

West Virginia University

Department of Neurosurgery, [West Virginia University, Morgantown.](#)

<https://medicine.hsc.wvu.edu/neurosurgery/>

Peter E Konrad

Mirkiani S, Roszko DA, O'Sullivan C, Faridi P, Hu DS, Fang D, Everaert DG, Toossi A, Konrad PE, Robinson K, Mushahwar VK. Overground gait [kinematics](#) and [muscle](#) activation patterns in the Yucatan mini pig. *J Neural Eng.* 2022 Feb 16. doi: 10.1088/1741-2552/ac55ac. Epub ahead of print. PMID: 35172283.

Hou BL, Wen S, Katsevman GA, Liu H, Urhie O, Turner RC, Carpenter J, Bhatia S. [MRI Parameters](#) and Their [Impact](#) on the [Survival of Patients](#) with [Glioblastoma](#): Tumor [Perfusion Predicts Survival](#). *World Neurosurg.* 2018 Dec 26. pii: S1878-8750(18)32908-5. doi: 10.1016/j.wneu.2018.12.085. [Epub ahead of print] PubMed PMID: 30593971.

2: Rehman AA, Turner RC, Wright S, Boo S, Rai AT. An autopsy report of basilar artery aneurysm flow diversion complicated by postoperative day 3 hemorrhage from vessel rupture. *BMJ Case Rep.* 2018 Dec 19;11(1). pii: e014511. doi: 10.1136/bcr-2018-014511. PubMed PMID: 30573531.

3: Sedney CL, Khan U, Dekeseredy P. Traumatic spinal cord injury in West Virginia: Disparities by insurance and discharge disposition from an acute care hospital. *J Spinal Cord Med.* 2018 Dec 3:1-5. doi: 10.1080/10790268.2018.1544878. [Epub ahead of print] PubMed PMID: 30508405.

4: Hernandez A, Tan C, Plattner F, Logsdon AF, Pozo K, Yousuf MA, Singh T, Turner RC, Luke-Wold BP, Huber JD, Rosen CL, Bibb JA. Exposure to mild blast forces induces neuropathological effects, neurophysiological deficits and biochemical changes. *Mol Brain.* 2018 Nov 9;11(1):64. doi: 10.1186/s13041-018-0408-1. PubMed PMID: 30409147; PubMed Central PMCID: PMC6225689.

5: Alawieh A, Starke RM, Chatterjee AR, Turk A, De Leacy R, Rai AT, Fargen K, Kan P, Singh J, Vilella L, Nascimento FA, Dumont TM, McCarthy D, Spiotta AM. Outcomes of endovascular thrombectomy in the elderly: a 'real-world' multicenter study. *J Neurointerv Surg.* 2018 Nov 2. pii: neurintsurg-2018-014289. doi: 10.1136/neurintsurg-2018-014289. [Epub ahead of print] PubMed PMID: 30389899.

6: Chelliah MP, Do HM, Zinn Z, Patel V, Jeng M, Khosla RK, Truong MT, Marqueling A, Teng JMC. Management of Complex Arteriovenous Malformations Using a Novel Combination Therapeutic Algorithm. *JAMA Dermatol.* 2018 Nov 1;154(11):1316-1319. doi: 10.1001/jamadermatol.2018.3039. PubMed PMID: 30326494; PubMed Central PMCID: PMC6248124.

7: Giacobbi P Jr, Cushing P, Popa A, Haggerty T, Hansell A, Sedney C. Mobile Health (mHealth) Use or Non-Use by Residents of West Virginia. *South Med J.* 2018 Oct;111(10):625-627. doi:

10.14423/SMJ.0000000000000879. PubMed PMID: 30285270.

8: Iliadou VV, Chermak GD, Bamiou DE, Rawool VW, Ptok M, Purdy S, Jutras B, Moncrieff D, Stokkereit Mattsson T, Ferre JM, Fox C, Grech H, Geffner D, Hedjever M, Bellis TJ, Nimatoudis I, Eleftheriadis N, Pedersen ER, Weihing J, Guillory L, Madell JR, Hurley A, Whitelaw GM, Schochat E, Spyridakou C, Sidiras C, Thai-Van H, Kostopoulou A, Veuillet E, Keith B, Mountjoy A, Koohi N, Sirimanna T, Lau C, Cone B, Kiese-Himmel C, Abramson M, Raghunathrao R, Musiek FE. Letter to the Editor: An Affront to Scientific Inquiry Re: Moore, D. R. (2018) Editorial: Auditory Processing Disorder, Ear Hear, 39, 617-620. Ear Hear. 2018 Nov/Dec;39(6):1236-1242. doi: 10.1097/AUD.0000000000000644. PubMed PMID: 30106770.

9: Vargo JA, Sparks KM, Singh R, Jacobson GM, Hack JD, Cifarelli CP. Feasibility of dose escalation using intraoperative radiotherapy following resection of large brain metastases compared to post-operative stereotactic radiosurgery. J Neurooncol. 2018 Nov;140(2):413-420. doi: 10.1007/s11060-018-2968-4. Epub 2018 Aug 9. PubMed PMID: 30094718.

10: Nwafor D, Radwan W, Lucke-Wold B, Underwood W, Gyure K, Marsh R. Follicular lymphoma presenting as scalp mass deformity: Case Report and Review of the literature. Biomed Res Clin Pract. 2018;3(1). doi: 10.15761/BRCP.1000155. Epub 2018 Feb 24. PubMed PMID: 30057944; PubMed Central PMCID: PMC6059655.

11: Zaidat OO, Castonguay AC, Gupta R, Sun CJ, Martin C, Holloway WE, Mueller-Kronast N, English JD, Linfante I, Dabus G, Malisch TW, Marden FA, Bozorgchami H, Xavier A, Rai AT, Froehler MT, Badruddin A, Nguyen TN, Taqi MA, Abraham MG, Janardhan V, Shaltoni H, Novakovic R, Yoo AJ, Abou-Chebl A, Chen PR, Britz GW, Kaushal R, Nanda A, Issa MA, Nogueira RG. North American Solitaire Stent Retriever Acute Stroke registry: post-marketing revascularization and clinical outcome results. J Neurointerv Surg. 2018 Jul;10(Suppl 1):i45-i49. doi: 10.1136/neurintsurg-2013-010895.rep. PubMed PMID: 30037956.

12: Nater A, Tetreault LA, Kopjar B, Arnold PM, Dekutoski MB, Finkelstein JA, Fisher CG, France JC, Gokaslan ZL, Rhines LD, Rose PS, Sahgal A, Schuster JM, Vaccaro AR, Fehlings MG. Predictive factors of survival in a surgical series of metastatic epidural spinal cord compression and complete external validation of 8 multivariate models of survival in a prospective North American multicenter study. Cancer. 2018 Sep 1;124(17):3536-3550. doi: 10.1002/cncr.31585. Epub 2018 Jul 5. PubMed PMID: 29975401.

13: Mansouri A, Ku JC, Khu KJ, Mahmud MR, Sedney C, Ammar A, Godoy BL, Abbasian A, Bernstein M. Exploratory Analysis into Reasonable Timeframes for the Provision of Neurosurgical Care in Low- and Middle-Income Countries. World Neurosurg. 2018 Sep;117:e679-e691. doi: 10.1016/j.wneu.2018.06.111. Epub 2018 Jun 26. PubMed PMID: 29959079.

14: Sizemore G, Lucke-Wold B, Rosen C, Simpkins JW, Bhatia S, Sun D. Temporal Lobe Epilepsy, Stroke, and Traumatic Brain Injury: Mechanisms of Hyperpolarized, Depolarized, and Flow-Through Ion Channels Utilized as Tri-Coordinate Biomarkers of Electrophysiologic Dysfunction. OBM Neurobiol. 2018;2(2). pii: 009. doi: 10.21926/obm.neurobiol.1802009. Epub 2018 Jun 4. PubMed PMID: 29951646; PubMed Central PMCID: PMC6018002.

15: Turner RC, Lucke-Wold BP, Boo S, Rosen CL, Sedney CL. The potential dangers of neck manipulation & risk for dissection and devastating stroke: An illustrative case & review of the literature. Biomed Res Rev. 2018;2(1). doi: 10.15761/BRR.1000110. Epub 2018 Mar 25. PubMed PMID: 29951644; PubMed Central PMCID: PMC6016850.

- 16: Wang S, Mamelak AN, Adolphs R, Rutishauser U. Encoding of Target Detection during Visual Search by Single Neurons in the Human Brain. *Curr Biol*. 2018 Jul 9;28(13):2058-2069.e4. doi: 10.1016/j.cub.2018.04.092. Epub 2018 Jun 18. PubMed PMID: 29910078.
- 17: Wold BL, Nolan R, Nwafor D, Nguyen L, Cheyuo C, Turner R, Rosen C, Marsh R. Post-Traumatic Stress Disorder Delineating the Progression and Underlying Mechanisms Following Blast Traumatic Brain Injury. *J Neurosci Neuropharmacol*. 2018;4(1). pii: 118. Epub 2018 Mar 2. PubMed PMID: 29888766; PubMed Central PMCID: PMC5993449.
- 18: Cheyuo C, Singh R, Lucke-Wold B, Serrano C. Growing Skull Fracture: Case Report after Rottweiler Bite and Review of the Literature. *J Neurol Neurophysiol*. 2018;9(2). pii: 461. doi: 10.4172/2155-9562.1000461. Epub 2018 Apr 10. PubMed PMID: 29888100; PubMed Central PMCID: PMC5993435.
- 19: Hu B, Kim C, Ning X, Xu X. Using a deep learning network to recognise low back pain in static standing. *Ergonomics*. 2018 Jul 3:1-9. doi: 10.1080/00140139.2018.1481230. [Epub ahead of print] PubMed PMID: 29792576.
- 20: Hylin MJ, Holden RC, Smith AC, Logsdon AF, Qaiser R, Lucke-Wold BP. Juvenile Traumatic Brain Injury Results in Cognitive Deficits Associated with Impaired Endoplasmic Reticulum Stress and Early Tauopathy. *Dev Neurosci*. 2018;40(2):175-188. doi: 10.1159/000488343. Epub 2018 May 22. PubMed PMID: 29788004.
- 21: From the American Association of Neurological Surgeons (AANS), American Society of Neuroradiology (ASNR), Cardiovascular and Interventional Radiology Society of Europe (CIRSE), Canadian Interventional Radiology Association (CIRA), Congress of Neurological Surgeons (CNS), European Society of Minimally Invasive Neurological Therapy (ESMINT), European Society of Neuroradiology (ESNR), European Stroke Organization (ESO), Society for Cardiovascular Angiography and Interventions (SCAI), Society of Interventional Radiology (SIR), Society of NeuroInterventional Surgery (SNIS), and World Stroke Organization (WSO), Sacks D, Baxter B, Campbell BCV, Carpenter JS, Cognard C, Dippel D, Eesa M, Fischer U, Hausegger K, Hirsch JA, Shazam Hussain M, Jansen O, Jayaraman MV, Khalessi AA, Kluck BW, Lavine S, Meyers PM, Ramee S, Rüfenacht DA, Schirmer CM, Vorwerk D. Multisociety Consensus Quality Improvement Revised Consensus Statement for Endovascular Therapy of Acute Ischemic Stroke. *Int J Stroke*. 2018 Aug;13(6):612-632. doi: 10.1177/1747493018778713. Epub 2018 May 22. PubMed PMID: 29786478.
- 22: Rai AT, Tarabishy AR, Boo S, Carpenter JS, Bhattia S. The 'bendy' basilar: progressive aneurysm tilting and arterial deformation can be a delayed outcome after coiling of large basilar apex aneurysms. *J Neurointerv Surg*. 2019 Jan;11(1):37-42. doi: 10.1136/neurintsurg-2018-013940. Epub 2018 May 17. PubMed PMID: 29773714.
- 23: From the American Association of Neurological Surgeons (AANS), American Society of Neuroradiology (ASNR), Cardiovascular and Interventional Radiology Society of Europe (CIRSE), Canadian Interventional Radiology Association (CIRA), Congress of Neurological Surgeons (CNS), European Society of Minimally Invasive Neurological Therapy (ESMINT), European Society of Neuroradiology (ESNR), European Stroke Organization (ESO), Society for Cardiovascular Angiography and Interventions (SCAI), Society of Interventional Radiology (SIR), Society of NeuroInterventional Surgery (SNIS), and World Stroke Organization (WSO), Sacks D, Baxter B, Campbell BCV, Carpenter JS, Cognard C, Dippel D, Eesa M, Fischer U, Hausegger K, Hirsch JA, Hussain MS, Jansen O, Jayaraman MV, Khalessi AA, Kluck BW, Lavine S, Meyers PM, Ramee S, Rüfenacht DA, Schirmer CM, Vorwerk D. Multisociety Consensus Quality Improvement Revised Consensus Statement for Endovascular Therapy of Acute Ischemic Stroke. *AJNR Am J Neuroradiol*. 2018 Jun;39(6):E61-E76. doi: 10.3174/ajnr.A5638.

Epub 2018 May 17. PubMed PMID: 29773566.

24: Ding D, Mehta GU, Patibandla MR, Lee CC, Liscak R, Kano H, Pai FY, Kosak M, Sisterson ND, Martinez-Alvarez R, Martinez-Moreno N, Mathieu D, Grills IS, Blas K, Lee K, Cifarelli CP, Katsevman GA, Lee JYK, McShane B, Kondziolka D, Lunsford LD, Vance ML, Sheehan JP. Stereotactic Radiosurgery for Acromegaly: An International Multicenter Retrospective Cohort Study. *Neurosurgery*. 2018 May 10. doi: 10.1093/neuros/nyy178. [Epub ahead of print] PubMed PMID: 29757421.

25: Zwayed ARH, Lucke-Wold B. Conservative management of extradural hematoma: A report of sixty-two cases. *Neurol Clin Neurosci*. 2018 Jun;2(2):5-9. Epub 2018 Apr 30. PubMed PMID: 29736238; PubMed Central PMCID: PMC5935493.

26: Wilson JR, Radcliff K, Schroeder G, Booth M, Lucasti C, Fehlings M, Ahmad N, Vaccaro A, Arnold P, Sciubba D, Ching A, Smith J, Shaffrey C, Singh K, Darden B, Daffner S, Cheng I, Ghogawala Z, Ludwig S, Buchowski J, Brodke D, Wang J, Lehman RA, Hilibrand A, Yoon T, Grauer J, Dailey A, Steinmetz M, Harrop JS. Frequency and Acceptability of Adverse Events After Anterior Cervical Discectomy and Fusion: A Survey Study From the Cervical Spine Research Society. *Clin Spine Surg*. 2018 Jun;31(5):E270-E277. doi: 10.1097/BSD.0000000000000645. PubMed PMID: 29708891.

27: Urhie O, Turner R, Lucke-Wold B, Radwan W, Ahn J, Gyure K, Bhatia S. Glioblastoma Survival Outcomes at a Tertiary Hospital in Appalachia: Factors Impacting the Survival of Patients Following Implementation of the Stupp Protocol. *World Neurosurg*. 2018 Jul;115:e59-e66. doi: 10.1016/j.wneu.2018.03.163. Epub 2018 Apr 6. PubMed PMID: 29631083; PubMed Central PMCID: PMC6026477.

28: Taqi MA, Quadri SA, Puri AS, Fitzsimmons BF, Jin JN, Rai AT, Given CA 2nd, Masso J, Powers CJ, English JD, Zaidat OO. A Prospective Multicenter Trial of the TransForm Occlusion Balloon Catheter: Trial Design and Results. *Interv Neurol*. 2018 Feb;7(1-2):53-64. doi: 10.1159/000481518. Epub 2017 Nov 15. PubMed PMID: 29628946; PubMed Central PMCID: PMC5881141.

29: Malisch TW, Zaidat OO, Castonguay AC, Marden FA, Gupta R, Sun CJ, Martin CO, Holloway WE, Mueller-Kronast N, English J, Linfante I, Dabus G, Bozorgchami H, Xavier A, Rai AT, Froehler M, Badruddin A, Nguyen TN, Taqi MA, Abraham MG, Janardhan V, Shaltoni H, Novakovic R, Yoo AJ, Abou-Chebl A, Chen PR, Britz GW, Kaushal R, Nanda A, Nogueira RG. Clinical and Angiographic Outcomes with the Combined Local Aspiration and Retriever in the North American Solitaire Stent-Retriever Acute Stroke (NASA) Registry. *Interv Neurol*. 2018 Feb;7(1-2):26-35. doi: 10.1159/000480353. Epub 2017 Oct 11. PubMed PMID: 29628942; PubMed Central PMCID: PMC5881148.

30: Cardarelli R, Elder W, Weatherford S, Roper KL, King D, Workman C, Stewart K, Kim C, Betz W. An examination of the perceived impact of a continuing interprofessional education experience on opiate prescribing practices. *J Interprof Care*. 2018 Sep;32(5):556-565. doi: 10.1080/13561820.2018.1452725. Epub 2018 Mar 30. PubMed PMID: 29601219; PubMed Central PMCID: PMC6165705.

31: Abel TJ, Holland MT, Walch T, Howard MA 3rd. John C. Vangilder (1935-2007): Neurosurgical Leader and Founder of the Department of Neurosurgery at the University of Iowa. *World Neurosurg*. 2018 Jun;114:259-263. doi: 10.1016/j.wneu.2018.03.068. Epub 2018 Mar 26. Review. PubMed PMID: 29588237.

32: Malchenko S, Sredni ST, Boyineni J, Bi Y, Margaryan NV, Guda MR, Kostenko Y, Tomita T, Davuluri RV, Velpula K, Hendrix MJC, Soares MB. Characterization of brain tumor initiating cells isolated from an animal model of CNS primitive neuroectodermal tumors. *Oncotarget*. 2018 Feb 9;9(17):13733-13747.

doi: 10.18632/oncotarget.24460. eCollection 2018 Mar 2. PubMed PMID: 29568390; PubMed Central PMCID: PMC5862611.

33: Sacks D, Baxter B, Campbell BCV, Carpenter JS, Cognard C, Dippel D, Eesa M, Fischer U, Hausegger K, Hirsch JA, Hussain MS, Jansen O, Jayaraman MV, Khalessi AA, Kluck BW, Lavine S, Meyers PM, Ramee S, Rüfenacht DA, Schirmer CM, Vorwerk D. Multisociety Consensus Quality Improvement Revised Consensus Statement for Endovascular Therapy of Acute Ischemic Stroke: From the American Association of Neurological Surgeons (AANS), American Society of Neuroradiology (ASNR), Cardiovascular and Interventional Radiology Society of Europe (CIRSE), Canadian Interventional Radiology Association (CIRA), Congress of Neurological Surgeons (CNS), European Society of Minimally Invasive Neurological Therapy (ESMINT), European Society of Neuroradiology (ESNR), European Stroke Organization (ESO), Society for Cardiovascular Angiography and Interventions (SCAI), Society of Interventional Radiology (SIR), Society of NeuroInterventional Surgery (SNIS), and World Stroke Organization (WSO). *J Vasc Interv Radiol.* 2018 Apr;29(4):441-453. doi: 10.1016/j.jvir.2017.11.026. Epub 2018 Mar 1. PubMed PMID: 29478797.

34: Zaidat OO, Castonguay AC, Linfante I, Gupta R, Martin CO, Holloway WE, Mueller-Kronast N, English JD, Dabus G, Malisch TW, Marden FA, Bozorgchami H, Xavier A, Rai AT, Froehler MT, Badruddin A, Nguyen TN, Taqi MA, Abraham MG, Yoo AJ, Janardhan V, Shaltoni H, Novakovic R, Abou-Chebl A, Chen PR, Britz GW, Sun CJ, Bansal V, Kaushal R, Nanda A, Nogueira RG. First Pass Effect: A New Measure for Stroke Thrombectomy Devices. *Stroke.* 2018 Mar;49(3):660-666. doi: 10.1161/STROKEAHA.117.020315. Epub 2018 Feb 19. PubMed PMID: 29459390.

35: Brandmeir NJ, Brandmeir CL, Carr D, Kuzma K, McInerney J. Deep Brain Stimulation for Parkinson's disease Does not Worsen or Improve Postural Instability: A Prospective Cohort Trial. *Neurosurgery.* 2018 Dec 1;83(6):1173-1182. doi: 10.1093/neuros/nyx602. PubMed PMID: 29444300.

36: Zdilla MJ, Koons AW, Russell ML, Mangus KR, Bliss KN. The Infraorbital Foramen Is Located Midway Between the Nasospinale and Jugale: Considerations for Infraorbital Nerve Block and Maxillofacial Surgery. *J Craniofac Surg.* 2018 Mar;29(2):523-527. doi: 10.1097/SCS.0000000000004186. PubMed PMID: 29381630; PubMed Central PMCID: PMC5839919.

37: Gao F, Lucke-Wold BP, Li X, Logsdon AF, Xu LC, Xu S, LaPenna KB, Wang H, Talukder MAH, Siedlecki CA, Huber JD, Rosen CL, He P. Reduction of Endothelial Nitric Oxide Increases the Adhesiveness of Constitutive Endothelial Membrane ICAM-1 through Src-Mediated Phosphorylation. *Front Physiol.* 2018 Jan 10;8:1124. doi: 10.3389/fphys.2017.01124. eCollection 2017. PubMed PMID: 29367846; PubMed Central PMCID: PMC5768177.

38: Lucke-Wold B, Seidel K, Udo R, Omalu B, Ornstein M, Nolan R, Rosen C, Ross J. Role of Tau Acetylation in Alzheimer's Disease and Chronic Traumatic Encephalopathy: The Way Forward for Successful Treatment. *J Neurol Neurosurg.* 2017;4(2). pii: 140. Epub 2017 Dec 7. PubMed PMID: 29276758; PubMed Central PMCID: PMC5738035.

39: Campbell BCV, van Zwam WH, Goyal M, Menon BK, Dippel DWJ, Demchuk AM, Bracard S, White P, Dávalos A, Majoie CBLM, van der Lugt A, Ford GA, de la Ossa NP, Kelly M, Bourcier R, Donnan GA, Roos YBWEM, Bang OY, Nogueira RG, Devlin TG, van den Berg LA, Clarençon F, Burns P, Carpenter J, Berkhemer OA, Yavagal DR, Pereira VM, Ducrocq X, Dixit A, Quesada H, Epstein J, Davis SM, Jansen O, Rubiera M, Urrea X, Micard E, Lingsma HF, Naggar O, Brown S, Guillemin F, Muir KW, van Oostenbrugge RJ, Saver JL, Jovin TG, Hill MD, Mitchell PJ; HERMES collaborators. Effect of general anaesthesia on functional outcome in patients with anterior circulation ischaemic stroke having endovascular thrombectomy versus standard care: a meta-analysis of individual patient data. *Lancet Neurol.* 2018 Jan;17(1):47-53. doi: 10.1016/S1474-4422(17)30407-6. Epub 2017 Dec 16. PubMed

PMID: 29263006.

40: Ciporen J, Gillham H, Noles M, Dillman D, Baskerville M, Haley C, Spight D, Turner RC, Lucke-Wold BP. Crisis Management Simulation: Establishing a Dual Neurosurgery and Anesthesia Training Experience. *J Neurosurg Anesthesiol*. 2018 Jan;30(1):65-70. doi: 10.1097/ANA.0000000000000401. PubMed PMID: 29219894.

41: Lucke-Wold B, Avula R, Shah N, Borah G, Shrader C. IV Infiltration and Latex Allergy in an Infant: Early Recognition is Key to Prevent Lasting Disability. *Clin Pediatr Dermatol*. 2017;3(1). pii: 7. doi: 10.21767/2472-0143.100028. Epub 2017 Sep 6. PubMed PMID: 29170761; PubMed Central PMCID: PMC5697754.

42: Rosen DA, Broadman LM. Ring Block of the Penis: A Proven Addition to Multimodal Pain Relief for Newborn Circumcision. *Pediatrics*. 2017 Dec;140(6). pii: e20172678. doi: 10.1542/peds.2017-2678. Epub 2017 Nov 17. PubMed PMID: 29150460.

43: Pomeraniec IJ, Kano H, Xu Z, Nguyen B, Siddiqui ZA, Silva D, Sharma M, Radwan H, Cohen JA, Dallapiazza RF, Iorio-Morin C, Wolf A, Jane JA Jr, Grills IS, Mathieu D, Kondziolka D, Lee CC, Wu CC, Cifarelli CP, Chytka T, Barnett GH, Lunsford LD, Sheehan JP. Early versus late Gamma Knife radiosurgery following transsphenoidal surgery for nonfunctioning pituitary macroadenomas: a multicenter matched-cohort study. *J Neurosurg*. 2018 Sep;129(3):648-657. doi: 10.3171/2017.5.JNS163069. Epub 2017 Oct 27. PubMed PMID: 29076785; PubMed Central PMCID: PMC5924422.

44: Albayram O, Kondo A, Mannix R, Smith C, Tsai CY, Li C, Herbert MK, Qiu J, Monuteaux M, Driver J, Yan S, Gormley W, Puccio AM, Okonkwo DO, Lucke-Wold B, Bailes J, Meehan W, Zeidel M, Lu KP, Zhou XZ. Cis P-tau is induced in clinical and preclinical brain injury and contributes to post-injury sequelae. *Nat Commun*. 2017 Oct 17;8(1):1000. doi: 10.1038/s41467-017-01068-4. PubMed PMID: 29042562; PubMed Central PMCID: PMC5645414.

45: Ghali MGZ, Srinivasan VM, Cherian J, Kim L, Siddiqui A, Aziz-Sultan MA, Froehler M, Wakhloo A, Sauvageau E, Rai A, Chen SR, Johnson J, Lam SK, Kan P. Pediatric Intracranial Aneurysms: Considerations and Recommendations for Follow-Up Imaging. *World Neurosurg*. 2018 Jan;109:418-431. doi: 10.1016/j.wneu.2017.09.150. Epub 2017 Oct 3. Review. PubMed PMID: 28986225.

46: Agoston D, Arun P, Bellgowan P, Broglio S, Cantu R, Cook D, da Silva UO, Dickstein D, Elder G, Fudge E, Gandy S, Gill J, Glenn JF, Gupta RK, Hinds S, Hoffman S, Lattimore T, Lin A, Lu KP, Maroon J, Okonkwo D, Perl D, Robinson M, Rosen C, Smith D. Military Blast Injury and Chronic Neurodegeneration: Research Presentations from the 2015 International State-of-the-Science Meeting. *J Neurotrauma*. 2017 Sep;34(S1):S6-S17. doi: 10.1089/neu.2017.5220. PubMed PMID: 28937955; PubMed Central PMCID: PMC5695753.

47: Strong MJ, West GA, Woo H, Couture DE, Wilson JA, Munoz LF, Rosen CL, Greenlee JD, van Loveren HR, Iantosca M, Baird CJ, Smith M, McGirt M, Parish J, Asher AL. A Pivotal Randomized Clinical Trial Evaluating the Safety and Effectiveness of a Novel Hydrogel Dural Sealant as an Adjunct to Dural Repair. *Oper Neurosurg (Hagerstown)*. 2017 Apr 1;13(2):204-212. doi: 10.1093/ons/opw004. PubMed PMID: 28927211.

48: Xiang J, Varble N, Davies JM, Rai AT, Kono K, Sugiyama SI, Binning MJ, Tawk RG, Choi H, Ringer AJ, Snyder KV, Levy EI, Hopkins LN, Siddiqui AH, Meng H. Initial Clinical Experience with AView-A Clinical Computational Platform for Intracranial Aneurysm Morphology, Hemodynamics, and Treatment

- Management. *World Neurosurg.* 2017 Dec;108:534-542. doi: 10.1016/j.wneu.2017.09.030. Epub 2017 Sep 15. PubMed PMID: 28919570; PubMed Central PMCID: PMC5705258.
- 49: Cohen-Inbar O, Xu Z, Lee CC, Wu CC, Chytka T, Silva D, Sharma M, Radwan H, Grills IS, Nguyen B, Siddiqui Z, Mathieu D, Iorio-Morin C, Wolf A, Cifarelli CP, Cifarelli DT, Lunsford LD, Kondziolka D, Sheehan JP. Prognostic significance of corticotroph staining in radiosurgery for Non-Functioning Pituitary Neuroendocrine Tumors: a multicenter study. *J Neurooncol.* 2017 Oct;135(1):67-74. doi: 10.1007/s11060-017-2520-y. Epub 2017 Sep 14. PubMed PMID: 28913674; PubMed Central PMCID: PMC5817983.
- 50: Brandmeir NJ, Sather M. Author response to: Stereotactic accuracy must be as high as possible in stereoelectroencephalography procedures. *J Robot Surg.* 2018 Jun;12(2):387-388. doi: 10.1007/s11701-017-0747-4. Epub 2017 Aug 31. PubMed PMID: 28861840.
- 51: Sedney CL, Spirou E, Voelker JL, Rosen CL. More Learning in Less Time: Optimizing the Resident Educational Experience with Limited Clinical and Educational Work Hours. *World Neurosurg.* 2017 Nov;107:881-887. doi: 10.1016/j.wneu.2017.08.082. Epub 2017 Aug 24. PubMed PMID: 28843764.
- 52: Singh R, Turner RC, Nguyen L, Motwani K, Swatek M, Lucke-Wold BP, Qaiser R. Corrigendum to "Pediatric Traumatic Brain Injury and Autism: Elucidating Shared Mechanisms". *Behav Neurol.* 2017;2017:5652160. doi: 10.1155/2017/5652160. Epub 2017 Jul 16. PubMed PMID: 28790797; PubMed Central PMCID: PMC5534305.
- 53: McNeil DW, Kennedy SG, Randall CL, Addicks SH, Wright CD, Hursey KG, Vaglienti R. Fear of Pain Questionnaire-9: Brief assessment of pain-related fear and anxiety. *Eur J Pain.* 2018 Jan;22(1):39-48. doi: 10.1002/ejp.1074. Epub 2017 Jul 31. PubMed PMID: 28758306; PubMed Central PMCID: PMC5730485.
- 54: Logsdon AF, Lucke-Wold BP, Turner RC, Li X, Adkins CE, Mohammad AS, Huber JD, Rosen CL, Lockman PR. A mouse Model of Focal Vascular Injury Induces Astrocyte Reactivity, Tau Oligomers, and Aberrant Behavior. *Arch Neurosci.* 2017 Apr;4(2). pii: e44254. Epub 2017 Apr 30. PubMed PMID: 28758136; PubMed Central PMCID: PMC5529099.
- 55: Wilson TA, Leslie-Mazwi T, Hirsch JA, Frey C, Kim TE, Spiotta AM, Leacy R, Mocco J, Albuquerque FC, Ducruet AF, Cheema A, Arthur A, Srinivasan VM, Kan P, Mokin M, Dumont T, Rai A, Singh J, Wolfe SQ, Fargen KM. A multicenter study evaluating the frequency and time requirement of mechanical thrombectomy. *J Neurointerv Surg.* 2018 Mar;10(3):235-239. doi: 10.1136/neurintsurg-2017-013147. Epub 2017 Jun 9. PubMed PMID: 28600482.
- 56: Masi AT, Rehman AA, Jorgenson LC, Aldag JC. Preclinical biomarker associations with both incident rheumatoid arthritis and its subsequent mortality: sex effects in a 41-year, community-based, case-control cohort study. *Clin Exp Rheumatol.* 2017 Nov-Dec;35(6):966-974. Epub 2017 Jun 5. PubMed PMID: 28598779.
- 57: Ciporen JN, Lucke-Wold B, Dogan A, Cetas J, Cameron W. Endoscopic Endonasal Transclival Approach versus Dual Transorbital Port Technique for Clip Application to the Posterior Circulation: A Cadaveric Anatomical and Cerebral Circulation Simulation Study. *J Neurol Surg B Skull Base.* 2017 Jun;78(3):235-244. doi: 10.1055/s-0036-1597278. Epub 2016 Dec 22. PubMed PMID: 28593110; PubMed Central PMCID: PMC5461166.
- 58: Marsh R, Nichols C, Payne M. Novel case of resolution of hypsarrhythmia following tuber resection in a patient with infantile spasms and tuberous sclerosis. *Clin Case Rep.* 2017 Apr 19;5(6):859-862. doi: 10.1002/ccr3.780. eCollection 2017 Jun. PubMed PMID: 28588826; PubMed Central PMCID:

PMC5458003.

59: Lucke-Wold B 3rd, Bonasso PC, Turner R, Cassim R. Adenocarcinoma of the Cecum with Rare Splenic metastases. *W V Med J.* 2017 Jan-Feb;113(1):32-34. PubMed PMID: 28579648; PubMed Central PMCID: PMC5453505.

60: Cheyuo C, Radwan W, Ahn J, Gyure K, Qaiser R, Tomboc P. Biallelic PMS2 Mutation and Heterozygous DICER1 Mutation Presenting as Constitutional Mismatch Repair Deficiency With Corpus Callosum Agenesis: Case Report and Review of Literature. *J Pediatr Hematol Oncol.* 2017 Oct;39(7):e381-e387. doi: 10.1097/MPH.0000000000000863. PubMed PMID: 28562508.

61: Chi A, Chen H, Wen S, Yan H, Liao Z. Comparison of particle beam therapy and stereotactic body radiotherapy for early stage non-small cell lung cancer: A systematic review and hypothesis-generating meta-analysis. *Radiother Oncol.* 2017 Jun;123(3):346-354. doi: 10.1016/j.radonc.2017.05.007. Epub 2017 May 22. Review. PubMed PMID: 28545956; PubMed Central PMCID: PMC5568119.

62: Hwang RS, Turner RC, Radwan W, Singh R, Lucke-Wold B, Tarabishy A, Bhatia S. Relationship of the sinus anatomy to surface landmarks is a function of the sinus size difference between the right and left side: Anatomical study based on CT angiography. *Surg Neurol Int.* 2017 Apr 26;8:58. doi: 10.4103/sni.sni_351_16. eCollection 2017. PubMed PMID: 28540124; PubMed Central PMCID: PMC5421199.

63: Alali AS, Mukherjee K, McCredie VA, Golan E, Shah PS, Bardes JM, Hamblin SE, Haut ER, Jackson JC, Khwaja K, Patel NJ, Raj SR, Wilson LD, Nathens AB, Patel MB. Beta-blockers and Traumatic Brain Injury: A Systematic Review, Meta-analysis, and Eastern Association for the Surgery of Trauma Guideline. *Ann Surg.* 2017 Dec;266(6):952-961. doi: 10.1097/SLA.0000000000002286. Review. PubMed PMID: 28525411; PubMed Central PMCID: PMC5997270.

64: Rehman AA, Turner RC, Lucke-Wold BP, Boo S. Successful Treatment of Symptomatic Intracranial Carotid Artery Stenosis Using a 24-mm Long Bare Metal Coronary Stent. *World Neurosurg.* 2017 Jun;102:e693.e15-693.e19. doi: 10.1016/j.wneu.2017.04.018. Epub 2017 Apr 14. PubMed PMID: 28416412; PubMed Central PMCID: PMC5500919.

65: Lucke-Wold B, Bonasso PC, Cassim R. Primary colon adenocarcinoma with metastatic disease to the rectum followed by the left axilla. *Am Med Stud Res J.* 2017;4(1):57-61. doi: 10.15422/amsrj.2017.03.009. PubMed PMID: 28393107; PubMed Central PMCID: PMC5380366.

66: Lucke-Wold BP, Turner RC, Logsdon AF, Rosen CL, Qaiser R. Blast Scaling Parameters: Transitioning from Lung to Skull Base Metrics. *J Surg Emerg Med.* 2017;1(1). pii: 3. Epub 2017 Jan 10. PubMed PMID: 28386605; PubMed Central PMCID: PMC5380369.

67: Wu JZ, Pan CS, Wimer BM, Rosen CL. An improved finite element modeling of the cerebrospinal fluid layer in the head impact analysis. *Biomed Mater Eng.* 2017;28(2):187-199. doi: 10.3233/BME-171666. PubMed PMID: 28372270.

68: Prabhu AV, Crihalmeanu T, Hansberry DR, Agarwal N, Glaser C, Clump DA, Heron DE, Beriwal S. Online palliative care and oncology patient education resources through Google: Do they meet national health literacy recommendations? *Pract Radiat Oncol.* 2017 Sep - Oct;7(5):306-310. doi: 10.1016/j.prro.2017.01.013. Epub 2017 Jan 27. PubMed PMID: 28341318.

69: Turner RC, DiPasquale K, Logsdon AF, Tan Z, Naser ZJ, Huber JD, Rosen CL, Lucke-Wold BP. The role for infarct volume as a surrogate measure of functional outcome following ischemic stroke. *J Syst*

Integr Neurosci. 2016 Dec;2(4). doi: 10.15761/J SIN.1000136. Epub 2016 Oct 11. PubMed PMID: 28299202; PubMed Central PMCID: PMC5347398.

70: Malchenko S, Sredni ST, Bi Y, Margaryan NV, Boyineni J, Mohanam I, Tomita T, Davuluri RV, Soares MB. Stabilization of HIF-1 α and HIF-2 α , up-regulation of MYCC and accumulation of stabilized p53 constitute hallmarks of CNS-PNET animal model. PLoS One. 2017 Mar 1;12(3):e0173106. doi: 10.1371/journal.pone.0173106. eCollection 2017. PubMed PMID: 28249000; PubMed Central PMCID: PMC5332108.

71: Ciporen J, Lucke-Wold BP, Mendez G, Chen A, Banerjee A, Akins PT, Balough BJ. Single-staged resections and 3D reconstructions of the nasion, glabella, medial orbital wall, and frontal sinus and bone: Long-term outcome and review of the literature. Surg Neurol Int. 2016 Dec 26;7(Suppl 43):S1107-S1112. doi: 10.4103/2152-7806.196773. eCollection 2016. PubMed PMID: 28194296; PubMed Central PMCID: PMC5299155.

72: Turner RC, Naser ZJ, Lucke-Wold BP, Logsdon AF, Vangilder RL, Matsumoto RR, Huber JD, Rosen CL. Single low-dose lipopolysaccharide preconditioning: neuroprotective against axonal injury and modulates glial cells. Neuroimmunol Neuroinflamm. 2017 Jan;4:6-15. doi: 10.20517/2347-8659.2016.40. Epub 2017 Jan 20. PubMed PMID: 28164149; PubMed Central PMCID: PMC5289820.

73: Radwan W, Lucke Wold BP, Mason A, Tarabishy A, Serrano CA. Unilateral Frontosphenoid Craniosynostosis: Case Report and a Review of the Literature. Neurology (ECronicon). 2017 Jan;4(3):80-83. Epub 2017 Jan 10. PubMed PMID: 28133641; PubMed Central PMCID: PMC5267489.

74: Wu JZ, Pan CS, Wimer BM, Rosen CL. Finite element simulations of the head-brain responses to the top impacts of a construction helmet: Effects of the neck and body mass. Proc Inst Mech Eng H. 2017 Jan;231(1):58-68. doi: 10.1177/0954411916678017. Epub 2016 Dec 21. PubMed PMID: 28097935; PubMed Central PMCID: PMC5308880.

75: Lucke-Wold BP, Logsdon AF, Turner RC, Huber JD, Rosen CL. Endoplasmic Reticulum Stress Modulation as a Target for Ameliorating Effects of Blast Induced Traumatic Brain Injury. J Neurotrauma. 2017 Sep;34(S1):S62-S70. doi: 10.1089/neu.2016.4680. Epub 2017 Feb 27. PubMed PMID: 28077004; PubMed Central PMCID: PMC5749601.

76: Singh R, Turner RC, Nguyen L, Motwani K, Swatek M, Lucke-Wold BP. Pediatric Traumatic Brain Injury and Autism: Elucidating Shared Mechanisms. Behav Neurol. 2016;2016:8781725. doi: 10.1155/2016/8781725. Epub 2016 Dec 15. Review. Erratum in: Behav Neurol. 2017;2017:5652160. PubMed PMID: 28074078; PubMed Central PMCID: PMC5198096.

77: Voldman A, Durbin B, Nguyen J, Ellis B, Leys M. Fulminant idiopathic intracranial hypertension and venous stasis retinopathy resulting in severe bilateral visual impairment. Eur J Ophthalmol. 2017 Mar 10;27(2):e25-e27. doi: 10.5301/ejo.5000918. PubMed PMID: 28009405.

78: Radwan W, Lucke-Wold B, Robadi IA, Gyure K, Roberts T, Bhatia S. Neurosarcoidosis: unusual presentations and considerations for diagnosis and management. Postgrad Med J. 2017 Jul;93(1101):401-405. doi: 10.1136/postgradmedj-2016-134475. Epub 2016 Dec 5. PubMed PMID: 27920210; PubMed Central PMCID: PMC5500943.

79: Lucke-Wold BP, Phillips M, Turner RC, Logsdon AF, Smith KE, Huber JD, Rosen CL, Regele JD. Elucidating the role of compression waves and impact duration for generating mild traumatic brain injury in rats. Brain Inj. 2017;31(1):98-105. doi: 10.1080/02699052.2016.1218547. Epub 2016 Nov 23. PubMed PMID: 27880054; PubMed Central PMCID: PMC5247354.

- 80: Radwan W, Lucke-Wold B, Cheyuo C, Ahn J, Gyure K, Bhatia S. Lipomatous meningioma: Case report and review of the literature. *Case Stud Surg.* 2016 Nov;2(4):58-61. Epub 2016 Oct 20. PubMed PMID: 27857981; PubMed Central PMCID: PMC5110232.
- 81: Ciporen J, Lucke-Wold B, Dogan A, Cetas JS, Cameron WE. Dual Endoscopic Endonasal Transsphenoidal and Precaruncular Transorbital Approaches for Clipping of the Cavernous Carotid Artery: A Cadaveric Simulation. *J Neurol Surg B Skull Base.* 2016 Dec;77(6):485-490. Epub 2016 May 24. PubMed PMID: 27857875; PubMed Central PMCID: PMC5112163.
- 82: France JC, Karsy M, Harrop JS, Dailey AT. Return to Play after Cervical Spine Injuries: A Consensus of Opinion. *Global Spine J.* 2016 Dec;6(8):792-797. Epub 2016 Apr 12. PubMed PMID: 27853664; PubMed Central PMCID: PMC5110349.
- 83: Ciporen JN, Lucke-Wold B, Mendez G, Cameron WE, McCartney S. Endoscopic Management of Cavernous Carotid Surgical Complications: Evaluation of a Simulated Perfusion Model. *World Neurosurg.* 2017 Feb;98:388-396. doi: 10.1016/j.wneu.2016.11.018. Epub 2016 Nov 10. PubMed PMID: 27840204; PubMed Central PMCID: PMC5490663.
- 84: Lyle LT, Lockman PR, Adkins CE, Mohammad AS, Sechrest E, Hua E, Palmieri D, Liewehr DJ, Steinberg SM, Kloc W, Izycka-Swieszewska E, Duchnowska R, Nayyar N, Brastianos PK, Steeg PS, Gril B. Alterations in Pericyte Subpopulations Are Associated with Elevated Blood-Tumor Barrier Permeability in Experimental Brain metastases of Breast Cancer. *Clin Cancer Res.* 2016 Nov 1;22(21):5287-5299. Epub 2016 May 31. PubMed PMID: 27245829; PubMed Central PMCID: PMC5093086.
- 85: Nguyen NP, Godinez J, Shen W, Vinh-Hung V, Gorobets H, Thariat J, Ampil F, Vock J, Karlsson U, Chi A; International Geriatric Radiotherapy Group. Is surgery indicated for elderly patients with early stage nonsmall cell lung cancer, in the era of stereotactic body radiotherapy? *Medicine (Baltimore).* 2016 Oct;95(43):e5212. Review. PubMed PMID: 27787380; PubMed Central PMCID: PMC5089109.
- 86: Masi AT, Rehman AA, Jorgenson LC, Aldag JC. Increased mortality of incident rheumatoid arthritis versus matched non-RA control subjects: a community-based long-term prospective cohort study. *Clin Exp Rheumatol.* 2017 Mar-Apr;35(2):277-287. Epub 2016 Oct 26. PubMed PMID: 27782866.
- 87: Nogueira RG, Zaidat OO, Castonguay AC, Haussen DC, Martin CO, Holloway WE, Mueller-Kronast N, English J, Linfante I, Dabus G, Malisch TW, Marden FA, Bozorgchami H, Xavier A, Rai AT, Froehler MT, Badruddin A, Nguyen TN, Taqi MA, Abraham MG, Janardhan V, Yoo AJ, Shaltoni H, Abou-Chebl A, Chen PR, Britz GW, Novakovic R, Nanda A, Kaushal R, Issa MA, Frankel MR, Gupta R. Rescue Thrombectomy in Large Vessel Occlusion Strokes Leads to Better Outcomes than Intravenous Thrombolysis Alone: A 'Real World' Applicability of the Recent Trials. *Interv Neurol.* 2016 Sep;5(3-4):101-110. Epub 2016 May 27. PubMed PMID: 27781037; PubMed Central PMCID: PMC5075836.
- 88: Cheyuo C, Grand W, Balos LL. Near-Infrared Confocal Laser Reflectance Cytoarchitectural Imaging of the Substantia Nigra and Cerebellum in the Fresh Human Cadaver. *World Neurosurg.* 2017 Jan;97:465-470. doi: 10.1016/j.wneu.2016.10.043. Epub 2016 Oct 15. PubMed PMID: 27756668.
- 89: Turner RC, Lucke-Wold BP, Robson MJ, Lee JM, Bailes JE. Alzheimer's disease and chronic traumatic encephalopathy: Distinct but possibly overlapping disease entities. *Brain Inj.* 2016;30(11):1279-1292. doi: 10.1080/02699052.2016.1193631. Epub 2016 Aug 11. Review. PubMed PMID: 27715315; PubMed Central PMCID: PMC5303562.
- 90: Lucke-Wold BP, Logsdon AF, Nguyen L, Eltanahay A, Turner RC, Bonasso P, Knotts C, Moeck A,

- Maroon JC, Bailes JE, Rosen CL. Supplements, nutrition, and alternative therapies for the treatment of traumatic brain injury. *Nutr Neurosci.* 2018 Feb;21(2):79-91. doi: 10.1080/1028415X.2016.1236174. Epub 2016 Oct 5. Review. PubMed PMID: 27705610; PubMed Central PMCID: PMC5491366.
- 91: Josiah DT, Boo S, Tarabishy A, Bhatia S. Anatomical differences in patients with lumbosacral transitional vertebrae and implications for minimally invasive spine surgery. *J Neurosurg Spine.* 2017 Feb;26(2):137-143. doi: 10.3171/2016.6.SPINE1691. Epub 2016 Sep 23. PubMed PMID: 27661564.
- 92: Crigger BJ, McCormick PW, Brotherton SL, Blake V. Report by the American Medical Association's Council on Ethical and Judicial Affairs on Physicians' Exercise of Conscience. *J Clin Ethics.* 2016 Fall;27(3):219-226. PubMed PMID: 27658277.
- 93: Daffner SD, Karnes JM, Watkins CM. Surgeon Specialty Influences Referral Rate for Osteoporosis Management following Vertebral Compression Fractures. *Global Spine J.* 2016 Sep;6(6):524-8. doi: 10.1055/s-0035-1569057. Epub 2015 Nov 26. PubMed PMID: 27555992; PubMed Central PMCID: PMC4993620.
- 94: Trifiletti DM, Lee CC, Kano H, Cohen J, Janopaul-Naylor J, Alonso-Basanta M, Lee JYK, Simonova G, Liscak R, Wolf A, Kvint S, Grills IS, Johnson M, Liu KD, Lin CJ, Mathieu D, Héroux F, Silva D, Sharma M, Cifarelli CP, Watson CN, Hack JD, Golfinos JG, Kondziolka D, Barnett G, Lunsford LD, Sheehan JP. Stereotactic Radiosurgery for Brainstem Metastases: An International Cooperative Study to Define Response and Toxicity. *Int J Radiat Oncol Biol Phys.* 2016 Oct 1;96(2):280-288. doi: 10.1016/j.ijrobp.2016.06.009. Epub 2016 Jun 15. PubMed PMID: 27478166; PubMed Central PMCID: PMC5014646.
- 95: Kátai E, Pál J, Poór VS, Purewal R, Miseta A, Nagy T. Oxidative stress induces transient O-GlcNAc elevation and tau dephosphorylation in SH-SY5Y cells. *J Cell Mol Med.* 2016 Dec;20(12):2269-2277. doi: 10.1111/jcmm.12910. Epub 2016 Jul 26. PubMed PMID: 27456536; PubMed Central PMCID: PMC5134385.
- 96: Sedney CL, Daffner SD, Obafemi-Afolabi A, Gelb D, Ludwig S, Emery SE, France JC. A Comparison of Open and Percutaneous Techniques in the Operative Fixation of Spinal Fractures Associated with Ankylosing Spinal Disorders. *Int J Spine Surg.* 2016 Jun 7;10:23. doi: 10.14444/3023. eCollection 2016. PubMed PMID: 27441181; PubMed Central PMCID: PMC4943162.
- 97: Turner RC, Lucke-Wold BP, Hwang R, Underwood BD. Lung cancer metastases presenting as a solitary skull mass. *J Surg Case Rep.* 2016 Jun 23;2016(6). pii: rjw116. doi: 10.1093/jscr/rjw116. PubMed PMID: 27340229; PubMed Central PMCID: PMC4918473.
- 98: Turner RC, Lucke-Wold BP, Josiah D, Gonzalez J, Schmidt M, Tarabishy AR, Bhatia S. Stereotactic radiosurgery planning based on time-resolved CTA for arteriovenous malformation: a case report and review of the literature. *Acta Neurochir (Wien).* 2016 Aug;158(8):1555-62. doi: 10.1007/s00701-016-2874-5. Epub 2016 Jun 23. Review. PubMed PMID: 27334738; PubMed Central PMCID: PMC4944162.
- 99: Mattei TA, Rehman AA, Teles AR, Aldag JC, Dinh DH, McCall TD. The 'Lumbar Fusion Outcome Score' (LUFOS): a new practical and surgically oriented grading system for preoperative prediction of surgical outcomes after lumbar spinal fusion in patients with degenerative disc disease and refractory chronic axial low back pain. *Neurosurg Rev.* 2017 Jan;40(1):67-81. doi: 10.1007/s10143-016-0751-6. Epub 2016 Jun 11. PubMed PMID: 27289367.
- 100: Fargen KM, Mocco J, Spiotta AM, Rai A, Hirsch JA. A pilot study of neurointerventional research level of evidence and collaboration. *J Neurointerv Surg.* 2017 Jul;9(7):694-697. doi:

- 10.1136/neurintsurg-2016-012504. Epub 2016 Jun 8. Review. PubMed PMID: 27281179.
- 101: Burgett ME, Lathia JD, Roth P, Nowacki AS, Galileo DS, Pugacheva E, Huang P, Vasanji A, Li M, Byzova T, Mikkelsen T, Bao S, Rich JN, Weller M, Gladson CL. Direct contact with perivascular tumor cells enhances integrin $\alpha v\beta 3$ signaling and migration of endothelial cells. *Oncotarget*. 2016 Jul 12;7(28):43852-43867. doi: 10.18632/oncotarget.9700. PubMed PMID: 27270311; PubMed Central PMCID: PMC5190064.
- 102: Karlsson B, Yamamoto M, Hanssens P, Beute G, Kawabe T, Koiso T, Söderman M, Lim K, Rosen CL, Yeo TT. Does Modern Management of Malignant Extracranial Disease Prolong Survival in Patients with ≥ 3 Brain Metastases? *World Neurosurg*. 2016 Aug;92:279-283. doi: 10.1016/j.wneu.2016.04.089. Epub 2016 May 3. PubMed PMID: 27154179.
- 103: Slade SC, Dionne CE, Underwood M, Buchbinder R, Beck B, Bennell K, Brosseau L, Costa L, Cramp F, Cup E, Feehan L, Ferreira M, Forbes S, Glasziou P, Habets B, Harris S, Hay-Smith J, Hillier S, Hinman R, Holland A, Hondras M, Kelly G, Kent P, Lauret GJ, Long A, Maher C, Morso L, Osteras N, Peterson T, Quinlivan R, Rees K, Regnaux JP, Rietberg M, Saunders D, Skoetz N, Sogaard K, Takken T, van Tulder M, Voet N, Ward L, White C. Consensus on Exercise Reporting Template (CERT): Modified Delphi Study. *Phys Ther*. 2016 Oct;96(10):1514-1524. Epub 2016 May 5. PubMed PMID: 27149962.
- 104: Logsdon AF, Lucke-Wold BP, Nguyen L, Matsumoto RR, Turner RC, Rosen CL, Huber JD. Salubrinol reduces oxidative stress, neuroinflammation and impulsive-like behavior in a rodent model of traumatic brain injury. *Brain Res*. 2016 Jul 15;1643:140-51. doi: 10.1016/j.brainres.2016.04.063. Epub 2016 Apr 27. PubMed PMID: 27131989; PubMed Central PMCID: PMC5578618.
- 105: Rice JW, Sedney CL, Daffner SD, Arner JW, Emery SE, France JC. Improvement of Segmental Lordosis in Transforaminal Lumbar Interbody Fusion: A Comparison of Two Techniques. *Global Spine J*. 2016 May;6(3):229-33. doi: 10.1055/s-0035-1559583. Epub 2015 Jul 29. PubMed PMID: 27099813; PubMed Central PMCID: PMC4836934.
- 106: Singh R, Josiah DT, Turner RC, Cantu-Durand DE, Williams HJ, Gyure K, Voelker JL. Giant calvarial intraosseous angiolioma: a case report and review of the literature. *J Surg Case Rep*. 2016 Apr 13;2016(4). pii: rjw051. doi: 10.1093/jscr/rjw051. PubMed PMID: 27076621; PubMed Central PMCID: PMC4830460.
- 107: Prabhakaran S, Castonguay AC, Gupta R, Sun CJ, Martin CO, Holloway W, Mueller-Kronast NH, English J, Linfante I, Dabus G, Malisch T, Marden F, Bozorgchami H, Xavier A, Rai A, Froehler M, Badruddin A, Taqi MA, Novakovic R, Abraham M, Janardhan V, Shaltoni H, Yoo AJ, Abou-Chebl A, Chen P, Britz G, Kaushal R, Nanda A, Nogueira R, Nguyen T, Zaidat OO. Complete reperfusion mitigates influence of treatment time on outcomes after acute stroke. *J Neurointerv Surg*. 2017 Apr;9(4):366-369. doi: 10.1136/neurintsurg-2016-012288. Epub 2016 Apr 12. PubMed PMID: 27073195.
- 108: Katsevman GA, Turner RC, Lucke-Wold BP, Sedney CL, Bhatia S. Osteopathia striata with cranial sclerosis (OSCS): review of the literature and case report demonstrating challenges of spinal fusion after trauma. *Acta Neurochir (Wien)*. 2016 Jun;158(6):1115-20. doi: 10.1007/s00701-016-2794-4. Epub 2016 Apr 11. Review. PubMed PMID: 27068044.
- 109: Lucke-Wold BP, Logsdon AF, Manoranjan B, Turner RC, McConnell E, Vates GE, Huber JD, Rosen CL, Simard JM. Aneurysmal Subarachnoid Hemorrhage and Neuroinflammation: A Comprehensive Review. *Int J Mol Sci*. 2016 Apr 2;17(4):497. doi: 10.3390/ijms17040497. Review. PubMed PMID: 27049383; PubMed Central PMCID: PMC4848953.

- 110: Rai AT, Smith MS, Boo S, Tarabishy AR, Hobbs GR, Carpenter JS. The 'pit-crew' model for improving door-to-needle times in endovascular stroke therapy: a Six-Sigma project. *J Neurointerv Surg.* 2016 May;8(5):447-52. doi: 10.1136/neurintsurg-2015-012219. Epub 2016 Jan 11. PubMed PMID: 26863106; PubMed Central PMCID: PMC4853568.
- 111: Zdilla MJ, Hatfield SA, McLean KA, Laslo JM, Cyrus LM, Lambert HW. Orientation of the Foramen Ovale: An Anatomic Study With Neurosurgical Considerations. *J Craniofac Surg.* 2016 Jan;27(1):234-7. doi: 10.1097/SCS.0000000000002332. PubMed PMID: 26703059; PubMed Central PMCID: PMC4706813.
- 112: Zdilla MJ, Hatfield SA, McLean KA, Cyrus LM, Laslo JM, Lambert HW. Circularity, Solidity, Axes of a Best Fit Ellipse, Aspect Ratio, and Roundness of the Foramen Ovale: A Morphometric Analysis With Neurosurgical Considerations. *J Craniofac Surg.* 2016 Jan;27(1):222-8. doi: 10.1097/SCS.0000000000002285. PubMed PMID: 26703050; PubMed Central PMCID: PMC4706773.
- 113: Sedney CL, Daffner SD, Stefanko JJ, Abdelfattah H, Emery SE, France JC. Fracture of fusion mass after hardware removal in patients with high sagittal imbalance. *J Neurosurg Spine.* 2016 Apr;24(4):639-43. doi: 10.3171/2015.7.SPINE15153. Epub 2015 Dec 18. PubMed PMID: 26682604.
- 114: Natarajan SK, Lin N, Sonig A, Rai AT, Carpenter JS, Levy EI, Siddiqui AH. The safety of Pipeline flow diversion in fusiform vertebrobasilar aneurysms: a consecutive case series with longer-term follow-up from a single US center. *J Neurosurg.* 2016 Jul;125(1):111-9. doi: 10.3171/2015.6.JNS1565. Epub 2015 Dec 11. PubMed PMID: 26654175.
- 115: Turner RC, Lucke-Wold BP, Logsdon AF, Robson MJ, Lee JM, Bailes JE, Dashnaw ML, Huber JD, Petraglia AL, Rosen CL. Modeling Chronic Traumatic Encephalopathy: The Way Forward for Future Discovery. *Front Neurol.* 2015 Oct 26;6:223. doi: 10.3389/fneur.2015.00223. eCollection 2015. Review. PubMed PMID: 26579067; PubMed Central PMCID: PMC4620695.
- 116: Turner RC, Lucke-Wold BP, Logsdon AF, Robson MJ, Dashnaw ML, Huang JH, Smith KE, Huber JD, Rosen CL, Petraglia AL. The Quest to Model Chronic Traumatic Encephalopathy: A Multiple Model and Injury Paradigm Experience. *Front Neurol.* 2015 Oct 20;6:222. doi: 10.3389/fneur.2015.00222. eCollection 2015. PubMed PMID: 26539159; PubMed Central PMCID: PMC4611965.
- 117: Lucke-Wold BP, Nguyen L, Turner RC, Logsdon AF, Chen YW, Smith KE, Huber JD, Matsumoto R, Rosen CL, Tucker ES, Richter E. Traumatic brain injury and epilepsy: Underlying mechanisms leading to seizure. *Seizure.* 2015 Dec;33:13-23. doi: 10.1016/j.seizure.2015.10.002. Epub 2015 Oct 29. Review. PubMed PMID: 26519659.
- 118: Chetty IJ, Martel MK, Jaffray DA, Benedict SH, Hahn SM, Berbeco R, Deye J, Jeraj R, Kavanagh B, Krishnan S, Lee N, Low DA, Mankoff D, Marks LB, Ollendorf D, Paganetti H, Ross B, Siochi RA, Timmerman RD, Wong JW. Technology for Innovation in Radiation Oncology. *Int J Radiat Oncol Biol Phys.* 2015 Nov 1;93(3):485-92. doi: 10.1016/j.ijrobp.2015.07.007. Epub 2015 Jul 11. PubMed PMID: 26460989; PubMed Central PMCID: PMC4610140.
- 119: Simopoulos TT, Manchikanti L, Gupta S, Aydin SM, Kim CH, Solanki D, Nampiaparampil DE, Singh V, Staats PS, Hirsch JA. Systematic Review of the Diagnostic Accuracy and Therapeutic Effectiveness of Sacroiliac Joint Interventions. *Pain Physician.* 2015 Sep-Oct;18(5):E713-56. Review. PubMed PMID: 26431129.
- 120: Lucke-Wold BP, Naser ZJ, Logsdon AF, Turner RC, Smith KE, Robson MJ, Bailes JE, Lee JM, Rosen CL, Huber JD. Amelioration of nicotinamide adenine dinucleotide phosphate-oxidase mediated stress reduces cell death after blast-induced traumatic brain injury. *Transl Res.* 2015

- Dec;166(6):509-528.e1. doi: 10.1016/j.trsl.2015.08.005. Epub 2015 Sep 8. PubMed PMID: 26414010.
- 121: Lucke-Wold BP, Turner RC, Logsdon AF, Nguyen L, Bailes JE, Lee JM, Robson MJ, Omalu BI, Huber JD, Rosen CL. Endoplasmic reticulum stress implicated in chronic traumatic encephalopathy. *J Neurosurg.* 2016 Mar;124(3):687-702. doi: 10.3171/2015.3.JNS141802. Epub 2015 Sep 18. PubMed PMID: 26381255.
- 122: Li G, Ruan L, Chen R, Wang R, Xie X, Zhang M, Chen L, Yan Q, Reed M, Chen J, Xu Y, Pan J, Huang W. Synergistic antidepressant-like effect of ferulic acid in combination with piperine: involvement of monoaminergic system. *Metab Brain Dis.* 2015 Dec;30(6):1505-14. doi: 10.1007/s11011-015-9704-y. Epub 2015 Jul 30. PubMed PMID: 26220010; PubMed Central PMCID: PMC4795470.
- 123: Bailes JE, Turner RC, Lucke-Wold BP, Patel V, Lee JM. Chronic Traumatic Encephalopathy: Is It Real? The Relationship Between Neurotrauma and Neurodegeneration. *Neurosurgery.* 2015 Aug;62 Suppl 1:15-24. doi: 10.1227/NEU.0000000000000811. PubMed PMID: 26181916.
- 124: Sedney CL, Dillen W, Julien T. Clinical spectrum and radiographic features of the syndrome of the trephined. *J Neurosci Rural Pract.* 2015 Jul-Sep;6(3):438-41. doi: 10.4103/0976-3147.158778. PubMed PMID: 26167039; PubMed Central PMCID: PMC4481810.
- 125: Logsdon AF, Lucke-Wold BP, Turner RC, Huber JD, Rosen CL, Simpkins JW. Role of Microvascular Disruption in Brain Damage from Traumatic Brain Injury. *Compr Physiol.* 2015 Jul 1;5(3):1147-60. doi: 10.1002/cphy.c140057. Review. PubMed PMID: 26140712; PubMed Central PMCID: PMC4573402.
- 126: France JC, Schuster JM, Moran K, Dettori JR. Iliac Crest Bone Graft in Lumbar Fusion: The Effectiveness and Safety Compared with Local Bone Graft, and Graft Site Morbidity Comparing a Single-Incision Midline Approach with a Two-Incision Traditional Approach. *Global Spine J.* 2015 Jun;5(3):195-206. doi: 10.1055/s-0035-1552985. Review. PubMed PMID: 26131386; PubMed Central PMCID: PMC4472292.
- 127: Goodson WH 3rd, Lowe L, Carpenter DO, Gilbertson M, Manaf Ali A, Lopez de Cerain Salsamendi A, Lasfar A, Carnero A, Azqueta A, Amedei A, Charles AK, Collins AR, Ward A, Salzberg AC, Colacci A, Olsen AK, Berg A, Barclay BJ, Zhou BP, Blanco-Aparicio C, Baglole CJ, Dong C, Mondello C, Hsu CW, Naus CC, Yedjou C, Curran CS, Laird DW, Koch DC, Carlin DJ, Felsher DW, Roy D, Brown DG, Ratovitski E, Ryan EP, Corsini E, Rojas E, Moon EY, Laconi E, Marongiu F, Al-Mulla F, Chiaradonna F, Darroudi F, Martin FL, Van Schooten FJ, Goldberg GS, Wagemaker G, Nangami GN, Calaf GM, Williams G, Wolf GT, Koppen G, Brunborg G, Lyerly HK, Krishnan H, Ab Hamid H, Yasaei H, Sone H, Kondoh H, Salem HK, Hsu HY, Park HH, Koturbash I, Miousse IR, Scovassi AI, Klaunig JE, Vondráček J, Raju J, Roman J, Wise JP Sr, Whitfield JR, Woodrick J, Christopher JA, Ochieng J, Martinez-Leal JF, Weisz J, Kravchenko J, Sun J, Prudhomme KR, Narayanan KB, Cohen-Solal KA, Moorwood K, Gonzalez L, Soucek L, Jian L, D'Abronzio LS, Lin LT, Li L, Gulliver L, McCawley LJ, Memeo L, Vermeulen L, Leyns L, Zhang L, Valverde M, Khatami M, Romano MF, Chapellier M, Williams MA, Wade M, Manjili MH, Lleonart ME, Xia M, Gonzalez MJ, Karamouzis MV, Kirsch-Volders M, Vaccari M, Kuemmerle NB, Singh N, Cruickshanks N, Kleinstreuer N, van Larebeke N, Ahmed N, Ogunkua O, Krishnakumar PK, Vadgama P, Marignani PA, Ghosh PM, Ostrosky-Wegman P, Thompson PA, Dent P, Heneberg P, Darbre P, Sing Leung P, Nangia-Makker P, Cheng QS, Robey RB, Al-Temaimi R, Roy R, Andrade-Vieira R, Sinha RK, Mehta R, Vento R, Di Fiore R, Ponce-Cusi R, Dornetshuber-Fleiss R, Nahta R, Castellino RC, Palorini R, Abd Hamid R, Langie SA, Eltom SE, Brooks SA, Ryeom S, Wise SS, Bay SN, Harris SA, Papagerakis S, Romano S, Pavanello S, Eriksson S, Forte S, Casey SC, Luanpitpong S, Lee TJ, Otsuki T, Chen T, Massfelder T, Sanderson T, Guarnieri T, Hultman T, Dormoy V, Odero-Marah V, Sabbisetti V, Maguer-Satta V, Rathmell WK, Engström W, Decker WK, Bisson WH, Rojanasakul Y, Luqmani Y, Chen Z, Hu Z. Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment:

- the challenge ahead. *Carcinogenesis*. 2015 Jun;36 Suppl 1:S254-96. doi: 10.1093/carcin/bgv039. Review. Erratum in: *Carcinogenesis*. 2016 Mar;37(3):344. PubMed PMID: 26106142; PubMed Central PMCID: PMC4480130.
- 128: Lucke-Wold BP, Smith KE, Nguyen L, Turner RC, Logsdon AF, Jackson GJ, Huber JD, Rosen CL, Miller DB. Sleep disruption and the sequelae associated with traumatic brain injury. *Neurosci Biobehav Rev*. 2015 Aug;55:68-77. doi: 10.1016/j.neubiorev.2015.04.010. Epub 2015 May 6. Review. PubMed PMID: 25956251; PubMed Central PMCID: PMC4721255.
- 129: Pang C, Cao L, Wu F, Wang L, Wang G, Yu Y, Zhang M, Chen L, Wang W, Lv W, Chen L, Zhu J, Pan J, Zhang H, Xu Y, Ding L. The effect of trans-resveratrol on post-stroke depression via regulation of hypothalamus-pituitary-adrenal axis. *Neuropharmacology*. 2015 Oct;97:447-56. doi: 10.1016/j.neuropharm.2015.04.017. Epub 2015 Apr 29. PubMed PMID: 25937213.
- 130: Fiorella DJ, Fargen KM, Mocco J, Albuquerque F, Hirsch JA, Chen M, Gupta R, Linfante I, Mack W, Rai A, Tarr RW. Thrombectomy for acute ischemic stroke: an evidence-based treatment. *J Neurointerv Surg*. 2015 May;7(5):314-5. doi: 10.1136/neurintsurg-2015-011707. Epub 2015 Mar 3. PubMed PMID: 25735851.
- 131: Rai AT, Evans K, Riggs JE, Hobbs GR. Intravenous thrombolysis of large vessel occlusions is associated with higher hospital costs than small vessel strokes: a rationale for developing stroke severity-based financial models. *J Neurointerv Surg*. 2016 Apr;8(4):423-8. doi: 10.1136/neurintsurg-2014-011632. Epub 2015 Feb 9. PubMed PMID: 25665984.
- 132: Zdilla MJ, Cyrus LM, Lambert HW. Carotico-clinoid foramina and a double optic canal: A case report with neurosurgical implications. *Surg Neurol Int*. 2015 Jan 30;6:13. doi: 10.4103/2152-7806.150456. eCollection 2015. PubMed PMID: 25657866; PubMed Central PMCID: PMC4314831.
- 133: Emery SE. Anterior approaches for cervical spondylotic myelopathy: which? When? How? *Eur Spine J*. 2015 Apr;24 Suppl 2:150-9. doi: 10.1007/s00586-015-3784-6. Epub 2015 Feb 5. PubMed PMID: 25652554.
- 134: Daffner SD, Sedney CL, Rosen CL. Migratory intradural disk herniation and a strategy for intraoperative localization. *Global Spine J*. 2015 Feb;5(1):55-8. doi: 10.1055/s-0034-1381728. Epub 2014 Jul 24. PubMed PMID: 25648315; PubMed Central PMCID: PMC4303482.
- 135: Gatson JW, Simpkins JW, Uteshev VV. High therapeutic potential of positive allosteric modulation of $\alpha 7$ nAChRs in a rat model of traumatic brain injury: proof-of-concept. *Brain Res Bull*. 2015 Mar;112:35-41. doi: 10.1016/j.brainresbull.2015.01.008. Epub 2015 Jan 31. PubMed PMID: 25647232; PubMed Central PMCID: PMC4352406.
- 136: Bonasso P, Lucke-Wold B 3rd, Reed Z, Bozek J, Cottrell S. Investigating the Impact of Preparation Strategies on USMLE Step 1 Performance. *MedEdPublish*. 2015;4(1). pii: 5. Epub 2015 Nov 2. PubMed PMID: 27500163; PubMed Central PMCID: PMC4975378.
- 137: Logsdon AF, Turner RC, Lucke-Wold BP, Robson MJ, Naser ZJ, Smith KE, Matsumoto RR, Huber JD, Rosen CL. Altering endoplasmic reticulum stress in a model of blast-induced traumatic brain injury controls cellular fate and ameliorates neuropsychiatric symptoms. *Front Cell Neurosci*. 2014 Dec 10;8:421. doi: 10.3389/fncel.2014.00421. eCollection 2014. PubMed PMID: 25540611; PubMed Central PMCID: PMC4261829.
- 138: Kim C. Current knowledge and future prospects for SAPHO syndrome. *Drugs Today (Barc)*. 2014

Nov;50(11):757-61. doi: 10.1358/dot.2014.50.11.2236197. Review. PubMed PMID: 25525636.

139: Mocco J, Fiorella D, Fargen KM, Albuquerque F, Chen M, Gupta R, Hirsch JA, Linfante I, Mack W, Rai AT, Tarr RW. Endovascular therapy for acute ischemic stroke is indicated and evidence based: a position statement. *J Neurointerv Surg.* 2015 Feb;7(2):79-81. doi: 10.1136/neurintsurg-2014-011591. Epub 2014 Dec 18. Review. PubMed PMID: 25523788.

140: Gupta R, Rai AT, Hirsch JA, Linfante I, Mack W, Mocco J, Albuquerque F, Chen M, Fiorella D, Tarr RW. A research roadmap of future endovascular stroke trials. *J Neurointerv Surg.* 2015 Feb;7(2):82-3. doi: 10.1136/neurintsurg-2014-011592. Epub 2014 Dec 18. Review. PubMed PMID: 25523787.

141: Xu Y, Pan J, Sun J, Ding L, Ruan L, Reed M, Yu X, Klabnik J, Lin D, Li J, Chen L, Zhang C, Zhang H, O'Donnell JM. Inhibition of phosphodiesterase 2 reverses impaired cognition and neuronal remodeling caused by chronic stress. *Neurobiol Aging.* 2015 Feb;36(2):955-70. doi: 10.1016/j.neurobiolaging.2014.08.028. Epub 2014 Aug 30. PubMed PMID: 25442113; PubMed Central PMCID: PMC4315741.

142: Linfante I, Mack W, Chen M, Rai A, Albuquerque F, Gupta R, Hirsch JA, Mocco J, Fiorella D, Tarr R. Best articles published in 2014 in Journal of NeuroInterventional Surgery. *J Neurointerv Surg.* 2014 Dec;6(10):722-3. doi: 10.1136/neurintsurg-2014-011489. PubMed PMID: 25381218.

143: Castonguay AC, Zaidat OO, Novakovic R, Nguyen TN, Taqi MA, Gupta R, Sun CH, Martin C, Holloway WE, Mueller-Kronast N, English J, Linfante I, Dabus G, Malisch TW, Marden FA, Bozorgchami H, Xavier A, Rai AT, Froehler MT, Badruddin A, Abraham MG, Janardhan V, Shaltoni H, Yoo AJ, Abou-Chebl A, Chen PR, Britz GW, Kaushal R, Nanda A, A Issa M, Nogueira RG. Influence of age on clinical and revascularization outcomes in the North American Solitaire Stent-Retriever Acute Stroke Registry. *Stroke.* 2014 Dec;45(12):3631-6. doi: 10.1161/STROKEAHA.114.006487. Epub 2014 Oct 30. PubMed PMID: 25358699.

144: Lucke-Wold BP, Logsdon AF, Turner RC, Rosen CL, Huber JD. Aging, the metabolic syndrome, and ischemic stroke: redefining the approach for studying the blood-brain barrier in a complex neurological disease. *Adv Pharmacol.* 2014;71:411-49. doi: 10.1016/bs.apha.2014.07.001. Epub 2014 Sep 12. Review. PubMed PMID: 25307225.

145: Lucke-Wold BP, Logsdon AF, Smith KE, Turner RC, Alkon DL, Tan Z, Naser ZJ, Knotts CM, Huber JD, Rosen CL. Bryostatin-1 Restores Blood Brain Barrier Integrity following Blast-Induced Traumatic Brain Injury. *Mol Neurobiol.* 2015 Dec;52(3):1119-1134. doi: 10.1007/s12035-014-8902-7. Epub 2014 Oct 10. PubMed PMID: 25301233; PubMed Central PMCID: PMC5000781.

146: Penas-Prado M, Hess KR, Fisch MJ, Lagrone LW, Groves MD, Levin VA, De Groot JF, Puduvali VK, Colman H, Volas-Redd G, Giglio P, Conrad CA, Salacz ME, Floyd JD, Loghin ME, Hsu SH, Gonzalez J, Chang EL, Woo SY, Mahajan A, Aldape KD, Yung WK, Gilbert MR; MD Anderson Community Clinical Oncology Program; Brain Tumor Trials Collaborative. Randomized phase II adjuvant factorial study of dose-dense temozolomide alone and in combination with isotretinoin, celecoxib, and/or thalidomide for glioblastoma. *Neuro Oncol.* 2015 Feb;17(2):266-73. doi: 10.1093/neuonc/nou155. Epub 2014 Sep 19. PubMed PMID: 25239666; PubMed Central PMCID: PMC4288521.

147: Petraglia AL, Dashnaw ML, Turner RC, Bailes JE. Models of mild traumatic brain injury: translation of physiological and anatomic injury. *Neurosurgery.* 2014 Oct;75 Suppl 4:S34-49. doi: 10.1227/NEU.0000000000000472. Review. PubMed PMID: 25232883.

148: Cadotte DW, Sedney C, Djimbaye H, Bernstein M. A qualitative assessment of the benefits and challenges of international neurosurgical teaching collaboration in Ethiopia. *World Neurosurg.* 2014

- Dec;82(6):980-6. doi: 10.1016/j.wneu.2014.09.001. Epub 2014 Sep 6. PubMed PMID: 25196401.
- 149: Lucke-Wold BP, Turner RC, Logsdon AF, Simpkins JW, Alkon DL, Smith KE, Chen YW, Tan Z, Huber JD, Rosen CL. Common mechanisms of Alzheimer's disease and ischemic stroke: the role of protein kinase C in the progression of age-related neurodegeneration. *J Alzheimers Dis.* 2015;43(3):711-24. doi: 10.3233/JAD-141422. Review. PubMed PMID: 25114088; PubMed Central PMCID: PMC4446718.
- 150: Sedney CL, Siu J, Rousseau G, Dempsey R, Bernstein M. International neurosurgical volunteerism: a temporal, geographic, and thematic analysis of foundation for international education in neurological surgery volunteer reports. *World Neurosurg.* 2014 Dec;82(6):963-8. doi: 10.1016/j.wneu.2014.07.040. Epub 2014 Aug 1. PubMed PMID: 25088231.
- 151: Kim CH, Garcia R, Stover J, Ritchie K, Whealton T, Ata MA. Androgen deficiency in long-term intrathecal opioid administration. *Pain Physician.* 2014 Jul-Aug;17(4):E543-8. PubMed PMID: 25054405.
- 152: Tan Z, Li X, Turner RC, Logsdon AF, Lucke-Wold B, DiPasquale K, Jeong SS, Chen R, Huber JD, Rosen CL. Combination treatment of r-tPA and an optimized human apyrase reduces mortality rate and hemorrhagic transformation 6h after ischemic stroke in aged female rats. *Eur J Pharmacol.* 2014 Sep 5;738:368-73. doi: 10.1016/j.ejphar.2014.05.052. Epub 2014 Jun 13. PubMed PMID: 24933645; PubMed Central PMCID: PMC4126582.
- 153: Meyer DA, Torres-Altoro MI, Tan Z, Tozzi A, Di Filippo M, DiNapoli V, Plattner F, Kansy JW, Benkovic SA, Huber JD, Miller DB, Greengard P, Calabresi P, Rosen CL, Bibb JA. Ischemic stroke injury is mediated by aberrant Cdk5. *J Neurosci.* 2014 Jun 11;34(24):8259-67. doi: 10.1523/JNEUROSCI.4368-13.2014. PubMed PMID: 24920629; PubMed Central PMCID: PMC4051977.
- 154: Nguyen ML, Willows B, Khan R, Chi A, Kim L, Nour SG, Sroka T, Kerr C, Godinez J, Mills M, Karlsson U, Altdorfer G, Nguyen NP, Jendrasiak G; International Geriatric Radiotherapy Group. The potential role of magnetic resonance spectroscopy in image-guided radiotherapy. *Front Oncol.* 2014 May 5;4:91. doi: 10.3389/fonc.2014.00091. eCollection 2014. Review. PubMed PMID: 24847443; PubMed Central PMCID: PMC4017160.
- 155: Matsumoto RR, Seminerio MJ, Turner RC, Robson MJ, Nguyen L, Miller DB, O'Callaghan JP. Methamphetamine-induced toxicity: an updated review on issues related to hyperthermia. *Pharmacol Ther.* 2014 Oct;144(1):28-40. doi: 10.1016/j.pharmthera.2014.05.001. Epub 2014 May 14. Review. PubMed PMID: 24836729; PubMed Central PMCID: PMC4700537.
- 156: Nguyen J, Fay A, Yadav P, MacIntosh PW, Metson R. Stereotactic microdebrider in deep lateral orbital decompression for patients with thyroid eye disease. *Ophthalmic Plast Reconstr Surg.* 2014 May-Jun;30(3):262-6. doi: 10.1097/IOP.0000000000000132. PubMed PMID: 24777260.
- 157: Bingham CM, Harris MA, Vidor IA, Rosen CL, Linberg JV, Marentette LJ, Elner VM, Sivak-Callcott JA. Transcranial orbital decompression for progressive compressive optic neuropathy after 3-wall decompression in severe graves' orbitopathy. *Ophthalmic Plast Reconstr Surg.* 2014 May-Jun;30(3):215-8. doi: 10.1097/IOP.0000000000000052. PubMed PMID: 24759290.
- 158: Ding L, Zhang C, Masood A, Li J, Sun J, Nadeem A, Zhang HT, O' Donnell JM, Xu Y. Protective effects of phosphodiesterase 2 inhibitor on depression- and anxiety-like behaviors: involvement of antioxidant and anti-apoptotic mechanisms. *Behav Brain Res.* 2014 Jul 15;268:150-158. doi: 10.1016/j.bbr.2014.03.042. Epub 2014 Mar 30. PubMed PMID: 24694839; PubMed Central PMCID: PMC4075066.

- 159: Lucke-Wold BP, DiPasquale K, Logsdon AF, Nguyen L, Lucke-Wold AN, Turner RC, Huber JD, Rosen CL. Metabolic Syndrome and its Profound Effect on Prevalence of Ischemic Stroke. *Am Med Stud Res J.* 2014 Spring;1(1):29-38. PubMed PMID: 27284575; PubMed Central PMCID: PMC4896644.
- 160: Abou-Chebl A, Zaidat OO, Castonguay AC, Gupta R, Sun CH, Martin CO, Holloway WE, Mueller-Kronast N, English JD, Linfante I, Dabus G, Malisch TW, Marden FA, Bozorgchami H, Xavier A, Rai AT, Froehler MT, Badruddin A, Nguyen TN, Taqi M, Abraham MG, Janardhan V, Shaltoni H, Novakovic R, Yoo AJ, Chen PR, Britz GW, Kaushal R, Nanda A, Issa MA, Nogueira RG. North American SOLITAIRE Stent-Retriever Acute Stroke Registry: choice of anesthesia and outcomes. *Stroke.* 2014 May;45(5):1396-401. doi: 10.1161/STROKEAHA.113.003698. Epub 2014 Mar 25. PubMed PMID: 24668201.
- 161: Robson MJ, Turner RC, Naser ZJ, McCurdy CR, O'Callaghan JP, Huber JD, Matsumoto RR. SN79, a sigma receptor antagonist, attenuates methamphetamine-induced astrogliosis through a blockade of OSMR/gp130 signaling and STAT3 phosphorylation. *Exp Neurol.* 2014 Apr;254:180-9. doi: 10.1016/j.expneurol.2014.01.020. Epub 2014 Feb 6. PubMed PMID: 24508558; PubMed Central PMCID: PMC4241368.
- 162: Lucke-Wold BP, Turner RC, Logsdon AF, Bailes JE, Huber JD, Rosen CL. Linking traumatic brain injury to chronic traumatic encephalopathy: identification of potential mechanisms leading to neurofibrillary tangle development. *J Neurotrauma.* 2014 Jul 1;31(13):1129-38. doi: 10.1089/neu.2013.3303. Epub 2014 Apr 11. Review. PubMed PMID: 24499307; PubMed Central PMCID: PMC4089022.
- 163: Rai AT, Evans K. Hospital-based financial analysis of endovascular therapy and intravenous thrombolysis for large vessel acute ischemic strokes: the 'bottom line'. *J Neurointerv Surg.* 2015 Feb;7(2):150-6. doi: 10.1136/neurintsurg-2013-011085. Epub 2014 Jan 29. PubMed PMID: 24476964.
- 164: Turner RC, VanGilder RL, Naser ZJ, Lucke-Wold BP, Bailes JE, Matsumoto RR, Huber JD, Rosen CL. Elucidating the severity of preclinical traumatic brain injury models: a role for functional assessment? *Neurosurgery.* 2014 Apr;74(4):382-94; discussion 394. doi: 10.1227/NEU.0000000000000292. PubMed PMID: 24448183; PubMed Central PMCID: PMC4890645.
- 165: Kim CH, Kadhim S, Julien C. Treatment of pain in SAPHO (synovitis, acne, pustulosis, hyperostosis, and osteitis) syndrome. *PM R.* 2014 Jan;6(1):92-5. doi: 10.1016/j.pmrj.2013.08.610. PubMed PMID: 24439152.
- 166: Fargen KM, Blackburn S, Deshaies EM, Carpenter JS, Jabbour P, Mack WJ, Rai AT, Siddiqui AH, Turner RD, Mocco J. Final results of the multicenter, prospective Axium MicroFX for Endovascular Repair of IntraCranial Aneurysm Study (AMERICA). *J Neurointerv Surg.* 2015 Jan;7(1):40-3. doi: 10.1136/neurintsurg-2013-011049. Epub 2014 Jan 6. PubMed PMID: 24394153.
- 167: Chi A, Wen S, Liao Z, Fowler J, Xu J, Nguyen NP, Welsh JS, Komaki R. What would be the most appropriate α/β ratio in the setting of stereotactic body radiation therapy for early stage non-small cell lung cancer. *Biomed Res Int.* 2013;2013:391021. doi: 10.1155/2013/391021. Epub 2013 Nov 20. Review. PubMed PMID: 24350266; PubMed Central PMCID: PMC3853037.
- 168: Nguyen TN, Malisch T, Castonguay AC, Gupta R, Sun CH, Martin CO, Holloway WE, Mueller-Kronast N, English JD, Linfante I, Dabus G, Marden FA, Bozorgchami H, Xavier A, Rai AT, Froehler MT, Badruddin A, Taqi M, Abraham MG, Janardhan V, Shaltoni H, Novakovic R, Yoo AJ, Abou-Chebl A, Chen PR, Britz GW, Kaushal R, Nanda A, Issa MA, Masoud H, Nogueira RG, Norbash AM, Zaidat OO. Balloon guide catheter improves revascularization and clinical outcomes with the Solitaire device: analysis of

- the North American Solitaire Acute Stroke Registry. *Stroke.* 2014 Jan;45(1):141-5. doi: 10.1161/STROKEAHA.113.002407. Epub 2013 Dec 3. PubMed PMID: 24302483.
- 169: Alberts MJ, Wechsler LR, Jensen ME, Latchaw RE, Crocco TJ, George MG, Baranski J, Bass RR, Ruff RL, Huang J, Mancini B, Gregory T, Gress D, Emr M, Warren M, Walker MD. Formation and function of acute stroke-ready hospitals within a stroke system of care recommendations from the brain attack coalition. *Stroke.* 2013 Dec;44(12):3382-93. doi: 10.1161/STROKEAHA.113.002285. Epub 2013 Nov 12. PubMed PMID: 24222046.
- 170: VanGilder RL, Davidov DM, Stinehart KR, Huber JD, Turner RC, Wilson KS, Haney E, Davis SM, Chantler PD, Theeke L, Rosen CL, Crocco TJ, Gutmann L, Barr TL. C-reactive protein and long-term ischemic stroke prognosis. *J Clin Neurosci.* 2014 Apr;21(4):547-53. doi: 10.1016/j.jocn.2013.06.015. Epub 2013 Aug 23. Review. PubMed PMID: 24211144; PubMed Central PMCID: PMC4394376.
- 171: Tan Z, Turner RC, Leon RL, Li X, Hongpaisan J, Zheng W, Logsdon AF, Naser ZJ, Alkon DL, Rosen CL, Huber JD. Bryostatin improves survival and reduces ischemic brain injury in aged rats after acute ischemic stroke. *Stroke.* 2013 Dec;44(12):3490-7. doi: 10.1161/STROKEAHA.113.002411. Epub 2013 Oct 30. PubMed PMID: 24172582; PubMed Central PMCID: PMC4041549.
- 172: Zaidat OO, Castonguay AC, Gupta R, Sun CH, Martin C, Holloway WE, Mueller-Kronast N, English JD, Linfante I, Dabus G, Malisch TW, Marden FA, Bozorgchami H, Xavier A, Rai AT, Froehler MT, Badruddin A, Nguyen TN, Taqi MA, Abraham MG, Janardhan V, Shaltoni H, Novakovic R, Yoo AJ, Abou-Chebl A, Chen PR, Britz GW, Kaushal R, Nanda A, Issa MA, Nogueira RG. North American Solitaire Stent Retriever Acute Stroke registry: post-marketing revascularization and clinical outcome results. *J Neurointerv Surg.* 2014 Oct;6(8):584-8. doi: 10.1136/neurintsurg-2013-010895. Epub 2013 Sep 23. PubMed PMID: 24062252.
- 173: Fargen KM, Blackburn S, Carpenter JS, Jabbour P, Mack WJ, Rai AT, Siddiqui AH, Turner RD, Mocco J. Early results of the Axium MicroFX for Endovascular Repair of IntraCranial Aneurysm (AMERICA) study: a multicenter prospective observational registry. *J Neurointerv Surg.* 2014 Sep;6(7):495-9. doi: 10.1136/neurintsurg-2013-010887. Epub 2013 Sep 11. PubMed PMID: 24026950.
- 174: Turner RC, Naser ZJ, Logsdon AF, DiPasquale KH, Jackson GJ, Robson MJ, Gettens RT, Matsumoto RR, Huber JD, Rosen CL. Modeling clinically relevant blast parameters based on scaling principles produces functional & histological deficits in rats. *Exp Neurol.* 2013 Oct;248:520-9. doi: 10.1016/j.expneurol.2013.07.008. Epub 2013 Jul 20. PubMed PMID: 23876514.
- 175: Grosso MJ, Hwang R, Krishnaney AA, Mroz TE, Benzel EC, Steinmetz MP. Complications and Outcomes for Surgical Approaches to Cervical Kyphosis. *J Spinal Disord Tech.* 2015 Aug;28(7):E385-93. doi: 10.1097/BSD.0b013e318299953f. Review. PubMed PMID: 23732179.
- 176: Chi A, Ma P, Fu G, Hobbs G, Welsh JS, Nguyen NP, Jang SY, Dai J, Jin J, Komaki R. Critical structure sparing in stereotactic ablative radiotherapy for central lung lesions: helical tomotherapy vs. volumetric modulated arc therapy. *PLoS One.* 2013;8(4):e59729. doi: 10.1371/journal.pone.0059729. Epub 2013 Apr 5. PubMed PMID: 23577071; PubMed Central PMCID: PMC3618449.
- 177: Turner RC, Lucke-Wold B, Lucke-Wold N, Elliott AS, Logsdon AF, Rosen CL, Huber JD. Neuroprotection for ischemic stroke: moving past shortcomings and identifying promising directions. *Int J Mol Sci.* 2013 Jan 17;14(1):1890-917. doi: 10.3390/ijms14011890. Review. PubMed PMID: 23344061; PubMed Central PMCID: PMC3565354.
- 178: Turner RC, Lucke-Wold BP, Robson MJ, Omalu BI, Petraglia AL, Bailes JE. Repetitive traumatic brain injury and development of chronic traumatic encephalopathy: a potential role for biomarkers in

diagnosis, prognosis, and treatment? *Front Neurol.* 2013 Jan 17;3:186. doi: 10.3389/fneur.2012.00186. eCollection 2012. PubMed PMID: 23335911; PubMed Central PMCID: PMC3547169.

179: Turner RC, Dodson SC, Rosen CL, Huber JD. The science of cerebral ischemia and the quest for neuroprotection: navigating past failure to future success. *J Neurosurg.* 2013 May;118(5):1072-85. doi: 10.3171/2012.11.JNS12408. Epub 2013 Jan 18. Review. PubMed PMID: 23331000; PubMed Central PMCID: PMC4652647.

180: Lucke-Wold BP, Turner RC, Lucke-Wold AN, Rosen CL, Huber JD. Age and the metabolic syndrome as risk factors for ischemic stroke: improving preclinical models of ischemic stroke. *Yale J Biol Med.* 2012 Dec;85(4):523-39. Epub 2012 Dec 13. Review. PubMed PMID: 23239952; PubMed Central PMCID: PMC3516893.

181: Sedney CL, Harshbarger T, Orphanos J, Collins JJ. Penetrating injury to the superior sagittal sinus by a nail in a 4-year-old child: a case report. *Pediatr Emerg Care.* 2012 Nov;28(11):1220-3. doi: 10.1097/PEC.0b013e318271ff3b. PubMed PMID: 23128650.

182: Weimer T, Boling W, Palade A. Neurosurgical therapy for central area status epilepticus. *W V Med J.* 2012 Sep-Oct;108(5):20-3. PubMed PMID: 23098007.

183: Sedney CL, Nonaka Y, Bulsara KR, Fukushima T. Microsurgical management of jugular foramen schwannomas. *Neurosurgery.* 2013 Jan;72(1):42-6; discussion 46. doi: 10.1227/NEU.0b013e3182770e74. PubMed PMID: 23096422.

184: Turner RC, Naser ZJ, Bailes JE, Smith DW, Fisher JA, Rosen CL. Effect of slosh mitigation on histologic markers of traumatic brain injury: laboratory investigation. *J Neurosurg.* 2012 Dec;117(6):1110-8. doi: 10.3171/2012.8.JNS12358. Epub 2012 Sep 21. PubMed PMID: 22998060.

185: Kusumi M, Fukushima T, Mehta AI, Cunningham CD 3rd, Friedman AH, Fujii K. Middle fossa approach for total resection of petrous apex cholesterol granulomas: use of vascularized galeofascial flap preventing recurrence. *Neurosurgery.* 2013 Mar;72(1 Suppl Operative):77-86; discussion 86. doi: 10.1227/NEU.0b013e3182724354. PubMed PMID: 22986599.

186: Turner RC, Seminerio MJ, Naser ZJ, Ford JN, Martin SJ, Matsumoto RR, Rosen CL, Huber JD. Effects of aging on behavioral assessment performance: implications for clinically relevant models of neurological disease. *J Neurosurg.* 2012 Sep;117(3):629-37. doi: 10.3171/2012.5.JNS112224. Epub 2012 Jun 29. PubMed PMID: 22746378.

187: Leon RL, Li X, Huber JD, Rosen CL. Worsened outcome from middle cerebral artery occlusion in aged rats receiving 17 β -estradiol. *Endocrinology.* 2012 Jul;153(7):3386-93. doi: 10.1210/en.2011-1859. Epub 2012 May 11. PubMed PMID: 22581460; PubMed Central PMCID: PMC3380301.

188: Sedney CL, Morris JM, Giannini C, Link MJ, Swetz KM. Radiation-associated sarcoma of the skull base after irradiation for pituitary neuroendocrine tumor. *Rare Tumors.* 2012 Jan 2;4(1):e7. doi: 10.4081/rt.2012.e7. Epub 2012 Jan 30. PubMed PMID: 22532923; PubMed Central PMCID: PMC3325752.

189: Kim CH, Issa MA, Vaglienti RM. Use of observational mechanical gateway connector in spinal cord stimulation trials. *Pain Physician.* 2011 Nov-Dec;14(6):525-30. PubMed PMID: 22086093.

190: Bailes J, Maroon J, Robinson S. Sports-related neurosurgical injuries. *Neurosurg Focus.* 2011

- Nov;31(5):1 p preceding E1. doi: 10.3171/2011.9.FOCUS11258. PubMed PMID: 22044109.
- 191: Smith DW, Bailes JE, Fisher JA, Robles J, Turner RC, Mills JD. Internal jugular vein compression mitigates traumatic axonal injury in a rat model by reducing the intracranial slosh effect. *Neurosurgery*. 2012 Mar;70(3):740-6. doi: 10.1227/NEU.0b013e318235b991. PubMed PMID: 21904255.
- 192: Kaneko N, Boling WW, Shonai T, Ohmori K, Shiokawa Y, Kurita H, Fukushima T. Delineation of the safe zone in surgery of sylvian insular triangle: morphometric analysis and magnetic resonance imaging study. *Neurosurgery*. 2012 Jun;70(2 Suppl Operative):290-8; discussion 298-9. doi: 10.1227/NEU.0b013e3182315112. PubMed PMID: 21841521.
- 193: Bhatia S, O'Neill BR, Pu F, Aziz K. Giant tentorial cavernous hemangioma: case report and review of literature. *Clin Neurol Neurosurg*. 2011 Dec;113(10):937-42. doi: 10.1016/j.clineuro.2011.07.007. Epub 2011 Aug 4. PubMed PMID: 21820241.
- 194: Sedney CL, Coger BR, Bailes JE. Posterior fossa subdural hematoma resulting in locked-in syndrome: case report. *Neurosurgery*. 2011 Aug;69(2):E497-500. doi: 10.1227/NEU.0b013e318218cf85. PubMed PMID: 21792146.
- 195: Lim CS, Hwang YK, Kim D, Cho SH, Bañuelos C, Bizon JL, Han JS. Increased interactions between PKA and NF- κ B signaling in the hippocampus following loss of cholinergic input. *Neuroscience*. 2011 Sep 29;192:485-93. doi: 10.1016/j.neuroscience.2011.05.074. Epub 2011 Jun 24. PubMed PMID: 21723926.
- 196: Colson JD. Cervicofacial subcutaneous emphysema and pneumomediastinum after retinal detachment surgery: just another monitored anesthesia eye case. *J Clin Anesth*. 2011 Aug;23(5):410-3. doi: 10.1016/j.jclinane.2010.08.019. Epub 2011 Jun 30. PubMed PMID: 21723109.
- 197: Rosen CL, Steinberg GK, DeMonte F, Delashaw JB Jr, Lewis SB, Shaffrey ME, Aziz K, Hantel J, Marciano FF. Results of the prospective, randomized, multicenter clinical trial evaluating a biosynthesized cellulose graft for repair of dural defects. *Neurosurgery*. 2011 Nov;69(5):1093-103; discussion 1103-4. doi: 10.1227/NEU.0b013e3182284aca. PubMed PMID: 21670715.
- 198: Leon RL, Huber JD, Rosen CL. Potential age-dependent effects of estrogen on neural injury. *Am J Pathol*. 2011 Jun;178(6):2450-60. doi: 10.1016/j.ajpath.2011.01.057. Review. PubMed PMID: 21641373; PubMed Central PMCID: PMC3124359.
- 199: Mills JD, Bailes JE, Turner RC, Dodson SC, Sakai J, Maroon JC. Anabolic steroids and head injury. *Neurosurgery*. 2012 Jan;70(1):205-9; discussion 209-10. doi: 10.1227/NEU.0b013e3182250918. PubMed PMID: 21606881.
- 200: Turner RC, Dodson SC, Rosen CL. Medical management of cerebellar abscess: a case report and review of the literature. *W V Med J*. 2011 Mar-Apr;107(2):21-3. PubMed PMID: 21476473.
- 201: Sedney CL, Rosen CL. Cervical abnormalities causing vertebral artery dissection in children. *J Neurosurg Pediatr*. 2011 Mar;7(3):272-5. doi: 10.3171/2010.12.PEDS10106. PubMed PMID: 21361766.
- 202: Kim CH, Issa M. Spinal cord stimulation for the treatment of chronic renal pain secondary to uretero-pelvic junction obstruction. *Pain Physician*. 2011 Jan-Feb;14(1):55-9. PubMed PMID: 21267042.
- 203: Mills JD, Hadley K, Bailes JE. Dietary supplementation with the omega-3 fatty acid docosahexaenoic acid in traumatic brain injury. *Neurosurgery*. 2011 Feb;68(2):474-81; discussion

481. doi: 10.1227/NEU.0b013e3181ff692b. PubMed PMID: 21135750.

204: Sedney CL, Orphanos J, Bailes JE. When to consider retiring an athlete after sports-related concussion. *Clin Sports Med.* 2011 Jan;30(1):189-200, xi. doi: 10.1016/j.csm.2010.08.005. Review. PubMed PMID: 21074092.

205: Howell SM, Unger MW, Colson JD, Serafini M. Ultrasonographic evaluation of neck hematoma and block salvage after failed neurostimulation-guided interscalene block. *J Clin Anesth.* 2010 Nov;22(7):560-1. doi: 10.1016/j.jclinane.2009.09.012. PubMed PMID: 21056816.

206: Mills JD, Bailes JE, Sedney CL, Hutchins H, Sears B. Omega-3 fatty acid supplementation and reduction of traumatic axonal injury in a rodent head injury model. *J Neurosurg.* 2011 Jan;114(1):77-84. doi: 10.3171/2010.5.JNS08914. Epub 2010 Jul 16. PubMed PMID: 20635852.

207: Dinapoli VA, Benkovic SA, Li X, Kelly KA, Miller DB, Rosen CL, Huber JD, O'Callaghan JP. Age exaggerates proinflammatory cytokine signaling and truncates signal transducers and activators of transcription 3 signaling following ischemic stroke in the rat. *Neuroscience.* 2010 Oct 13;170(2):633-44. doi: 10.1016/j.neuroscience.2010.07.011. Epub 2010 Jul 13. PubMed PMID: 20633608; PubMed Central PMCID: PMC2933458.

208: Bailes JE, Mills JD. Docosahexaenoic acid reduces traumatic axonal injury in a rodent head injury model. *J Neurotrauma.* 2010 Sep;27(9):1617-24. doi: 10.1089/neu.2009.1239. PubMed PMID: 20597639.

209: Boling W. Minimal access keyhole surgery for mesial temporal lobe epilepsy. *J Clin Neurosci.* 2010 Sep;17(9):1180-4. doi: 10.1016/j.jocn.2010.01.030. Epub 2010 Jun 11. PubMed PMID: 20541416.

210: Bailes JE. Sports-related concussion: what do we know in 2009-a neurosurgeon's perspective. *J Int Neuropsychol Soc.* 2009 Jul;15(4):509-11. doi: 10.1017/S1355617709090936. Review. PubMed PMID: 19573268.

211: Tan Z, Li X, Kelly KA, Rosen CL, Huber JD. Plasminogen activator inhibitor type 1 derived peptide, EEIIMD, diminishes cortical infarct but fails to improve neurological function in aged rats following middle cerebral artery occlusion. *Brain Res.* 2009 Jul 24;1281:84-90. doi: 10.1016/j.brainres.2009.05.042. Epub 2009 May 22. PubMed PMID: 19465008; PubMed Central PMCID: PMC2848998.

212: Karlsson B, Hanssens P, Wolff R, Söderman M, Lindquist C, Beute G. Thirty years' experience with Gamma Knife surgery for metastases to the brain. *J Neurosurg.* 2009 Sep;111(3):449-57. doi: 10.3171/2008.10.JNS08214. PubMed PMID: 19199505.

213: Boling W, Palade A, Wabulya A, Longoni N, Warf B, Nestor S, Alpitsis R, Bittar R, Howard C, Andermann F. Surgery for pharmacoresistant epilepsy in the developing world: A pilot study. *Epilepsia.* 2009 May;50(5):1256-61. doi: 10.1111/j.1528-1167.2008.01984.x. Epub 2009 Jan 19. PubMed PMID: 19175392.

214: Emery SE, Akhavan S, Miller P, Furey CG, Yoo JU, Rowbottom JR, Bohlman HH. Steroids and risk factors for airway compromise in multilevel cervical corpectomy patients: a prospective, randomized, double-blind study. *Spine (Phila Pa 1976).* 2009 Feb 1;34(3):229-32. doi: 10.1097/BRS.0b013e318193a287. PubMed PMID: 19148042.

215: Rosen CL, Orphanos JR, Nugent RG, Marano G. The use of MR-myelography combining flexion and extension imaging in the diagnosis of cervical myelopathy: a case report. *W V Med J.* 2009 Jan-

Feb;105(1):10-4. PubMed PMID: 19146040.

216: Rosen CL, Sedney C, Sivak J. Single-stage complex reconstruction for fibrous dysplasia: a case report. *Skull Base*. 2008 Jul;18(4):275-9. doi: 10.1055/s-2008-1043752. PubMed PMID: 19119342; PubMed Central PMCID: PMC2474455.

217: Boling W, Aghakhani Y, Andermann F, Sziklas V, Olivier A. Surgical treatment of independent bitemporal lobe epilepsy defined by invasive recordings. *J Neurol Neurosurg Psychiatry*. 2009 May;80(5):533-8. doi: 10.1136/jnnp.2008.155291. Epub 2008 Dec 5. PubMed PMID: 19060021.

218: Boling WW, Lancaster M, Kraszpulski M, Palade A, Marano G, Puce A. Fluorodeoxyglucose-positron emission tomographic imaging for the diagnosis of mesial temporal lobe epilepsy. *Neurosurgery*. 2008 Dec;63(6):1130-8; discussion 1138. doi: 10.1227/01.NEU.0000334429.15867.3B. PubMed PMID: 19057325.

219: Peterson JM, Bryner RW, Alway SE. Satellite cell proliferation is reduced in muscles of obese Zucker rats but restored with loading. *Am J Physiol Cell Physiol*. 2008 Aug;295(2):C521-8. doi: 10.1152/ajpcell.00073.2008. Epub 2008 May 28. PubMed PMID: 18508911; PubMed Central PMCID: PMC2518421.

220: Miele VJ, France JC, Rosen CL. Subaxial positional vertebral artery occlusion corrected by decompression and fusion. *Spine (Phila Pa 1976)*. 2008 May 15;33(11):E366-70. doi: 10.1097/BRS.0b013e31817192a1. Review. PubMed PMID: 18469685.

221: Karlsson B, Jokura H, Yamamoto M, Söderman M, Lax I. Is repeated radiosurgery an alternative to staged radiosurgery for very large brain arteriovenous malformations? *J Neurosurg*. 2007 Oct;107(4):740-4. PubMed PMID: 17937217.

222: Ohmori K, Collins J, Fukushima T. Craniopharyngiomas in children. *Pediatr Neurosurg*. 2007;43(4):265-78. Review. PubMed PMID: 17627142.

223: Boling W, Longoni N, Palade A, Moran M, Brick J. Surgery for temporal lobe epilepsy. *W V Med J*. 2006 Nov-Dec;102(6):18-21. PubMed PMID: 17334162.

224: Miele VJ, Bailes JE. Objectifying when to halt a boxing match: a video analysis of fatalities. *Neurosurgery*. 2007 Feb;60(2):307-15; discussion 315-6. PubMed PMID: 17290181.

225: Miele VJ, Price K, Bloomfield S, Hogg J, Bailes J. Intrathecal morphine therapy related granulomas: two case reports. *W V Med J*. 2006 Sep-Oct;102(5):16-8. PubMed PMID: 17285949.

226: DiNapoli VA, Huber JD, Houser K, Li X, Rosen CL. Early disruptions of the blood-brain barrier may contribute to exacerbated neuronal damage and prolonged functional recovery following stroke in aged rats. *Neurobiol Aging*. 2008 May;29(5):753-64. Epub 2007 Jan 22. PubMed PMID: 17241702; PubMed Central PMCID: PMC2683361.

227: Karlsson B, Lax I, Yamamoto M, Söderman M, Jokura H, Rosen C, Bailes J. Calculation of isoeffective doses and the alpha/beta value by comparing results following radiosurgery and radiotherapy for arteriovenous malformations of the brain. *J Neurosurg*. 2006 Dec;105 Suppl:183-9. Review. PubMed PMID: 18503354.

228: Miele VJ, Bailes JE, Martin NA. Participation in contact or collision sports in athletes with epilepsy, genetic risk factors, structural brain lesions, or history of craniotomy. *Neurosurg Focus*. 2006 Oct 15;21(4):E9. Review. PubMed PMID: 17112199.

- 229: Miele VJ, Norwig JA, Bailes JE. Sideline and ringside evaluation for brain and spinal injuries. *Neurosurg Focus*. 2006 Oct 15;21(4):E8. Review. PubMed PMID: 17112198.
- 230: Nugent GR. Reflections on 40 years as a sideline physician. *Neurosurg Focus*. 2006 Oct 15;21(4):E2. PubMed PMID: 17112192.
- 231: Miele VJ, Bailes JE, Cantu RC, Rabb CH. Subdural hematomas in boxing: the spectrum of consequences. *Neurosurg Focus*. 2006 Oct 15;21(4):E10. PubMed PMID: 17112188.
- 232: Siu PM, Alway SE. Deficiency of the Bax gene attenuates denervation-induced apoptosis. *Apoptosis*. 2006 Jun;11(6):967-81. PubMed PMID: 16763784; PubMed Central PMCID: PMC4317263.
- 233: Dinapoli VA, Rosen CL, Nagamine T, Crocco T. Selective MCA occlusion: a precise embolic stroke model. *J Neurosci Methods*. 2006 Jun 30;154(1-2):233-8. Epub 2006 Feb 10. PubMed PMID: 16472870.
- 234: Nugent GR. Targeting the ventral lateral nucleus of the thalamus: a stereotactic vignette. *Neurosurgery*. 2006 Jan;58(1):197-200; discussion 197-200. PubMed PMID: 16385344.
- 235: Miele VJ, Zeb S, Hogg JP, Bloomfield S. Diagnostic pitfall of computed tomography in patients with superficial siderosis of the central nervous system. *W V Med J*. 2005 Jul-Aug;101(4):172-5. PubMed PMID: 16296199.
- 236: Rao AK, Merenda DM, Wetmore SJ. Diagnosis and management of spontaneous cerebrospinal fluid otorrhea. *Otol Neurotol*. 2005 Nov;26(6):1171-5. PubMed PMID: 16272936.
- 237: Rosen CL, Dinapoli VA, Nagamine T, Crocco T. Influence of age on stroke outcome following transient focal ischemia. *J Neurosurg*. 2005 Oct;103(4):687-94. PubMed PMID: 16266051.
- 238: Sehbai AS, Abraham J, Brown VK. Perioperative management of a patient with May-Hegglin anomaly requiring craniotomy. *Am J Hematol*. 2005 Aug;79(4):303-8. PubMed PMID: 16044442.
- 239: Karlsson B, Lindqvist M, Blomgren H, Wan-Yeo G, Söderman M, Lax I, Yamamoto M, Bailes J. Long-term results after fractionated radiation therapy for large brain arteriovenous malformations. *Neurosurgery*. 2005 Jul;57(1):42-9; discussion 42-9. PubMed PMID: 15987539.
- 240: Miele VJ, Price KO, Bloomfield S, Hogg J, Bailes JE. A review of intrathecal morphine therapy related granulomas. *Eur J Pain*. 2006 Apr;10(3):251-61. Epub 2005 Jun 17. Review. PubMed PMID: 15964775.
- 241: Miele VJ, Sadrolhefazi A, Bailes JE. Influence of head position on the effectiveness of twist drill craniostomy for chronic subdural hematoma. *Surg Neurol*. 2005 May;63(5):420-3; discussion 423. PubMed PMID: 15883061.
- 242: Miele VJ, Rosen CL, Carpenter J, Rai A, Bailes JE. Vertebral artery-to-middle cerebral artery bypass with coil embolization of giant internal carotid artery aneurysm: technical case report. *Neurosurgery*. 2005 May;56(5):E1159; discussion E1159. PubMed PMID: 15854269.
- 243: Hall LT, Bailes JE. Using Dermabond for wound closure in lumbar and cervical neurosurgical procedures. *Neurosurgery*. 2005 Jan;56(1 Suppl):147-50; discussion 147-50. PubMed PMID: 15799803.
- 244: Khan FA. Meningitis due to *Enterobacter aerogenes* subsequent to resection of an acoustic neuroma and abdominal fat graft to the mastoid. *Braz J Infect Dis*. 2004 Oct;8(5):386-8. Epub 2005 Mar 17. Review. PubMed PMID: 15798816.

- 245: Siu PM, Alway SE. Mitochondria-associated apoptotic signalling in denervated rat skeletal muscle. *J Physiol.* 2005 May 15;565(Pt 1):309-23. Epub 2005 Mar 17. PubMed PMID: 15774533; PubMed Central PMCID: PMC1464486.
- 246: Riggs JE, Riggs AJ. Prominent 59-year-old British neurosurgeon, Victor Horsley, succumbs to heatstroke while serving with allied troops in Iraq. *Br J Neurosurg.* 2004 Aug;18(4):375-6; discussion 376. PubMed PMID: 15702838.
- 247: Rai AT, Collins JJ. Percutaneous treatment of pediatric aneurysmal bone cyst at C1: a minimally invasive alternative: a case report. *AJNR Am J Neuroradiol.* 2005 Jan;26(1):30-3. PubMed PMID: 15661694.
- 248: Bailes JE. Experience with cervical stenosis and temporary paralysis in athletes. *J Neurosurg Spine.* 2005 Jan;2(1):11-6. PubMed PMID: 15658120.
- 249: Bailes JE, Miele VJ. The science of sports medicine. *Clin Neurosurg.* 2004;51:91-101. PubMed PMID: 15571132.
- 250: Miele VJ, Carson L, Carr A, Bailes JE. Acute or chronic subdural hematoma in a female boxer: a case report. *Med Sci Sports Exerc.* 2004 Nov;36(11):1852-5. PubMed PMID: 15514497.
- 251: Deci DM. Chronic subdural hematoma presenting as headache and cognitive impairment after minor head trauma. *W V Med J.* 2004 May-Jun;100(3):106-7. PubMed PMID: 15384743.
- 252: Miele VJ, Bendok B, Bloomfield SM, Ondra SL, Bailes JE. Ventriculoperitoneal shunt dysfunction in adults secondary to conditions causing a transient increase in intra-abdominal pressure: report of three cases. *Neurosurgery.* 2004 Aug;55(2):434. PubMed PMID: 15314826.
- 253: Boling WW, Olivier A. Localization of hand sensory function to the pli de passage moyen of Broca. *J Neurosurg.* 2004 Aug;101(2):278-83. PubMed PMID: 15309919.
- 254: Carr AM, Bailes JE, Helmkamp JC, Rosen CL, Miele VJ. Neurological injury and death in all-terrain vehicle crashes in West Virginia: a 10-year retrospective review. *Neurosurgery.* 2004 Apr;54(4):861-6; discussion 866-7. PubMed PMID: 15046651.
- 255: Alway SE, Degens H, Krishnamurthy G, Chaudhrai A. Denervation stimulates apoptosis but not Id2 expression in hindlimb muscles of aged rats. *J Gerontol A Biol Sci Med Sci.* 2003 Aug;58(8):687-97. PubMed PMID: 12902526.
- 256: Nestor SL, Perry A, Kurtkaya O, Abell-Aleff P, Rosemblat AM, Burger PC, Scheithauer BW. Melanocytic colonization of a meningotheelial meningioma: histopathological and ultrastructural findings with immunohistochemical and genetic correlation: case report. *Neurosurgery.* 2003 Jul;53(1):211-4; discussion 214-5. PubMed PMID: 12823892.
- 257: Miele VJ, Bailes JE, Voelker JL. Boxing and the neurosurgeon. *Clin Neurosurg.* 2002;49:396-406. PubMed PMID: 12506564.
- 258: Bailes JE. Carotid endarterectomy. *Neurosurgery.* 2002 Jun;50(6):1290-5. Review. PubMed PMID: 12015848.
- 259: Prabhu VC, Bailes JE. Chronic subdural hematoma complicating arachnoid cyst secondary to soccer-related head injury: case report. *Neurosurgery.* 2002 Jan;50(1):195-7; discussion 197-8. PubMed PMID: 11844251.

- 260: Bailes JE Jr, Van der Veer CA. Surgical management of patients with sports-related spinal injuries. Clin Neurosurg. 2001;48:243-59. Review. PubMed PMID: 11692645.
- 261: Wilkinson CC, Multani J, Bailes JE. Chronic subdural hematoma presenting with symptoms of transient ischemic attack (TIA): a case report. W V Med J. 2001 Jul-Aug;97(4):194-6. PubMed PMID: 11558288.
- 262: Kohli K, Ngan P, Crout R, Linscott CC. A survey of local and topical anesthesia use by pediatric dentists in the United States. Pediatr Dent. 2001 May-Jun;23(3):265-9. PubMed PMID: 11447962.
- 263: Raylman RR, Majewski S, Weisenberger AG, Popov V, Wojcik R, Kross B, Schreiman JS, Bishop HA. Positron emission mammography-guided breast biopsy. J Nucl Med. 2001 Jun;42(6):960-6. PubMed PMID: 11390563.
- 264: Prabhu VC, France JC, Voelker JL, Zoarski GH. Vertebral artery pseudoaneurysm complicating posterior C1-2 transarticular screw fixation: case report. Surg Neurol. 2001 Jan;55(1):29-33; discussion 33-4. PubMed PMID: 11248307.
- 265: Kaufman HH. The expert witness. Neither Frye nor Daubert solved the problem: what can be done? Sci Justice. 2001 Jan-Mar;41(1):7-20. PubMed PMID: 11215302.
- 266: Khosrovi H, Sadrolhefazi A, el-Kadi H, Bloomfield SM, Schochet SS. Intradural convexity chondroma: a case report and review of diagnostic features. W V Med J. 2000 Nov-Dec;96(6):612-6. Review. PubMed PMID: 11194092.
- 267: Bailes JE, Cantu RC. Head injury in athletes. Neurosurgery. 2001 Jan;48(1):26-45; discussion 45-6. Review. PubMed PMID: 11152359.
- 268: Voelker JL, Sambasivan M. The role of craniotomy and trephination in the treatment of chronic subdural hematoma. Neurosurg Clin N Am. 2000 Jul;11(3):535-40. PubMed PMID: 10918026.
- 269: Voelker JL. Nonoperative treatment of chronic subdural hematoma. Neurosurg Clin N Am. 2000 Jul;11(3):507-13. Review. PubMed PMID: 10918022.
- 270: Sadrolhefazi A, Bloomfield SM. Interhemispheric and bilateral chronic subdural hematoma. Neurosurg Clin N Am. 2000 Jul;11(3):455-63. Review. PubMed PMID: 10918015.
- 271: Prabhu VC, Kaufman HH, Voelker JL, Aronoff SC, Niewiadomska-Bugaj M, Mascaro S, Hobbs GR. Prophylactic antibiotics with intracranial pressure monitors and external ventricular drains: a review of the evidence. Surg Neurol. 1999 Sep;52(3):226-36; discussion 236-7. PubMed PMID: 10511079.
- 272: Riggs JE, Schochet SS Jr, Hogg JP. Delayed diffuse upper motor neuron syndrome after compressive thoracic myelopathy. Mil Med. 1999 Sep;164(9):666-8. PubMed PMID: 10495641.
- 273: Gupta NC, Nicholson P, Bloomfield SM. FDG-PET in the staging work-up of patients with suspected intracranial metastatic tumors. Ann Surg. 1999 Aug;230(2):202-6. PubMed PMID: 10450734; PubMed Central PMCID: PMC1420862.
- 274: Miller GR, Smith CA, Stauber WT. Determination of fibrosis from cryostat sections using high performance liquid chromatography: skeletal muscle. Histochem J. 1999 Feb;31(2):89-94. PubMed PMID: 10416680.
- 275: Broadman LM. Blocks and other techniques pediatric surgeons can employ to reduce

- postoperative pain in pediatric patients. *Semin Pediatr Surg.* 1999 Feb;8(1):30-3. PubMed PMID: 10065567.
- 276: Hochberg J, Ardenghi M, Yuen J, Gonzalez-Cruz R, Miura Y, Conrado RM, Pait TG. Muscle and musculocutaneous flap coverage of exposed spinal fusion devices. *Plast Reconstr Surg.* 1998 Aug;102(2):385-9; discussion 390-2. PubMed PMID: 9703074.
- 277: Khosrovi H, Kaufman HH, Hrabovsky E, Bloomfield SM, Prabhu V, el-Kadi HA. Laparoscopic-assisted distal ventriculoperitoneal shunt placement. *Surg Neurol.* 1998 Feb;49(2):127-34; discussion 134-5. PubMed PMID: 9457261.
- 278: Voelker JL, Ortiz O. Delayed deterioration after head trauma due to traumatic aneurysm. *W V Med J.* 1997 Nov-Dec;93(6):317-9. PubMed PMID: 9439194.
- 279: Voelker JL, Kaufman HH. Intraparenchymal hemorrhage. *New Horiz.* 1997 Nov;5(4):342-51. Review. PubMed PMID: 9433986.
- 280: Khosrovi H, Ortiz O, Kaufman HH, Schochet SS Jr, Reddy GN, Simmons D. Massive osteolysis of the skull and upper cervical spine. Case report and review of the literature. *J Neurosurg.* 1997 Nov;87(5):773-80. Review. PubMed PMID: 9347990.
- 281: Kofke WA, Tempelhoff R, Dasheiff RM. Anesthetic implications of epilepsy, status epilepticus, and epilepsy surgery. *J Neurosurg Anesthesiol.* 1997 Oct;9(4):349-72. Review. PubMed PMID: 9339409.
- 282: Killeffer JA, Kaufman HH. Inadvertent intraoperative myelography with Hypaque: case report and discussion. *Surg Neurol.* 1997 Jul;48(1):70-3. Review. PubMed PMID: 9199689.
- 283: Baylis C, Braith R, Santmyire BR, Engels K. Renal nerves do not mediate vasoconstrictor responses to acute nitric oxide synthesis inhibition in conscious rats. *J Am Soc Nephrol.* 1997 Jun;8(6):887-92. PubMed PMID: 9189854.
- 284: Kaufman HH, Goodrich JT. Byron Stookey: "the old lion"-an unsung giant of neurosurgery. *Neurosurgery.* 1997 Feb;40(2):383-7; discussion 387-8. PubMed PMID: 9007874.
- 285: Nugent GR. Radiofrequency treatment of trigeminal neuralgia using a cordotomy-type electrode. A method. *Neurosurg Clin N Am.* 1997 Jan;8(1):41-52. Review. PubMed PMID: 9018704.
- 286: Hogg JP, Shank T, Gingold M, Bodensteiner J, Schochet SS, Kaufman HH. Childhood presentation of idiopathic epidural lipomatosis: a case report with magnetic resonance imaging and pathologic confirmation. *J Child Neurol.* 1996 May;11(3):236-40. PubMed PMID: 8734029.
- 287: Ortiz O, Pait TG, McAllister P, Sauter K. Postoperative magnetic resonance imaging with titanium implants of the thoracic and lumbar spine. *Neurosurgery.* 1996 Apr;38(4):741-5. PubMed PMID: 8692394.
- 288: Kaufman HH. Care and variations in the care of patients with gunshot wounds to the brain. *Neurosurg Clin N Am.* 1995 Oct;6(4):727-39. Review. PubMed PMID: 8527914.
- 289: Kaufman HH, Levy ML, Stone JL, Masri LS, Lichtor T, Lavine SD, Fitzgerald LF, Apuzzo ML. Patients with Glasgow Coma Scale scores 3, 4, 5 after gunshot wounds to the brain. *Neurosurg Clin N Am.* 1995 Oct;6(4):701-14. Review. PubMed PMID: 8527912.
- 290: Pait TG, McAllister PV, Kaufman HH. Quadrant anatomy of the articular pillars (lateral cervical

- mass) of the cervical spine. *J Neurosurg.* 1995 Jun;82(6):1011-4. PubMed PMID: 7760174.
- 291: Barbaccia JJ. Myoclonus in the postanesthesia care unit after an intraoperative myelogram. *Anesth Analg.* 1995 Feb;80(2):413-4. PubMed PMID: 7818134.
- 292: Bloomfield S, Hogg J, Ortiz O, Gross R. Analysis of breakthrough pain in 50 patients treated with intrathecal morphine infusion therapy. Development of tolerance or infusion system malfunction. *Stereotact Funct Neurosurg.* 1995;65(1-4):142-6. PubMed PMID: 8916344.
- 293: Tenschert S, Elger M, Lemley KV. Glomerular hypertrophy after subtotal nephrectomy: relationship to early glomerular injury. *Virchows Arch.* 1995;426(5):509-17. PubMed PMID: 7633661.
- 294: Sauter K, Kaufman HH, Bloomfield SM, Cline S, Banks D. Treatment of high-dose intrathecal morphine overdose. Case report. *J Neurosurg.* 1994 Jul;81(1):143-6. Erratum in: *J Neurosurg* 1994 Nov;81(5):813. PubMed PMID: 8207519.
- 295: Michalkiewicz M, Huffman LJ, Dey M, Hedge GA. Immunization against vasoactive intestinal peptide does not affect thyroid hormone secretion or thyroid blood flow. *Am J Physiol.* 1994 Jun;266(6 Pt 1):E905-13. PubMed PMID: 8023921.
- 296: Kaufman HH, Bodensteiner J, Burkart B, Gutmann L, Kopitnik T, Hochberg V, Loy N, Cox-Ganser J, Hobbs G. Treatment of spastic gait in cerebral palsy. *W V Med J.* 1994 May;90(5):190-2. PubMed PMID: 8053168.
- 297: Sinha PP, Bloomfield S, Smith GK. The treatment of intracranial lesions with stereotactic radiosurgery. *W V Med J.* 1994 May;90(5):186-9. PubMed PMID: 8053167.
- 298: Whisnant CS, Goodman RL. Effect of anterior hypothalamic deafferentation on the negative feedback of gonadal steroids on luteinizing hormone pulse frequency in the ewe. *Domest Anim Endocrinol.* 1994 Apr;11(2):151-9. PubMed PMID: 8045097.
- 299: Havern RL, Whisnant CS, Goodman RL. Dopaminergic structures in the ovine hypothalamus mediating estradiol negative feedback in anestrous ewes. *Endocrinology.* 1994 Apr;134(4):1905-14. PubMed PMID: 7907976.
- 300: McCallister P, Kaufman HH. Spinal epidural metastases: a common problem for the primary care physician. *W V Med J.* 1994 Mar;90(3):101-5. PubMed PMID: 8197740.
- 301: Michalkiewicz M, Suzuki M. Adenohypophyseal vasoactive intestinal peptide and neuropeptide Y responses to hypothyroidism are abolished after anterolateral deafferentation of the hypothalamus. *Neuroendocrinology.* 1994 Jan;59(1):85-91. PubMed PMID: 8145898.
- 302: Kaufman HH. Treatment of deep spontaneous intracerebral hematomas. A review. *Stroke.* 1993 Dec;24(12 Suppl):I101-6; discussion I107-8. Review. PubMed PMID: 8249004.
- 303: Willison CD, Schochet SS Jr, Voelker JL. Cranial epidural fibrous tumor associated with hyperostosis: a case report. *Surg Neurol.* 1993 Dec;40(6):508-11. PubMed PMID: 8235976.
- 304: Yassini PR, Sauter K, Schochet SS, Kaufman HH, Bloomfield SM. Localized hypertrophic mononeuropathy involving spinal roots and associated with sacral meningocele. Case report. *J Neurosurg.* 1993 Nov;79(5):774-8. Review. PubMed PMID: 8410259.
- 305: Kaufman HH, McAllister P, Taylor H, Schmidt S. Intracerebral hematoma related to thrombolysis

- for myocardial infarction. *Neurosurgery*. 1993 Nov;33(5):898-900; discussion 900-1. PubMed PMID: 8264890.
- 306: Kaufman HH. Civilian gunshot wounds to the head. *Neurosurgery*. 1993 Jun;32(6):962-4; discussion 964. PubMed PMID: 8327099.
- 307: Kaufman HH, Hochberg J, Anderson RP, Schochet SS Jr, Simmons GM Jr. Treatment of calcified cephalohematoma. *Neurosurgery*. 1993 Jun;32(6):1037-9; discussion 1039-40. PubMed PMID: 8327081.
- 308: Kaufman HH. Treatment of head injuries in the American Civil War. *J Neurosurg*. 1993 May;78(5):838-45. PubMed PMID: 8468618.
- 309: Kaufman HH, Voelker JL. Indications for carotid endarterectomy. *W V Med J*. 1993 Mar;89(3):106-8. PubMed PMID: 8475622.
- 310: Traynelis VC, Gold M. Cervical spine injury in an air-bag-equipped vehicle. *J Spinal Disord*. 1993 Feb;6(1):60-1. PubMed PMID: 8439719.
- 311: Blumenthal D, Berho M, Bloomfield S, Schochet SS Jr, Kaufman HH. Childhood meningioma associated with meningio-angiomatosis. Case report. *J Neurosurg*. 1993 Feb;78(2):287-9. PubMed PMID: 8421212.
- 312: Kaufman HH, Timberlake G, Voelker J, Pait TG. Medical complications of head injury. *Med Clin North Am*. 1993 Jan;77(1):43-60. Review. PubMed PMID: 8419723.
- 313: Kaufman HH, Schwab K, Salazar AM. A national survey of neurosurgical care for penetrating head injury. *Surg Neurol*. 1991 Nov;36(5):370-7. PubMed PMID: 1745962.
- 314: Kaufman HH, Lewin J, Munzner R, Pearson J, Sullivan R, Rector S, Vannoy DW, Frost JL, Brisell D. Ethical and legal responsibilities of the neurosurgeon: selected topics. *Neurosurgery*. 1991 Jun;28(6):918-23. PubMed PMID: 2067622.
- 315: Traynelis VC, Willison CD, Follett KA, Chambers J, Schochet SS Jr, Kaufman HH. Millipore analysis of valvular fluid in sterile valve malfunctions. *Neurosurgery*. 1991 Jun;28(6):848-52. PubMed PMID: 2067607.
- 316: Kaufman HH. Treatment of civilian gunshot wounds to the head. *Neurosurg Clin N Am*. 1991 Apr;2(2):387-97. Review. PubMed PMID: 1821748.
- 317: Donnelly PJ, Dailey RA. Effects of dopamine, norepinephrine and serotonin on secretion of luteinizing hormone, follicle-stimulating hormone and prolactin in ovariectomized, pituitary stalk-transected ewes. *Domest Anim Endocrinol*. 1991 Jan;8(1):87-98. PubMed PMID: 1901539.
- 318: Willison CD, Kopitnik TA Jr, Kaufman HH, Tarry W, Vaughan R. Posterior flank approach to the peritoneum for ventriculoperitoneal shunting. *Pediatr Neurosurg*. 1990-1991;16(6):313-5. PubMed PMID: 2134743.
- 319: Colasanti BK. A comparison of the ocular and central effects of delta 9-tetrahydrocannabinol and cannabigerol. *J Ocul Pharmacol*. 1990 Winter;6(4):259-69. PubMed PMID: 1965836.
- 320: Kopitnik TA Jr, de Andrade R Jr, Gold MA, Nugent GR. Pressure changes within a chronic subdural hematoma during hemodialysis. *Surg Neurol*. 1989 Oct;32(4):289-93. PubMed PMID: 2781460.

- 321: Kaufman HH, Herschberger JE, Maroon JC, Wilberger JE, Onik GM. Mechanical aspiration of hematomas in an in vitro model. *Neurosurgery*. 1989 Sep;25(3):347-49; discussion 349-50. PubMed PMID: 2771005.
- 322: Kaufman HH, Geisler FH, Kopitnik T, Higgins W, Stewart D. Detection of brain death in barbiturate coma: the dilemma of an intracranial pulse. *Neurosurgery*. 1989 Aug;25(2):275-7; discussion 277-8. PubMed PMID: 2770991.
- 323: Kaufman HH, Jones E. The principles of bony spinal fusion. *Neurosurgery*. 1989 Feb;24(2):264-70. Review. PubMed PMID: 2645541.
- 324: Traynelis VC, Powell RG, Koss W, Schochet SS Jr, Kaufman HH. Cerebrospinal fluid eosinophilia and sterile shunt malfunction. *Neurosurgery*. 1988 Nov;23(5):645-9. PubMed PMID: 3200398.
- 325: Núñez G, Kaufman H. Ergonomic considerations in the design of neurosurgery instruments. *J Neurosurg*. 1988 Sep;69(3):436-41. PubMed PMID: 3404242.
- 326: Wilson BC, Davidson B, Corey JP, Haydon RC 3rd. Comparison of complications following frontal sinus fractures managed with exploration with or without obliteration over 10 years. *Laryngoscope*. 1988 May;98(5):516-20. PubMed PMID: 3362014.
- 327: Connors JM, Huffman LJ, Hedge GA. Effects of thyrotropin on the vascular conductance of the thyroid gland. *Endocrinology*. 1988 Mar;122(3):921-9. PubMed PMID: 3342758.
- 328: Colasanti BK, Wilkinson A. Autonomic drug effects after chronic lowering of ocular cholinergic input. II. Intraocular pressure responses. *J Ocul Pharmacol*. 1988 Fall;4(3):221-30. PubMed PMID: 3198984.
- 329: Haid RW Jr, Kaufman HH, Schochet SS Jr, Marano GD. Epidural lipomatosis simulating an epidural abscess: case report and literature review. *Neurosurgery*. 1987 Nov;21(5):744-7. PubMed PMID: 3696415.
- 330: Colasanti BK. Autonomic drug effects after chronic lowering of ocular cholinergic input. I. Pupillary responses. *J Ocul Pharmacol*. 1987 Spring;3(1):23-9. PubMed PMID: 3503907.
- 331: Kopitnik TA Jr, Kaufman HH, Haid RW, Marano GD, Nugent GR. Technique of stereotactic biopsy of two cranial target employing spherical coordinates to define a single trajectory. *Appl Neurophysiol*. 1987;50(1-6):188-94. PubMed PMID: 3329844.
- 332: Kaufman HH, Wiegand RL, Tunick RH. Teaching surgeons to operate—principles of psychomotor skills training. *Acta Neurochir (Wien)*. 1987;87(1-2):1-7. Review. PubMed PMID: 3314366.
- 333: Colasanti BK. Possible mechanisms underlying the differential effects of selective inhibitors of type A and type B monoamine oxidase on intraocular pressure in the cat. *J Ocul Pharmacol*. 1986 Winter;2(1):1-8. PubMed PMID: 3139805.
- 334: Fox JL. Microsurgical exposure of intracranial aneurysms. *J Microsurg*. 1979 Jul-Aug;1(1):2-31. Review. PubMed PMID: 16317925.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**



Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=west_virginia_university

Last update: **2024/06/07 02:57**