

**Department of Neurological Surgery
University of Washington, Seattle, WA
2019 Faculty, Fellow, and Resident Publications
Peer Reviewed: 165
Books, Book Chapters: 23**

Faculty: **Bold**; Fellows: *Italics*; Residents: Underlined

PUBLICATIONS

1. GBD 2016 Neurology Collaborators (510, including **Ellenbogen RG**). Global, regional, and national burden of neurological disorders, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. *Lancet Neurol.* 2019;18(5):459-80. Epub 2019/03/19. doi: 10.1016/s1474-4422(18)30499-x. PubMed PMID: 30879893; PubMed Central PMCID: PMC6459001.
2. GBD 2016 Brain and Other CNS Cancer Collaborators (86, including **Ellenbogen RG**). Global, regional, and national burden of brain and other CNS cancer, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. *Lancet Neurol.* 2019;18(4):376-93. Epub 2019/02/25. doi: 10.1016/s1474-4422(18)30468-x. PubMed PMID: 30797715; PubMed Central PMCID: PMC6416167.
3. Abecassis IJ, Sen R, Kelly CM, Levy S, Barber J, Ghodke B, **Levitt M**, **Kim LJ**, **Sekhar LN**. Clinical outcomes and cost-effectiveness analysis for the treatment of basilar tip aneurysms. *J Neurointerv Surg.* 2019;11(12):1210-5. Epub 2019/06/27. doi: 10.1136/neurintsurg-2019-014747. PubMed PMID: 31239332.
4. Ahmad FU, Bisson EF, Burks SS, Chang JJ, Chugh AJ, Cote I, Frerich JM, Gersey ZC, Hendricks BK, Karsy M, Kasliwal M, *Krause KL*, Manzano GR, Morgan CD, Snyder LA, Swinney CC, Than KD, Theodotou CB, Veeravagu A, Ventura J. *Spine. Oper Neurosurg (Hagerstown).* 2019;17(Supplement_2):S153-s81. Epub 2019/05/18. doi: 10.1093/ons/opz073. PubMed PMID: 31099842.
5. Alali AS, **Temkin N**, Vavilala MS, Lele AV, Barber J, Dikmen S, **Chesnut RM**. Matching early arterial oxygenation to long-term outcome in severe traumatic brain injury: target values. *J Neurosurg.* 2019;1-8. Epub 2019/02/10. doi: 10.3171/2018.10.Jns18964. PubMed PMID: 30738409.
6. Alawieh A, *Kellogg RT*, Chatterjee AR, Korson C, Lajthia O, Anadani M, Lena J, Spiotta AM. Technical and Clinical Outcomes After Thrombectomy for the Various Segments of the Middle Cerebral Artery. *World Neurosurg.* 2019;128:e445-e53. Epub 2019/05/03. doi: 10.1016/j.wneu.2019.04.175. PubMed PMID: 31042600.
7. Aldape K, Brindle KM, Chesler L, Chopra R, Gajjar A, Gilbert MR, Gottardo N, Gutmann DH, Hargrave D, **Holland EC**, Jones DTW, Joyce JA, Kearns P, Kieran MW, Mellinshoff IK, Merchant M, Pfister SM, Pollard SM, Ramaswamy V, Rich JN, Robinson GW, Rowitch DH, Sampson JH, Taylor MD, Workman P, Gilbertson RJ. Reply to 'Assembling the brain trust: the multidisciplinary imperative in neuro-oncology'. *Nat Rev Clin Oncol.* 2019;16(8):522-3. Epub 2019/06/01. doi: 10.1038/s41571-019-0236-y. PubMed PMID: 31150022.

8. Aldape K, Brindle KM, Chesler L, Chopra R, Gajjar A, Gilbert MR, Gottardo N, Gutmann DH, Hargrave D, **Holland EC**, Jones DTW, Joyce JA, Kearns P, Kieran MW, Mellinghoff IK, Merchant M, Pfister SM, Pollard SM, Ramaswamy V, Rich JN, Robinson GW, Rowitch DH, Sampson JH, Taylor MD, Workman P, Gilbertson RJ. Challenges to curing primary brain tumours. *Nat Rev Clin Oncol*. 2019;16(8):509-20. Epub 2019/02/09. doi: 10.1038/s41571-019-0177-5. PubMed PMID: 30733593; PubMed Central PMCID: PMC6650350.
9. Alexander MD, Halbach VV, **Hallam DK**, Cooke DL, Ghodke B, Dowd CF, Amans MR, Hetts SW, Higashida RT, Meyers PM. Relationship of clinical presentation and angiographic findings in patients with indirect cavernous carotid fistulae. *J Neurointerv Surg*. 2019;11(9):937-9. Epub 2019/02/20. doi: 10.1136/neurintsurg-2018-014421. PubMed PMID: 30777891.
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11. Arthur AS, Abecassis IJ, Abi-Aad KR, Albuquerque FC, Almefty RO, Aoun RJN, Barrow DL, Bederson J, Bendok BR, Ducruet AF, Fanous AA, Fennell VS, Flores BC, Griessenauer CJ, **Kim LJ, Levitt MR**, Mack WJ, Mascitelli J, Min E, Mocco J, Morr S, Nerva JD, Richards AE, Schirmer CM, See AP, Snyder KV, Tian F, Walcott BP, Welz ME. *Vascular. Oper Neurosurg (Hagerstown)*. 2019;17(Supplement_2):S76-s118. Epub 2019/05/18. doi: 10.1093/ons/0p088. PubMed PMID: 31099843.
12. Athiraman U, Aum D, Vellimana AK, Osbun JW, Dhar R, Tempelhoff R, Zipfel GJ. Evidence for a conditioning effect of inhalational anesthetics on angiographic vasospasm after aneurysmal subarachnoid hemorrhage. *J Neurosurg*. 2019;1-7. Epub 2019/06/15. doi: 10.3171/2019.3.Jns183512. PubMed PMID: 31200380.
13. Baertsch NA, **Ramirez JM**. Insights into the dynamic control of breathing revealed through cell-type-specific responses to substance P. *Elife*. 2019;8. Epub 2019/12/06. doi: 10.7554/eLife.51350. PubMed PMID: 31804180.
14. Baertsch NA, Severs LJ, Anderson TM, **Ramirez JM**. A spatially dynamic network underlies the generation of inspiratory behaviors. *Proc Natl Acad Sci U S A*. 2019;116(15):7493-502. Epub 2019/03/29. doi: 10.1073/pnas.1900523116. PubMed PMID: 30918122; PubMed Central PMCID: PMC6462111.
15. Bales JW, Bonow RH, Buckley RT, Barber J, **Temkin N, Chesnut RM**. Primary External Ventricular Drainage Catheter Versus Intraparenchymal ICP Monitoring: Outcome Analysis. *Neurocrit Care*. 2019;31(1):11-21. Epub 2019/05/01. doi: 10.1007/s12028-019-00712-9. PubMed PMID: 31037639.
16. Barkley AS, Spece LJ, Barros LM, Bonow RH, **Ravanpay A, Ellenbogen R**, Huoy P, Thy T, Sothea S, Pak S, LoGerfo J, Lele AV. A mixed-methods needs assessment of traumatic brain injury care in a low- and middle-income country setting: building neurocritical care capacity at two major hospitals in Cambodia. *J Neurosurg*. 2019;1-7. Epub 2019/12/21. doi: 10.3171/2019.10.Jns192118. PubMed PMID: 31860819.

17. Barkley AS, Susarla SM, **Lee A**. Frontotemporal Dermal Sinus Tract with 2 Connected Intradiploic Dermoid Cysts: A Rare Case and Review of the Literature. *World Neurosurg.* 2019;127:350-3. Epub 2019/04/02. doi: 10.1016/j.wneu.2019.03.222. PubMed PMID: 30930322.
18. Barros G, Bass DJ, Osbun JW, Chen SH, Brunet MC, Peterson EC, **Walker M**, Kelly CM, **Levitt MR**. Left transradial access for cerebral angiography. *J Neurointerv Surg.* 2019. Epub 2019/10/28. doi: 10.1136/neurintsurg-2019-015386. PubMed PMID: 31649205.
19. Barros G, Feroze AH, Sen R, Kelly CM, Barber J, **Hallam DK**, Ghodke B, Osbun JW, **Kim LJ**, **Levitt MR**. Predictors of preoperative endovascular embolization of meningiomas: subanalysis of anatomic location and arterial supply. *J Neurointerv Surg.* 2019. Epub 2019/07/17. doi: 10.1136/neurintsurg-2019-015129. PubMed PMID: 31308198.
20. Barros G, McGrath L, **Gelfenbeyn M**. Sacroiliac Joint Dysfunction in Patients With Low Back Pain. *Fed Pract.* 2019;36(8):370-5. Epub 2019/08/29. PubMed PMID: 31456628; PubMed Central PMCID: PMC6707638 interest with regard to this article.
21. Barry M, **Hallam DK**, Bernard TJ, Amlie-Lefond C. What is the Role of Mechanical Thrombectomy in Childhood Stroke? *Pediatr Neurol.* 2019;95:19-25. Epub 2019/02/24. doi: 10.1016/j.pediatrneurol.2019.01.009. PubMed PMID: 30795888.
22. Bass DJ, Buckley R, Meyer RM, Lawrence B, Paschall C, **Ojemann J**, **Ko AL**. Standard Free Versus Osteoplastic Craniotomy: Assessment of Complication Rates During Intracranial Electroencephalogram Electrode Placement for Seizure Localization. *World Neurosurg.* 2019;132:e599-e603. Epub 2019/08/24. doi: 10.1016/j.wneu.2019.08.066. PubMed PMID: 31442661.
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phenotype in a mouse model of Leigh syndrome. *Elife*. 2019;8. Epub 2019/08/14. doi: 10.7554/eLife.47163. PubMed PMID: 31403401; PubMed Central PMCID: PMC6731060.

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31. *Caldwell DJ, Cronin JA, Wu J, Weaver KE, Ko AL, Rao RPN, Ojemann JG*. Direct stimulation of somatosensory cortex results in slower reaction times compared to peripheral touch in humans. *Sci Rep*. 2019;9(1):3292. Epub 2019/03/03. doi: 10.1038/s41598-019-38619-2. PubMed PMID: 30824821; PubMed Central PMCID: PMC6397274.

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