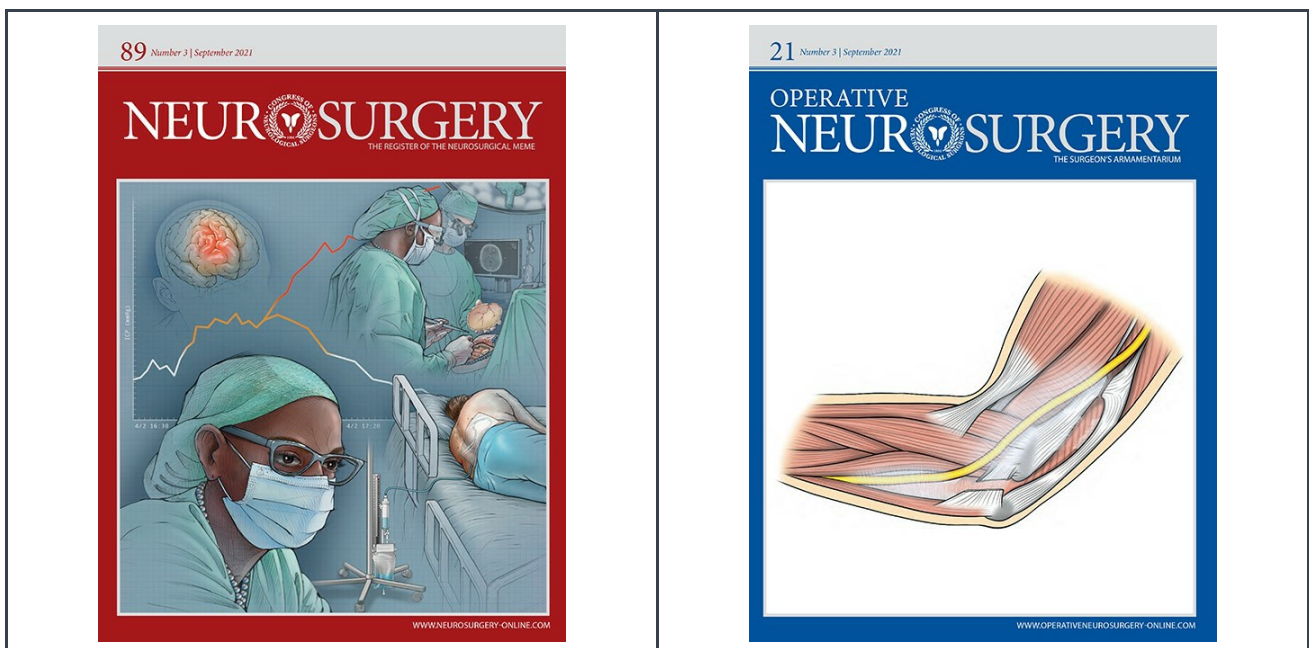




Trending Articles: September 2021

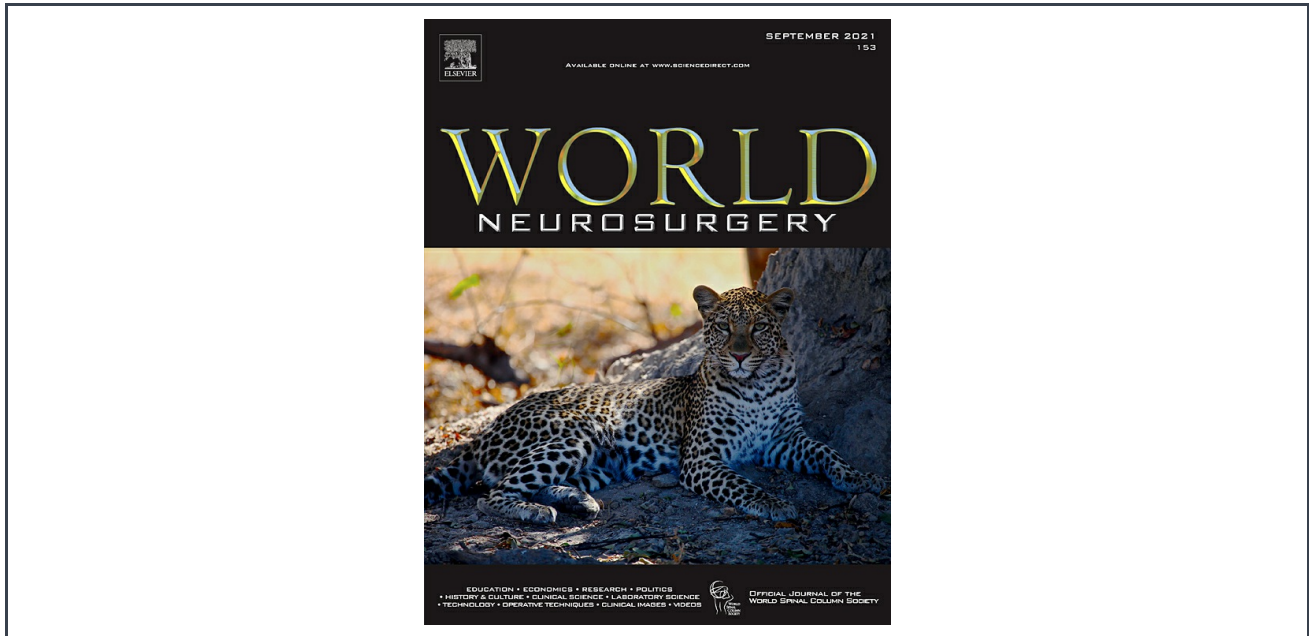
Last Updated: October 11, 2021

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.



WORLD NEUROSURGERY Editor's Choice

Partnership with the *WORLD NEUROSURGERY* journal took a different form such that the Editor's choice articles will instead be presented. A quick navigation link is available in the table below.



JOURNAL OF NEUROSURGERY

1. [Complications After 1002 Endoscopic Endonasal Approach Procedures at a Single Center: Lessons Learned, 2010–2018](#)
2. [Endoscopic Endonasal and Transorbital Approaches to Petrous Apex Lesions](#)
3. [Volumetric Growth Rates of Untreated Cavernous Sinus Meningiomas](#)
4. [Neurosurgery Residency and Fellowship Education in the United States: 2 Decades of System Development by the One Neurosurgery Summit Organizations](#)
5. [Adverse Radiation Effects in Volume-Staged Radiosurgery for Large Arteriovenous Malformations: A Multiinstitutional Study](#)
6. [Neuroanatomical Considerations for Optimizing Thalamic Deep Brain Stimulation in Tourette Syndrome](#)
7. [Anterior Transpetrosal Approach: Experiences in 274 Cases Over 33](#)

[Years. Technical Variations, Operated Patients, and Approach-Related Complications](#)

8. [A Subset of Arachnoid Granulations in Humans Drain to the Venous Circulation via Intradural Lymphatic Vascular Channels](#)
9. [Asleep Deep Brain Stimulation With Intraoperative Magnetic Resonance Guidance: A Single-Institution Experience](#)
10. [Increasing Author Counts in Neurosurgical Journals From 1980 to 2020](#)

JOURNAL OF NEUROSURGERY: PEDIATRICS

1. [Surgical Treatment and Outcome of Posterior Fossa Arachnoid Cysts in Infants](#)
2. [Standardizing Postoperative Care for Pediatric Intradural Chiari Decompressions to Decrease Length of Stay](#)
3. [Intraarterial Delivery of Bevacizumab and Cetuximab Utilizing Blood-Brain Barrier Disruption in Children With High-Grade Glioma and Diffuse Intrinsic Pontine Glioma: Results of a Phase I Trial](#)
4. [Nonsyndromic Craniosynostosis in Vietnam: Initial Surgical Outcomes of Subspecialty Mentorship](#)
5. [Epilepsy Surgery in Children Under 3 Years of Age: Surgical and Developmental Outcomes](#)
6. [Exploring the Outcomes and Experiences of Black and White Athletes Following a Sport-Related Concussion: A Retrospective Cohort Study](#)
7. [Palliative Endoscopic Third Ventriculostomy for Pediatric Primary Brain Tumors: A Single-Institution Case Series](#)
8. [Outcomes of a Virtual Craniofacial Clinic for Assessing Plagiocephaly During the COVID-19 Pandemic](#)
9. [Clinical Effectiveness of and Family Experience With Telephone Consultation in a Regional Pediatric Neurosurgery Center in the United Kingdom](#)

10. [Do Standard Surgical Techniques Lead to Satisfying Aesthetic Results in Nonsyndromic Sagittal Suture Synostosis?](#)

JOURNAL OF NEUROSURGERY: SPINE

1. [An ACGME-Based Comparison of Neurosurgical and Orthopedic Resident Training in Adult Spine Surgery via a Case Volume and Hours-Based Analysis](#)
2. [Adult Sports-Related Traumatic Spinal Injuries: Do Different Activities Predispose to Certain Injuries?](#)
3. [Use of an Intraoperative Sodium Oxchlorosene–Based Infection Prevention Protocol to Safely Decrease Postoperative Wound Infections After Spine Surgery](#)
4. [Does Lumbar Spine Fusion Predispose Patients to Future Total Hip Replacement?](#)
5. [Decompression Alone Versus Decompression and Instrumented Fusion for the Treatment of Isthmic Spondylolisthesis: A Randomized Controlled Trial](#)
6. [Clinical Outcomes in Revision Lumbar Spine Fusions: An Observational Cohort Study](#)
7. [Reduced Proximal Junctional Failure With Ligament Augmentation in Adult Spinal Deformity: A Series of 242 Cases With a Minimum 1-Year Follow-Up](#)
8. [Do All Outpatient Spine Surgeries Cost the Same? Comparison of Economic Outcomes Data From a State-Level Database for Outpatient Lumbar Decompression Performed in an Ambulatory Surgery Center or Hospital Outpatient Setting](#)
9. [Effects of Compressive Lesions on intraoperative Human Spinal Cord Elasticity](#)
10. [A Multicenter Analysis of the Prognostic Value of Histone H3 K27M Mutation in Adult High-Grade Spinal Glioma](#)

NEUROSURGERY

1. [Guidelines for the Management of Severe Traumatic Brain Injury: 2020 Update of the Decompressive Craniectomy Recommendations](#)
2. [Letter: Guidelines for the Management of Severe Traumatic Brain Injury, Fourth Edition](#)
3. [Pipeline Embolization Devices for the Treatment of Intracranial Aneurysms, Single-Center Registry: Long-Term Angiographic and Clinical Outcomes From 1000 Aneurysms](#)
4. [A Review of Cortical and Subcortical Stimulation Mapping for Language](#)
5. [Guidelines for the Management of Pediatric Severe Traumatic Brain Injury, Third Edition: Update of the Brain Trauma Foundation Guidelines, Executive Summary](#)
6. [Surgery for Degenerative Cervical Myelopathy: A Nationwide Registry-Based Observational Study With Patient-Reported Outcomes](#)
7. [Ultrasound in Traumatic Spinal Cord Injury: A Wide-Open Field](#)
8. [Clinical Pearls and Methods for Intraoperative Awake Language Mapping](#)
9. [Amygdala and Hypothalamus: Historical Overview With Focus on Aggression](#)
10. [Overview of Mechanical Thrombectomy Techniques](#)

OPERATIVE NEUROSURGERY

1. [Posterior Cervical Decompression and Instrumented Fusion for Cervical Spondylotic Myelopathy: 2-Dimensional Operative Video](#)
2. [Essential Neurosurgery for Medical Students: Spine](#)
3. [Essential Neurosurgery for Medical Students: The Neurological Examination](#)
4. [Essential Neurosurgery for Medical Students: Trauma](#)

5. [Introduction: What Is Neurosurgery?](#)
6. [Essential Neurosurgery for Medical Students: Neurosurgical Physiology and Neurocritical Management of the Acute Neurosurgical Patient](#)
7. [Assessing the Differences in Measurement of Degree of Spondylolisthesis Between Supine MRI and Erect X-Ray: An Institutional Analysis of 255 Cases](#)
8. [Essential Neurosurgery for Medical Students: Vascular](#)
9. [Essential Neurosurgery for Medical Students: Tumor](#)
10. [Oblique Lumbar Interbody Fusion From L2 to S1: 2-Dimensional Operative Video](#)

WORLD NEUROSURGERY

1. [Management of Internal Carotid Artery and Intracranial Anterior Circulation Tandem Occlusion With Stenting Versus No Stenting: A Multicenter Study](#)
2. [Patient-Specific Factors Drive Intensive Care Unit and Total Hospital Length of Stay in Operative Patients With Brain Tumor](#)
3. [Surgical Stabilization for Patients With Mechanical Back Pain Secondary to Metastatic Spinal Disease is Associated With Improved Objective Mobility Metrics: Preliminary Analysis in a Cohort of 26 Patients](#)
4. [Inclusion of Frailty Improves Predictive Modeling for Postoperative Outcomes in Surgical Management of Primary and Secondary Lumbar Spine Tumors](#)
5. [#Neurosurgery: A Temporal and Content Analysis of Academic Neurosurgery on Twitter](#)
6. [Variations in Postoperative Opioid Prescription Practices and Impact on Refill Prescriptions Following Lumbar Spine Surgery](#)

