99. Safety of Anterior Commissure-Posterior Commissure-Based Target Calculation of the Subthalamic Nucleus in Functional Stereotactic Procedures
   Feridun Acar

100. Pain Relief after Cervical Ganglionectomy (C 2 and C 3 ) for the Treatment of Medically Intractable Occipital Neuralgia
   Feridun Acar

174. Deep Brain Stimulation for Myocolonic Dystonia
   Ahmed Alkhani

175. Effect of Contralateral Pallidotomies on Hemidystonias of Different Etiologies
   Ahmed Alkhani

36. Mechanism of Motor Cortex Stimulation for Chronic Pain: Hypothesis based on Computational Modeling Approach
   Jeffrey Arle

153. The Volume of Intracranial Air Correlates with Deviation from the Planned Target on the Second Side in Bilateral STN DBS for PD, and with the Degree of Preoperative Cerebral Atrophy.
   Hooman Azmi

168. Posterior Hypothalamic Stimulation for Medically Refractory Chronic Paroxysmal Hemicrania: a Technical Case Report
   Norman Bamber

158. Suppression of Rat Hindlimb Motor Function through Inducible Epression of Kir2.1 in Spinal Cord
   Nicholas Boulis
166. Results of Medical Treatment on Epilepsy Secondary to Supratentorial Cavernomas: Long term follow-up
   Shafqat Bukhari

97. Neurosurgical Treatment Of Tremor In Anti-myelin-associated Glycoprotein (anti-MAG) Neuropathy
   Fernando Castro-Prado

125. Reliability of Direct MRI Targeting of the Subthalamic Nucleus
   Patrick Connolly

133. Use of an Interactive 3D Navigation Environment in Epilepsy Surgery
   Patrick Connolly

115. Sudomotor and Motor response of patients with Parkinson’s disease after STN Deep Brain Stimulation
   Constantine Constantoyannis

127. A Spect Study On A Patient With Tardive Dyskinesia Treated By Gpi DBS.
   Constantine Constantoyannis

   Constantine Constantoyannis

109. Surgical Approach to Troubleshooting in Case of Displacement of Laminectomy-type Electrode for Spinal Cord Stimulation
   Paula Eboli

39. Microvascular Decompression for Trigeminal Neuralgia in Multiple Sclerosis
   Sam Eljamel
43. Deep Brain Stimulation For Refractory Non-resectable Epilepsy. Results Of Two Unconventional Targets.
   Angelo Franzini

52. Virtual Reality In The Assessment Of Cortex Electrodes Placement. Experience On 9 Cases
   Angelo Franzini

198. Mediators Of Inhibitory Effects Of The CNS On Nigrostriatal Dopaminergic Axons: Relevance To Development And Regeneration
   Robert Gross

96. DBS Lead Placement in the Setting of Ventriculomegaly, Signal Artifact and Anatomic Distortions
   Neal Haynes

81. Two Types of Neuronal Oscillations in the Subthalamic Nucleus of Parkinson's Disease Patients
   Zvi Israel

98. Propofol Induced Changes in the Neuronal Activity of Sub-Thalamic Nucleus Neurons
   Zvi Israel

142. The Spatial Distribution of Tremor Frequency and Higher Frequency Oscillations in the Human Parkinsonian Subthalamic Nucleus
   Zvi Israel

87. High-frequency Corticothalamic Stimulation Augments Recovery of Ischemia-induced Inactivation of Thalamocortical Oscillation in Rat Brain Slices
   Changqing Kao

30. Longevity of Soletra versus Kinetra Batteries Used for Deep Brain Stimulation
   Michaux Kilpatrick
140. Long Term Results Of Microsurgical Dorsal Root Entry Zonotomy For Upper Extremity Spasticity
Seong-Ho Kim

73. Electromagnetic Interference Of A DBS IPG Secondary To Lightning: Case Report
Jerry Krcck

112. Automated 3D Brain Atlas Fitting to Magnetic Resonance Images and Microelectrode Recordings From Deep Brain Stimulation Surgeries
J Lujan

161. Spasmodic Dysphonia May Respond to Bilateral Thalamic Deep Brain Stimulation
Mark Lyons

141. The Targeting of Deep Cerebral Structures by mean of "no hands" Robotic Procedure implantation of the leads For Deep Brain Stimulation (DBS)
Paolo Mazzone

27. Trigeminal Neuralgia With Intracisternal Tumors: The Role Of Preoperative Imaging And Microvascular Decompression
Jonathan Miller

104. Stereotactic Biopsy Of Brain In a 6 - Month - Old Child With Rhabdoid Tumour In Diencephalon
Marcia Cristina Miranda de Sá

22. Head Positioning During DBS Surgery
Jules Nazzaro
190. Computerized Brain Atlas Predicts Regions of Deep Brain Stimulation (DBS) Efficacy Within the Subthalamic Nucleus (STN)
   Joseph Neimat

162. Human Cicerone: Deep Brain Stimulation Neurosurgical Research Software System
   Angela Noecker

178. Both Thalamic And Pallidal DBS For Myoclonic Dystonia
   Jean Oropilla

177. Evaluation of Metal Detection System on the Cygnus PFS Electromagnetic Digitizer Based Frameless Stereotactic System
   Donato Pacione

24. What Is The Best Surgical Target For Cervical Dystonia
   Peter Pahapill

13. STN hole in Parkinson Patients
   Mansour Parvaresh Rizi

64. Real MRI image or Atlas? What is the difference in STN targeting?
   Mansour Parvaresh Rizi

   Moksha Ranasinghe

196. Prospective Comparative Study On Cost-effectiveness Of Subthalamic And Venterointermiate Thalamic Stimulation With Frame-based And Frameless Stereotaxy For Treatment In Advanced Parkinson's Disease And Essential Tremor.
   Moksha Ranasinghe
106. 18-month Postoperative Seizure Frequency Predicts Long Term Outcome after Temporal Lobectomy While Presurgical Localizing Factors Do Not
   Erich Richter

164. Therapeutic DBS Electrode Impedances: Analysis With Long-term Follow-up
   Karl Sillay

143. Surgical Approach to Decompression of Entrapped Glossopharyngeal Nerve in Treatment of Eagle Syndrome
   Konstantin Slavin

172. Thalamic Deep Brain Stimulation in Treatment of Patient with Disabling Tourette Syndrome
   Konstantin Slavin

173. Hybrid Technique of Neuromodulation in Treatment of Chronic Pain in Back and Legs: a Combination of Spinal Cord Stimulation and Subcutaneous Peripheral Nerve Stimulation
   Konstantin Slavin

89. Bilateral Subthalamic Nucleus Stimulation in the Treatment of Advanced Parkinson’s Disease - 5 Year Experience.
   Michał Sobstyl

25. Sulcal Vessels in the Dorsolateral Sulcus of the Spinal Cord are an Important Landmark during Microsurgical DREZotomy
   Takaomi Taira

29. Composite Targeting Method using High-Field Magnetic Resonance Imaging for Subthalamic Nucleus Deep Brain Stimulation
   Hiroki Toda
94. Neurostimulation in a Case of Post-Traumatic Neuropathic Pain and Comparisons with Failed Back Surgery Syndrome
   Hemmings Wu

83. Automated Computer Algorithm Selects Anterior and Posterior Commissure Points Better than Experienced Neurosurgeons
   Hong Yu

182. Predicting Brain Shift in Deep Brain Stimulation Surgery
   Hong Yu

93. Chronic Bilateral Pallidal Stimulation in a Patient with DYT-1 Positive Primary Generalized Dystonia. A 6 Year Follow-up Study.
   Mirosław Ząbek

114. Precision and Accuracy of Stereotactic Targeting in Patients undergoing Revision Stereotactic Surgery.
   Andrew Zacest

157. The Glass Half Empty or Half Full - How Effective are Long Term Intrathecal Opioids in Post Herpetic Neuralgia ?
   Andrew Zacest