

Neuroscience Publications 2018-2020

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Neurology 2018

1. DePledge L, Repovic P, **Bowen JD**, Qian P, Severson B, Hamilton S, Keung B, May E. *Saccadic Intrusions Are Rare In Multiple Sclerosis*. NANOS, 3/18.
2. Georges G, *Autologous Hematopoietic Stem Cell Transplantation May Be Highly Effective Treatment for Severe, Treatment Refractory Stiff Person Syndrome*. Abstract 483, platform presentation. AAN, 4/18.
3. **Bowen JD**, Kozma CM, Grosso M, Taha K, Phillips AL. *Relapse in Patients with Multiple Sclerosis Newly Initiating sclFN?1a Compared with Oral Disease-Modifying Drugs: A Real-World Assessment*. Abstract 511. AAN, 4/18.
4. DePledge L, Repovic P, **Bowen JD**, Qian P, Severson B, Hamilton S, Keung B, May E. *Saccadic Intrusions Are Rare In Multiple Sclerosis*. Abstract 3273. AAN, 4/18.
5. *Shared Decision Making through Mobile Technology: Formula for Improved Patient Outcomes*. Poster 5403. CMSC 5/18.
6. Robertson K, Larson EB, Crane PK, Cholerton B, McCormick WC, McCurry SM, **Bowen JD**, Baker LD and Trittschuh E. *Using varying Mild Cognitive Impairment (MCI) diagnostic criteria to examine MCI prevalence and predict dementia incidence in a community-based sample*. Am Acad Clin Neuropsychol, San Diego, CA. 6/18.
7. Kresa-Reahl K, **Repovic P**, Robertson D, Okwuokenye M, Meltzer L, Mendoza JP. *Effectiveness of delayed-release dimethyl fumarate on clinical and patient-reported outcomes in patients with relapsing multiple sclerosis switching from glatiramer acetate: RESPOND, a prospective observational study*. Clin Ther. 2018 Dec;40(12):2077-2087.
8. Fox RJ, Coffey CS, Conwit R, Cudkowicz ME, Gleason T, Goodman A, Klawiter EC, Matsuda K, McGovern M, Naismith RT, Ashokkumar A, Barnes J, Ecklund D, Klingner E, Koeppe M, Long JD, Natarajan S, Thornell B, Yankey J, Bermel RA, Debbins JP, Huang X, Jagodnik P, Lowe MJ, Nakamura K, Narayanan S, Sakaie KE, Thoomukuntla B, Zhou X, Krieger S, Alvarez E, Apperson M, Bashir K, Cohen BA, Coyle PK, Delgado S, Dewitt LD, Flores A, Giesser BS, Goldman MD, Jubelt B, Lava N, Lynch SG, Moses H, Ontaneda D, Perumal JS, Racke M, **Repovic P**, Riley CS, Severson C, Shinnar S, Suski V, Weinstock-Guttman B, Yadav V, Zabeti A; NN102/SPRINT-MS Trial Investigators. *Phase 2 Trial of Ibudilat in Progressive Multiple Sclerosis*. N Engl J Med. 2018 Aug 30;379(9):846-855.
9. Yarnykh VL, Krutenkova PE, Aitmagambetova G, **Repovic P**, **Mayadev A**, Qian P, Jung Henson LK, Gangadharan B, Bowen JD. *Iron-insensitive quantitative assessment of subcortical gray matter demyelination in multiple sclerosis using macromolecular proton fraction*. Am J Neuroradiol. 2018 Apr;39(4):618-625.
10. Kinnear K, Warner NM, Gersappe A, **Doherty MJ**. *Pilot data on responsive epilepsy neurostimulation, measures of sleep apnea and continuous glucose measurements*. *Epilepsy and Behavior Case Reports*. 2018;9: 33-36
11. Kinnear K, Warner NM, Haltiner AM, **Doherty MJ**. *Continuous monitoring devices and seizure patterns by glucose, time and lateralized seizure onset*. *Epilepsy and Behavior Case Reports* 2018;10:65-70.

12. Allen LL, Morrison KL, Scott WAE, Shinn S, Haltiner AM, **Doherty MJ** *Differences between stance and foot preference evident in Osprey (Pandion haliaetus) fish holding during movement, Brain and Behavior*, 8(11):e01126. doi: 10.1002/brb3.112
13. Garson SR, Monteith SJ, Smith SD, Keogh BP, Gwinn RP, **Doherty MJ** *Down syndrome associated moyamoya may worsen epilepsy control and can benefit from surgical revascularization. In press, Epilepsy and Behavior Case Reports* 2018 Oct 9;11:14-17
14. Kollmyer DM, Wright KE, Warner NM, **Doherty MJ**. *Are there mortality risks for patients with epilepsy who use cannabis treatments as monotherapy?* *Epilepsy Behav Case Rep*. 2018 Dec 3;11:52-53.
15. **Elliott MA**, Malvar H, Maassel L et al *Hands-Free Power Wheelchair Study in ALS*, Poster Presentation, 17th Annual Northeast ALS Symposium, Clearwater, FL, October 2018
16. **Wei J**, Robbins MS, *Greater Occipital Nerve Injection versus Oral Steroids for Short Term Prophylaxis of Cluster Headache: A Retrospective Comparative Study. Headache*. 2018 Jun;58(6):852-858. doi: 10.1111/head.13334. Epub 2018 May 21.
17. Freifeld, Y, Kapur, P, Chitkara, R, Lee, F, **Khemani, P**, Bagrodia, A. *Metastatic “burned out” seminoma causing neurological paraneoplastic syndrome-not quite “burned out.”* *Front Neurol*. 2018 Jan 30;9:20. doi: 10.3389/fneur.2018.00020.
18. Orengo JP, **Khemani P**, Day JW, Li J, Siskind CE. *Charcot Marie Tooth disease type 4J with complex central nervous system features*. *Ann Clin Transl Neurol*. 2018 Jan 22;5(2)222-225. Doi: 10.1002/acn3.525
19. Radke PM, Rubinstein TJ, **Hamilton SR**, Jamil AL, Sires BS. *The Translaminar Pressure Gradient: Papilledema After Trabeculectomy Treated With Optic Nerve Sheath Fenestration*. *J Glaucoma*. 2018 Oct;27(10):e154-e157. doi: 10.1097/IJG.0000000000001021.
20. Ballester LY, Dunbar E, Guha-Thakurta N, **Henson JW**, Chandler H, Watkins J, Fuller GN. *Primary Leptomeningeal Oligodendroglioma, IDH-Mutant, 1p/19q-Codeleted*. *Front Neurol*. 2018 Aug 27;9:700. doi: 10.3389/fneur.2018.00700. eCollection 2018.
21. Bednar EM, Walsh MT Jr, Baker E, Muse KI, Oakley HD, Krukenberg RC, Dresbold CS, Jenkinson SB, Eppolito AL, Teed KB, Klein MH, Morman NA, Bowdish EC, Russ P, Wise EE, Cooper JN, Method MW, **Henson JW**, Grainger AV, Arun BK, Lu KH. *Creation and Implementation of an Environmental Scan to Assess Cancer Genetics Services at Three Oncology Care Settings*. *J Genet Couns*. 2018 May 16. doi: 10.1007/s10897-018-0262-4. [Epub ahead of print]
22. McCullough BJ, Ader V, Aguedan B, Feng X, Susanto D, **Benkers TL**, **Henson JW**, Mayberg M, Cobbs CS, Gwinn RP, Monteith SJ, Newell DW, Delashaw J Jr, Fouke SJ, Rostad S, Keogh BP. *Preoperative relative cerebral blood volume analysis in gliomas predicts survival and mitigates risk of biopsy sampling error*. *J Neurooncol*. 2018 Jan;136(1):181-188. doi: 10.1007/s11060-017-2642-2. Epub 2017 Nov 2. PubMed PMID: 29098571., *J Neurooncol*. 2018 Jan;136(1):181-188. doi: 10.1007/s11060-017-2642-2.

Neurology 2019

1. Rudell E, Peterson P, **Bowen J**, Pelletier D. *Neuroimaging in Multiple Sclerosis*. *ACTRIMS*, 2/19.

2. **Bowen J**, Damian D, Hyvert Y, Dangond F, Jones D, Grosso M, Leist T. *The effect of cladribine tablets on delaying the time to conversion to CDMS or McDonald MS is consistent across subgroups in the ORACLE-MS study*. AAN 5/19.
3. Simmons S, Ciol M, Ehde D, Nelson I, Kloss A, **Bowen JD**, Kraft GH. *Somatosensory evoked potential testing suggests greater central nervous system nerve conduction slowing in relapsing-remitting multiple sclerosis (MS) and secondary progressive MS than in primary progressive MS*. CMSC 5/19.
4. **Mayadev A**, Yilmaz E, Kobata K, Cambier Z, Babiarz S, Norvell D, **Bowen JD**, Chapman J. *Experience of the hybrid assistive limb (HAL) robotic device to improve rehabilitation in patients with progressive demyelinating disease and nondemyelinating disease: an interim analysis*. CMSC 5/19.
5. Rudell E, Peterson P, Griffin A, Agrawal T, Ingram M, **Bowen JD**. *Cognitive Impairment in Multiple Sclerosis: A Look at Phenotypes*. CMSC late breaking. 5/19
6. Blecher R, **Elliott MA**, Yilmaz E, Dettori JR, et al, *Contact Sports as a Risk Factor for Amyotrophic Lateral Sclerosis. A Systematic Review*. Global Spine Journal, 2019;9(1):104-118
7. **Elliott MA**, Malvar H, Maassel LL, et al. *Eye-controlled, power wheelchair performs well for ALS patients*. Muscle & Nerve. 2019;60:513–519. <https://doi.org/10.1002/mus.26655>
8. **Elliott MA**, Baysal I, Qian P, **Mayadev A**, et al. *Amyotrophic Lateral Sclerosis and Multiple Sclerosis: More Evidence Suggesting a Link*, Poster Presentation, 18th Annual ALS Symposium, Clearwater, FL, October 2019
9. **Repovic P**. *Management of Multiple Sclerosis Relapses*. Continuum (Minneapolis) 2019 Jun;25(3):655-669.
10. Cook LJ, Rose JW, Alvey JS, Jolley AM, Kuhn R, Marron B, Pederson M, Enriquez R, Yearley J, McKechnie S, Han MH, Tomczak AJ, Levy M, Mealy MA, Coleman J, Bennett JL, Johnson R, Barnes-Garcia M, Traboulsee AL, Carruthers RL, Lee LE, Schubert JJ, McMullen K, Kister I, Rimler Z, Reid A, Sicotte NL, Planchon SM, Cohen JA, Ivancic D, Sedlak JL, Sand IK, **Repovic P**, Amezcua L, Pruitt A, Amundson E, Chitnis T, Mullin DS, Klawiter EC, Russo AW, Riley CS, Onomichi KB, Levine L, Nelson KE, Nealon NM, Engel C, Kruse-Hoyer M, Marcille M, Tornes L, Rumpf A, Greer A, Kenneally Behne M, Rodriguez RR, Behne DW, Blackway DW, Coords B, Blaschke TF, Sheard J, Smith TJ, Behne JM, Yeaman MR; Guthy-Jackson Charitable Foundation International Clinical Consortium (GJCF-ICC). *Collaborative International Research in Clinical and Longitudinal Experience Study in NMOSD*. Neurol Neuroimmunol Neuroinflamm. 2019 Jun 28;6(5). pii: e583.
11. Wright KE, Kollmyer DM, Warner NM, Haltiner AM, Gwinn RP, **Doherty MJ**. *How might tissue glucose influence responsive neurostimulation detection?* Epilepsy Behav Rep. 2019 Jul 30;12:100331
12. McKinney, W. S., Wang, Z., Kelly, S., **Khemani, P.**, Lui, S., White, S. P., & Mosconi, M. W. (2019). Precision sensorimotor control in aging FMR1 gene premutation carriers. *Frontiers in Integrative Neuroscience*, 13(56). doi:10.3389/fnint.2019.00056
13. **Khemani, P**, Mehdirad, A. *Cardiovascular Disorders Mediated by Autonomic Nervous System Dysfunction*: [accepted for publication in July 2019 in Cardiology in Review] EMID:9dee32d698be96b9

14. Wang, Z, **Khemani, P**, Schmitt, LM, Lui, S, Mosconi, MW. *Static and dynamic postural control deficits in aging fragile X mental retardation 1 (FMR1) gene premutation carriers*. Journal of Neurodevelopmental Disorders (2019) 11:2. doi.org/10.1186/s11689-018-9261-x
15. Miller I, **Sotero de Menezes M.A**. *SCN1A mutations in GeneReviews*. GeneReviews.com. April 2019.
16. Cadavid D, Mellion M, Hupperts R, Edwards KR, Calabresi PA, Drulović J, Giovannoni G, Hartung HP, Arnold DL, Fisher E, Rudick R, Mi S, Chai Y, Li J, Zhang Y, Cheng W, Xu L, Zhu B, Green SM, Chang I, Deykin A, Sheikh SI; (SYNERGY study investigators, **P. Qian**). *Safety and efficacy of opicinumab in patients with relapsing multiple sclerosis (SYNERGY): a randomised, placebo-controlled, phase 2 trial*. Lancet Neurol. 2019 Sep;18(9):845-856. doi: 10.1016/S1474-4422(19)30137-1. Epub 2019 Jul 5.
17. V. L. Yarnykh, E. P. Krutenkova, G. Aitmagambetova, P. Repovic, A. Mayadev, **P. Qian**, L. K. Jung Henson, B. Gangadharan, J. D. Bowen. *Iron-insensitive quantitative assessment of subcortical gray matter demyelination in multiple sclerosis using macromolecular proton fraction AJNR Am J Neuroradiol*. 2018 Feb 8 doi: 10.3174/ajnr.A5542

Neurology 2020

1. **“Individualized OnabotulinumtoxinA Treatment for Spasticity in Multiple Sclerosis Resulted in High Patient and Clinician Satisfaction: The ASPIRE Study”** Daniel S. Bandari,¹ Angeli Mayadev,² Mohamed Sakel,³ Alberto Esquenazi,⁴ Joan Largent,⁵ Aleksej Zuzek,⁶ Gerard E. Francisco⁷
1Multiple Sclerosis Center of California, Newport Beach, CA, USA; 2Multiple Sclerosis Center – Swedish Neuroscience Presented at ACTRIMS 2019 meeting, and will be presented at AAP/ISPMR Feb 2020
2. Lawrence J. Hirsch, Emily A. Mirro, Vicenta Salanova, Thomas C. Witt, Cornelia N. Drees, Meshah-Gay Brown, Ricky W. Lee, Toni L. Sadler, Elizabeth A. Felton, Paul Rutecki, Hae Won Shin, Eldad Hadar, Manu Hegde, Vikram R. Rao, Lilit Mnatsakanyan, Deepak S. Madhavan, Tarek J. Zakaria, Anli A. Liu, Christianne N. Heck, Janet E. Greenwood, Jeffrey K. Bigelow, Dileep R. Nair, Andreas V. Alexopoulos, Michael Mackow, Jonathan C. Edwards, Nadia Sotudeh, Ruben I. Kuzniecky, **Ryder P. Gwinn, Michael J. Doherty**, Eric B. Geller, Martha J. Morrell *Mesial temporal resection following long-term ambulatory intracranial EEG monitoring with a direct brain-responsive neurostimulation system*, Epilepsia; 2020 DOI: 10.1111/epi.16442 (in press)
3. Salinas, MR, Chambers, EJ, Ho, T, Khemani, P, et.al. Patient perceptions and Knowledge of Parkinson Disease and Treatment (KnowPD) (accepted Dec 2019 for publication in Clinical Parkinsonism & Related Disorders)

Neurosurgery 2018

1. **Abdul-Jabbar A, Yilmaz E, Iwanaga J, Tawfik T, O'Lynnner TM**, Schildhauer TA, **Chapman J, Oskouian RJ**, Tubbs RS. *Neurovascular Relationships of S2AI Screw Placement: Anatomic Study*.

- World Neurosurg. 2018 Aug;116:e108-e112. doi: 10.1016/j.wneu.2018.04.095. Epub 2018 Apr 22. PubMed PMID: 29689397.
2. Ahn J, Duran M, Syldort S, Rizvi A, D'Antoni AV, Johal J, Iwanaga J, **Oskouian RJ**, Tubbs RS. *Arcuate Foramen: Anatomy, Embryology, Nomenclature, Pathology, and Surgical Considerations*. World Neurosurg. 2018 Oct;118:197-202. doi: 10.1016/j.wneu.2018.07.038. Epub 2018 Jul 17. Review. PubMed PMID: 30026164.
 3. Ailon T, Hamilton DK, Klineberg E, Daniels AH, Lafage V, Bess S, Burton DC, Gupta M, Schwab F, Ames CP, Smith JS, Shaffrey CI, **Hart RA**; International Spine Study Group. *Radiographic Fusion Grade Does Not Impact Health-Related Quality of Life in the Absence of Instrumentation Failure for Patients Undergoing Posterior Instrumented Fusion for Adult Spinal Deformity*. World Neurosurg. 2018 Sep;117:e1-e7. doi: 10.1016/j.wneu.2018.04.127. Epub 2018 Apr 27. PubMed PMID: 29709744.
 4. Ailon T, Smith JS, Shaffrey CI, Soroceanu A, Lafage V, Schwab F, Burton D, **Hart R**, Kim HJ, Gum J, Hostin R, Kelly MP, Glassman S, Scheer JK, Bess S, Ames CP; International Spine Study Group. *Patients with Adult Spinal Deformity with Previous Fusions Have an Equal Chance of Reaching Substantial Clinical Benefit Thresholds in Health-Related Quality of Life Measures but Do Not Reach the Same Absolute Level of Improvement*. World Neurosurg. 2018 Aug;116:e354-e361. doi: 10.1016/j.wneu.2018.04.204. Epub 2018 May 9. PubMed PMID: 29751181.
 5. Alimi Y, Iwanaga J, Loukas M, **Oskouian RJ**, Rizk E, Oakes WJ, Tubbs RS. *A comprehensive review of Mongolian spots with an update on atypical presentations*. Childs Nerv Syst. 2018 Dec;34(12):2371-2376. doi: 10.1007/s00381-018-3929-0. Epub 2018 Aug 6. Review. PubMed PMID: 30083796.
 6. Alimi Y, Iwanaga J, **Oskouian RJ**, Loukas M, Tubbs RS. *Intelligence Quotient in Patients with Myelomeningocele: A Review*. Cureus. 2018 Aug 13;10(8):e3137. doi: 10.7759/cureus.3137. Review. PubMed PMID: 30345194; PubMed Central PMCID: PMC6188215.
 7. Alimi Y, Iwanaga J, **Oskouian RJ**, Loukas M, Tubbs RS. *Radial Artery Injury with Attempted Intravenous Catheterization on the Dorsal Hand: A Case Report*. Cureus. 2018 Jul 23;10(7):e3033. doi: 10.7759/cureus.3033. PubMed PMID: 30254822; PubMed Central PMCID: PMC6150753.
 8. Alimi Y, Iwanaga J, **Oskouian RJ**, Loukas M, Tubbs RS. *The clinical anatomy of dyspareunia: A review*. Clin Anat. 2018 Oct;31(7):1013-1017. doi: 10.1002/ca.23250. Epub 2018 Oct 26. Review. PubMed PMID: 30113086.
 9. Altafulla J, Patel M, **Litvack Z**, Iwanaga J, Tubbs RS. *Innervation of Orbicularis Oculi by Trochlear Nerve: Word of Caution*. World Neurosurg. 2018 Sep;117:419-421. doi: 10.1016/j.wneu.2018.06.144. Epub 2018 Jul 3. PubMed PMID: 30157598.
 10. Altafulla JJ, Simonds EA, Dupont G, Lachkar S, **Litvack Z**, Iwanaga J, Tubbs RS. *A Median Artery of the Corpus Callosum*. Cureus. 2018 Sep 25;10(9):e3355. doi: 10.7759/cureus.3355. PubMed PMID: 30510865; PubMed Central PMCID: PMC6257654.
 11. Andrew K, Iwanaga J, Loukas M, **Chapman J**, **Oskouian RJ**, Tubbs RS. *Does the Venus de Milo have a Spinal Deformity?* Cureus. 2018 Aug 28;10(8):e3219. doi: 10.7759/cureus.3219. Review. PubMed PMID: 30405994; PubMed Central PMCID: PMC6205893.
 12. Baek WK, Lachkar S, Iwanaga J, **Oskouian RJ**, Loukas M, Oakes WJ, Tubbs RS. *Comprehensive Review of Spinal Neurenteric Cysts with a Focus on Histopathological Findings*. Cureus. 2018 Sep

- 28;10(9):e3379. doi: 10.7759/cureus.3379. Review. PubMed PMID: 30519518; PubMed Central PMCID: PMC6263491.
13. **Blecher R**, Heinemann-Yerushalmi L, Assaraf E, Konstantin N, **Chapman JR**, Cope TC, Bewick GS, Banks RW, Zelzer E. *New functions for the proprioceptive system in skeletal biology*. Philos Trans R Soc Lond B Biol Sci. 2018 Sep 24;373(1759). pii: 20170327. doi: 10.1098/rstb.2017.0327. Review. PubMed PMID: 30249776; PubMed Central PMCID: PMC6158198.
 14. **Chapman JR**, Wiechert K, Wang JC. *Evidence-Based Medicine, Media, and Manipulation*. Global Spine J. 2018 Aug;8(5):437-439. doi: 10.1177/2192568218782480. Epub 2018 Jul 24. PubMed PMID: 30258747; PubMed Central PMCID: PMC6149038.
 15. **Chapman JR**, Wiechert K, Wang JC. *The Ratio of Observed to Expected: How Much of It Is Unexpected?* Global Spine J. 2018 Dec;8(8):773-775. doi: 10.1177/2192568218813335. Epub 2018 Dec 3. PubMed PMID: 30560027; PubMed Central PMCID: PMC6293425.
 16. Choi PJ, **Oskouian RJ**, Tubbs RS. *The Current Understanding of MicroRNA's Therapeutic, Diagnostic, and Prognostic Role in Chordomas: A Review of the Literature*. Cureus. 2018 Dec 24;10(12):e3772. doi: 10.7759/cureus.3772. Review. PubMed PMID: 30820391; PubMed Central PMCID: PMC6389020.
 17. **Cobbs C**, McClay E, Duic JP, Nabors LB, Morgan Murray D, Kesari S. *An early feasibility study of the Nativis Voyager[®] device in patients with recurrent glioblastoma: first cohort in US*. CNS Oncol. 2019 Mar;8(1):CNS30. doi: 10.2217/cns-2018-0013. Epub 2018 Dec 14. PubMed PMID: 30547676; PubMed Central PMCID: PMC6499016.
 18. Dalip D, Iwanaga J, Loukas M, **Oskouian RJ**, Tubbs RS. *Superior Cerebellar Arteries Originating from the Posterior Cerebral Arteries but Normal Course of the Oculomotor Nerves*. Cureus. 2018 Jul 5;10(7):e2932. doi: 10.7759/cureus.2932. PubMed PMID: 30197853; PubMed Central PMCID: PMC6126781.
 19. Daniels AH, DePasse JM, Durand W, Hamilton DK, Passias P, Kim HJ, Protopsaltis T, Reid DBC, LaFage V, Smith JS, Shaffrey C, Gupta M, Klineberg E, Schwab F, Burton D, Bess S, Ames C, **Hart RA**; International Spine Study Group. *Rod Fracture After Apparently Solid Radiographic Fusion in Adult Spinal Deformity Patients*. World Neurosurg. 2018 Sep;117:e530-e537. doi: 10.1016/j.wneu.2018.06.071. Epub 2018 Jun 19. PubMed PMID: 29929025.
 20. DePasse JM, Nzeogu MI, Travers C, Mulcahey MK, Palumbo MA, **Hart RA**, Marsh JL, Daniels AH. *Early Subspecialization in Orthopedic Surgery Training*. Orthopedics. 2019 Jan 1;42(1):e39-e43. doi: 10.3928/01477447-20181109-01. Epub 2018 Nov 14. PubMed PMID: 30427056.
 21. Dettori JR, Norvell DC, **Chapman JR**. *The Sin of Missing Data: Is All Forgiven by Way of Imputation?* Global Spine J. 2018 Dec;8(8):892-894. doi: 10.1177/2192568218811922. Epub 2018 Dec 3. PubMed PMID: 30560043; PubMed Central PMCID: PMC6293424.
 22. Dupont G, Iwanaga J, Altafulla JJ, Lachkar S, **Oskouian RJ**, Tubbs RS. *Bilateral sternocleidomastoid variant with six distinct insertions along the superior nuchal line*. Anat Cell Biol. 2018 Dec;51(4):305-308. doi: 10.5115/acb.2018.51.4.305. Epub 2018 Dec 29. PubMed PMID: 30637167; PubMed Central PMCID: PMC6318458.
 23. Eid S, Iwanaga J, **Chapman JR**, **Oskouian RJ**, Loukas M, Tubbs RS. *Superior Hypogastric Plexus and Its Surgical Implications During Spine Surgery: A Review*. World Neurosurg. 2018 Dec;120:163-167. doi: 10.1016/j.wneu.2018.08.170. Epub 2018 Aug 30. Review. PubMed PMID: 30172971.

24. Eid S, Iwanaga J, **Oskouian RJ**, Loukas M, Jerry Oakes W, Shane Tubbs R. *Ventriculosubgaleal shunting-a comprehensive review and over two-decade surgical experience*. Childs Nerv Syst. 2018 Sep;34(9):1639-1642. doi: 10.1007/s00381-018-3887-6. Epub 2018 Jul 12. Review. Erratum in: Childs Nerv Syst. 2018 Nov;34(11):2339. PubMed PMID: 30003327.
25. Eid S, Iwanaga J, **Oskouian RJ**, Loukas M, Jerry Oakes W, Tubbs RS. *Correction to: Ventriculosubgaleal shunting-a comprehensive review and over two-decade surgical experience*. Childs Nerv Syst. 2018 Nov;34(11):2339. doi: 10.1007/s00381-018-3951-2. PubMed PMID: 30145774.
26. Eid S, Iwanaga J, **Oskouian RJ**, Loukas M, Tubbs RS. *Bifid Xiphoid Process: Case Report and Review*. Cureus. 2018 Aug 16;10(8):e3153. doi: 10.7759/cureus.3153. PubMed PMID: 30345208; PubMed Central PMCID: PMC6191011.
27. Erickson N, Siu A, Sherman JH, Gragnaniello C, Singh A, **Litvack Z**. *Endoscopic Transnasal Transclival Approach to a Pontine Cavernoma with Associated Developmental Venous Anomaly*. World Neurosurg. 2018 Oct;118:212-218. doi: 10.1016/j.wneu.2018.07.084. Epub 2018 Jul 18. PubMed PMID: 30031191.
28. Garson SR, **Monteith SJ**, Smith SD, Keogh BP, **Gwinn RP**, Doherty MJ. *Down syndrome associated moyamoya may worsen epilepsy control and can benefit from surgical revascularization*. Epilepsy Behav Case Rep. 2018 Oct 9;11:14-17. doi: 10.1016/j.ebcr.2018.09.008. eCollection 2019. PubMed PMID: 30591882; PubMed Central PMCID: PMC6305662.
29. Gnanadev R, Iwanaga J, **Oskouian RJ**, Loukas M, Tubbs RS. *Henle's Ligament: A Comprehensive Review of Its Anatomy and Terminology over Almost One and a Half Centuries*. Cureus. 2018 Sep 26;10(9):e3366. doi: 10.7759/cureus.3366. Review. PubMed PMID: 30510876; PubMed Central PMCID: PMC6257517.
30. Hopkins S, Dettori JR, **Chapman JR**. *Parametric and Nonparametric Tests in Spine Research: Why Do They Matter?* Global Spine J. 2018 Sep;8(6):652-654. doi: 10.1177/2192568218782679. Epub 2018 Jun 12. PubMed PMID: 30202720; PubMed Central PMCID: PMC6125939.
31. Horn SR, Passias PG, Hockley A, Lafage R, Lafage V, Hassanzadeh H, Horowitz JA, Bortz CA, Segreto FA, Brown AE, Smith JS, Sciubba DM, Mundis GM, Kelley MP, Daniels AH, Burton DC, **Hart RA**, Schwab FJ, Bess S, Shaffrey CI, Hostin RA, Ames CP; International Spine Study Group. *Cost-utility of revisions for cervical deformity correction warrants minimization of reoperations*. J Spine Surg. 2018 Dec;4(4):702-711. doi: 10.21037/jss.2018.10.02. PubMed PMID: 30714001; PubMed Central PMCID: PMC6330577.
32. Iwanaga J, Badaloni F, Watanabe K, Yamaki KI, **Oskouian RJ**, Tubbs RS. *Anatomical Study of the Zygomaticofacial Foramen and Its Related Canal*. J Craniofac Surg. 2018 Jul;29(5):1363-1365. doi: 10.1097/SCS.0000000000004457. PubMed PMID: 29521755.
33. Iwanaga J, Choi PJ, Vetter M, Patel M, Kikuta S, **Oskouian RJ**, Tubbs RS. *Anatomical Study of the Lingual Nerve and Inferior Alveolar Nerve in the Pterygomandibular Space: Complications of the Inferior Alveolar Nerve Block*. Cureus. 2018 Aug 6;10(8):e3109. doi: 10.7759/cureus.3109. PubMed PMID: 30338184; PubMed Central PMCID: PMC6175254.
34. Iwanaga J, Simonds E, Patel M, **Oskouian RJ**, Tubbs RS. *Anatomic Study of Superior Cluneal Nerves: Application to Low Back Pain and Surgical Approaches to Lumbar Vertebrae*. World Neurosurg. 2018 Aug;116:e766-e768. doi: 10.1016/j.wneu.2018.05.087. Epub 2018 May 19. PubMed PMID: 29787877.

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