

Peer Reviewed Publications

1. Femoral nerve and lumbar plexus injury after minimally invasive lateral retroperitoneal transpoas approach: electrodiagnostic prognostic indicators and a roadmap to recovery. Abel NA, Januszewski J, Vivas AC, Uribe JS. *Neurosurg Rev*. 2017 May 30. doi: 10.1007/s10143-017-0863-7. [Epub ahead of print] PMID: 28560607
2. Peripheral Nerve Injury: Stem Cell Therapy and Peripheral Nerve Transfer. Sullivan R, Dailey T, Duncan K, Abel N, Borlongan CV. *Int J Mol Sci*. 2016 Dec 14;17(12). pii: E2101. Review. PMID: 27983642
3. Multimodality Management of Trigeminal Schwannomas. Niranjana A, Barnett S, Anand V, Agazzi S. *J Neurol Surg B Skull Base*. 2016 Aug;77(4):371-8. doi: 10.1055/s-0036-1581138. Epub 2016 Apr 22. PMID: 27441164
4. Paraclival or Cavernous Internal Carotid Artery: One Segment but Two Names. Alikhani P, Sivakanthan S, van Loveren H, Agazzi S. *J Neurol Surg B Skull Base*. 2016 Aug;77(4):304-7. doi: 10.1055/s-0035-1568870. Epub 2015 Nov 30. PMID: 27441154
5. Intraoperative Magnetic Resonance Imaging in Skull Base Surgery: A Review of 71 Consecutive Cases. Ashour R, Reintjes S, Park MS, Sivakanthan S, van Loveren H, Agazzi S. *World Neurosurg*. 2016 Sep;93:183-90. doi: 10.1016/j.wneu.2016.06.045. Epub 2016 Jun 17. PMID: 27319315
6. An analysis of quality of life (QOL) in patients with epilepsy and comorbid psychogenic nonepileptic seizures (PNES) after vagus nerve stimulation (VNS). Vivas AC, Reitano CJ, Waseem H, Benbadis SR, Vale FL. *Epilepsy Behav*. 2017 Aug;73:208-213. doi: 10.1016/j.yebeh.2017.05.035. Epub 2017 Jun 23. PMID: 28651170
7. Neuropsychology Outcomes Following Trephine Epilepsy Surgery: The Inferior Temporal Gyrus Approach for Amygdalohippocampectomy in Medically Refractory Mesial Temporal Lobe Epilepsy. Schoenberg MR, Clifton WE, Sever RW, Vale FL. *Neurosurgery*. 2017 Jun 8. doi: 10.1093/neuros/nyx302. [Epub ahead of print] PMID: 28595352
8. Extracellular HMGB1 Modulates Glutamate Metabolism Associated with Kainic Acid-Induced Epilepsy-Like Hyperactivity in Primary Rat Neural Cells. Kaneko Y, Pappas C, Malapira T, Vale FL, Tajiri N, Borlongan CV. *Cell Physiol Biochem*. 2017;41(3):947-959. doi: 10.1159/000460513. Epub 2017 Feb 20. PMID: 28222432
9. MRI-guided laser interstitial thermal therapy for treatment of medically refractory non-lesional mesial temporal lobe epilepsy: Outcomes, complications, and current limitations: A review. Waseem H, Vivas AC, Vale FL. *J Clin Neurosci*. 2017 Apr;38:1-7. doi: 10.1016/j.jocn.2016.12.002. Epub 2016 Dec 23. Review. PMID: 28024732

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10. The evolving utility of diffusion tensor tractography in the surgical management of temporal lobe epilepsy: a review. Sivakanthan S, Neal E, Murtagh R, Vale FL. *Acta Neurochir (Wien)*. 2016 Nov;158(11):2185-2193. Epub 2016 Aug 26. Review. PMID: 27566714
11. A multicenter study evaluating the frequency and time requirement of mechanical thrombectomy. 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. *J Neurointerv Surg*. 2017 Jun 9. pii: neurintsurg-2017-013147. doi: 10.1136/neurintsurg-2017-013147. [Epub ahead of print] PMID: 28600482
12. Prolapse of the Pipeline embolization device in aneurysms: incidence, management, and outcomes. Srinivasan VM, Carlson AP, Mokin M, Cherian J, Chen SR, Puri A, Kan P. *Neurosurg Focus*. 2017 Jun;42(6):E16. doi: 10.3171/2017.3.FOCUS1738. PMID: 28565987
13. ASPECTS (Alberta Stroke Program Early CT Score) Measurement Using Hounsfield Unit Values When Selecting Patients for Stroke Thrombectomy. Mokin M, Primiani CT, Siddiqui AH, Turk AS. *Stroke*. 2017 Jun;48(6):1574-1579. doi: 10.1161/STROKEAHA.117.016745. Epub 2017 May 9. PMID: 28487329
14. Endovascular Treatment of Middle Cerebral Artery M2 Occlusion Strokes: Clinical and Procedural Predictors of Outcomes. Mokin M, Primiani CT, Ren Z, Kan P, Duckworth E, Turner RD 4th, Turk AS, Fargen KM, Dabus G, Linfante I, Dumont TM, Brasiliense LB, Shallwani H, Snyder KV, Siddiqui AH, Levy EI. *Neurosurgery*. 2017 Mar 10. doi: 10.1093/neuros/nyx060. [Epub ahead of print] PMID: 28328002
15. Predictive Value of RAPID Assessed Perfusion Thresholds on Final Infarct Volume in SWIFT PRIME (Solitaire With the Intention for Thrombectomy as Primary Endovascular Treatment). Mokin M, Levy EI, Saver JL, Siddiqui AH, Goyal M, Bonafé A, Cognard C, Jahan R, Albers GW; SWIFT PRIME Investigators. *Stroke*. 2017 Apr;48(4):932-938. doi: 10.1161/STROKEAHA.116.015472. Epub 2017 Mar 10. PMID: 28283606
16. Tourniquet parent artery occlusion after flow diversion. Srinivasan VM, Mokin M, Duckworth EA, Chen S, Puri A, Kan P. *J Neurointerv Surg*. 2017 Mar 6. pii: neurintsurg-2016-012937. doi: 10.1136/neurintsurg-2016-012937. [Epub ahead of print] PMID: 28265011
17. Stroke: Stroke thrombolysis and thrombectomy-not stronger together? Levy EI, Mokin M. *Nat Rev Neurol*. 2017 Apr;13(4):198-200. doi: 10.1038/nrneurol.2017.22. Epub 2017 Feb 24. No abstract available. PMID: 28233841
18. A survey of intracranial aneurysm treatment practices among United States physicians. Fargen KM, Soriano-Baron HE, Rushing JT, Mack W, Mocco J, Albuquerque F, Ducruet AF, Mokin M, Linfante I, Wolfe SQ, Wilson JA, Hirsch JA. *J Neurointerv Surg*. 2017 Feb 9. pii: neurintsurg-2016-012808. doi: 10.1136/neurintsurg-2016-012808. [Epub ahead of print] PMID: 28184003

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19. Transcatheter aortic valve replacement: perioperative stroke and beyond. Mokin M, Zivadinov R, Dwyer MG, Lazar RM, Hopkins LN, Siddiqui AH. *Expert Rev Neurother*. 2017 Apr;17(4):327-334. doi: 10.1080/14737175.2017.1253475. Epub 2016 Nov 7. Review. PMID: 27786568
20. In Reply: High-Risk Factors in Symptomatic Patients Undergoing Carotid Artery Stenting With Distal Protection: Buffalo Risk Assessment Scale (BRASS). Fanous AA, Natarajan SK, Jowdy PK, Dumont TM, Mokin M, Yu J, Goldstein A, Wach MM, Budny JL, Hopkins LN, Snyder KV, Siddiqui AH, Levy EI. *Neurosurgery*. 2016 Nov;79(5):E640-E641. No abstract available. PMID: 27759685
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22. Aneurysms with persistent patency after treatment with the Pipeline Embolization Device. Kan P, Srinivasan VM, Mbabuie N, Tawk RG, Ban VS, Welch BG, Mokin M, Mitchell BD, Puri A, Binning MJ, Duckworth E. *J Neurosurg*. 2017 Jun;126(6):1894-1898. doi: 10.3171/2016.6.JNS16402. Epub 2016 Sep 16. PMID: 27636182
23. Association of clot burden score with radiographic and clinical outcomes following Solitaire stent retriever thrombectomy: analysis of the SWIFT PRIME trial. Mokin M, Levy EI, Siddiqui AH, Goyal M, Nogueira RG, Yavagal DR, M Pereira V, Saver JL. *J Neurointerv Surg*. 2016 Sep 15. pii: neurintsurg-2016-012631. doi: 10.1136/neurintsurg-2016-012631. [Epub ahead of print] PMID: 27634952
24. ASPECTS decay during inter-facility transfer in patients with large vessel occlusion strokes. Mokin M, Gupta R, Guerrero WR, Rose DZ, Burgin WS, Sivakanthan S. *J Neurointerv Surg*. 2017 May;9(5):442-444. doi: 10.1136/neurintsurg-2016-012331. Epub 2016 Apr 22. PMID: 27106593
25. Submaximal angioplasty for symptomatic intracranial atherosclerosis: a prospective Phase I study. Dumont TM, Sonig A, Mokin M, Eller JL, Sorkin GC, Snyder KV, Nelson Hopkins L, Levy EI, Siddiqui AH. *J Neurosurg*. 2016 Oct;125(4):964-971. Epub 2016 Jan 8. PMID: 26745485
26. Robust graft survival and normalized dopaminergic innervation do not obligate recovery in a Parkinson disease patient. Kordower JH, Goetz CG, Chu Y, Halliday GM, Nicholson DA, Musial TF, Marmion DJ, Stoessl AJ, Sossi V, Freeman TB, Olanow CW. *Ann Neurol*. 2017 Jan;81(1):46-57. doi: 10.1002/ana.24820. Epub 2017 Jan 6. PMID: 27900791

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27. The Think A-Head campaign: an introduction to ImageGently 2.0. Frush DP, Benjamin LS, Kadom N, Macias CG, Snow SK, Gaskill SJ, Palmer E, Strauss KJ; Think A-Head Campaign Committee. *Pediatr Radiol*. 2016 Dec;46(13):1774-1779. Epub 2016 Nov 4. No abstract available. PMID: 27812745
28. Urological Outcome of the Xiao Procedure in Children with Myelomeningocele and Lipomyelomeningocele Undergoing Spinal Cord Detethering. Tuite GF, Homsy Y, Polsky EG, Reilly MA, Carey CM, Winesett SP, Rodriguez LF, Storrs BB, Gaskill SJ, Tetreault LL, Martinez DG, Amankwah EK. *J Urol*. 2016 Dec;196(6):1735-1740. doi: 10.1016/j.juro.2016.05.111. Epub 2016 Jun 8. PMID: 27288694
29. Response: Some lessons learned from negative results of a randomized controlled trial for bladder reinnervation with the Xiao procedure. Tuite GF, Polsky EG, Homsy Y, Reilly MA, Carey CM, Parrish Winesett S, Rodriguez LF, Storrs BB, Gaskill SJ, Tetreault LL, Martinez DG, Amankwah EK. *J Neurosurg Pediatr*. 2016 Aug;18(2):148-9. doi: 10.3171/2015.12.PEDS15710. Epub 2016 May 3. No abstract available. PMID: 27137925
30. Lack of efficacy of an intradural somatic-to-autonomic nerve anastomosis (Xiao procedure) for bladder control in children with myelomeningocele and lipomyelomeningocele: results of a prospective, randomized, double-blind study. Tuite GF, Polsky EG, Homsy Y, Reilly MA, Carey CM, Parrish Winesett S, Rodriguez LF, Storrs BB, Gaskill SJ, Tetreault LL, Martinez DG, Amankwah EK. *J Neurosurg Pediatr*. 2016 Aug;18(2):150-63. doi: 10.3171/2015.10.PEDS15271. Epub 2016 May 3. PMID: 27137626
31. 2. Anterior Column Realignment has Similar Results to Pedicle Subtraction Osteotomy in Treating Adults with Sagittal Plane Deformity. Mundis GM Jr, Turner JD, Kabirian N, Pawelek J, Eastlack RK, Uribe J, Klineberg E, Bess S, Ames C, Deviren V, Nguyen S, Lafage V, Akbarnia BA. *World Neurosurg*. 2017 May 27. pii: S1878-8750(17)30821-5. doi: 10.1016/j.wneu.2017.05.122. [Epub ahead of print] PMID: 28559074
32. Re-operation After Long-Segment Fusions for Adult Spinal Deformity: The Impact of Extending the Construct Below the Lumbar Spine. Witiw CD, Fessler RG, Nguyen S, Mummaneni P, Anand N, Blaskiewicz D, Uribe J, Wang MY, Kanter AS, Okonkwo D, Park P, Deviren V, Akbarnia BA, Eastlack RK, Shaffrey C, Mundis GM Jr; International Spine Study Group. *Neurosurgery*. 2017 May 3. doi: 10.1093/neuros/nyx163. [Epub ahead of print] PMID: 28472486
33. Does MIS Surgery Allow for Shorter Constructs in the Surgical Treatment of Adult Spinal Deformity? Uribe JS, Beckman J, Mummaneni PV, Okonkwo D, Nunley P, Wang MY, Mundis GM Jr, Park P, Eastlack R, Anand N, Kanter A, Lamarca F, Fessler R, Shaffrey CI, Lafage V, Chou D, Deviren V; MIS-ISSG Group. *Neurosurgery*. 2017 Mar 1;80(3):489-497. doi: 10.1093/neuros/nyw072. PMID: 28362966
34. Reframing undergraduate medical education in global health: Rationale and key principles from the Bellagio Global Health Education Initiative. Peluso MJ, van Schalkwyk S, Kellett A, Brewer TF, Clarfield AM, Davies D, Garg B, Greensweig T, Hafler J, Hou J, Maley M, Mayanja-Kizza H, Pemba S, Jenny Samaan J, Schoenbaum S, Sethia B, Uribe JP, Margolis CZ, Rohrbaugh RM.

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35. Effects of intradiscal vacuum phenomenon on surgical outcome of lateral interbody fusion for degenerative lumbar disease. Yen CP, Beckman JM, Vivas AC, Bach K, Uribe JS. *J Neurosurg Spine*. 2017 Apr;26(4):419-425. doi: 10.3171/2016.8.SPINE16421. Epub 2016 Dec 16. PMID: 27982763
 36. The Potentially Fatal Ogilvie's Syndrome in Lateral Transpsoas Access Surgery: A Multi-Institutional Experience with 2930 Patients. Januszewski J, Keem SK, Smith W, Beckman JM, Kanter AS, Oskuian RJ, Taylor W, Uribe JS. *World Neurosurg*. 2017 Mar;99:302-307. doi: 10.1016/j.wneu.2016.11.132. Epub 2016 Dec 5. PMID: 27923757
 37. Beyond Conus: Phylogenetic relationships of Conidae based on complete mitochondrial genomes. Uribe JE, Puillandre N, Zardoya R. *Mol Phylogenet Evol*. 2017 Feb;107:142-151. doi: 10.1016/j.ympev.2016.10.008. Epub 2016 Oct 27. PMID: 27794464
 38. Phylogenetic relationships of Mediterranean and North-East Atlantic Cantharidinae and notes on Stomatellinae (Vetigastropoda: Trochidae). Uribe JE, Williams ST, Templado J, Buge B, Zardoya R. *Mol Phylogenet Evol*. 2017 Feb;107:64-79. doi: 10.1016/j.ympev.2016.10.009. Epub 2016 Oct 13. PMID: 27746316
 39. Contralateral psoas hematoma after minimally invasive, lateral retroperitoneal transpsoas lumbar interbody fusion: a multicenter review of 3950 lumbar levels. Beckman JM, Vincent B, Park MS, Billys JB, Isaacs RE, Pimenta L, Uribe JS. *J Neurosurg Spine*. 2017 Jan;26(1):50-54. doi: 10.3171/2016.4.SPINE151040. Epub 2016 Aug 5. PMID: 27494784
 40. Phylogenetic relationships among superfamilies of Neritimorpha (Mollusca: Gastropoda). Uribe JE, Colgan D, Castro LR, Kano Y, Zardoya R. *Mol Phylogenet Evol*. 2016 Nov;104:21-31. doi: 10.1016/j.ympev.2016.07.021. Epub 2016 Jul 22. PMID: 27456746
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 42. How Do Case Type, Length of Stay, and Comorbidities Affect Medicare Diagnosis-Related Group Reimbursement for Minimally Invasive Surgery for Deformity? Nunley PD, Fessler RG, Park P, Zavatsky JM, Mundis GM, Uribe JS, Eastlack R, Nguyen S, Chou D, Wang MY, Anand N, Kanter AS, Shaffrey CI, Mummaneni PV; International Spine Study Group. *Neurosurgery*. 2016 Aug;63 Suppl 1:210. doi: 10.1227/01.neu.0000489859.16182.49. PMID: 27399568
 43. What Is the Effect of Open vs Percutaneous Screws on Complications Among Patients Undergoing Lateral Interbody Fusion for Adult Spinal Deformity? Than KD, Nguyen S, Park P, Chou D, La Marca F, Uribe JS, Vogel TD, Nunley PD, Eastlack R, Anand N, Kanter AS, Mummaneni PV, Mundis GM; International Spine Study Group. *Neurosurgery*. 2016 Aug;63 Suppl 1:166. doi: 10.1227/01.neu.0000489734.39222.ae. PMID: 27399444

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44. Clinical and radiographic parameters associated with best versus worst clinical outcomes in minimally invasive spinal deformity surgery. Than KD, Park P, Fu KM, Nguyen S, Wang MY, Chou D, Nunley PD, Anand N, Fessler RG, Shaffrey CI, Bess S, Akbarnia BA, Deviren V, Uribe JS, La Marca F, Kanter AS, Okonkwo DO, Mundis GM Jr, Mummaneni PV; International Spine Study Group. *J Neurosurg Spine*. 2016 Jul;25(1):21-5. doi: 10.3171/2015.12.SPINE15999. Epub 2016 Mar 4. PMID: 26943254

45. Reoperation rates in minimally invasive, hybrid and open surgical treatment for adult spinal deformity with minimum 2-year follow-up. Hamilton DK, Kanter AS, Bolinger BD, Mundis GM Jr, Nguyen S, Mummaneni PV, Anand N, Fessler RG, Passias PG, Park P, La Marca F, Uribe JS, Wang MY, Akbarnia BA, Shaffrey CI, Okonkwo DO; International Spine Study Group (ISSG). *Eur Spine J*. 2016 Aug;25(8):2605-11. doi: 10.1007/s00586-016-4443-2. Epub 2016 Feb 24. PMID: 26909764