

Keep up-to-date on all aspects of stereotactic intervention, functional neurosurgery, and related technology

Stereotactic and Functional Neurosurgery

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'The journal is the premier destination for papers related to the broadly defined field of stereotactic and functional neurosurgery. Here, practitioners and investigators find articles relating to technique, technology, neuroscience, neuroimaging, clinical outcomes, and new surgical indications. Beyond finding material that relates to their own work, more importantly neurosurgeons (and those in allied fields) can be inspired by new ideas that cross-fertilize their interests and make it possible to discover new synergies.'
Michael Schulder, Hofstra Northwell School of Medicine,
Lake Success, NY

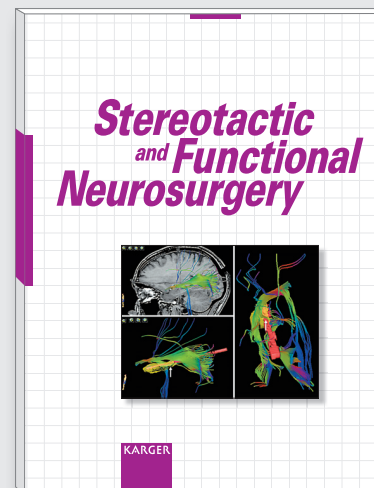
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Stereotactic and Functional Neurosurgery provides a single source for the reader to keep abreast of developments in the most rapidly advancing subspecialty within neurosurgery. Technological advances in computer-assisted surgery, robotics, imaging and neurophysiology are being applied to clinical problems with ever-increasing rapidity in stereotaxis more than any other field, providing opportunities for new approaches to surgical and radiotherapeutic management of diseases of the brain, spinal cord, and spine. Issues feature advances in the use of deep-brain stimulation, imaging-guided techniques in stereotactic biopsy and craniotomy, stereotactic radiosurgery, and stereotactically implanted and stereotactically guided radiotherapeutics and biologicals in the treatment of functional and movement disorders, brain tumors, and other diseases of the brain. Background information from basic science laboratories related to such clinical advances provides the reader with an overall perspective of this field. Proceedings and abstracts from many of the key international meetings furnish an overview of this specialty available nowhere else. *Stereotactic and Functional Neurosurgery* meets the information needs of both investigators and clinicians in this rapidly advancing field.

Stereotactic and Functional Neurosurgery

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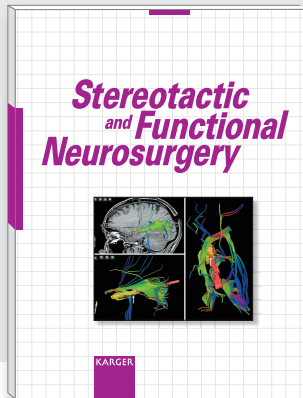
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- Natural History of Untreated Hemifacial Spasm: A Study of 104 Consecutive Patients over 5 Years: **Lee, J.-A.; Kim, K.-H.; Park, K.** (Seoul)
- A Retrospective Analysis of Stereoelectroencephalography and Subdural Electroencephalography for Preoperative Evaluation of Intractable Epilepsy: **Yang, M.; Ma, Y.; Li, W.; Shi, X.; Hou, Z.; An, N.; Zhang, C.; Liu, L.; Yang, H.; Zhang, D.; Liu, S.** (Chongqing)
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- Magnetic Resonance Imaging-Guided Transplantation of Neural Stem Cells into the Porcine Spinal Cord: **Lamanna, J.J.; Urquia, L.N.; Hurtig, C.V.; Oshierrez, J.; Anderson, C.** (Atlanta, GA); **Piferi, P.** (Irvine, CA); **Federici, T.; Gushinski, J.N.; Boulis, N.M.** (Atlanta, GA)
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- Outcomes in Patients with Vestibular Schwannoma after Subtotal Resection and Adjuvant Radiosurgery: **Radwan, H.; Eisenberg, M.B.; Sandberg Knisely, J.P.; Ghaly, M.M.; Schulder, M.** (Hempstead, NY)
- Diffusion Tensor Imaging-Based Thalamic Segmentation in Deep Brain Stimulation for Chronic Pain Conditions: **Kim, W.; Chivukula, S.; Hauptman, J.; Pouratian, N.** (Los Angeles, CA)

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