

Sharing Scientific Knowledge and Evidence

Clinical Literature Library





Title	Author	Year	Journal	Keywords	Link
Surgical planning, histopathology findings and postoperative outcome in MR-negative extra-temporal epilepsy using intracranial EEG, functional imaging, magnetoencephalography, neuronavigation and intraoperative MRI	Maslarova A	2023	Clinical neurology and neurosurgery	Elements Stereotaxy, Cranial Navigation, Frameless Stereotaxy, Epilepsy, Elements BOLD MRI Mapping, Intraoperative Ultrasound, Patient Outcomes, IPlan Stereotaxy	Go to article
Accuracy and Utility of Frameless Stereotactic Placement of Stereoelectroencephalography Electrodes	Brimley C	2023	World Neurosurg.	VarioGuide, Elements Stereotaxy, Epilepsy, Frameless Stereotaxy, Registration Accuracy	Go to article
VarioGuide® frameless neuronavigation-guided stereoelectroencephalography in adult epilepsy patients: technique, accuracy and clinical experience	Ladisich B	2021	Acta neurochirurgica	VarioGuide, Elements Stereotaxy, Epilepsy, Frameless Stereotaxy, Registration Accuracy, IPlan Stereotaxy	Go to article
Intraoperative computed tomography as reliable navigation registration device in 200 cranial procedures	Carl et al.	2018	Acta neurochirurgica	Airo, Cranial Navigation, Intraoperative Ultrasound, Registration Accuracy, Radiation Dose	Go to article
Navigation-Supported Stereotaxy by Applying Intraoperative Computed Tomography	Carl et al.	2018	World neurosurgery	Airo, Cranial Navigation, Elements Stereotaxy, VarioGuide, Intraoperative Ultrasound	Go to article
Electrode placement for SEEG: Combining stereotactic technique with latest generation planning software for intraoperative visualization and postoperative evaluation of accuracy and accuracy predictors	Kogias et al.	2022	Clinical Neurology and Neurosurgery	Elements Stereotaxy, Elements Segmentation Cranial, Elements Lead Localization, Epilepsy, Patient Specific Targeting	Go to article
Reliable navigation registration in cranial and spine surgery based on intraoperative computed tomography	Carl et al.	2019	Neurosurgical focus	Airo, Cranial Navigation, Elements Stereotaxy, Intraoperative Ultrasound, Registration Accuracy, Radiation Dose	Go to article
Intraoperative Stereotactic Frame Registration Using a Three-Dimensional Imaging System with and without Preoperative Computed Tomography for Image Fusion	Spatz et al.	2020	Stereotactic and functional neurosurgery	Elements Image Fusion, Registration Accuracy, Intraoperative Ultrasound, Radiation Dose	Go to article
Implantation of Depth Electrodes in Children Using VarioGuide® Frameless Navigation System: Technical Note	Budke et al.	2018	Operative Neurosurgery	VarioGuide, Elements Stereotaxy, Epilepsy, Cranial Navigation, Complex Procedures, Registration Accuracy, IPlan Stereotaxy	Go to article



Title	Author	Year	Journal	Keywords	Link
Early outcomes of stereoelectroencephalography followed by MR-guided laser interstitial thermal therapy: a paradigm for minimally invasive epilepsy surgery	Cobourn et al.	2018	Neurosurgical focus	VarioGuide, Cranial Navigation, Epilepsy, Complex Procedures	Go to article