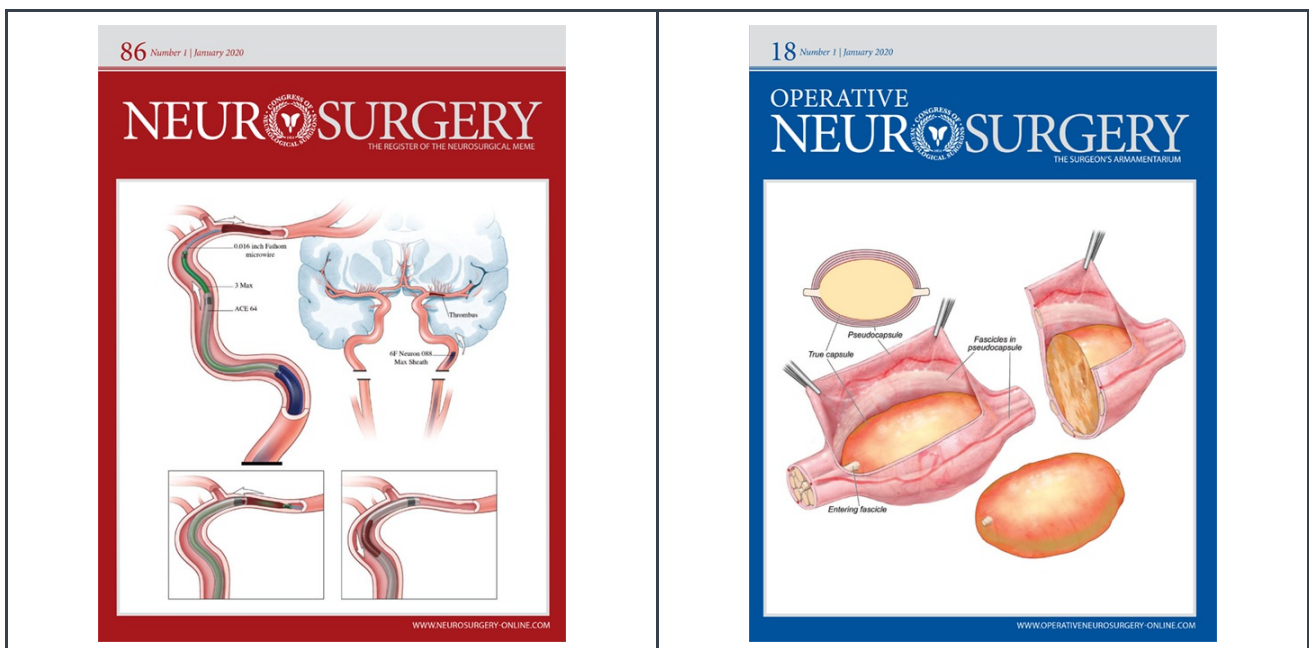
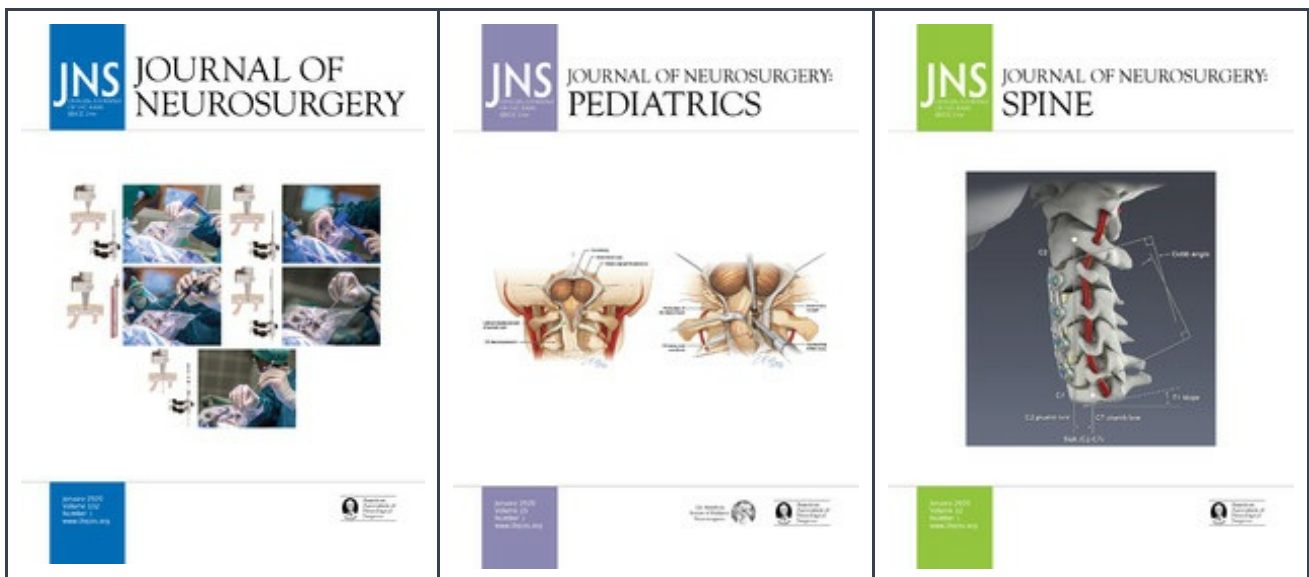




Trending Articles: January 2020

Last Updated: March 25, 2021

What follows is a collaborative effort between the Neurosurgical Atlas and leading publishers of neurosurgical literature to provide you with a concise list of newly released articles that are most frequently accessed. Participating journals are listed in alphabetical order with a quick navigation link available in the table below.



JOURNAL OF NEUROSURGERY

1. [Impact of master's degree attainment upon academic career placement in neurosurgery](#)
2. [Sagittal bending of the optic nerve at the entrance from the intracranial to the optic canal and ipsilateral visual acuity in patients with sellar and suprasellar lesions](#)
3. [Association of for-profit hospital ownership status with intracranial hemorrhage outcomes and cost of care](#)
4. [Telerobotic stroke intervention: a novel solution to the care dissemination dilemma](#)
5. [Giant intracranial aneurysms: natural history and 1-year case fatality after endovascular or surgical treatment](#)
6. [Letter to the Editor. Clip, clip, pass: real-world data and middle cerebral artery aneurysms](#)
7. [Deep brain stimulation versus pallidotomy for status dystonicus: a single-center case series](#)
8. [Predictor of 90-day functional outcome after mechanical thrombectomy for large vessel occlusion stroke: NIHSS score of 10 or less at 24 hours](#)
9. [For the further training of individuals in neurosurgery II: the academic legacy of the William P. Van Wagenen Fellowship](#)
10. [Corpus callosotomy performed with laser interstitial thermal therapy](#)

JOURNAL OF NEUROSURGERY: PEDIATRICS

1. [Should ondansetron use be a reason to admit children with isolated, nondisplaced, linear skull fractures?](#)
2. [Survival and failure trends of cerebrospinal fluid shunts with distal slit valves: comparative study and literature review](#)
3. [Graft dural closure is associated with a reduction in CSF leak and hydrocephalus in pediatric patients undergoing posterior fossa brain](#)

[tumor resection](#)

4. [Nasal dermoid cysts with intracranial extension: avoiding coronal incision through midline exposure and nasal bone osteotomy](#)
5. [Long-term 3D CT follow-up after endoscopic sagittal craniostomy repair](#)
6. [Anterior peri-insular quadrantotomy: a cadaveric white matter dissection study](#)
7. [Seizure outcomes in children with Rasmussen's encephalitis undergoing resective or hemispheric epilepsy surgery: an individual participant data meta-analysis](#)
8. [Halo-gravity traction for the treatment of pediatric cervical spine disorders](#)
9. [Neuropsychological functioning following surgery for pediatric low-grade glioma: a prospective longitudinal study](#)
10. [Pediatric herniated lumbar disc: a population-based risk factor analysis](#)

JOURNAL OF NEUROSURGERY: SPINE

1. [Awake C1-2 laminectomy, instrumentation, and fusion: case report](#)
2. [Perioperative complications of spine surgery in patients 80 years of age or older: a multicenter prospective cohort study](#)
3. [Anterior cervical discectomy and fusion performed using structural allograft or polyetheretherketone: pseudarthrosis and revision surgery rates with minimum 2-year follow-up](#)
4. [Kambin's triangle: definition and new classification schema](#)
5. [Tractography-based surgical strategy for cavernoma of the conus medullaris: case illustration](#)
6. [Using machine learning to predict 30-day readmissions after posterior lumbar fusion: an NSQIP study involving 23,264 patients](#)
7. [Predictors of nonroutine discharge among patients undergoing](#)

[surgery for grade I spondylolisthesis: insights from the Quality Outcomes Database](#)

8. [Feasibility of adjunct facial motor evoked potential monitoring to reduce the number of false-positive results during cervical spine surgery](#)
9. [The “kickstand rod” technique for correction of coronal imbalance in patients with adult spinal deformity: initial case series](#)
10. [Stent screw-assisted internal fixation \(SAIF\): clinical report of a novel approach to stabilizing and internally fixating vertebrae destroyed by malignancy](#)

NEUROSURGERY

1. [Guidelines for the Management of Severe Traumatic Brain Injury, Fourth Edition](#)
2. [Pharmacological Therapy for Acute Spinal Cord Injury](#)
3. [High-Frequency Spinal Cord Stimulation at 10 kHz for the Treatment of Combined Neck and Arm Pain: Results From a Prospective Multicenter Study](#)
4. [Perilesional Resection of Glioblastoma Is Independently Associated With Improved Outcomes](#)
5. [Guidelines for the Management of Pediatric Severe Traumatic Brain Injury, Third Edition: Update of the Brain Trauma Foundation Guidelines, Executive Summary](#)
6. [Cerebrovascular Imaging: Which Test is Best?](#)
7. [Imaging of Intracranial Pressure Disorders](#)
8. [Concussion Guidelines Step 2: Evidence for Subtype Classification](#)
9. [Head and Neck: Skull Base Imaging](#)
10. [Lessons Learned Over More than 500 Stroke Thrombectomies Using ADAPT With Increasing Aspiration Catheter Size](#)

OPERATIVE NEUROSURGERY

1. [Essential Neurosurgery for Medical Students: The Neurological Examination](#)
2. [Essential Neurosurgery for Medical Students: Spine](#)
3. [Essential Neurosurgery for Medical Students: Trauma](#)
4. [Implantation of a Thoracic Spinal Cord Stimulator Paddle Electrode and Generator Under General Anesthesia With Intraoperative Neuromonitoring: 2-Dimensional Operative Video](#)
5. [Essential Neurosurgery for Medical Students: Vascular](#)
6. [First-in-Human Experience With Integration of a Hydrocephalus Shunt Device Within a Customized Cranial Implant](#)
7. [Clinical Accuracy of Holographic Navigation Using Point-Based Registration on Augmented-Reality Glasses](#)
8. [Essential Neurosurgery for Medical Students: Neurosurgical Physiology and Neurocritical Management of the Acute Neurosurgical Patient](#)
9. [Essential Neurosurgery for Medical Students: Tumor](#)
10. [Essential Neurosurgery for Medical Students: Introduction: What is Neurosurgery?](#)