

NeuroSight™ Arc

Trajectory Planning Software for the OmniSight™ EXcel system

3 Dimensional planning tool
for stereotactic neurosurgery.



NeuroSight™ Arc...

reconstructs and displays multiple image sets for accurate 3D targeting and trajectory planning. The software packages essential features for functional neurosurgery, tumor biopsy, and other procedures requiring precise stereotactic planning.

NeuroSight™ Arc software **simplifies preoperative trajectory planning for the CRW** stereotactic system. The software, available on a laptop or workstation, is a module of the OmniSight™ EXcel platform and shares the same intuitive, straightforward interface. Visualization and analysis of images is fast and accurate, optimizing the selection of surgical approach.

NeuroSight™ Arc Features

- Auto Targeting based on orthogonal calculations from IC line: enter AP, Lat, and Vert offset values to define target
- Available within the OmniSight™ EXcel platform in workstation or laptop configuration
- Software runs on ultra fast Linux operating system
- Time savings gained by selecting target and entry points on non-localized images days before surgery
- Optional midline point selection to correct head ring tilt
- Create up to eight trajectories
- Import unlimited image sets, including true coronal and sagittal
- Image transfer via optical drive (workstation only), network or CD ROM

Fast and easy selection of the target based on orthogonal calculations from the AC-PC line is now possible with the Auto Target feature. With the simple input of three numbers, target coordinates are calculated for any point within the stereotactic space.

Two useful tools **make cumbersome head ring alignment unnecessary**. First, the entire scan set can be immediately reconstructed along the AC-PC line with a click of the mouse. Second, NeuroSight™ Arc gives the surgeon the option to correct lateral tilt of the head ring by selecting and dragging a point along the midline in the coronal plane.