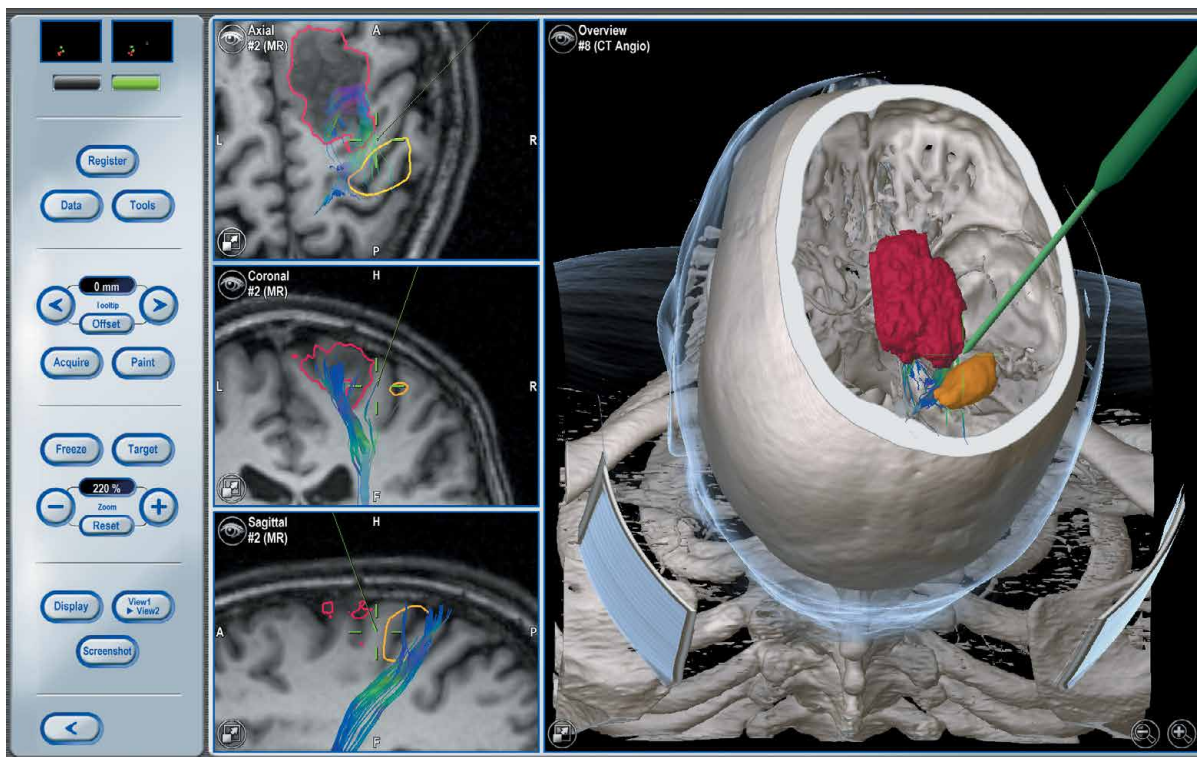


INTUITIVE POWER

Integrated tools. Flexible display. Brainlab® neuronavigation combines ease of use with extended functionality.



Brainlab® Cranial Navigation Software with Advanced 3D Visualization



VarioGuide™

With digital patient data uploaded directly to the Brainlab® neuronavigation system, surgeons can identify the approach before making an incision. Brainlab® neuronavigation tracks tools in real time and displays its position on patient data, guiding surgeons through procedures while helping keep skull openings small and minimizing damage to healthy structures.

Brainlab® Cranial features a flexible screen setup—surgeons can choose from multiple preset and 2D and 3D display options. Brainlab® also supports tool integration, including microscope, endoscope and ultrasound.

TIME-SAVING REGISTRATION

Regardless of patient positioning, Brainlab® neuronavigation offers multiple techniques for referencing patients to the system. Z-touch® and Softouch® are based on surface matching, allowing surgeons to simply touch the patients' skin with either a laser or a pointer for easy registration. Both devices register CT and MR images without headsets or markers—avoiding registration-only scans and helping to reduce neuronavigation costs.

HIGH-PRECISION ALIGNMENT

Surgeons can target pre-planned trajectories in less than a minute with VarioGuide™. As universal instrument holder, VarioGuide™ offers continuous position feedback and precise step-by-step workflow guidance, for a variety of procedures. Surgeons are able to take biopsies, place shunts or guide an endoscope with increased confidence through proven passive-marker technology.

UNIVERSAL INTEGRATION

Brainlab® adapter clamps enable the wireless integration of virtually any rigid instrument. Brainlab® Cranial initially calibrates the instrument tip and diameter, within seconds—without using footswitches or drop down menus. Surgeons can navigate multiple instruments while avoiding recalibration.

