4. Intraoperative MRI Guidance for Stereotactic Laser Ablation of Metastatic Brain Tumors  
*Michael Schulder*

7. Definition of a Stereotactic 3D Model of the Human Insula for Neurosurgical Approach (Epilepsy and Stereotaxic Surgery)  
*AFIF AFIF*

14. Deep Brain Stimulation For Camptocormia  
*Mark Lyons*

15. Orthostatic Tremor Responds to Bilateral Thalamic Stimulation  
*Mark Lyons*

21. Cicerone v2.0: Deep Brain Stimulation Neurosurgical Research Software System  
*Cameron McIntyre*

*Daniel Kramer*

27. Lesion Topography and Surgical Outcome Study in Anterior Capsulotomy- Location! Location! Location!  
*Hemmings Wu*

32. Deep Brain Stimulation for Meige Syndrome  
*Mark Lyons*

35. Peripherally Induced Tremor Treated Centrally by Deep Brain Stimulation  
*HENRY SIMMS*

36. Trigeminal Neuralgia with Associated Autonomic Symptoms Versus SUNCT  
*HENRY SIMMS*
37. Staged Treatment Of Generalized Dystonia
   Henryk Koziara

41. Effect of Subthalamic Deep Brain Stimulation on Parkinson's Disease with Severe Medication-induced Hallucinations or Delusions
   Atsushi Umemura

   Guillermo Monsalve

47. Multi-Modal Use of Stereotaxis in the Evaluation and Treatment of Heterotopia-Based Epilepsy
   Atom Sarkar

52. Bilateral Pallidal Stimulation in a Patient with Isolated Lower Limbs Dystonia.
   Michał Sobstyl

55. Stimulation Of Pyramidal System For The Treatment Of fixed Dystonia Syndrome": Report Of 6 Cases
   Giuseppe Messina

   RICHARD NORTH
63. Application of BioImage Suite for Planning and Neuronavigation in Epilepsy Surgery
   Alexander Papanastassiou

64. Treatment of Severe Autonomic Headache in patients with Pituitary Adenomas
   Tiago Freitas

65. Pulsed Radiofrequency versus Sympathetic Block in the management of lower limb
   Complex Regional Pain Syndrome
   Tiago Freitas

66. Sacral Nerve Stimulation In Patients With Continence Problems And Pelvic Pain
   Syndromes - Neurosurgical Experience
   Frank Hertel

67. Automatical Classificator For The Determination Of Microsignals In The Stn Region
   Frank Hertel

68. Stereotactic Dbs Of The Posterior Hypothalamus In Patients With Refractory Cluster
   Headache - Longtime Experience In 2 Patients
   Frank Hertel

69. Automatization In Planning Procedures For Dbs Surgery
   Frank Hertel

70. Determination Of The Exact Electrode Position Postoperatively In Patients With Deep
    Brain Stimulation Implants Based On Computertomography-artifacts
    Frank Hertel

72. Error Minimization After One Year Of Checklist Use For Dbs Procedures
   Daniel Kramer
73. Signal To Noise Variations In Axons Stimulated By DBS
   Jeffery Arle

77. Begning of Functional Neurosurgery In Middle East ,Military Hospital Riyadh Saudi Arabia.
   Ahmad Ashraf

83. National Survey of Outpatient Trials for Spinal Cord Stimulation (SCS)
   Shivanand Lad

84. Depression as a Predictor of Poor Outcomes from Deep Brain Stimulation
   Elana Farace

86. MCS Electrode Repositioned Based On Intra-operative Neurophysiologic Guidance
   Amal Mokeem

89. Simultaneous Deep Brain Stimulation of Ventralis Oralis Anterior and Ventralis Intermedius for Complex Unilateral Tremors
   David Daniels

92. Diffusion Tensor Imaging (DTI)-assisted Stimulation of Internal Capsule in Poststroke Pain and Spasticity
   Pedro Roldan

93. The Quantification of Disease Progression Using the RMS Ratio of STN/SN Neuronal Activities in Advanced Parkinson’s Patients
   Chris KAO
97. Stereotactic Placement of Ventricular Catheters: Results in 70 Consecutive Patients
   Bharat Guthikonda

98. Deep Brain Stimulation For Drug Resistant Epilepsy: Selection Of Two Targets
   Carlo Marras

99. Intraoperative CT Guidance for Percutaneous Glycerol Rhizotomy: Technical Note
   Michael Schulder

102. SISCOM and Extratemporal Epileptogenic Focus Resection Outcomes of Patients with
      Intractable Epilepsy
      Richard Byrne

105. Pshycosurgery and Depression with or without Obsesssive Compulsive Disease
      José Nasser

106. Accuracy Of Frame-based Stereotactic Intra-operative 1.5T-MRI Versus Frame-based
      Stereotactic Intra-operative CT Fused To Pre-operative 3T-MRI
      Patrick Pezeshkian

109. Lysis Of Adhesions And Epidural Injections With Epiduroscopy, Prospective Study
      José Nasser

111. Unexplained Loss Of Efficacy Of Deep Brain Stimulation Associated With Minor Trauma
      Igor Fineman

115. Capsulotomy for Refractory Cyclic Vomiting Syndrome
      Dianyou Li
116. Fiducial-Based versus Surface Matching Registration for Intracranial Targeting: A Phantom Study
David Chen

118. A Novel System for Interventional MRI-Guided Stereotaxis: Preliminary Phantom Studies
Paul Larson

119. Rapid and Lasting Symptomatic Improvement in a Child with Lesch Nyhan Syndrome Treated with Pallidal DBS
Konstantin Slavin

122. Electrophysiological Testing as a Diagnostic Tool in Assessment of Deep Brain Stimulus Malfunction
Jacob Kleinman

128. Impact Of Post-dbs Pneumocephalus To Coordinates Deviation Of The Electrodes
Hsiang-Ming Huang

129. Subthalamic Nucleotomy through Previously Effective DBS Leads: Safety and Efficacy in Two Parkinson’s Disease Patients
Robert Gross

130. Chronic Ambulatory EEG Findings via Implanted RNS® Device Prior to Unilateral Resection for Bitemporal Seizures
Paul Gigante

131. Obsessive Compulsive Disorder and alcohol cessation after Chronic Deep Brain Stimulation of the Nucleus Accumbens
José Nasser
134. Preliminary Results of Cognitive effects in Parkinson’s disease Patients with DBS on and off.
José Nasser

shafqat Bukhari

137. The Spatial Extent of the Correlation Between the BOLD Response and Electrical Stimulation Mapping in Motor Cortex.
Laszlo Entz

138. Are Hallucinations and Delusions in Schizophrenia Surgically Treatable?
Osvaldo Vilela Filho

140. Management of Midline Deeply Seated Recurrent Brain Cysts by Stereotactic Insertion of Ommaya Reservoir
Akram Awadalla

145. No Differences in Outcomes for Frameless Techniques Compared to Stereotactic Frame Use in Deep Brain Stimulation Implantation
Elana Farace

147. Brain Atrophy Correlates of Chronic Pain: Implications for Deep Brain Stimulation
Patrick Schweder

148. Stabilization of Disease Progression in a Patient with DYT-1 Positive Primary Generalized Dystonia: A 10 year Follow-up
Dunbar Alcindor
149. Prediction Of Ipg Longevity In Dbs: Correlation Of Software Prediction And Actual Longevity.  
Sam Eljamel

152. Tailored Temporal Lobectomy for Medically Intractable Epilepsy: Effect of the Extent of Hippocampal Resection  
Richard Byrne

Patrick Schweder

154. 3d Image Guided Stereotactic Percutaneous Thermal Rhizotomy: Technique And Results  
Mariel Szapiel

155. Thoracic Radiculopathy Following Spinal Cord Stimulator Surgical Lead Placement: Case Series  
Christopher Bonsignore

157. Outcome of Spinal Cord Stimulation for Parkinson’s Disease  
Kumar Vasudevan

161. Cook Children’s Hospital Deep Brain Stimulator Implantation Protocol for Children Under 10 years old  
John Honeycutt

162. Deep Brain Stimulation of the Periventricular/Periaqueductal Grey for Chronic Pain: An Imaging Analysis of Functional Connectivity and Patient Outcome  
Patrick Schweder
163. Comparison of Intracerebral Depth EEG and MSI Localizations of the Epileptogenic Zone in Evaluation for Epilepsy Surgery
Kristen Upchurch

166. Functional Connectivity of the Corpus Callosum in Parkinsonian Gait Freezing: A Neuroimaging Study
Patrick Schweder

167. The Role of the Basal Ganglia in the Surgical Management of Agressiveness
Osvaldo Vilela Filho

169. Modulation of Cortical Activity in Spinal Cord Stimulation for Parkinson’s Disease
Francesco Pucci

170. MRI-guided Stereotactic Anterior Callosotomy: Refining an Old and Underused Technique
Osvaldo Vilela Filho

172. Retrospective Analysis of Cost Effectiveness in Frameless Stereotaxy for Treatment of Movement Disorders
Moksha Ranasinghe

173. Pedunculopontine Nucleus Connectivity in Gait Freezing Parkinson’s Disease
Patrick Schweder

174. Frequency and Location Dependent Modulation of Nucleus Accumbens Activity during Deep Brain Stimulation for Obsessive Compulsive Disorder
Vivek Buch

186. ANTIDROMIC STIMULATION OF THE TRIGEMINAL NERVE: METHOD FOR INTRAOPERATIVE MONITORING DURING RADIOFREQUENCY ABLATION
Carlos Ciraolo
201. MAGNETIC RESONANCE TRACTOGRAPHY – CURRENT STATUS AND FUTURE APPLICATIONS IN NEUROSURGERY  
Mary-Ruth deSouza

Carlos Ciraolo

203. GAMMA KNIFE RADIOSURGERY IN PATIENTS WITH RECURRENT TEMPORAL LOBE EPILEPSY AFTER RESECTIVE SURGERY  
Seok Ho Hong