

1. Hamilton MG, Israelsson H, Palandri G, Elder BD, Williams MA. Introduction. Adult hydrocephalus: advancements in diagnosis, treatment, and patient outcomes. *Neurosurg Focus*. 2023;54(4):E1. Epub 2023/04/03. doi: 10.3171/2023.1.Focus22641. PubMed PMID: 37004135.
2. Hagel V, Wagner R, Waschke A, Hofstetter CP, Telfeian AE, Shen J, et al. Surgeon reported practice patterns related to full endoscopic cervical decompression procedures. *Eur Spine J*. 2023. Epub 2023/04/06. doi: 10.1007/s00586-023-07675-8. PubMed PMID: 37020150.
3. Picetti E, Catena F, Abu-Zidan F, Ansaloni L, Armonda RA, Bala M, et al. Correction: Early management of isolated severe traumatic brain injury patients in a hospital without neurosurgical capabilities: a consensus and clinical recommendations of the World Society of Emergency Surgery (WSES). *World J Emerg Surg*. 2023;18(1):29. Epub 2023/04/07. doi: 10.1186/s13017-023-00489-5. PubMed PMID: 37024937; PubMed Central PMCID: PMCPCMC10080738.
4. Spencer KA, Woods CB, Worstman HM, Johnson SC, Ramirez JM, Morgan PG, et al. TREK-1 and TREK-2 Knockout Mice Are Not Resistant to Halothane or Isoflurane. *Anesthesiology*. 2023;139(1):63-76. Epub 2023/04/08. doi: 10.1097/aln.0000000000004577. PubMed PMID: 37027798; PubMed Central PMCID: PMCPCMC10247454.
5. Prasse T, Yap N, Sivakanthan S, Pan J, Ogunlade J, Bredow J, et al. Remote patient monitoring following full endoscopic spine surgery: feasibility and patient satisfaction. *J Neurosurg Spine*. 2023;39(1):122-31. Epub 2023/04/16. doi: 10.3171/2023.2.Spine23136. PubMed PMID: 37060314.
6. Pease M, Elmer J, Shahabadi AZ, Mallela AN, Ruiz-Rodriguez JF, Sexton D, et al. Predicting posttraumatic epilepsy using admission electroencephalography after severe traumatic brain injury. *Epilepsia*. 2023. Epub 2023/04/19. doi: 10.1111/epi.17622. PubMed PMID: 37073101.
7. Weatherly M, Trivedi A, Chembrolu R, Gupta S, Ramirez JM, Lavista Ferres JM, et al. Maternal infections in pregnancy and the risk of sudden unexpected infant death in the offspring in the U.S., 2011-2015. *PLoS One*. 2023;18(4):e0284614. Epub 2023/04/21. doi: 10.1371/journal.pone.0284614. PubMed PMID: 37083949; PubMed Central PMCID: PMCPCMC10121007.
8. Khaing ZZ, Chandrasekaran A, Katta A, Reed MJ. The Brain and Spinal Microvasculature in Normal Aging. *J Gerontol A Biol Sci Med Sci*. 2023. Epub 2023/04/24. doi: 10.1093/gerona/glad107. PubMed PMID: 37093786.
9. Feldman KW, Sokoloff M, Otjen JP, Wright JN, Lee A, Ebel B, et al. Short Falls in Childhood Occasionally Cause Major Brain Injuries Because of Unusual Circumstances. *Pediatr Emerg Care*. 2023;39(5):335-41. Epub 2023/04/28. doi: 10.1097/pec.0000000000002749. PubMed PMID: 37115991.
10. Shenoy VS, Sekhar LN. Orbitozygomatic Transsylvian and Subtemporal Transzygomatic Approaches for Clipping of Basilar Tip Aneurysms: 2-Dimensional Operative Video. *Oper Neurosurg (Hagerstown)*. 2023;25(1):e23-e4. Epub 2023/04/28. doi: 10.1227/ons.0000000000000655. PubMed PMID: 37114911.
11. Avery A, Takagi-Stewart J, Qiu Q, Philipson EB, Moore M, Kroshus E, et al. Effect of RISE Bundle implementation on school adoption of a student-centered return-to-learn program in Washington state. *NeuroRehabilitation*. 2023;52(4):641-50. Epub 2023/05/01. doi: 10.3233/nre-220200. PubMed PMID: 37125566.
12. Bounajem MT, Joyce E, Scoville JP, Seinfeld J, Hoffman J, Grossberg JA, et al. Safety and efficacy of the Pipeline Flex embolization device with Shield Technology for the acute treatment of ruptured internal carotid artery pseudoaneurysms: a multi-institution case series. *Neurosurg Focus*. 2023;54(5):E4. Epub 2023/05/02. doi: 10.3171/2023.2.Focus233. PubMed PMID: 37127036.
13. Dewan MC, Isaacs AM, Cools MJ, Yengo-Kahn A, Naftel RP, Jensen H, et al. Treatment of hydrocephalus following posterior fossa tumor resection: a multicenter collaboration from the Hydrocephalus Clinical Research Network. *J Neurooncol*. 2023;163(1):123-32. Epub 2023/05/02. doi: 10.1007/s11060-023-04316-4. PubMed PMID: 37129738.
14. Becerril-Gaitan A, Ding D, Ironside N, Buell TJ, Kansagra AP, Lanzino G, et al. The VEBAS score: a practical scoring system for intracranial dural arteriovenous fistula obliteration. *J Neurointerv Surg*. 2023. Epub 2023/05/03. doi: 10.1136/jnis-2023-020282. PubMed PMID: 37130751.
15. Kolnik SE, Marquard R, Brandon O, Puia-Dumitrescu M, Valentine G, Law JB, et al. Preterm infants variability in cerebral near-infrared spectroscopy measurements in the first 72-h after birth. *Pediatr Res*. 2023. Epub 2023/05/04. doi: 10.1038/s41390-023-02618-x. PubMed PMID: 37138026.
16. Pope CE, Whitlock KB, Hodor P, Limbrick DD, Jr., McDonald PJ, Hauptman J, et al. A Refined, Controlled 16S rRNA Gene Sequencing Approach Reveals Limited Detection of Cerebrospinal Fluid Microbiota in Children with Bacterial Meningitis. *Microbiol Spectr*. 2023;11(3):e0036123. Epub 2023/05/04. doi: 10.1128/spectrum.00361-23.

PubMed PMID: 37140368; PubMed Central PMCID: PMCPMC10269467.

17. Baird-Daniel E, Glaser A, Boop S, Durfy S, Hauptman JS. Single-Electrode Deep Brain Stimulation of Bilateral Posterolateral Globus Pallidus Internus in Patients With Medically Resistant Lesch-Nyhan Syndrome. *Cureus*. 2023;15(4):e37070. Epub 2023/05/08. doi: 10.7759/cureus.37070. PubMed PMID: 37153246; PubMed Central PMCID: PMCPMC10155820.
18. Greil ME, Ogunlade JJ, Bergquist J, Williams JR, Kashlan ON, Hofstetter CP. Full-endoscopic trans-pars interarticularis approach for far lateral lumbar discectomy. *Eur Spine J*. 2023. Epub 2023/05/11. doi: 10.1007/s00586-023-07698-1. PubMed PMID: 37166550.
19. Parsey CM, Kang HJ, Eaton JC, McGrath ME, Barber J, Temkin NR, et al. Chronic frontal neurobehavioural symptoms in combat-deployed military personnel with and without a history of blast-related mild traumatic brain injury. *Brain Inj*. 2023;1-8. Epub 2023/05/11. doi: 10.1080/02699052.2023.2209740. PubMed PMID: 37165638.
20. Rangwala SD, Briggs RG, Ruzevick J, Zada G. Exoscope-Assisted, Channel-Based Approach for Resection of 3rd Ventricular Colloid Cyst: 2-Dimensional Operative Video. *Oper Neurosurg (Hagerstown)*. 2023. Epub 2023/05/11. doi: 10.1227/ons.0000000000000747. PubMed PMID: 37166190.
21. Bergquist J, Greil ME, Khalsa SSS, Sun Y, Kashlan ON, Hofstetter CP. Full-endoscopic technique mitigates obesity-related perioperative morbidity of minimally invasive lumbar decompression. *Eur Spine J*. 2023. Epub 2023/05/12. doi: 10.1007/s00586-023-07705-5. PubMed PMID: 37169883.
22. Chesnut RM, Aguilera S, Buki A, Bulger EM, Citerio G, Cooper DJ, et al. Perceived Utility of Intracranial Pressure Monitoring in Traumatic Brain Injury: A Seattle International Brain Injury Consensus Conference Consensus-Based Analysis and Recommendations. *Neurosurgery*. 2023;93(2):399-408. Epub 2023/05/12. doi: 10.1227/neu.0000000000002516. PubMed PMID: 37171175; PubMed Central PMCID: PMCPMC10319366.
23. Saal-Zapata G, Murga-Villanueva A, Walker M, Ghodke B, Rodríguez-Varela R. Safety and radiologic clearance of chronic subdural hematoma after endovascular embolization using SQUID 18 in patients older than 80 years. *J Neurosci Rural Pract*. 2023;14(2):336-41. Epub 2023/05/14. doi: 10.25259/jnrp_30_2022. PubMed PMID: 37181175; PubMed Central PMCID: PMCPMC10174137.
24. Barros G, Meyer RM, Bass DI, Nistal D, McAvoy M, Clarke JV, et al. In Reply to the Letter to the Editor Regarding "Clinical Utility of Routine Postprocedural Computed Tomography of the Head Following Elective Neuroendovascular Interventions". *World Neurosurg*. 2023;173:300. Epub 2023/05/16. doi: 10.1016/j.wneu.2023.02.077. PubMed PMID: 37189320.
25. Redmond KJ, Schaub SK, Lo SL, Khan M, Lubelski D, Bilsky M, et al. Radiotherapy for Mobile Spine and Sacral Chordoma: A Critical Review and Practical Guide from the Spine Tumor Academy. *Cancers (Basel)*. 2023;15(8). Epub 2023/05/16. doi: 10.3390/cancers15082359. PubMed PMID: 37190287; PubMed Central PMCID: PMCPMC10136664.
26. Bou-Samra P, Muhammad N, Chang A, Karsalia R, Azari F, Kennedy G, et al. Intraoperative molecular imaging: 3rd biennial clinical trials update. *J Biomed Opt*. 2023;28(5):050901. Epub 2023/05/17. doi: 10.1117/1.Jbo.28.5.050901. PubMed PMID: 37193364; PubMed Central PMCID: PMCPMC10182831.
27. Chen L, Mercan E, Massenburg BB, Hopper RA, Susarla S, Lee A, et al. Two Year Comparison of Sagittal Synostosis Morphometric Outcomes Following Open Posterior Expansion Versus Endoscopic Strip Craniectomy with Helmet Molding Performed before Four Months of Age. *Plast Reconstr Surg*. 2023. Epub 2023/05/18. doi: 10.1097/prs.00000000000010679. PubMed PMID: 37199432.
28. Esmaeili B, Hakimian S, Ko AL, Hauptman JS, Ojemann JG, Miller JW, et al. Epilepsy-Related Mortality After Laser Interstitial Thermal Therapy in Patients With Drug-Resistant Epilepsy. *Neurology*. 2023. Epub 2023/05/19. doi: 10.1212/wnl.00000000000207405. PubMed PMID: 37202163.
29. Shenoy VS, Sekhar LN. High-Flow Saphenous Vein Graft Bypass from Common Carotid Artery to Vertebral Artery (V2) for the Treatment of Vertebrobasilar Insufficiency Due to Bilateral Vertebral Artery Origin Stenosis. *World Neurosurg*. 2023;177:17. Epub 2023/05/29. doi: 10.1016/j.wneu.2023.05.078. PubMed PMID: 37245670.
30. Kim MH, Radaelli C, Thomsen ER, Monet D, Chartrand T, Jorstad NL, et al. Target cell-specific synaptic dynamics of excitatory to inhibitory neuron connections in supragranular layers of human neocortex. *Elife*. 2023;12. Epub 2023/05/30. doi: 10.7554/eLife.81863. PubMed PMID: 37249212.
31. Yu K, Wang J, Jiang H, Mourad PD. Editorial: Brain stimulation in cognition and disease. *Front Neurosci*. 2023;17:1213272. Epub 2023/06/01. doi: 10.3389/fnins.2023.1213272. PubMed PMID: 37260847; PubMed Central PMCID: PMCPMC10227574.
32. Greil ME, Bergquist J, Kashlan ON, Kwon WK, Durfy S, Hofstetter CP. Incidence and management of dural tears in full-endoscopic unilateral laminotomies for bilateral lumbar decompression. *Eur Spine J*. 2023. Epub 2023/06/02. doi: 10.1007/s00586-023-07749-7. PubMed PMID: 37264093.

33. Huff A, Karlen-Amarante M, Oliveira LM, Ramirez JM. Role of the postinspiratory complex in regulating swallow-breathing coordination and other laryngeal behaviors. *Elife*. 2023;12. Epub 2023/06/05. doi: 10.7554/eLife.86103. PubMed PMID: 37272425; PubMed Central PMCID: PMCPCMC10264072.
34. Browd SR, Park C, Donoho DA. Potential Applications of Artificial Intelligence and Machine Learning in Spine Surgery Across the Continuum of Care. *Int J Spine Surg*. 2023;17(S1):S26-s33. Epub 2023/06/09. doi: 10.14444/8507. PubMed PMID: 37291063; PubMed Central PMCID: PMCPCMC10318910.
35. Oliveira LM, Severs L, Moreira TS, Ramirez JM, Takakura AC. Ampakine CX614 increases respiratory rate in a mouse model of Parkinson's disease. *Brain Res*. 2023;1815:148448. Epub 2023/06/11. doi: 10.1016/j.brainres.2023.148448. PubMed PMID: 37301422.
36. Shenoy VS, Miller C, Sen RD, McAvoy M, Montoure A, Kim LJ, et al. High-Flow Bypass and Clip Trapping of a Giant Fusiform Middle Cerebral Artery (M1) Aneurysm: Technical Case Instruction. *Oper Neurosurg (Hagerstown)*. 2023. Epub 2023/06/12. doi: 10.1227/ons.0000000000000785. PubMed PMID: 37307021.
37. Akiyama LF, Roberts EA, Shurtleff HA, Barry D, Saneto RP, Novotny EJ, et al. Clinical outcomes of pediatric hemispherectomy following unsuccessful subhemispheric resection for refractory epilepsy: a case review study. *J Neurosurg Pediatr*. 2023;1-8. Epub 2023/06/13. doi: 10.3171/2023.4.Peds2328. PubMed PMID: 37310054.
38. Hofstetter CP. Riding the Wave of Innovation: Endoscopic Spine Surgery Is Here to Stay. *Int J Spine Surg*. 2023;17(3):333-4. Epub 2023/06/15. doi: 10.14444/8456. PubMed PMID: 37315992; PubMed Central PMCID: PMCPCMC10312203 interest or financial disclosures with respect to the research, authorship, and/or publication of this article.
39. Ramirez JM, Carroll MS, Burgraff N, Rand CM, Weese-Mayer DE. A narrative review of the mechanisms and consequences of intermittent hypoxia and the role of advanced analytic techniques in pediatric autonomic disorders. *Clin Auton Res*. 2023;33(3):287-300. Epub 2023/06/16. doi: 10.1007/s10286-023-00958-6. PubMed PMID: 37326924.
40. Ravindra VM, Jensen H, Riva-Cambrin J, Wellons JC, Limbrick DD, Pindrik J, et al. Comparison of outcomes in the management of abdominal pseudocyst in children with shunted hydrocephalus: a Hydrocephalus Clinical Research Network study. *J Neurosurg Pediatr*. 2023;1-12. Epub 2023/06/16. doi: 10.3171/2023.4.Peds23129. PubMed PMID: 37327184.
41. Sekhar LN, Shenoy V. Honoring Professor B. Ramamurthi: Thoughts on Life, Death, and Purpose. *Neurol India*. 2023;71(3):418-21. Epub 2023/06/16. doi: 10.4103/0028-3886.378663. PubMed PMID: 37322732.
42. Steinman DA, Gounis MJ, Levitt MR. You're so vein, you probably think this model's about you: opportunities and challenges for computational fluid dynamics in cerebral venous disease. *J Neurointerv Surg*. 2023;15(7):621-2. Epub 2023/06/17. doi: 10.1136/jnis-2023-020652. PubMed PMID: 37328188.
43. Hauser Chatterjee J, Boos MD, Shaw DW, Ellenbogen RG, Duffy EK. Resolution of a Focal Pruritic Rash Following Neurosurgical Decompression in an Adolescent With Chiari I and Syringomyelia. *Pediatr Neurol*. 2023;145:115-8. Epub 2023/06/18. doi: 10.1016/j.pediatrneurol.2023.05.009. PubMed PMID: 37329859.
44. Youngerman BE, Banu MA, Khan F, McKhann GM, Schevon CA, Jagid JR, et al. Long-term outcomes of mesial temporal laser interstitial thermal therapy for drug-resistant epilepsy and subsequent surgery for seizure recurrence: a multi-centre cohort study. *J Neurol Neurosurg Psychiatry*. 2023. Epub 2023/06/20. doi: 10.1136/jnnp-2022-330979. PubMed PMID: 37336643.
45. Pandey S, Whitlock KB, Test MR, Hodor P, Pope CE, Limbrick DD, Jr., et al. Characterization of cerebrospinal fluid (CSF) microbiota at the time of initial surgical intervention for children with hydrocephalus. *PLoS One*. 2023;18(6):e0280682. Epub 2023/06/21. doi: 10.1371/journal.pone.0280682. PubMed PMID: 37342995; PubMed Central PMCID: PMCPCMC10284395.
46. Yaseen A, Robertson CS, Cruz Navarro J, Chen J, Heckler B, DeSantis S, et al. Integrating, Harmonizing, and Curating Studies with High-Frequency and Hourly Physiological Data: Proof of Concept from Seven Traumatic Brain Injury Datasets. *J Neurotrauma*. 2023. Epub 2023/06/21. doi: 10.1089/neu.2023.0023. PubMed PMID: 37341031.
47. Brett BL, Temkin N, Barber JK, Okonkwo DO, Stein M, Bodien YG, et al. Long-term Multi-domain Patterns of Change Following Traumatic Brain Injury: A TRACK-TBI LONG Study. *Neurology*. 2023. Epub 2023/06/22. doi: 10.1212/wnl.0000000000207501. PubMed PMID: 37344231.
48. Dias MS, Wang M, Liang M, Rizk EB, Bowman R, Partington MD, et al. First-time tethered cord release among adults with myelomeningocele: an analysis of people in the National Spina Bifida Patient Registry. *J Neurosurg Spine*. 2023;1-7. Epub 2023/06/22. doi: 10.3171/2023.5.Spine2328. PubMed PMID: 37347622; PubMed Central PMCID: PMCPCMC10286836.
49. Levitt MR. Point:Dural venous sinus stenting should be considered a first-line treatment option for select patients with idiopathic intracranial hypertension. *J Neurointerv Surg*. 2023. Epub 2023/06/22. doi:

10.1136/jnis-2023-020597. PubMed PMID: 37344175.

50. Webb M, Essibayi MA, Al Kasab S, Maier IL, Psychogios MN, Grossberg JA, et al. Predictors of Angiographic Outcome After Failed Thrombectomy for Large Vessel Occlusion: Insights from the Stroke Thrombectomy and Aneurysm Registry. *Neurosurgery*. 2023. Epub 2023/06/28. doi: 10.1227/neu.0000000000002560. PubMed PMID: 37377425.