

Department of Neurological Surgery Publications
University of Washington, Seattle WA
2023 **Faculty, Fellow, and Resident**
Peer Reviewed: 181
Book Chapters: 4

PEER REVIEWED PUBLICATIONS

2023 Q1 January - March

1. Shaban A, Al Kasab S, Chalhoub RM, Bass E, Maier I, Psychogios MN, et al. including **Levitt MR**. Mechanical thrombectomy for large vessel occlusion strokes beyond 24 hours. *J Neurointerv Surg*. 2023. Epub 2023/01/03. doi: 10.1136/jnis-2022-019372. PubMed PMID: 36593118.
2. Saad H, Eshraghi S, Alawieh AM, Akbik F, Cawley CM, Howard BM, et al. including **Levitt MR**. Technical and clinical outcomes in concurrent multivessel occlusions treated with mechanical thrombectomy: insights from the STAR collaboration. *J Neurointerv Surg*. 2023;15(11):1072-7. Epub 2023/01/05. doi: 10.1136/jnis-2022-019608. PubMed PMID: 36597932.
3. Vitanza NA, Ronsley R, Choe M, Henson C, Breedt M, Barrios-Anderson A, et al. including **Goldstein HE, Browd SR, Lee A, Ojemann JG, Hauptman JS**. Locoregional CAR T cells for children with CNS tumors: Clinical procedure and catheter safety. *Neoplasia*. 2023;36:100870. Epub 2023/01/05. doi: 10.1016/j.neo.2022.100870. PubMed PMID: 36599192; PubMed Central PMCID: PMC9823206.
4. Larkin CJ, Thirunavu VM, Nahi SL, Roumeliotis AG, Shlobin NA, Kandula V, et al. including Abecassis ZA. Analysis of socioeconomic and demographic factors on post-treatment outcomes for metastatic spinal tumors. *Clin Neurol Neurosurg*. 2023;225:107581. Epub 2023/01/07. doi: 10.1016/j.clineuro.2022.107581. PubMed PMID: 36608466.
5. Picetti E, Catena F, Abu-Zidan F, Ansaloni L, Armonda RA, Bala M, et al. including **Chesnut RM**. 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):5. Epub 2023/01/10. doi: 10.1186/s13017-022-00468-2. PubMed PMID: 36624517; PubMed Central PMCID: PMC9830860.
6. Alvarado-Dyer R, Aguilera S, **Chesnut RM**, Videtta W, Fischer D, Jibaja M, et al. Managing Severe Traumatic Brain Injury Across Resource Settings: Latin American Perspectives. *Neurocrit Care*. 2023;38(2):229-34. Epub 2023/01/13. doi: 10.1007/s12028-022-01670-5. PubMed PMID: 36635495; PubMed Central PMCID: PMC9836742.
7. Butler SH, **Loeser JD**. Multidisciplinary Pain Management: A Tale of Two Outcomes. *Anesthesiology*. 2023;138(3):312-5. Epub 2023/01/14. doi: 10.1097/aln.0000000000004444. PubMed PMID: 36637501.
8. Abecassis IJ, Almallouhi E, Chalhoub R, Kasab SA, Bass E, Ding D, et al. including **Levitt MR**. Outcomes after endovascular mechanical thrombectomy for low compared to high National Institutes of Health Stroke Scale (NIHSS): A multicenter study. *Clin Neurol Neurosurg*. 2023;225:107592. Epub 2023/01/20. doi: 10.1016/j.clineuro.2023.107592. PubMed PMID: 36657358.
9. Pan J, **Bonow RH, Temkin N**, Robinson EF, **Sekhar LN, Levitt MR**, et al. Incidence and Risk Model of Venous Thromboembolism in Patients with Aneurysmal Subarachnoid Hemorrhage. *World*

Neurosurg. 2023;172:e418-e27. Epub 2023/01/20. doi: 10.1016/j.wneu.2023.01.045. PubMed PMID: 36657716.

10. Rawat V, Eastman CL, Amaradhi R, Banik A, Fender JS, Dingleline RJ, et al. including **D'Ambrosio R**. Temporal Expression of Neuroinflammatory and Oxidative Stress Markers and Prostaglandin E2 Receptor EP2 Antagonist Effect in a Rat Model of Epileptogenesis. ACS Pharmacol Transl Sci. 2023;6(1):128-38. Epub 2023/01/20. doi: 10.1021/acspsci.2c00189. PubMed PMID: 36654746; PubMed Central PMCID: PMC9841781.

11. Ham CH, Kwon WK, Moon HJ, Kim JH, Park YK, **Hofstetter CP**. Use of prophylactic perioperative antibiotics for lumbar spinal fusions: A nationwide population-based cohort study. J Infect Public Health. 2023;16(3):354-60. Epub 2023/01/23. doi: 10.1016/j.jiph.2023.01.005. PubMed PMID: 36682101.

12. Stein MB, Jain S, Parodi L, Choi KW, Maihofer AX, Nelson LD, et al. including **Temkin NR**. Polygenic risk for mental disorders as predictors of posttraumatic stress disorder after mild traumatic brain injury. Transl Psychiatry. 2023;13(1):24. Epub 2023/01/25. doi: 10.1038/s41398-023-02313-9. PubMed PMID: 36693822; PubMed Central PMCID: PMC9873804.

13. Luciano M, Holubkov R, **Williams MA**, Malm J, Nagel S, Moghekar A, et al. Placebo-Controlled Effectiveness of Idiopathic Normal Pressure Hydrocephalus Shunting: A Randomized Pilot Trial. Neurosurgery. 2023;92(3):481-9. Epub 2023/01/27. doi: 10.1227/neu.0000000000002225. PubMed PMID: 36700738; PubMed Central PMCID: PMC9904195.

14. Kunapaisal T, Moore A, Theard MA, King MA, **Chesnut RM**, Vavilala MS, et al. Experience with clinical cerebral autoregulation testing in children hospitalized with traumatic brain injury: Translating research to bedside. Front Pediatr. 2022;10:1072851. Epub 2023/01/28. doi: 10.3389/fped.2022.1072851. PubMed PMID: 36704136; PubMed Central PMCID: PMC9871541.

15. Ju Wang JD, Doherty D, **Ramirez JM**, Chen M. Central sleep apnea in patients with pontine tegmental cap dysplasia treated with supplemental oxygen: a case report. J Clin Sleep Med. 2023;19(4):843-9. Epub 2023/01/29. doi: 10.5664/jcs.m.10452. PubMed PMID: 36708265; PubMed Central PMCID: PMC10071390.

16. Liu Q, Li J, Zhang Y, Leng X, Mossa-Basha M, **Levitt MR**, et al. Association of calcium channel blockers with lower incidence of intracranial aneurysm rupture and growth in hypertensive patients. J Neurosurg. 2023:1-10. Epub 2023/01/29. doi: 10.3171/2022.12.Jns222428. PubMed PMID: 36708539.

17. Mahan MA, Prasse T, Kim RB, Sivakanthan S, Kelly KA, Kashlan ON, et al. including **Hofstetter CP**. Full-endoscopic spine surgery diminishes surgical site infections - a propensity score-matched analysis. Spine J. 2023;23(5):695-702. Epub 2023/01/29. doi: 10.1016/j.spinee.2023.01.009. PubMed PMID: 36708928.

18. Rundfeldt C, Klein P, Boison D, Rotenberg A, **D'Ambrosio R**, Eastman C, et al. Preclinical pharmacokinetics and tolerability of a novel meglumine-based parenteral solution of topiramate and topiramate combinations for treatment of status epilepticus. Epilepsia. 2023;64(4):888-99. Epub 2023/01/29. doi: 10.1111/epi.17520. PubMed PMID: 36708090.

19. Huff A, Karlen-Amarante M, Oliveira LM, **Ramirez JM**. Postinspiratory complex acts as a gating mechanism regulating swallow-breathing coordination and other laryngeal behaviors. *bioRxiv*. 2023. Epub 2023/01/31. doi: 10.1101/2023.01.18.524513. PubMed PMID: 36712111; PubMed Central PMCID: PMC9882227.
20. Ironside N, Chen CJ, Chalhoub RM, Wludyka P, Kellogg RT, Al Kasab S, et al. including **Levitt MR, Kim LJ, Walker M**. Risk factors and predictors of intracranial hemorrhage after mechanical thrombectomy in acute ischemic stroke: insights from the Stroke Thrombectomy and Aneurysm Registry (STAR). *J Neurointerv Surg*. 2023. Epub 2023/02/02. doi: 10.1136/jnis-2022-019513. PubMed PMID: 36725360.
21. Breakey RWF, Mercan E, van de Lande LS, Sidpra J, Birgfeld C, **Lee A**, et al. Two-Center Review of Posterior Vault Expansion following a Staged or Expectant Treatment of Crouzon and Apert Craniosynostosis. *Plast Reconstr Surg*. 2023;151(3):615-26. Epub 2023/02/03. doi: 10.1097/prs.0000000000009925. PubMed PMID: 36730425.
22. Massenburg BB, Mercan E, Shepard E, Birgfeld CB, Susarla SM, **Lee A**, et al. including **Ellenbogen RG**. Morphometric Outcomes of Nonsyndromic Sagittal Synostosis following Open Middle and Posterior Cranial Vault Expansion. *Plast Reconstr Surg*. 2023;151(4):844-54. Epub 2023/02/03. doi: 10.1097/prs.0000000000010008. PubMed PMID: 36729760.
23. Mitchell K, Sprowls SA, Arora S, Shakya S, Silver DJ, Goins CM, et al. including **Patel AP**. WDR5 represents a therapeutically exploitable target for cancer stem cells in glioblastoma. *Genes Dev*. 2023;37(3-4):86-102. Epub 2023/02/03. doi: 10.1101/gad.349803.122. PubMed PMID: 36732025; PubMed Central PMCID: PMC10069451.
24. Nguyen AN, Purnell CA, Mercan E, **Lee A**, Birgfeld CB, Susarla SM, et al. including **Ellenbogen RG**. Cranial Shape Changes in Nonsyndromic Unilateral Lambdoid Synostosis after Open Posterior Vault Remodeling. *Plast Reconstr Surg*. 2023;152(1):155-65. Epub 2023/02/03. doi: 10.1097/prs.0000000000010228. PubMed PMID: 36727694.
25. Kotheeranurak V, Liawrungrueang W, Quillo-Olvera J, Siepe CJ, Li ZZ, Lokhande PV, et al. including **Hofstetter CP**. Full-Endoscopic Lumbar Discectomy Approach Selection: A Systematic Review and Proposed Algorithm. *Spine (Phila Pa 1976)*. 2023;48(8):534-44. Epub 2023/02/07. doi: 10.1097/brs.0000000000004589. PubMed PMID: 36745468.
26. Boerwinkle VL, Schor NF, Slomine BS, Molteni E, **Ramirez JM**, Rasmussen L, et al. Proceedings of the First Pediatric Coma and Disorders of Consciousness Symposium by the Curing Coma Campaign, Pediatric Neurocritical Care Research Group, and NINDS: Gearing for Success in Coma Advancements for Children and Neonates. *Neurocrit Care*. 2023;38(2):447-69. Epub 2023/02/10. doi: 10.1007/s12028-023-01673-w. PubMed PMID: 36759418; PubMed Central PMCID: PMC9910782.
27. **Shenoy VS, Sekhar LN**. Microsurgical Clipping of a Ruptured Wide-Neck Basilar Tip Aneurysm by an Extended Transsylvian Transcavernous Approach: 2-Dimensional Operative Video. *World Neurosurg*. 2023;173:1-2. Epub 2023/02/13. doi: 10.1016/j.wneu.2023.02.024. PubMed PMID: 36775234.
28. **Loeser JD**. Reply to Manhapra. *Pain*. 2023;164(3):e175. Epub 2023/02/14. doi:

10.1097/j.pain.0000000000002832. PubMed PMID: 36779560.

29. **Chesnut RM, Temkin N, Videtta W, Lujan S, Petroni G, Pridgeon J, et al.** Testing the Impact of Protocolized Care of Patients With Severe Traumatic Brain Injury Without Intracranial Pressure Monitoring: The Imaging and Clinical Examination Protocol. *Neurosurgery*. 2023;92(3):472-80. Epub 2023/02/16. doi: 10.1227/neu.0000000000002251. PubMed PMID: 36790211; PubMed Central PMCID: PMC10158870.
30. Jafari A, Adappa ND, Anagnos VJ, Campbell RG, Castelnuovo P, Chalian A, et al. including **Ferreira M Jr.** Orbital resection by intranasal technique (ORBIT): A new classification system for reporting endoscopically resectable primary benign orbital tumors. *Int Forum Allergy Rhinol*. 2023. Epub 2023/02/23. doi: 10.1002/alr.23141. PubMed PMID: 36808854.
31. McAvoy M, Satyanarayan Shenoy V, Miller C, Feroze A, Moe KS, Sekhar LN. Operative Technique and Complication Management in a Case of Giant Esthesioneuroblastoma Resected by a Combined Transcranial and Endonasal Endoscopic Approach: Technical Case Report. *Oper Neurosurg (Hagerstown)*. 2023;24(6):e449-e53. Epub 2023/02/23. doi: 10.1227/ons.0000000000000649. PubMed PMID: 36804514.
32. Bollo RJ, Gross PH, Rocque BG, **Browd SR**, Raskin JS, Leonard JR, et al. A multicenter initiative to reduce intrathecal baclofen pump surgical site infection: a Cerebral Palsy Research Network quality improvement project. *J Neurosurg Pediatr*. 2023;31(5):444-52. Epub 2023/02/26. doi: 10.3171/2023.1.Peds22368. PubMed PMID: 36840731.
33. **Khaing ZZ**, Chen JY, Safarians G, Ezubeik S, Pedroncelli N, Duquette RD, et al. Clinical Trials Targeting Secondary Damage after Traumatic Spinal Cord Injury. *Int J Mol Sci*. 2023;24(4). Epub 2023/02/26. doi: 10.3390/ijms24043824. PubMed PMID: 36835233; PubMed Central PMCID: PMC9960771.
34. Sen RD, Martinez V, Eaton J, Holdefer RN, Ellenbogen RG. Intraoperative neuromonitoring for pediatric Chiari decompression: when is it useful? *Neurosurg Focus*. 2023;54(3):E9. Epub 2023/03/02. doi: 10.3171/2022.12.Focus22632. PubMed PMID: 36857781.
35. Paulson VA, Liu YJ, Fang H, **Browd SR, Hauptman JS**, Wright J, et al. Infantile ZFTA Fusion-Positive Tumor of the Posterior Fossa: Molecular Tumor Board. *JCO Precis Oncol*. 2023;7:e2200226. Epub 2023/03/03. doi: 10.1200/po.22.00226. PubMed PMID: 36862968; PubMed Central PMCID: PMC10309551.
36. Perfetti DC, Rogers-LaVanne MP, Satin AM, Yap N, *Khan I, Kim P*, et al. including **Hofstetter CP.** Learning curve for endoscopic posterior cervical foraminotomy. *Eur Spine J*. 2023;32(8):2670-8. Epub 2023/03/04. doi: 10.1007/s00586-023-07623-6. PubMed PMID: 36867253.
37. Friedman GN, **Grannan BL**, Zinzuwadia A, Williams ZM, Coumans JV. Congenitally Fused Cervical Spine Is Associated With Adjacent-Level Degeneration in the Absence of Cervical Spine Surgery. *Neurosurgery*. 2023;93(2):409-18. Epub 2023/03/10. doi: 10.1227/neu.0000000000002426. PubMed PMID: 36892290; PubMed Central PMCID: PMC10319372.

38. Berl MM, Koop JI, Ailion A, Bearden DJ, Boyer K, Cooper CM, et al. including **Hauptman JS**. Leveraging expertise and optimizing clinical research: Initial success of a pediatric epilepsy surgery collaborative. *Epilepsia*. 2023;64(6):1554-67. Epub 2023/03/11. doi: 10.1111/epi.17579. PubMed PMID: 36897767.
39. Thirunavu V, Larkin CJ, Drumm M, Ellis EM, Roumeliotis AG, Shlobin NA, et al. including **Abecassis ZA**. Impact of Postoperative Stereotactic Body Radiation Therapy on Survival of Patients with Spinal Metastases in the Context of Additional Systemic Adjuvant Therapy. *World Neurosurg*. 2023;173:e787-e99. Epub 2023/03/13. doi: 10.1016/j.wneu.2023.03.018. PubMed PMID: 36907267.
40. CreveCoeur TS, Alexiades NG, Bonfield CM, Brockmeyer DL, **Browd SR**, Chu J, et al. Building consensus for the medical management of children with moderate and severe acute spinal cord injury: a modified Delphi study. *J Neurosurg Spine*. 2023:1-14. Epub 2023/03/19. doi: 10.3171/2023.1.Spine221188. PubMed PMID: 36933257.
41. Sarigul B, Bell RS, **Chesnut R**, Aguilera S, Buki A, Citerio G, et al. Prognostication and Goals of Care Decisions in Severe Traumatic Brain Injury: A Survey of The Seattle International Severe Traumatic Brain Injury Consensus Conference Working Group. *J Neurotrauma*. 2023;40(15-16):1707-17. Epub 2023/03/19. doi: 10.1089/neu.2022.0414. PubMed PMID: 36932737.
42. Lele AV, Fong CT, Newman SF, O'Reilly-Shah V, Walters AM, Athiraman U, et al. including **Levitt MR**. Anesthesiology Performance Improvement and Reporting Exchange (ASPIRE) Quality Metrics in Patients Undergoing Decompressive Craniectomy and Endoscopic Clot Evacuation after Spontaneous Supratentorial Intracerebral Hemorrhage: A Retrospective Observational Study. *J Neurosurg Anesthesiol*. 2023. Epub 2023/03/21. doi: 10.1097/ana.0000000000000912. PubMed PMID: 36941123.
43. Nelson LD, **Temkin NR**, Barber J, Brett BL, Okonkwo DO, McCrea MA, et al. Functional Recovery, Symptoms, and Quality of Life 1 to 5 Years After Traumatic Brain Injury. *JAMA Netw Open*. 2023;6(3):e233660. Epub 2023/03/21. doi: 10.1001/jamanetworkopen.2023.3660. PubMed PMID: 36939699; PubMed Central PMCID: PMC10028488.
44. Hohenschurz-Schmidt DJ, Cherkin D, Rice ASC, Dworkin RH, Turk DC, McDermott MP, et al. including **Loeser JD**. Research objectives and general considerations for pragmatic clinical trials of pain treatments: IMMPACT statement. *Pain*. 2023;164(7):1457-72. Epub 2023/03/22. doi: 10.1097/j.pain.0000000000002888. PubMed PMID: 36943273; PubMed Central PMCID: PMC10281023.
45. **Pan J**, **Bonow RH**. Intracranial Pressure Monitors in Patients With Penetrating Brain Injury. *JAMA Netw Open*. 2023;6(3):e236754. Epub 2023/03/25. doi: 10.1001/jamanetworkopen.2023.6754. PubMed PMID: 36961469.
46. Anadani M, Almallouhi E, Maier I, Al Kasab S, Jabbour P, Kim JT, et al. including **Levitt MR**. Effect of intravenous thrombolysis before endovascular therapy on outcomes in patients with large core infarct. *J Neurointerv Surg*. 2023. Epub 2023/03/30. doi: 10.1136/jnis-2022-019537. PubMed PMID: 36990690.
47. Caton MT, *Shenoy VS*. Cerebral Cavernous Malformations. *StatPearls*. StatPearls Publishing LLC; 2023. PMID: 30844171.

48. *Shenoy VS, Sampath R. Syringomyelia. StatPearls. StatPearls Publishing LLC; 2023. PMID: 30725795.*

2023 Q2 April - June

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;32(8):2662-9. 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. including **Chesnut RM**. 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: PMC10080738.
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: PMC10247454.
5. Prasse T, Yap N, Sivakanthan S, Pan J, *Ogunlade J*, Bredow J, et al. including **Ellenbogen RG, Hofstetter CP**. 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. Kunapaisal T, Guo S, Gomez C, Theard MA, Lynch JB, Lele AV, et al. including **Buckley R**. Bacterial Brain Abscess and Life-Threatening Intracranial Hypertension Requiring Emergent Decompressive Craniectomy After SARS-CoV-2 Infection in a Healthy Adolescent. *Cureus*. 2023;15(3):e36258. Epub 2023/04/19. doi: 10.7759/cureus.36258. PubMed PMID: 37073194; PubMed Central PMCID: PMC10105642.
7. 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;64(7):1842-52. Epub 2023/04/19. doi: 10.1111/epi.17622. PubMed PMID: 37073101.
8. 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: PMC10121007.
9. **Khaing ZZ**, Chandrasekaran A, Katta A, Reed MJ. The Brain and Spinal Microvasculature in Normal Aging. *J Gerontol A Biol Sci Med Sci*. 2023;78(8):1309-19. Epub 2023/04/24. doi:

10.1093/gerona/glad107. PubMed PMID: 37093786; PubMed Central PMCID: PMC10395569.

10. 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.

11. *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.

12. Avery A, Takagi-Stewart J, Qiu Q, Philipson EB, Moore M, Kroshus E, et al. including **Coppel DB**. 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.

13. Bounajem MT, Joyce E, Scoville JP, Seinfeld J, Hoffman J, Grossberg JA, et al. including **Levitt MR**. 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.

14. Dewan MC, Isaacs AM, Cools MJ, Yengo-Kahn A, Naftel RP, Jensen H, et al. including **Hauptman JS**. 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.

15. Igbini S, Rice M, Ciol MA, Pickard C, Webb L, Lin C, et al. including **Mac Donald CL**. The Effect of a Group Physical Activity Program on Behavior of Incarcerated Youth. *J Correct Health Care*. 2023;29(4):268-74. Epub 2023/05/02. doi: 10.1089/jchc.22.05.0038. PubMed PMID: 37130303.

16. Becerril-Gaitan A, Ding D, Ironside N, Buell TJ, Kansagra AP, Lanzino G, et al. including **Kim LJ**, **Levitt MR**. 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.

17. Kolnik SE, Marquard R, Brandon O, Puia-Dumitrescu M, Valentine G, Law JB, et al. including **Mourad PD**. Preterm infants variability in cerebral near-infrared spectroscopy measurements in the first 72-h after birth. *Pediatr Res*. 2023;94(4):1408-15. Epub 2023/05/04. doi: 10.1038/s41390-023-02618-x. PubMed PMID: 37138026.

18. 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: PMC10269467.

19. 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: PMC10155820.
20. 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;32(8):2709-16. Epub 2023/05/11. doi: 10.1007/s00586-023-07698-1. PubMed PMID: 37166550.
21. Parsey CM, Kang HJ, Eaton JC, McGrath ME, Barber J, **Temkin NR**, **Mac Donald CL**. Chronic frontal neurobehavioural symptoms in combat-deployed military personnel with and without a history of blast-related mild traumatic brain injury. *Brain Inj*. 2023;37(10):1127-34. Epub 2023/05/11. doi: 10.1080/02699052.2023.2209740. PubMed PMID: 37165638; PubMed Central PMCID: PMC10524397.
22. 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;25(2):e101-e2. Epub 2023/05/11. doi: 10.1227/ons.0000000000000747. PubMed PMID: 37166190.
23. 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;32(8):2748-54. Epub 2023/05/12. doi: 10.1007/s00586-023-07705-5. PubMed PMID: 37169883.
24. **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: PMC10319366.
25. 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: PMC10174137.
26. Barros G, Meyer RM, Bass DJ, Nistal D, McAvoy M, Clarke JV, et al. including **Levitt MR**. 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.
27. Redmond KJ, Schaub SK, Lo SL, Khan M, Lubelski D, Bilsky M, et al. including **Amin AG**. 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: PMC10136664.
28. Bou-Samra P, Muhammad N, Chang A, Karsalia R, Azari F, Kennedy G, et al. including **Lee A**. 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:

PMC10182831.

29. Chen L, Mercan E, Massenburg BB, Hopper RA, Susarla S, **Lee A**, et al. including **Ellenbogen RG**. 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.0000000000010679. PubMed PMID: 37199432.
30. 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;101(13):e1359-e63. Epub 2023/05/19. doi: 10.1212/wnl.0000000000207405. PubMed PMID: 37202163; PubMed Central PMCID: PMC10558163.
31. Boop S, Bonda D, Randle S, Leary S, Vitanza N, Crotty E, et al. including **Ellenbogen RG**, **Goldstein F**, **Ojemann JG**, **Hauptman JS**. A Comparison of Clinical Outcomes for Subependymal Giant Cell Astrocytomas Treated with Laser Interstitial Thermal Therapy, Open Surgical Resection, and mTOR Inhibitors. *Pediatr Neurosurg*. 2023;58(3):150-9. Epub 2023/05/26. doi: 10.1159/000531210. PubMed PMID: 37232001.
32. *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.
33. Kim MH, Radaelli C, Thomsen ER, Monet D, Chartrand T, Jorstad NL, et al. including **Ko AL**, **Ojemann JG**, **Silbergeld DL**. 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; PubMed Central PMCID: PMC10332811.
34. 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: PMC10227574.
35. 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;32(8):2889-95. Epub 2023/06/02. doi: 10.1007/s00586-023-07749-7. PubMed PMID: 37264093.
36. 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: PMC10264072.
37. **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: PMC10318910.
38. Gabitto MI, Travaglini KJ, Rachleff VM, Kaplan ES, Long B, Ariza J, et al. including **Mac Donald CL**.

Integrated multimodal cell atlas of Alzheimer's disease. Res Sq. 2023. Epub 2023/06/09. doi: 10.21203/rs.3.rs-2921860/v1. PubMed PMID: 37292694; PubMed Central PMCID: PMC10246227.

39. 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.
40. Shenoy VS, Miller C, Sen RD, McAvoy M, Montoure A, Kim LJ, **Sekhar LN**. High-Flow Bypass and Clip Trapping of a Giant Fusiform Middle Cerebral Artery (M1) Aneurysm: Technical Case Instruction. Oper Neurosurg (Hagerstown). 2023;25(3):e183-e7. Epub 2023/06/12. doi: 10.1227/ons.0000000000000785. PubMed PMID: 37307021.
41. Akiyama LF, Roberts EA, Shurtleff HA, Barry D, Saneto RP, Novotny EJ, et al. including **Hauptman JS, Ojemann JG**. Clinical outcomes of pediatric hemispherectomy following unsuccessful subhemispheric resection for refractory epilepsy: a case review study. J Neurosurg Pediatr. 2023;32(3):358-65. Epub 2023/06/13. doi: 10.3171/2023.4.Peds2328. PubMed PMID: 37310054.
42. **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: PMC10312203.
43. **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.
44. Ravindra VM, Jensen H, Riva-Cambrin J, Wellons JC, Limbrick DD, Pindrik J, et al. including **Browd S, Hauptman J**. Comparison of outcomes in the management of abdominal pseudocyst in children with shunted hydrocephalus: a Hydrocephalus Clinical Research Network study. J Neurosurg Pediatr. 2023;32(3):312-23. Epub 2023/06/16. doi: 10.3171/2023.4.Peds23129. PubMed PMID: 37327184.
45. **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.
46. 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.
47. 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.
48. Youngerman BE, Banu MA, Khan F, McKhann GM, Schevon CA, Jagid JR, et al. including **Ko A, Buckley R, Ojemann JG**. 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;94(11):879-86. Epub 2023/06/20. doi: 10.1136/jnnp-2022-330979. PubMed PMID: 37336643.

49. Pandey S, Whitlock KB, Test MR, Hodor P, Pope CE, Limbrick DD, Jr., et al. including **Hauptman JS**. 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: PMC10284395.

50. Yaseen A, Robertson C, Cruz Navarro J, Chen J, Heckler B, DeSantis SM, et al. including **Temkin N, Chesnut R**. Integrating, Harmonizing, and Curating Studies With High-Frequency and Hourly Physiological Data: Proof of Concept from Seven Traumatic Brain Injury Data Sets. J Neurotrauma. 2023;40(21-22):2362-75. Epub 2023/06/21. doi: 10.1089/neu.2023.0023. PubMed PMID: 37341031.

51. Brett BL, **Temkin N**, Barber JK, Okonkwo DO, Stein M, Bodien YG, et al. Long-term Multidomain Patterns of Change After Traumatic Brain Injury: A TRACK-TBI LONG Study. Neurology. 2023;101(7):e740-e53. Epub 2023/06/22. doi: 10.1212/wnl.0000000000207501. PubMed PMID: 37344231; PubMed Central PMCID: PMC10437015.

52. Dias MS, Wang M, Liang M, Rizk EB, Bowman R, Partington MD, et al. including **Lee A**. First-time tethered cord release among adults with myelomeningocele: an analysis of people in the National Spina Bifida Patient Registry. J Neurosurg Spine. 2023;39(4):527-33. Epub 2023/06/22. doi: 10.3171/2023.5.Spine2328. PubMed PMID: 37347622; PubMed Central PMCID: PMC10286836.

53. **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;15(11):1061-2. Epub 2023/06/22. doi: 10.1136/jnis-2023-020597. PubMed PMID: 37344175.

54. Webb M, Essibayi MA, Al Kasab S, Maier IL, Psychogios MN, Grossberg JA, et al. including **Levitt MR**. 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.

2023 Q3 July - September

1. Hopper RA, Nguyen AN, Massenburg BB, **Lee A**, Mercan E. Direct Remodeling of Occipital Bullet Deformity in Sagittal Synostosis Improves Two-Year Posterior Morphology After Modified Pi Procedure. Plast Reconstr Surg. 2023. Epub 2023/07/03. doi: 10.1097/prs.0000000000010898. PubMed PMID: 37399527.

2. Pan J, Yap N, Prasse T, **Hofstetter CP**. Validation of smartphone app-based digital patient reported outcomes in full-endoscopic spine surgery. Eur Spine J. 2023;32(8):2903-9. Epub 2023/07/05. doi: 10.1007/s00586-023-07819-w. PubMed PMID: 37405531.

3. **Chesnut R**, Temkin N, Pridgeon J, Sulzbacher S, Lujan S, Videtta W, et al. Protocol for a Randomized Trial Comparing Intracranial Pressure Monitor-Based Management of Severe Pediatric Traumatic Brain Injury With Management Based on Imaging and Clinical Examination Without Intracranial Pressure Monitoring. Neurosurgery. 2023. Epub 2023/07/06. doi:

10.1227/neu.0000000000002582. PubMed PMID: 37409817.

4. Wahlster S, Zunt J, **Bonow R**. Surgical Debulking Before Medical Management in a Patient With Massive Racemose Neurocysticercosis. *Neurology*. 2023;101(14):627-8. Epub 2023/07/07. doi: 10.1212/wnl.0000000000207465. PubMed PMID: 37414569; PubMed Central PMCID: PMC10573143.

5. **Chesnut RM**. Utility of Intracranial Pressure Monitoring in the Management of Traumatic Brain Injury. *World Neurosurg*. 2023. Epub 2023/07/08. doi: 10.1016/j.wneu.2023.06.053. PubMed PMID: 37419701.

6. Melbourne JA, Kehnemouyi YM, O'Day JJ, Wilkins KB, Gala AS, Petrucci MN, et al. including **Herron JA**. Kinematic adaptive deep brain stimulation for gait impairment and freezing of gait in Parkinson's disease. *Brain Stimul*. 2023;16(4):1099-101. Epub 2023/07/11. doi: 10.1016/j.brs.2023.07.003. PubMed PMID: 37429355.

7. Bajaj AI, Yap N, Derman PB, Konakondla S, Kashlan ON, Telfeian AE, **Hofstetter CP**. Comparative analysis of perioperative characteristics and early outcomes in transforaminal endoscopic lumbar discectomy: general anesthesia versus conscious sedation. *Eur Spine J*. 2023;32(8):2896-902. Epub 2023/07/14. doi: 10.1007/s00586-023-07792-4. PubMed PMID: 37450041.

8. McAvoy M, Hopper RA, **Lee A**, **Ellenbogen RG**, Susarla SM. Pediatric Cranial Vault and Skull Base Fractures. *Oral Maxillofac Surg Clin North Am*. 2023;35(4):597-606. Epub 2023/07/14. doi: 10.1016/j.coms.2023.04.008. PubMed PMID: 37442667.

9. **Levitt MR**. Was it worth it? *J Neurointerv Surg*. 2023;15(8):731-2. Epub 2023/07/15. doi: 10.1136/jnis-2023-020752. PubMed PMID: 37451828.

10. Maxin AJ, Gulek BG, Lee C, Lim D, Mariakakis A, **Levitt MR**, et al. Validation of a Smartphone Pupillometry Application in Diagnosing Severe Traumatic Brain Injury. *J Neurotrauma*. 2023;40(19-20):2118-25. Epub 2023/07/19. doi: 10.1089/neu.2022.0516. PubMed PMID: 37464770.

11. Snider SB, **Temkin NR**, Barber J, Edlow BL, Giacino JT, Hammond FM, et al. Predicting Functional Dependency in Patients with Disorders of Consciousness: A TBI-Model Systems and TRACK-TBI Study. *Ann Neurol*. 2023. Epub 2023/07/20. doi: 10.1002/ana.26741. PubMed PMID: 37470289.

12. Ashina H, Dodick DW, Barber J, **Temkin NR**, Chong CD, Adler JS, et al. including **Mac Donald C**. Prevalence of and Risk Factors for Post-traumatic Headache in Civilian Patients After Mild Traumatic Brain Injury: A TRACK-TBI Study. *Mayo Clin Proc*. 2023;98(10):1515-26. Epub 2023/07/23. doi: 10.1016/j.mayocp.2023.02.026. PubMed PMID: 37480909.

13. Boop SH, Shimony N, Boop FA. Review and update on pediatric ependymoma. *Childs Nerv Syst*. 2023;39(10):2667-73. Epub 2023/07/26. doi: 10.1007/s00381-023-06091-z. PubMed PMID: 37493720.

14. Simon TD, Sedano S, Rosenberg-Hasson Y, Durazo-Arvizu R, Whitlock KB, Hodor P, et al. including **Hauptman JS**, **Ojemann JG**. Lower levels of Th1 and Th2 cytokines in cerebrospinal fluid (CSF) at the time of initial CSF shunt placement in children are associated with subsequent shunt revision surgeries. *Cytokine*. 2023;169:156310. Epub 2023/07/31. doi: 10.1016/j.cyto.2023.156310. PubMed

PMID: 37523803; PubMed Central PMCID: PMC10528342.

15. **Fillingham P**, Romero Bhathal J, Marsh LMM, Barbour MC, Kurt M, Ionita CN, et al. including **Levitt MR**. Improving the accuracy of computational fluid dynamics simulations of coiled cerebral aneurysms using finite element modeling. *J Biomech.* 2023;157:111733. Epub 2023/08/02. doi: 10.1016/j.jbiomech.2023.111733. PubMed PMID: 37527606; PubMed Central PMCID: PMC10528313.
16. Alattar AA, Dhawan S, Bartek J, Jr., Carroll K, Ma J, Sanghvi P, et al. Increased risk for ex-vacuo ventriculomegaly with leukoencephalopathy (EVL) in whole brain radiation therapy and repeat radiosurgery treated brain metastasis patients. *J Clin Neurosci.* 2023;115:95-100. Epub 2023/08/05. doi: 10.1016/j.jocn.2023.07.005. PubMed PMID: 37541084.
17. Norat P, Sokolowski JD, Gorick CM, Soldozy S, Kumar JS, Chae Y, et al. including **Walker M, Levitt MR**. Intraarterial Transplantation of Mitochondria After Ischemic Stroke Reduces Cerebral Infarction. *Stroke Vasc Interv Neurol.* 2023;3(3). Epub 2023/08/07. doi: 10.1161/svin.122.000644. PubMed PMID: 37545759; PubMed Central PMCID: PMC10399028.
18. Nguyen ED, Fard VN, Kim BY, Collins S, Galey M, Nelson BR, et al. including **Ramirez JM**. Genome Report: chromosome-scale genome assembly of the African spiny mouse (*Acomys cahirinus*). *G3 (Bethesda).* 2023;13(10). Epub 2023/08/08. doi: 10.1093/g3journal/jkad177. PubMed PMID: 37552705; PubMed Central PMCID: PMC10542272.
19. Abecassis IJ, Almallouhi E, Chalhoub RM, Helal A, Naidugari JR, Kasab SA, et al. including **Levitt MR**. The effect of occlusion location and technique in mechanical thrombectomy for minor stroke. *Interv Neuroradiol.* 2023:15910199231196451. Epub 2023/08/18. doi: 10.1177/15910199231196451. PubMed PMID: 37593806.
20. Bombardier CH, Fann JR, Ehde DM, Reyes MR, Burns SP, Barber JK, **Temkin NR**. Collaborative Care versus Usual Care to Improve Quality of Life, Pain, Depression, and Physical Activity in Outpatients with Spinal Cord Injury: The SCI-CARE Randomized Controlled Clinical Trial. *J Neurotrauma.* 2023. Epub 2023/08/19 20:42. doi: 10.1089/neu.2023.0200. PubMed PMID: 37597201.
21. Romero Bhathal J, Marsh L, **Levitt MR**, Geindreau C, Aliseda A. Towards Prediction of Blood Flow in Coiled Aneurysms Before Treatment: A Porous Media Approach. *Ann Biomed Eng.* 2023. Epub 2023/08/20. doi: 10.1007/s10439-023-03340-9. PubMed PMID: 37598136.
22. **Chesnut RM, Bonow RH**. Craniectomy or Craniotomy for Acute Subdural Hematoma. *N Engl J Med.* 2023;389(9):862. Epub 2023/08/30. doi: 10.1056/NEJMc2308428. PubMed PMID: 37646686.
23. Tanner D, Murthy S, Lavista Ferres JM, **Ramirez JM**, Mitchell EA. Risk factors for late (28+ weeks' gestation) stillbirth in the United States, 2014-2015. *PLoS One.* 2023;18(8):e0289405. Epub 2023/08/30. doi: 10.1371/journal.pone.0289405. PubMed PMID: 37647261; PubMed Central PMCID: PMC10468071.
24. Oddo M, Taccone FS, Petrosino M, Badenes R, Blandino-Ortiz A, Bouzat P, et al. including **Chesnut RM, Greil ME**. The Neurological Pupil index for outcome prognostication in people with acute brain injury (ORANGE): a prospective, observational, multicentre cohort study. *Lancet Neurol.* 2023;22(10):925-33. Epub 2023/09/01. doi: 10.1016/s1474-4422(23)00271-5. PubMed PMID: 37652068.

25. Severs LJ, Bush NE, Quina LA, Hidalgo-Andrade S, Burgraff NJ, Dashevskiy T, et al. including **Ramirez JM**. Purinergic signaling mediates neuroglial interactions to modulate sighs. *Nat Commun*. 2023;14(1):5300. Epub 2023/09/01. doi: 10.1038/s41467-023-40812-x. PubMed PMID: 37652903; PubMed Central PMCID: PMC10471608.
26. Sedano S, Kronman MP, Whitlock KB, Zhou C, Coffin SE, **Hauptman JS**, et al. Associations of Standard Care, Intrathecal Antibiotics, and Antibiotic-Impregnated Catheters With Cerebrospinal Fluid Shunt Infection Organisms and Resistance. *J Pediatric Infect Dis Soc*. 2023;12(9):504-12. Epub 2023/09/08. doi: 10.1093/jpids/piad064. PubMed PMID: 37681670.
27. Eaton JC, Meyer RM, Lim DH, Greil ME, Williams JR, Young CC, Barber JK, **Temkin NR, Bonow RH, Chesnut RM**. Acute Extra-Arachnoid Subdural Hematomas in Patients 50 Years and Older: When Subdurals Act Like Epidurals. *World Neurosurg*. 2023. Epub 2023/09/09. doi: 10.1016/j.wneu.2023.08.134. PubMed PMID: 37683917.
28. Alarie ME, Provenza NR, **Herron JA**, Asaad WF. Automated artifact injection into sensing-capable brain modulation devices for neural-behavioral synchronization and the influence of device state. *Brain Stimul*. 2023;16(5):1358-60. Epub 2023/09/11. doi: 10.1016/j.brs.2023.09.005. PubMed PMID: 37690601.
29. Kelly-Hedrick M, Liu SY, **Temkin N**, Barber J, Komisarow J, Manley G, et al. Association of Early Beta-Blocker Exposure and Functional Outcomes in Critically Ill Patients With Moderate to Severe Traumatic Brain Injury: A Transforming Clinical Research and Knowledge in Traumatic Brain Injury Study. *Crit Care Explor*. 2023;5(9):e0958. Epub 2023/09/11. doi: 10.1097/cce.0000000000000958. PubMed PMID: 37693305; PubMed Central PMCID: PMC10484371.
30. Manning A, Han V, Stephens A, Wang R, Bush N, Bard M, **Ramirez JM, Kalume F**. Elevated susceptibility to exogenous seizure triggers and impaired interneuron excitability in a mouse model of Leigh syndrome epilepsy. *Neurobiol Dis*. 2023;187:106288. Epub 2023/09/14. doi: 10.1016/j.nbd.2023.106288. PubMed PMID: 37704057.
31. Pan J, Boop SH, Barber JK, Susarla SM, Durfy S, **Ojemann JG, Goldstein HE, Lee A, Browd S, Ellengogen RG, Hauptman JS**. Perioperative complications and secondary retethering after pediatric tethered cord release surgery. *J Neurosurg Pediatr*. 2023:1-10. Epub 2023/09/20. doi: 10.3171/2023.6.Peds23259. PubMed PMID: 37728397.
32. Boop S, Gibson A, Pedersen K, Coppel D, Durfy S, Patel AJ, **Lee A, Ravanpay AR**. Virtual Interviews in Neurosurgery Resident Selection: A Follow-up Report. *World Neurosurg*. 2023. Epub 2023/09/23. doi: 10.1016/j.wneu.2023.09.051. PubMed PMID: 37739171.
33. Maxin AJ, Gulek BG, Lee C, Lim D, Mariakakis A, **Levitt MR**, et al. Response to Zanier and Citerio. *J Neurotrauma*. 2023. Epub 2023/09/24. doi: 10.1089/neu.2023.0468. PubMed PMID: 37742117.
34. Solis F, Plasencia A, Wahlster S, **Walker M, Levitt MR**, Ecos R. Flow Diversion for the Treatment of Intracranial Aneurysms in a Peruvian Cohort: Experiences from a Limited-Resource Setting and Barriers to Implementation. *World Neurosurg*. 2023;180:79-85. Epub 2023/09/25. doi:

10.1016/j.wneu.2023.09.058. PubMed PMID: 37742718.

35. Uchida K, Matsukawa H, Sowlat MM, Elawady SS, Alawieh A, Jabbour P, et al. including **Levitt MR**. Gender Differences in Procedural Clinical Complications and Outcomes of Intracranial Aneurysms: Analysis of the Stroke Thrombectomy and Aneurysm Registry. *Neurosurgery*. 2023. Epub 2023/09/25. doi: 10.1227/neu.0000000000002695. PubMed PMID: 37747370.

36. Etemad LL, Yue JK, Barber J, Nelson LD, Bodien YG, Sattris GG, et al. including **Temkin NR**. Longitudinal Recovery Following Repetitive Traumatic Brain Injury. *JAMA Netw Open*. 2023;6(9):e2335804. Epub 2023/09/26. doi: 10.1001/jamanetworkopen.2023.35804. PubMed PMID: 37751204; PubMed Central PMCID: PMC10523170.

37. **Coppel D**, Barber J, **Temkin NR**, **Mac Donald CL**. Combat Deployed Service Members by Blast TBI and Service Separation Status 5-years Post-deployment: Comparison of Cognitive, Neurobehavioral, and Psychological Profiles of Those Who Left vs. Those Still Serving. *Mil Med*. 2023. Epub 2023/09/27. doi: 10.1093/milmed/usad378. PubMed PMID: 37756615.

38. Nattino G, Gamberini L, Brissy O, Carrara G, **Chesnut R**, Chiarini V, et al. including **Temkin NR**. Comparative Effectiveness of Intracranial Pressure Monitoring on 6-Month Outcomes of Critically Ill Patients With Traumatic Brain Injury. *JAMA Netw Open*. 2023;6(9):e2334214. Epub 2023/09/27. doi: 10.1001/jamanetworkopen.2023.34214. PubMed PMID: 37755832; PubMed Central PMCID: PMC10534270.

39. Rahimzadeh V, Fogarty J, Caulfield T, Auñón-Chancellor S, Borry P, Candia J, et al. including **Williams MA**. Ethically cleared to launch? *Science*. 2023;381(6665):1408-11. Epub 2023/09/28. doi: 10.1126/science.adh9028. PubMed PMID: 37769066.

40. Philipson EB, Machamer J, Dikmen S, **Temkin N**. Traumatic Brain Injuries Impact on School One Month and One Year After Injury. *Neurotrauma Rep*. 2023;4(1):507-14. Epub 2023/09/29. doi: 10.1089/neur.2022.0069. PubMed PMID: 37771425; PubMed Central PMCID: PMC10523406.

2023 Q4 October - December

1. Amin SN, Siu JM, Purcell PL, Manning JP, Wright J, Dahl JP, et al. including **Hauptman JS**, **Lee A**. Preoperative Imaging and Surgical Findings in Pediatric Frontonasal Dermoids. *Laryngoscope*. 2023. Epub 2023/10/01. doi: 10.1002/lary.31079. PubMed PMID: 37776254.

2. Burgraff NJ, Baertsch NA, **Ramirez JM**. A comparative examination of morphine and fentanyl: unravelling the differential impacts on breathing and airway stability. *J Physiol*. 2023;601(20):4625-42. Epub 2023/10/01. doi: 10.1113/jp285163. PubMed PMID: 37778015.

3. Lui A, Park C, Chryssikos T, Radabaugh H, Patel A, Aabedi AA, et al. including **Saigal R**. Safety and comparative efficacy of initiating low-molecular-weight heparin within 24 hours of injury or surgery for venous thromboembolism prophylaxis in patients with spinal cord injury: a prospective TRACK-SCI registry study. *Neurosurg Focus*. 2023;55(4):E17. Epub 2023/10/01. doi: 10.3171/2023.7.Focus23362. PubMed PMID: 37778033.

4. Farivar D, Peterman NJ, Narendran N, Illingworth KD, Nuckols TK, *Bonda D*, et al. Geographic access to pediatric neurosurgeons in the USA: an analysis of sociodemographic factors. *Childs Nerv Syst*. 2023. Epub 2023/10/05. doi: 10.1007/s00381-023-06172-z. PubMed PMID: 37794171.
5. Youngblood MW, Erson-Omay Z, Li C, Najem H, Coşkun S, *Tyrtova E*, et al. Super-enhancer hijacking drives ectopic expression of hedgehog pathway ligands in meningiomas. *Nat Commun*. 2023;14(1):6279. Epub 2023/10/08. doi: 10.1038/s41467-023-41926-y. PubMed PMID: 37805627; PubMed Central PMCID: PMC10560290.
6. Huff A, Karlen-Amarante M, Oliveira LM, **Ramirez JM**. Chronic Intermittent Hypoxia reveals role of the Postinspiratory Complex in swallow pattern generation. *bioRxiv*. 2023. Epub 2023/10/09. doi: 10.1101/2023.09.26.559560. PubMed PMID: 37808787; PubMed Central PMCID: PMC10557756.
7. Zaki P, Barbour A, Zaki MM, Tseng YD, **Amin AG**, Venur V, et al. Emergent radiotherapy for spinal cord compression/impingement—a narrative review. *Ann Palliat Med*. 2023. Epub 2023/10/11. doi: 10.21037/apm-23-342. PubMed PMID: 37817502.
8. Chartrand T, Dalley R, Close J, Goriounova NA, Lee BR, Mann R, et al. including **Ellenbogen RG, Ferreira M, Grannan B, Hauptman JS, Ko A, Ojemann JG, Patel A, Ruzevick J, Silbergeld DL**. Morphoelectric and transcriptomic divergence of the layer 1 interneuron repertoire in human versus mouse neocortex. *Science*. 2023;382(6667):eadf0805. Epub 2023/10/12. doi: 10.1126/science.adf0805. PubMed PMID: 37824667.
9. Johansen N, Somasundaram S, Travaglini KJ, Yanny AM, Shumyatcher M, Casper T, et al. including **Ellenbogen RG, Ferreira M, Ko A, Ojemann JG, Silbergeld D**. Interindividual variation in human cortical cell type abundance and expression. *Science*. 2023;382(6667):eadf2359. Epub 2023/10/12. doi: 10.1126/science.adf2359. PubMed PMID: 37824649.
10. Lee BR, Dalley R, Miller JA, Chartrand T, Close J, Mann R, et al. including **Ellenbogen RG, Ferreira M, Grannan B, Hauptman JS, Ko A, Ojemann JG, Patel A, Ruzevick J, Silbergeld DL**. Signature morphoelectric properties of diverse GABAergic interneurons in the human neocortex. *Science*. 2023;382(6667):eadf6484. Epub 2023/10/12. doi: 10.1126/science.adf6484. PubMed PMID: 37824669.
11. Esterov D, Pradhan S, Driver S, Whyte J, Bell KR, Barber J, **Temkin NR**, Bombardier CH. The temporal relationship between moderate to vigorous physical activity and secondary conditions during the first year after moderate-severe TBI. *Arch Phys Med Rehabil*. 2023. Epub 2023/10/13. doi: 10.1016/j.apmr.2023.10.001. PubMed PMID: 37827487.
12. Sommer C, Calvo M, Cervero F, **Loeser JD**. Future perspectives: the next fifty years of the International Association for the Study of Pain. *Pain*. 2023;164(11s):S43-s6. Epub 2023/10/13. doi: 10.1097/j.pain.0000000000003065. PubMed PMID: 37831960.
13. Shelbourn A, Nuechterlein N, **Parada CA**, Eaton J, Tucker M, **Ferreira M**, et al. Validating MCM2 as a clinically relevant surrogate immunohistochemical marker for an aggressive meningioma molecular subtype. *J Neuropathol Exp Neurol*. 2023. Epub 2023/10/15. doi: 10.1093/jnen/nlad082. PubMed PMID: 37837323.

14. Maxin AJ, Gulek BG, Chae J, Winston G, Weisbeek P, McGrath LB, **Levitt MR**. A smartphone pupillometry tool for detection of acute large vessel occlusion. *J Stroke Cerebrovasc Dis*. 2023;32(12):107430. Epub 2023/10/20. doi: 10.1016/j.jstrokecerebrovasdis.2023.107430. PubMed PMID: 37857150.
15. Ash M, Dimisko L, Chalhoub RM, Howard BM, Cawley CM, Matouk C, et al. including **Levitt MR**. Comprehensive analysis of the impact of procedure time and the 'golden hour' in subpopulations of stroke thrombectomy patients. *J Neurointerv Surg*. 2023. Epub 2023/10/25. doi: 10.1136/jnis-2023-020792. PubMed PMID: 37875342.
16. Kelly KA, Guidry BS, Wong GW, Thomas HC, Girgis M, Shannon CN, et al. The role of traditional social determinants of health in referral patterns, timing of surgery, and Chiari Health Index for Pediatrics-determined quality of life in children with symptomatic Chiari type I malformation. *J Neurosurg Pediatr*. 2023:1-6. Epub 2023/10/25. doi: 10.3171/2023.7.Peds22114. PubMed PMID: 37877946.
17. Orscelik A, Kallmes DF, Bilgin C, Musmar B, Senol YC, Kobeissi H, et al. including Levitt MR. Comparison of balloon guide catheter versus non-balloon guide catheter for mechanical thrombectomy in patients with distal medium vessel occlusion. *J Neurointerv Surg*. 2023. Epub 2023/11/03. doi: 10.1136/jnis-2023-020925. PubMed PMID: 37918906.
18. Chen H, Salem MM, Colasurdo M, Sioutas GS, Khalife J, Kuybu O, et al. including Carroll KT, Ruiz Rodríguez JF, **Levitt MR**. Standalone middle meningeal artery embolization versus middle meningeal artery embolization with concurrent surgical evacuation for chronic subdural hematomas: a multicenter propensity score matched analysis of clinical and radiographic outcomes. *J Neurointerv Surg*. 2023. Epub 2023/11/07. doi: 10.1136/jnis-2023-020907. PubMed PMID: 37932033.
19. Bogetz JF, Natarajan N, Hauer J, **Ramirez JM**. Appreciating the Abilities of Children With Severe Neurologic Impairment. *Hosp Pediatr*. 2023;13(12):e392-e4. Epub 2023/11/10. doi: 10.1542/hpeds.2023-007463. PubMed PMID: 37946661; PubMed Central PMCID: PMC10656431.
20. Leyendecker J, Prasse T, Rahhal AA, **Hofstetter CP**, Wetsch W, Eysel P, et al. Spinal Deformity, Surgery at the Cervicothoracic Junction, and American Society of Anesthesiologists Class Increase the Risk of Post-surgical Intensive Care Unit Treatment after Dorsal Spine Surgery: A Single-Center Multivariate Analysis of 962 Patients. *Asian Spine J*. 2023;17(6):1035-42. Epub 2023/11/10. doi: 10.31616/asj.2023.0093. PubMed PMID: 37946337; PubMed Central PMCID: PMC10764134.
21. **Chesnut R**, **Temkin N**, **Pridgeon J**, Sulzbacher S, Lujan S, Videtta W, et al. Development of a Randomized Trial Comparing ICP-Monitor-Based Management of Severe Pediatric Traumatic Brain Injury to Management Based on Imaging and Clinical Examination Without ICP Monitoring-Research Algorithms. *Neurosurgery*. 2024;94(1):72-9. Epub 2023/11/13. doi: 10.1227/neu.0000000000002760. PubMed PMID: 37955439.
22. Hulse K, Durfy S, Lassiter E, **Ravanpay AC**. Neurosurgery Clerkships in United States Medical Schools: A Survey of Doctor of Medicine-Granting and Doctor of Osteopathic Medicine-Granting Schools. *World Neurosurg*. 2023. Epub 2023/11/13. doi: 10.1016/j.wneu.2023.11.023. PubMed PMID: 37952883.

23. Liu SY, Kelly-Hedrick M, **Temkin N**, Barber J, Komisarow J, Hatfield J, et al. Association of Early Dexmedetomidine Utilization With Clinical and Functional Outcomes Following Moderate-Severe Traumatic Brain Injury: A Transforming Clinical Research and Knowledge in Traumatic Brain Injury Study. *Crit Care Med*. 2023. Epub 2023/11/15. doi: 10.1097/ccm.0000000000006106. PubMed PMID: 37966330.
24. Bove I, Cheok SK, Feng JJ, Briggs RG, **Ruzevick J**, Cote DJ, et al. Clinical Implications of Pituitary Adenomas Exhibiting Dual Transcription Factor Staining: A Case Series of 27 Patients. *World Neurosurg*. 2023. Epub 2023/11/16. doi: 10.1016/j.wneu.2023.11.036. PubMed PMID: 37967742.
25. Dabhi N, Kumar JS, Ironside N, Kellogg RT, Sowlat MM, Uchida K, et al. including **Levitt MR**. Mechanical thrombectomy for the treatment of primary and secondary anterior cerebral artery occlusions: insights from STAR. *J Neurointerv Surg*. 2023. Epub 2023/11/16. doi: 10.1136/jnis-2023-020997. PubMed PMID: 37968114.
26. de Souza NL, Kumar R, Pruyser A, Blunt E, Sanders W, Meyden A, et al. including **Mac Donald CL**. Intimate partner violence and other trauma exposures in females with traumatic brain injury. *J Neurotrauma*. 2023. Epub 2023/11/17. doi: 10.1089/neu.2023.0225. PubMed PMID: 37974411.
27. Melhado C, Russell KW, Acker SN, Padilla BE, Lofberg K, Spurrier RG, et al. including **Buckley R**. Cervical Collar-Associated Pressure Injury in Pediatric Trauma Patients: A Western Pediatric Surgery Research Consortium Study. *J Pediatr Surg*. 2023. Epub 2023/11/30. doi: 10.1016/j.jpedsurg.2023.10.021. PubMed PMID: 38030530.
28. Almallouhi E, Zandpazandi S, Anadani M, Cunningham C, Sowlat MM, Matsukawa H, et al. including **Levitt MR**. Outcomes of mechanical thrombectomy in stroke patients with extreme large infarction core. *J Neurointerv Surg*. 2023. Epub 2023/12/02. doi: 10.1136/jnis-2023-021046. PubMed PMID: 38041671.
29. **Chesnut RM, Temkin N**, Videtta W, Lujan S, Petroni G, **Pridgeon J**, et al. The Roles of Protocols and Protocolization in Improving Outcome From Severe Traumatic Brain Injury. *Neurosurgery*. 2023. Epub 2023/12/05. doi: 10.1227/neu.0000000000002777. PubMed PMID: 38051042.
30. Schiff ND, Giacino JT, Butson CR, Choi EY, Baker JL, O'Sullivan KP, et al. including **Temkin N**. Thalamic deep brain stimulation in traumatic brain injury: a phase 1, randomized feasibility study. *Nat Med*. 2023;29(12):3162-74. Epub 2023/12/05. doi: 10.1038/s41591-023-02638-4. PubMed PMID: 38049620.
31. Hansen D, Shandley S, Olaya J, **Hauptman J**, Auguste K, Ostendorf AP, et al. A multi-center comparison of surgical techniques for corpus Callosotomy in pediatric drug-resistant epilepsy. *Epilepsia*. 2023. Epub 2023/12/08. doi: 10.1111/epi.17853. PubMed PMID: 38062633.
32. Leyendecker J, Benedict B, Gumbs C, Eysel P, Bredow J, Telfeian A, et al. including **Amin A, Hofstetter CP**. Assessing the impact of obesity on full endoscopic spine surgery: surgical site infections, surgery durations, early complications, and short-term functional outcomes. *J Neurosurg Spine*. 2023:1-6. Epub 2023/12/08. doi: 10.3171/2023.10.Spine23936. PubMed PMID: 38064701.

33. Roberts CJ, Barber J, **Temkin NR**, Dong A, Robertson CS, Valadka AB, et al. Clinical Outcomes After Traumatic Brain Injury and Exposure to Extracranial Surgery: A TRACK-TBI Study. *JAMA Surg.* 2023. Epub 2023/12/13. doi: 10.1001/jamasurg.2023.6374. PubMed PMID: 38091011; PubMed Central PMCID: PMC10719833.
34. Sanchez S, Wendt L, Hayakawa M, Chen CJ, Sheehan JP, **Kim LJ**, et al. including **Levitt MR**, Meyer RM. Dural Arteriovenous Fistulas With Cognitive Impairment: Angiographic Characteristics and Treatment Outcomes. *Neurosurgery.* 2023. Epub 2023/12/14. doi: 10.1227/neu.0000000000002802. PubMed PMID: 38095434.
35. Orselik A, Matsukawa H, Elawady SS, Sowlat MM, Cunningham C, Zandpazandi S, et al. including **Levitt MR**. Comparative Outcomes of Mechanical Thrombectomy in Acute Ischemic Stroke Patients with ASPECTS 2-3 vs. 4-5. *J Stroke Cerebrovasc Dis.* 2023;33(2):107528. Epub 2023/12/22. doi: 10.1016/j.jstrokecerebrovasdis.2023.107528. PubMed PMID: 38134550.
36. Bhagavan H, Burgraff NJ, **Ramirez JM**. Temporal Dynamics and Therapeutic Implications of Phrenic Long-Term Facilitation in Respiratory Control. *Function (Oxf).* 2024;5(1):zqad068. Epub 2023/12/25. doi: 10.1093/function/zqad068. PubMed PMID: 38143850; PubMed Central PMCID: PMC10742368.
37. Bryant AM, Rose NB, **Temkin NR**, Barber JK, Manley GT, McCrea MA, et al. Profiles of Cognitive Functioning at 6 Months After Traumatic Brain Injury Among Patients in Level I Trauma Centers: A TRACK-TBI Study. *JAMA Netw Open.* 2023;6(12):e2349118. Epub 2023/12/26. doi: 10.1001/jamanetworkopen.2023.49118. PubMed PMID: 38147333; PubMed Central PMCID: PMC10751593.
38. Woods CB, Predoi B, Howe M, Reczek CR, Kayser EB, **Ramirez JM**, et al. Potassium Leak Channels and Mitochondrial Complex I interact in glutamatergic interneurons of the Mouse Spinal Cord. *Anesthesiology.* 2023. Epub 2023/12/26. doi: 10.1097/aln.0000000000004891. PubMed PMID: 38147628.
39. **Fillingham P**, Belur N, Sweem R, Barbour MC, Marsh LMM, Aliseda A, **Levitt MR**. Standardized viscosity as a source of error in computational fluid dynamic simulations of cerebral aneurysms. *Med Phys.* 2023. Epub 2023/12/27. doi: 10.1002/mp.16926. PubMed PMID: 38150511.

BOOK CHAPTERS

Barros G, Nistal DA, Carroll KT, Meyer RM, **Kim LJ**. Seizures and AVM. In: *Intracranial Arteriovenous Malformations, 1E. Essentials for Patients and Practitioners.* Steig P, Khalessi A, Apuzzo M. (Eds). Elsevier; 2023. Chapter 9.

Sen RD, Shenoy V, **Kim LJ**, **Sekhar LN**. Corpus Callosal and Peri-ventricular Arteriovenous Malformations In: *Intracranial Arteriovenous Malformations, 1E. Essentials for Patients and Practitioners.* Steig P, Khalessi A, Apuzzo M. (Eds). Elsevier; 2023. Chapter 33.

Barros G, Osbun JW, Kim LJ, Levitt MR. Thromboembolic Complications While Coiling. In: Gonzalez FL, Park MS, Harrigan MR, eds. Neurointerventional Techniques: Tricks of the Trade, 2nd Edition. New York, NY: Thieme; 2023. In press.

Levitt MR, Francis CE, Williams MA. Venous Sinus Stenting for Idiopathic Intracranial Hypertension. In: Gonzalez FL, Park MS, Harrigan MR, eds. Neurointerventional Techniques: Tricks of the Trade, 2nd Edition. New York, NY: Thieme; 2023. In press.