

Neurosurgery Resident Studies Academic Year 2019-2020		
Primary Investigator	Study Title	Protocol Number
Alford	Undesired Bony Overgrowth After Use of rhBMP-2 in Spinal Surgery: A Case Series	IRB-300002446
Alford	Natural history of minimally symptomatic or asymptomatic Chiari I malformation.	IRB-170424002
Alford	Telemedicine in Spina Bifida transition: A pilot Study	IRB-300001190
Alford	Effect of breast size on outcome after spinal surgery	IRB-300001639
Alford	Cost of Transfers to a Tertiary Care Hospital for Neurosurgical Care	IRB-160914002
Alford	Does interdisciplinary clinic attendance improve outcomes of spina bifida patients at transition to adulthood?	IRB-300002121
Alford	Suboccipital craniotomy versus craniectomy: a cohort analysis	IRB-151201009
Alford	Colloid Cyst Severity Score: A Validation Study	IRB-170525010
Alford	Factors predicting follow up in spinal cord injury patients	IRB-151102006
Alford	The impact of resident handoff on length of stay after elective neurosurgical procedures: a case-control study	IRB-141021004
Amburgy	Treatment and Natural History of Occipital Condyle Fractures	IRB-160412007
Amburgy	Impact of Factors Surrounding Decompressive Hemispherectomy in Malignant Infarctions of the Cerebral Vasculature	IRB-3000000615
Amburgy	MR Imaging and Video Kinematic Study in Acute Concussion: A Prospective Study	IRB-170519008
Atchley	Pseudomeningocele following middle and posterior fossa surgery: A single-institution experience	IRB-300004442
Chagoya	Programmable versus Nonprogrammable Shunt Valves in Adult Hydrocephalus: A Cohort Study	IRB-120329010
Davis	Virtual Interactive Presence in Global Neurosurgical Education: International Collaboration Through Augmented Reality in Endoscopic Neurosurgery	IRB-141121001
Davis	State of global pediatric neurosurgery outreach: Survey of the international education subcommittee	IRB-151216003
Erickson	Reliability and Validity of the Koos Classification of Acoustic Neuroma	IRB-300000794

Erickson	Preoperative MRI versus Intraoperative Findings and Their Role in Microvascular Decompression (MVD) Decision Making and Outcomes	IRB-300000871
Erwood	Subdural Hematomas in the Elderly (SHE study): Management and Clinical Course	IRB-150708004
Erwood	The Effect of Cervical Spondylosis Treatment on Hypertension	IRB-151204003
Erwood	Neurosurgical Spine Outcomes Registry	IRB-150819005
Erwood	Genetic Basis of Diffuse Idiopathic Sclerosis Hyperostosis (DISH)	IRB-150708005
Erwood	Functional Outcomes following lumbar spine surgery in depressed patients	IRB-160706008
Erwood	Incidence of depressive disorder in spine patients: cross-sectional study	IRB-150526002
Estevez	Antidepressant Use and Survival in Glioma Multiforme Patients	IRB-130327005
Ilyas	Overlapping Neurosurgical Procedures: Evaluation of Safety and Efficacy	IRB-300001491
Ilyas	Subdural Hematoma management: evaluation of safety and efficacy	IRB-300000389
Ilyas	Optimization of Glioblastoma Resection	IRB-300000668
Ilyas	Effect of Cranioplasty Timing on Patient Outcome	IRB-300001492
Laskay	Barium-impregnated vs barium-striped distal catheters: comparison of fracture rates	IRB-300001234
Laskay	The Surgical Management of Brachioradial Pruritis	IRB-170331002
Laskay	Neurodevelopmental Outcomes in preterm neonates with post-hemorrhagic hydrocephalus	IRB-160907006
Laskay	Concomitant infections in ventriculoperitoneal, pleural and atrial shunts.	IRB-160809001
Laskay	Factors Affecting 30 Day Readmission Rates in Pediatric Neurosurgical Patients	IRB-160329009
Lepard	The Sleep Physiology in Intracerebral Hemorrhage	IRB-300000820
Lepard	Stereotactic Electroencephalography Series (SEEG Series)	IRB-170327005
Lepard	Microdissection in Pediatric Population	IRB-300001157
Lepard	Comparison of endoscopic and open craniostomy repair (Peds)	IRB-170609011
Lepard	The use of neurostimulants in the neuro-critical care setting: a retrospective cohort study	IRB-151216002
Rotman	Predictors of patient satisfaction on Accountable Care Organizations Participation in Medicare Initiative Consumer Assessment of Healthcare	IRB-300001893

	Providers and Systems (ACO CAHPS) surveys following Neurosurgery outpatient clinic visits	
Rotman	Surgical and nonsurgical management of cervical facet fractures	IRB-121218018
Rotman	LVAD	IRB-151202002
Rotman	Use of Procalcitonin Assays in Neurosurgical Patients: A Retrospective Case-Control Study	IRB-150220001
Rotman	Predictors of Nasoseptal Flap (NSF) Use after Endoscopic Transphenoidal Pituitary Mass Resection	IRB-150610001
Rotman	Surgical treatment of lumbar spinal stenosis with and without instability: A Case control Study	IRB-120730011
Rotman	Evaluation of Steel's Rule in Adults Using MR and/or CT Imaging	IRB-150318012
Salehani	Hemicraniectomy After Thrombectomy	IRB-170424003
Salehani	Impact of Anesthetic Variation in Endovascular Treatment of Acute Ischemic Stroke	IRB-300000438
Schmalz	Endovascular Rescue for Ischemic Complications Following Carotid Endarterectomy	IRB-170607003
Schmalz	Neurocognitive outcomes following treatment of unruptured intracranial aneurysms: craniotomy with clipping versus endovascular treatment	IRB-170524001
Schmalz	Smoking cessation in patients with intracranial aneurysms	IRB-140603006
Schmalz	Pipeline Embolization Device for the Treatment of Intracranial Aneurysm: An Evaluation of Safety and Efficacy	IRB-160706011
Schmalz	Renin-angiotensin system polymorphisms in pathophysiology of ruptured cerebral artery aneurysms and development of cerebral vasospasm after SAH	IRB-120820007
Shank	A Comparative Cost Analysis of Minimally Invasive and Open Lumbar Decompression	IRB-150617004