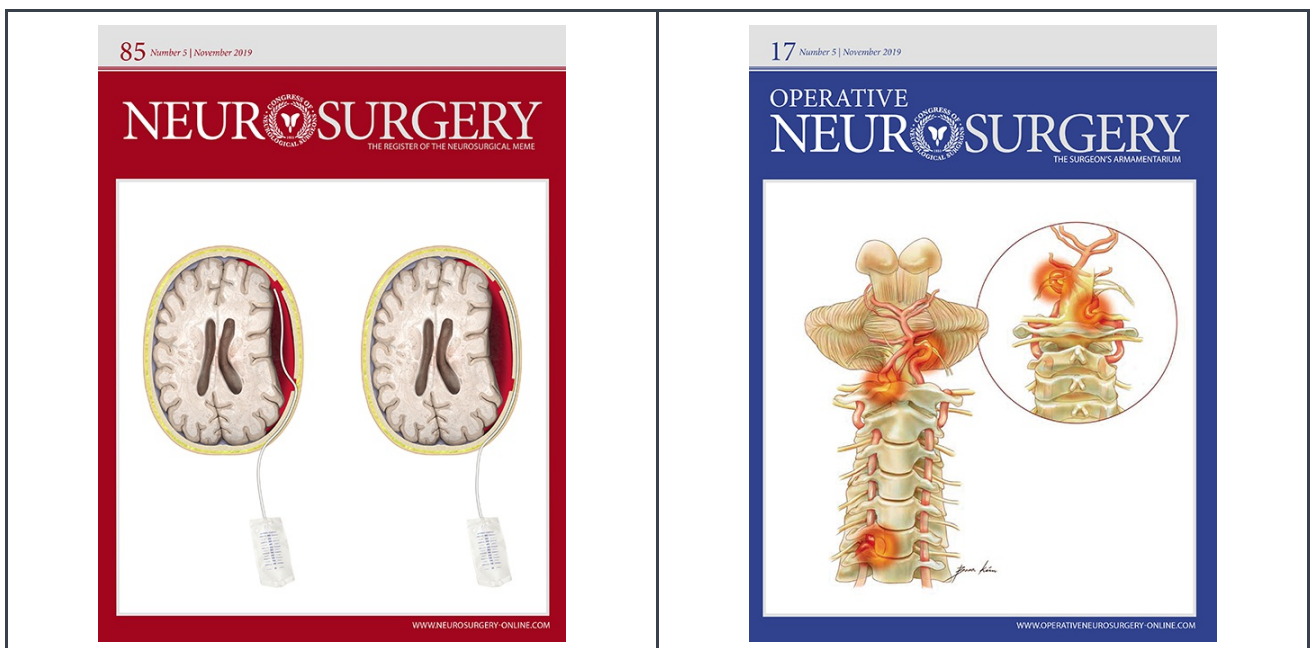




## Trending Articles: November 2019

*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. [Aspirin associated with decreased rate of intracranial aneurysm growth](#)
2. [Comparison of 5-aminolevulinic acid and sodium fluorescein for intraoperative tumor visualization in patients with high-grade gliomas: a single-center retrospective study](#)
3. [Intracranial pressure before and after cranioplasty: insights into intracranial physiology](#)
4. [Correlations between genomic subgroup and clinical features in a cohort of more than 3000 meningiomas](#)
5. [Long-term outcomes of transsphenoidal surgery for management of growth hormone-secreting adenomas: single-center results](#)
6. [Retrospective review of 290 small carotid cave aneurysms over 17 years](#)
7. [Neurosurgical resident research education: a survey of United States residency program directors](#)
8. [Patient safety movement in neurological surgery: the current state and future directions](#)
9. [Association of cause of injury and traumatic axonal injury: a clinical MRI study of moderate and severe traumatic brain injury](#)
10. [Predominance of M1 subtype among tumor-associated macrophages in phenotypically aggressive sporadic vestibular schwannoma](#)

## JOURNAL OF NEUROSURGERY: PEDIATRICS

1. [Posterior transdural approach for odontoidectomy in a child: case report](#)
2. [Outcomes in children undergoing posterior fossa decompression and duraplasty with and without tonsillar reduction for Chiari malformation type I and syringomyelia: a pilot prospective multicenter cohort study](#)

3. [Intrathecal baclofen versus selective dorsal rhizotomy for children with cerebral palsy who are nonambulant: a systematic review](#)
4. [Antiangiogenic agent as a novel treatment for pediatric intracranial arteriovenous malformations: case report](#)
5. [Glioependymal cyst on the third cranial nerve: case report](#)
6. [Pediatric ganglioglioma of the brainstem and cervicomedullary junction: a retrospective cohort study](#)
7. [Assessment of craniocervical motion in Down syndrome: a pilot study of two measurement techniques](#)
8. [Association of cognitive function with cerebral blood flow in children with moyamoya disease](#)
9. [Extraordinary case presentations in pediatric pituitary adenoma: report of 6 cases](#)
10. [Interrater reliability of a method to assess hypothalamic involvement in pediatric adamantinomatous craniopharyngioma](#)

## **JOURNAL OF NEUROSURGERY: SPINE**

1. [The effect of electrical stimulation therapies on spinal fusion: a cross-disciplinary systematic review and meta-analysis of the preclinical and clinical data](#)
2. [Association of time to surgery with leg pain after lumbar discectomy: is delayed surgery detrimental?](#)
3. [Long-term results for total lumbar facet joint replacement in the management of lumbar degenerative spondylolisthesis](#)
4. [Comparison of rod fracture rates in long spinal deformity constructs after transforaminal versus anterior lumbar interbody fusions: a single-institution analysis](#)
5. [Applicability of cervical sagittal vertical axis, cervical lordosis, and T1 slope on pain and disability outcomes after anterior cervical discectomy and fusion in patients without deformity](#)

6. [Letter to the Editor. Intraoperative neurophysiological monitoring and ACDF](#)
7. [Spinal cord stimulation failure: evaluation of factors underlying hardware explantation](#)
8. [Spinal dural resection for oncological purposes: a systematic analysis of risks and outcomes in patients with malignant spinal tumors](#)
9. [Incidence of intraoperative hypotension in acute traumatic spinal cord injury and associated factors](#)
10. [Disseminated intravascular coagulation in spine surgery: illustrative case review and the paradigms of management](#)

## NEUROSURGERY

1. [Guidelines for the Management of Severe Traumatic Brain Injury, Fourth Edition](#)
2. [Guidelines for the Management of Pediatric Severe Traumatic Brain Injury, Third Edition: Update of the Brain Trauma Foundation Guidelines, Executive Summary](#)
3. [Imaging of Intracranial Pressure Disorders](#)
4. [Head and Neck: Skull Base Imaging](#)
5. [Cerebrovascular Imaging: Which Test is Best?](#)
6. [Subperiosteal vs Subdural Drain After Burr-Hole Drainage of Chronic Subdural Hematoma: A Randomized Clinical Trial \(cSDH-Drain-Trial\)](#)
7. [Single-Arm, Open-Label, Multicenter Study to Evaluate the Safety and Performance of Dura Sealant Patch in Reducing Cerebrospinal Fluid Leakage Following Elective Cranial Surgery: The ENCASE Trial Study Protocol](#)
8. [Letter: Air Travel After Brain Surgery—Does It Really Matter When to Fly?](#)
9. [Prevention of Surgical Site Infection in Spine Surgery](#)

10. [Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines for Pediatric Myelomeningocele: Executive Summary](#)

## **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. [Essential Neurosurgery for Medical Students: Tumor](#)
5. [Essential Neurosurgery for Medical Students: Vascular](#)
6. [Essential Neurosurgery for Medical Students: Peripheral Nerve](#)
7. [Essential Neurosurgery for Medical Students: Neurosurgical Physiology and Neurocritical Management of the Acute Neurosurgical Patient](#)
8. [Essential Neurosurgery for Medical Students: Introduction: What is Neurosurgery?](#)
9. [The Spetzler Collection](#)
10. [Essential Neurosurgery for Medical Students: Pediatrics](#)