CranialMap™ Neuro
Integrated Navigation Software Solution
CranialMap Neuro Navigation Software is a simplified solution to incorporate navigation into neurosurgical procedures. From pre-op planning to intra-operative guidance and control, CranialMap Neuro has been designed to meet the demands in today’s operating room and deliver the best possible patient outcomes.

**Total Neuro Navigation Solution**

CranialMap Neuro Navigation Software is a simplified solution to incorporate navigation into neurosurgical procedures. From pre-op planning to intra-operative guidance and control, CranialMap Neuro has been designed to meet the demands in today’s operating room and deliver the best possible patient outcomes.

**Patient Registration Mask**
- Offers a “pin-less” navigation solution
- Scan patient without fiducial markers
- Fully automated and simple registration process

**Stryker’s Proprietary Navigation Camera**
- Utilizes active, optical technology
- Delivers industry-leading accuracy for navigated procedures
- Smart instruments with LED-based technology enable wireless control of the software from the sterile field
Flexibility to Accommodate Prone/Lateral Approaches
- Stryker NAV3i’s camera arm range of motion makes it easier to position the navigation camera
- Built-in step-by-step workflow with Mask registration and transfer to patient tracker
- Improved lateral visibility of the Mask for patient tracking

Advanced Imaging Integration
- Import DTI/fMRI functional overlays and other advanced image sets

Customizable Navigation Views
- Configure views based on surgeon’s preference
- Biopsy view with multi-planar 3D and target views on one screen

Notable Software Features
- Image import via DICOM query/retrieve
- Microscope integration (including Zeiss NC4, Zeiss Pentero / Pentero 900, Leica M5xxN and Leica M720N)
- Frameless DBS capabilities with atlas options
- Built-in LiveCam feature for simplified instrument setup
References