

Cranial Planning Software

Generate effective treatment plans for neuro-navigation with iPlan® Cranial planning software



iPlan® Cranial planning software

Related Products

Operating on the brain always carries the potential risk for neurological damage. When accessing brain lesions it is crucial that surrounding healthy tissue is protected.

Create strategic treatment plans for every procedure performed with neuronavigation with iPlan® Cranial surgical planning software. Taking a multitude of patient datasets into account, iPlan Cranial filters, processes, integrates, and displays data to surgeons allowing them to directly apply pertinent information for confident decision-making.

- Surgical planning software expandable with advanced modules such as iPlan® FiberTracking and iPlan® BOLD MRI Mapping
- Dedicated surgical planning software on a dedicated workstation outside the OR
- All planning content is transferred to the neuronavigation system

Efficient Use of Multiple Data Sets

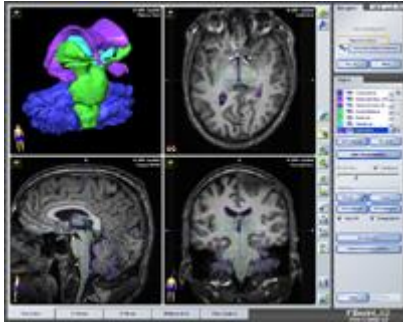


iPlan® Automatic Image Fusion verification

Automatic Image Fusion enables simultaneous use of all available anatomical and functional data during planning. This is particularly important when different modalities are used, such as CT images for display of bone structures and MR images for tissue definition and tumor identification. With this software, each object is generated only once during surgical planning per dataset and is also visible on all fused images.

- Supports all common imaging modalities
- Result verification with overlay views or in reconstructions

Rapid Outlining of Standard Anatomy



iPlan® Automatic Atlas Segmentation

Unique to each patient, critical structures, such as brain lesions and tumors, must always be manually outlined in anatomical data. Automatic Atlas Segmentation saves neurosurgeons' time and effort spent on treatment planning—it quickly adds all relevant anatomic information to data sets, by referencing standard anatomy to automatically outline common anatomical structures.

- Teaching tool for visualization and identification of patient anatomy in diagnostic images
- Allows manual editing of automatically segmented objects
- Volumetric calculations for each object based on atlas information