

Columbia

Columbia is a city in the U.S. state of Missouri and the county seat of Boone County.

Founded in 1821, it is home to the University of Missouri and is the principal city of the Columbia metropolitan area. It is Missouri's fourth most-populous city, with an estimated population of 120,612 in 2016.

Division of Neurosurgery, University of Missouri, Columbia, MO.

Publications

1: Applegren ND, Shock LA, Aldridge KJ, Derrick CD, Tanaka T, Baker CL, Muzaffar AR. Relationship of a Metopic Ridge and Anterior Cranial Volume Measured by a Noninvasive Laser Shape Digitizer. *J Craniofac Surg.* 2017 Oct 23. doi: 10.1097/SCS.00000000000004065. [Epub ahead of print] PubMed PMID: 29065051.

2: Frenkel MB, Sarwal A, Wren MP, Newey CR, Couture DE. Subdural Instillation of a Thrombolytic Agent for Treatment of Recurrent Subdural Hematoma. *Clin Neuropharmacol.* 2017 Oct 2. doi: 10.1097/WNF.0000000000000247. [Epub ahead of print] PubMed PMID: 28976409.

3: Makler V, Litt JS, Litofsky NS. Palliative Coverage of Cranial Defect following Failed Cranial Flap for Advanced Squamous Cell Carcinoma: Case Report. *J Palliat Med.* 2017 Sep 22. doi: 10.1089/jpm.2017.0258. [Epub ahead of print] PubMed PMID: 28937303.

4: Kim DH, Dacey RG, Zipfel GJ, Berger MS, McDermott M, Barbaro NM, Shapiro SA, Solomon RA, Harbaugh R, Day AL. In Reply: Neurosurgical Education in a Changing Healthcare and Regulatory Environment: A Consensus Statement From 6 Programs. *Neurosurgery.* 2017 Oct 1;81(4):E47. doi: 10.1093/neuros/nyx348. PubMed PMID: 28934443.

5: Aine CJ, Bockholt HJ, Bustillo JR, Cañive JM, Caprihan A, Gasparovic C, Hanlon FM, Houck JM, Jung RE, Lauriello J, Liu J, Mayer AR, Perrone-Bizzozero NI, Posse S, Stephen JM, Turner JA, Clark VP, Calhoun VD. Multimodal Neuroimaging in Schizophrenia: Description and Dissemination. *Neuroinformatics.* 2017 Aug 15. doi: 10.1007/s12021-017-9338-9. [Epub ahead of print] PubMed PMID: 28812221.

6: Newey CR, Bell R, Burks M, Nattanmai P. A new strategy in neurocritical care nurse continuing stroke education: A hybrid simulation pilot study. *Electron Physician.* 2017 May 25;9(5):4255-4260. doi: 10.19082/4255. eCollection 2017 May. PubMed PMID: 28713493; PubMed Central PMCID: PMC5498686.

7: Cerquera A, Gjini K, Bowyer SM, Boutros N. Comparing EEG Nonlinearity in Deficit and Nondeficit Schizophrenia Patients: Preliminary Data. *Clin EEG Neurosci.* 2017 Nov;48(6):376-382. doi: 10.1177/1550059417715388. Epub 2017 Jun 16. PubMed PMID: 28618836.

8: Neuman BJ, Ailon T, Scheer JK, Klineberg E, Sciubba DM, Jain A, Zebala LP, Passias PG, Daniels AH, Burton DC, Protopsaltis TS, Hamilton DK, Ames CP. Development and Validation of a Novel Adult

Spinal Deformity Surgical Invasiveness Score: Analysis of 464 Patients. *Neurosurgery*. 2017 Jun 6. doi: 10.1093/neuros/nyx303. [Epub ahead of print] PubMed PMID: 28586476.

9: Hankinson TC, Tuite GF, Moscoso DI, Robinson LC, Torner JC, Limbrick DD Jr, Park TS, Anderson RCE. Analysis and interrater reliability of pB-C2 using MRI and CT: data from the Park-Reeves Syringomyelia Research Consortium on behalf of the Pediatric Craniocervical Society. *J Neurosurg Pediatr*. 2017 Aug;20(2):170-175. doi: 10.3171/2017.3.PEDS16604. Epub 2017 May 19. PubMed PMID: 28524792.

10: Expert Panel on Neurologic Imaging:, Salmela MB, Mortazavi S, Jagadeesan BD, Broderick DF, Burns J, Deshmukh TK, Harvey HB, Hoang J, Hunt CH, Kennedy TA, Khalessi AA, Mack W, Patel ND, Perlmutter JS, Policeni B, Schroeder JW, Setzen G, Whitehead MT, Cornelius RS, Corey AS. ACR Appropriateness Criteria(®) Cerebrovascular Disease. *J Am Coll Radiol*. 2017 May;14(5S):S34-S61. doi: 10.1016/j.jacr.2017.01.051. PubMed PMID: 28473091.

11: Expert Panel on Neurologic Imaging:, Bykowski J, Aulino JM, Berger KL, Cassidy RC, Choudhri AF, Kendi AT, Kirsch CFE, Luttrull MD, Sharma A, Shetty VS, Than K, Winfree CJ, Cornelius RS. ACR Appropriateness Criteria(®) Plexopathy. *J Am Coll Radiol*. 2017 May;14(5S):S225-S233. doi: 10.1016/j.jacr.2017.02.002. PubMed PMID: 28473078.

12: Kim DH, Duco B, Wolterman D, Stokes C, Brace R, Solomon RA, Barbaro N, Westmark R, MacDougall D, Bean J, O'Leary J, Moayeri N, Dacey RG Jr, Berger MS, Harbaugh R. A Review and Survey of Neurosurgeon-Hospital Relationships: Evolution and Options. *Neurosurgery*. 2017 Apr 1;80(4S):S10-S18. doi: 10.1093/neuros/nyw171. PubMed PMID: 28375496.

13: Smith JS, Line B, Bess S, Shaffrey CI, Kim HJ, Mundis G, Scheer JK, Klineberg E, O'Brien M, Hostin R, Gupta M, Daniels A, Kelly M, Gum JL, Schwab FJ, Lafage V, Lafage R, Ailon T, Passias P, Protopsaltis T, Albert TJ, Riew KD, Hart R, Burton D, Deviren V, Ames CP, Group ISS. The Health Impact of Adult Cervical Deformity in Patients Presenting for Surgical Treatment: Comparison to United States Population Norms and Chronic Disease States Based on the EuroQuol-5 Dimensions Questionnaire. *Neurosurgery*. 2017 May 1;80(5):716-725. doi: 10.1093/neuros/nyx028. PubMed PMID: 28368524.

14: Hsu WK, Goldstein CL, Shamji MF, Cho SK, Arnold PM, Fehlings MG, Mroz TE. Novel Osteobiologics and Biomaterials in the Treatment of Spinal Disorders. *Neurosurgery*. 2017 Mar 1;80(3S):S100-S107. doi: 10.1093/neuros/nyw085. Review. PubMed PMID: 28350951.

15: Choma TJ, Mroz TE, Goldstein CL, Arnold P, Shamji MF. Emerging Techniques in Degenerative Thoracolumbar Surgery. *Neurosurgery*. 2017 Mar 1;80(3S):S55-S60. doi: 10.1093/neuros/nyw079. Review. PubMed PMID: 28350946.

16: Dowdell J, Erwin M, Choma T, Vaccaro A, Iatridis J, Cho SK. Intervertebral Disk Degeneration and Repair. *Neurosurgery*. 2017 Mar 1;80(3S):S46-S54. doi: 10.1093/neuros/nyw078. Review. PubMed PMID: 28350945; PubMed Central PMCID: PMC5585783.

17: Natteru P, George P, Bell R, Nattanmai P, Newey CR. Central Hyperthermia Treated with Bromocriptine. *Case Rep Neurol Med*. 2017;2017:1712083. doi: 10.1155/2017/1712083. Epub 2017 Feb 28. PubMed PMID: 28348904; PubMed Central PMCID: PMC5350322.

18: Craciunas SC, Gorgan MR, Ianosi B, Lee P, Burris J, Cirstea CM. Remote motor system metabolic profile and surgery outcome in cervical spondylotic myelopathy. *J Neurosurg Spine*. 2017 Jun;26(6):668-678. doi: 10.3171/2016.10.SPINE16479. Epub 2017 Mar 17. PubMed PMID: 28304238.

19: Kim DH, Dacey RG, Zipfel GJ, Berger MS, McDermott M, Barbaro NM, Shapiro SA, Solomon RA,

Harbaugh R, Day AL. Neurosurgical Education in a Changing Healthcare and Regulatory Environment: A Consensus Statement from 6 Programs. *Neurosurgery*. 2017 Apr 1;80(4S):S75-S82. doi: 10.1093/neuros/nyw146. PubMed PMID: 28204661.

20: Shukla A, Alqadri S, Ausmus A, Bell R, Nattanmai P, Newey CR. Vasopressin Bolus Protocol Compared to Desmopressin (DDAVP) for Managing Acute, Postoperative Central Diabetes Insipidus and Hypovolemic Shock. *Case Rep Endocrinol*. 2017;2017:3052102. doi: 10.1155/2017/3052102. Epub 2017 Jan 3. PubMed PMID: 28127476; PubMed Central PMCID: PMC5239834.

21: Tanaka T, Harris CJ, Barnett SS, Litofsky NS. A Successful Treatment of Endoscopic Third Ventriculostomy with Choroid Plexus Cauterization for Hydrocephalus in Walker-Warburg Syndrome. *Case Rep Neurol Med*. 2016;2016:7627289. doi: 10.1155/2016/7627289. Epub 2016 Dec 27. PubMed PMID: 28116189; PubMed Central PMCID: PMC5223002.

22: Sheshadri V, Moga R, Manninen P, Goldstein CL, Rampersaud YR, Massicotte EM, Fehlings MG, Venkatraghavan L. Airway adverse events following posterior occipito-cervical spinal fusion. *J Clin Neurosci*. 2017 May;39:124-129. doi: 10.1016/j.jocn.2016.12.036. Epub 2017 Jan 16. PubMed PMID: 28110925.

23: Haney MM, Hinkel C, Thiessen A, Allen J, Deninger I, Ohlhausen D, Lever T. Creation of resin rodent skulls to reduce animal numbers for stereotactic surgery practice. *Lab Anim (NY)*. 2017 Jan 20;46(2):41-42. doi: 10.1038/labani.1178. PubMed PMID: 28106872.

24: Amin-Hanjani S, Turan TN, Du X, Pandey DK, Rose-Finnell L, Richardson D, Elkind MS, Zipfel GJ, Liebeskind DS, Silver FL, Kasner SE, Gorelick PB, Charbel FT, Derdeyn CP; VERITAS Study Group. Higher Stroke Risk with Lower Blood Pressure in Hemodynamic Vertebrobasilar Disease: Analysis from the VERITAS Study. *J Stroke Cerebrovasc Dis*. 2017 Feb;26(2):403-410. doi: 10.1016/j.jstrokecerebrovasdis.2016.09.044. Epub 2016 Oct 28. PubMed PMID: 28029608; PubMed Central PMCID: PMC5258769.

25: Shah MN, Smith SE, Dierker DL, Herbert JP, Coalson TS, Bruck BS, Zipfel GJ, Van Essen DC, Dacey RG Jr. The relationship of cortical folding and brain arteriovenous malformations. *Neurovasc Imaging*. 2016;2. pii: 13. doi: 10.1186/s40809-016-0024-3. Epub 2016 Nov 22. PubMed PMID: 28009020; PubMed Central PMCID: PMC5167380.

26: Sarmiento CI, San-Juan D, Prasath VB. Letter to the Editor: Brief history of transcranial direct current stimulation (tDCS): from electric fishes to microcontrollers. *Psychol Med*. 2016 Nov;46(15):3259-3261. Epub 2016 Aug 30. PubMed PMID: 27572999.

27: 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.

28: Tamber MS, Nikas D, Beier A, Baird LC, Bauer DF, Durham S, Klimo P Jr, Lin AY, Mazzola C, McClung-Smith C, Mitchell L, Tyagi R, Flannery AM. Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on the Role of Cranial Molding Orthosis (Helmet) Therapy for Patients With Positional Plagiocephaly. *Neurosurgery*. 2016 Nov;79(5):E632-E633. PubMed PMID:

27776089.

29: Baird LC, Klimo P Jr, Flannery AM, Bauer DF, Beier A, Durham S, Lin AY, McClung-Smith C, Mitchell L, Nikas D, Tamber MS, Tyagi R, Mazzola C. Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline for the Management of Patients With Positional Plagiocephaly: The Role of Physical Therapy. *Neurosurgery*. 2016 Nov;79(5):E630-E631. PubMed PMID: 27776088.

30: Klimo P Jr, Lingo PR, Baird LC, Bauer DF, Beier A, Durham S, Lin AY, McClung-Smith C, Mitchell L, Nikas D, Tamber MS, Tyagi R, Mazzola C, Flannery AM. Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on the Management of Patients With Positional Plagiocephaly: The Role of Repositioning. *Neurosurgery*. 2016 Nov;79(5):E627-E629. PubMed PMID: 27776087.

31: Mazzola C, Baird LC, Bauer DF, Beier A, Durham S, Klimo P Jr, Lin AY, McClung-Smith C, Mitchell L, Nikas D, Tamber MS, Tyagi R, Flannery AM. Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline for the Diagnosis of Patients With Positional Plagiocephaly: The Role of Imaging. *Neurosurgery*. 2016 Nov;79(5):E625-E626. PubMed PMID: 27776086.

32: Tamber MS, Nikas D, Beier A, Baird LC, Bauer DF, Durham S, Klimo P Jr, Lin AY, Mazzola C, McClung-Smith C, Mitchell L, Tyagi R, Flannery AM. Guidelines: Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on the Role of Cranial Molding Orthosis (Helmet) Therapy for Patients With Positional Plagiocephaly. *Neurosurgery*. 2016 Nov;79(5):E632-E633. PubMed PMID: 27759675.

33: Baird LC, Klimo P Jr, Flannery AM, Bauer DF, Beier A, Durham S, Lin AY, McClung-Smith C, Mitchell L, Nikas D, Tamber MS, Tyagi R, Mazzola C. Guidelines: Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline for the Management of Patients With Positional Plagiocephaly: The Role of Physical Therapy. *Neurosurgery*. 2016 Nov;79(5):E630-E631. PubMed PMID: 27759674.

34: Klimo P Jr, Lingo PR, Baird LC, Bauer DF, Beier A, Durham S, Lin AY, McClung-Smith C, Mitchell L, Nikas D, Tamber MS, Tyagi R, Mazzola C, Flannery AM. Guidelines: Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on the Management of Patients With Positional Plagiocephaly: The Role of Repositioning. *Neurosurgery*. 2016 Nov;79(5):E627-E629. PubMed PMID: 27759673.

35: Mazzola C, Baird LC, Bauer DF, Beier A, Durham S, Klimo P Jr, Lin AY, McClung-Smith C, Mitchell L, Nikas D, Tamber MS, Tyagi R, Flannery AM. Guidelines: Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline for the Diagnosis of Patients With Positional Plagiocephaly: The Role of Imaging. *Neurosurgery*. 2016 Nov;79(5):E625-E626. PubMed PMID: 27759672.

36: Flannery AM, Tamber MS, Mazzola C, Klimo P Jr, Baird LC, Tyagi R, Bauer DF, Beier A, Durham S, Lin AY, McClung-Smith C, Mitchell L, Nikas D. Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines for the Management of Patients With Positional Plagiocephaly: Executive Summary. *Neurosurgery*. 2016 Nov;79(5):623-624. PubMed PMID: 27759671.

37: Collins MW, Kontos AP, Okonkwo DO, Almquist J, Bailes J, Barisa M, Bazarian J, Bloom OJ, Brody DL, Cantu R, Cardenas J, Clugston J, Cohen R, Echemendia R, Elbin RJ, Ellenbogen R, Fonseca J, Gioia G, Guskiewicz K, Heyer R, Hotz G, Iverson GL, Jordan B, Manley G, Maroon J, McAllister T, McCrea M, Mucha A, Pieroth E, Podell K, Pombo M, Shetty T, Sills A, Solomon G, Thomas DG, Valovich McLeod TC, Yates T, Zafonte R. Statements of Agreement From the Targeted Evaluation and Active Management (TEAM) Approaches to Treating Concussion Meeting Held in Pittsburgh, October 15-16, 2015. *Neurosurgery*. 2016 Dec;79(6):912-929. PubMed PMID: 27741219; PubMed Central PMCID: PMC5119544.

- 38: Nagelli CV, Cook JL, Kuroki K, Bozynski C, Ma R, Hewett TE. Does Anterior Cruciate Ligament Innervation Matter for Joint Function and Development of Osteoarthritis? *J Knee Surg.* 2017 May;30(4):364-371. doi: 10.1055/s-0036-1592145. Epub 2016 Sep 20. PubMed PMID: 27648746.
- 39: Patel ND, Broderick DF, Burns J, Deshmukh TK, Fries IB, Harvey HB, Holly L, Hunt CH, Jagadeesan BD, Kennedy TA, O'Toole JE, Perlmutter JS, Policeni B, Rosenow JM, Schroeder JW, Whitehead MT, Cornelius RS, Corey AS. ACR Appropriateness Criteria Low Back Pain. *J Am Coll Radiol.* 2016 Sep;13(9):1069-78. doi: 10.1016/j.jacr.2016.06.008. Epub 2016 Aug 3. PubMed PMID: 27496288.
- 40: Belton PJ, Nanda A, Alqadri SL, Khakh GS, Chandrasekaran PN, Newey C, Humphries WE. Paradoxical cerebral air embolism causing large vessel occlusion treated with endovascular aspiration. *J Neurointerv Surg.* 2017 Apr;9(4):e10. doi: 10.1136/neurintsurg-2016-012535.rep. Epub 2016 Jul 25. PubMed PMID: 27455873.
- 41: Belton PJ, Nanda A, Alqadri SL, Khakh GS, Chandrasekaran PN, Newey C, Humphries WE. Paradoxical cerebral air embolism causing large vessel occlusion treated with endovascular aspiration. *BMJ Case Rep.* 2016 Jul 18;2016. pii: bcr2016012535. doi: 10.1136/bcr-2016-012535. PubMed PMID: 27435840.
- 42: Ford CA, Nowlan NC, Thomopoulos S, Killian ML. Effects of imbalanced muscle loading on hip joint development and maturation. *J Orthop Res.* 2017 May;35(5):1128-1136. doi: 10.1002/jor.23361. Epub 2016 Jul 25. PubMed PMID: 27391299; PubMed Central PMCID: PMC5575772.
- 43: Kulkarni AV, Riva-Cambrin J, Holubkov R, Browd SR, Cochrane DD, Drake JM, Limbrick DD, Rozzelle CJ, Simon TD, Tamber MS, Wellons JC 3rd, Whitehead WE, Kestle JR; Hydrocephalus Clinical Research Network. Endoscopic third ventriculostomy in children: prospective, multicenter results from the Hydrocephalus Clinical Research Network. *J Neurosurg Pediatr.* 2016 Oct;18(4):423-429. Epub 2016 Jun 3. PubMed PMID: 27258593.
- 44: Spurgeon A, Le V, Konakondla S, Miller DC, Hopkins T, Litofsky NS. High-Grade Glioma of the Ventrolateral Medulla in an Adult: Case Presentation and Discussion of Surgical Considerations. *Case Rep Neurol Med.* 2016;2016:6813089. doi: 10.1155/2016/6813089. Epub 2016 May 8. PubMed PMID: 27242937; PubMed Central PMCID: PMC4875976.
- 45: Oshima Y, Kelly MP, Song KS, Park MS, Chuntarapas T, Vo KD, Yeom JS, Takeshita K, Riew KD. Spinal laminar Line Test as a Screening Tool for C1 Stenosis. *Global Spine J.* 2016 Jun;6(4):370-4. doi: 10.1055/s-0035-1564418. Epub 2015 Sep 14. PubMed PMID: 27190740; PubMed Central PMCID: PMC4868590.
- 46: Ashour AM, Elbabaa SK, Caputy AJ, Gragnaniello C. Navigation-Guided Endoscopic Intraventricular Injectable Tumor Model: Cadaveric Tumor Resection Model for Neurosurgical Training. *World Neurosurg.* 2016 Dec;96:261-266. doi: 10.1016/j.wneu.2016.04.048. Epub 2016 Apr 21. PubMed PMID: 27109629.
- 47: 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.
- 48: Buzzola R, Kurukulasuriya LR, Touza M, Litofsky NS, Brietzke S, Sowers JR. A Possible New Multiple

Endocrine Neoplasia Mutation in a Patient with a Prototypic Multiple Endocrine Neoplasia Presentation. *Cardiorenal Med.* 2016 Feb;6(2):129-34. doi: 10.1159/000440985. Epub 2016 Jan 15. PubMed PMID: 26989398; PubMed Central PMCID: PMC4789941.

49: Lopez V Jr, Ma R, Weinstein MG, Cantu RC, Myers LS, Nadkar NS, Victoria C, Allen AA. Concussive Injuries in Rugby 7s: An American Experience and Current Review. *Med Sci Sports Exerc.* 2016 Jul;48(7):1320-30. doi: 10.1249/MSS.0000000000000892. PubMed PMID: 26829001.

50: Ladner TR, Greenberg JK, Guerrero N, Olsen MA, Shannon CN, Yarbrough CK, Piccirillo JF, Anderson RC, Feldstein NA, Wellons JC 3rd, Smyth MD, Park TS, Limbrick DD Jr. Chiari malformation Type I surgery in pediatric patients. Part 1: validation of an ICD-9-CM code search algorithm. *J Neurosurg Pediatr.* 2016 May;17(5):519-24. doi: 10.3171/2015.10.PEDS15370. Epub 2016 Jan 22. PubMed PMID: 26799412; PubMed Central PMCID: PMC4853277.

51: Greenberg JK, Olsen MA, Yarbrough CK, Ladner TR, Shannon CN, Piccirillo JF, Anderson RC, Wellons JC 3rd, Smyth MD, Park TS, Limbrick DD Jr. Chiari malformation Type I surgery in pediatric patients. Part 2: complications and the influence of comorbid disease in California, Florida, and New York. *J Neurosurg Pediatr.* 2016 May;17(5):525-32. doi: 10.3171/2015.10.PEDS15369. Epub 2016 Jan 22. PubMed PMID: 26799408; PubMed Central PMCID: PMC4876706.

52: Amin-Hanjani S, Pandey DK, Rose-Finnell L, Du X, Richardson D, Thulborn KR, Elkind MS, Zipfel GJ, Liebeskind DS, Silver FL, Kasner SE, Aletich VA, Caplan LR, Derdeyn CP, Gorelick PB, Charbel FT; Vertebrobasilar Flow Evaluation and Risk of Transient Ischemic Attack and Stroke Study Group. Effect of Hemodynamics on Stroke Risk in Symptomatic Atherosclerotic Vertebrobasilar Occlusive Disease. *JAMA Neurol.* 2016 Feb;73(2):178-85. doi: 10.1001/jamaneurol.2015.3772. PubMed PMID: 26720181; PubMed Central PMCID: PMC5274634.

53: Kestle JR, Holubkov R, Douglas Cochrane D, Kulkarni AV, Limbrick DD Jr, Luerssen TG, Jerry Oakes W, Riva-Cambrin J, Rozzelle C, Simon TD, Walker ML, Wellons JC 3rd, Browd SR, Drake JM, Shannon CN, Tamber MS, Whitehead WE; Hydrocephalus Clinical Research Network. A new Hydrocephalus Clinical Research Network protocol to reduce cerebrospinal fluid shunt infection. *J Neurosurg Pediatr.* 2016 Apr;17(4):391-6. doi: 10.3171/2015.8.PEDS15253. Epub 2015 Dec 18. PubMed PMID: 26684763.

54: McCally RE, Bukoski A, Branson KR, Fox DB, Cook JL. Comparison of Short-Term Postoperative Analgesia by Epidural, Femoral Nerve Block, or Combination Femoral and Sciatic Nerve Block in Dogs Undergoing Tibial Plateau Leveling Osteotomy. *Vet Surg.* 2015 Nov;44(8):983-7. doi: 10.1111/vsu.12406. Epub 2015 Oct 8. PubMed PMID: 26447168.

55: Goldstein CL, Brodke DS, Choma TJ. Surgical Management of Spinal Conditions in the Elderly Osteoporotic Spine. *Neurosurgery.* 2015 Oct;77 Suppl 4:S98-107. doi: 10.1227/NEU.0000000000000948. Review. PubMed PMID: 26378363.

56: Lubelski D, Choma TJ, Steinmetz MP, Harrop JS, Mroz TE. Perioperative Medical Management of Spine Surgery Patients With Osteoporosis. *Neurosurgery.* 2015 Oct;77 Suppl 4:S92-7. doi: 10.1227/NEU.0000000000000939. Review. PubMed PMID: 26378362.

57: Goldstein CL, Chutkan NB, Choma TJ, Orr RD. Management of the Elderly With Vertebral Compression Fractures. *Neurosurgery.* 2015 Oct;77 Suppl 4:S33-45. doi: 10.1227/NEU.0000000000000947. Review. PubMed PMID: 26378356.

58: Shamji MF, Goldstein CL, Wang M, Uribe JS, Fehlings MG. Minimally Invasive Spinal Surgery in the Elderly: Does It Make Sense? *Neurosurgery.* 2015 Oct;77 Suppl 4:S108-15. doi: 10.1227/NEU.0000000000000941. Review. PubMed PMID: 26378348.

59: Fehlings MG, Tetreault L, Nater A, Choma T, Harrop J, Mroz T, Santaguida C, Smith JS. The Aging of the Global Population: The Changing Epidemiology of Disease and Spinal Disorders. *Neurosurgery*. 2015 Oct;77 Suppl 4:S1-5. doi: 10.1227/NEU.0000000000000953. PubMed PMID: 26378347.

60: Abel NA, De Sousa EA, Govindarajan R, Mayer MP, Simpson DA. Guidelines for ethical behavior relating to clinical practice issues in neuromuscular and electrodiagnostic medicine. *Muscle Nerve*. 2015 Dec;52(6):1122-9. doi: 10.1002/mus.24910. Epub 2015 Oct 10. PubMed PMID: 26372720.

61: Conboy E, Dhamija R, Wang M, Xie J, Dyck PJ, Bridges AG, Spinner RJ, Clayton AC, Watson RE, Messiaen L, Babovic-Vuksanovic D. Paraspinal neurofibromas and hypertrophic neuropathy in Noonan syndrome with multiple lentigines. *J Med Genet*. 2016 Feb;53(2):123-6. doi: 10.1136/jmedgenet-2015-103177. Epub 2015 Sep 2. PubMed PMID: 26337637.

62: Peterson BE, Jiwanlal A, Della Rocca GJ, Crist BD. Orthopedic Trauma and Aging: It Isn't Just About Mortality. *Geriatr Orthop Surg Rehabil*. 2015 Mar;6(1):33-6. doi: 10.1177/2151458514565663. PubMed PMID: 26246951; PubMed Central PMCID: PMC4318810.

63: Thiffault I, Wolf NI, Forget D, Guerrero K, Tran LT, Choquet K, Lavallée-Adam M, Poitras C, Brais B, Yoon G, Sztriha L, Webster RI, Timmann D, van de Warrenburg BP, Seeger J, Zimmermann A, Máté A, Goizet C, Fung E, van der Knaap MS, Fribourg S, Vanderver A, Simons C, Taft RJ, Yates JR 3rd, Coulombe B, Bernard G. Recessive mutations in POLR1C cause a leukodystrophy by impairing biogenesis of RNA polymerase III. *Nat Commun*. 2015 Jul 7;6:7623. doi: 10.1038/ncomms8623. PubMed PMID: 26151409; PubMed Central PMCID: PMC4506509.

64: Cohen BH, Geyer JR, Miller DC, Curran JG, Zhou T, Holmes E, Ingles SA, Dunkel IJ, Hilden J, Packer RJ, Pollack IF, Gajjar A, Finlay JL; Children's Oncology Group. Pilot Study of Intensive Chemotherapy With Peripheral Hematopoietic Cell Support for Children Less Than 3 Years of Age With Malignant Brain Tumors, the CCG-99703 Phase I/II Study. A Report From the Children's Oncology Group. *Pediatr Neurol*. 2015 Jul;53(1):31-46. doi: 10.1016/j.pediatrneurol.2015.03.019. Epub 2015 Apr 9. PubMed PMID: 26092413; PubMed Central PMCID: PMC5166616.

65: Litofsky NS. Making Dissection Planes for Cranioplasty After Decompressive Craniectomy Easier. *World Neurosurg*. 2015 Oct;84(4):889-90. doi: 10.1016/j.wneu.2015.05.079. Epub 2015 Jun 12. PubMed PMID: 26074440.

66: Chesnut RM, Bleck TP, Citerio G, Classen J, Cooper DJ, Coplin WM, Diringer MN, Grände PO, Hemphill JC 3rd, Hutchinson PJ, Le Roux P, Mayer SA, Menon DK, Myburgh JA, Okonkwo DO, Robertson CS, Sahuquillo J, Stocchetti N, Sung G, Temkin N, Vespa PM, Videtta W, Yonas H. A Consensus-Based Interpretation of the Benchmark Evidence from South American Trials: Treatment of Intracranial Pressure Trial. *J Neurotrauma*. 2015 Nov 15;32(22):1722-4. doi: 10.1089/neu.2015.3976. Epub 2015 Aug 31. PubMed PMID: 26061135.

67: Quick JA, Meyer JM, Coughenour JP, Barnes SL. Less Is More: Low-dose Prothrombin Complex Concentrate Effective in Acute Care Surgery Patients. *Am Surg*. 2015 Jun;81(6):646-50. PubMed PMID: 26031281.

68: Ganti L, Conroy LM, Bodhit A, Daneshvar Y, Patel PS, Ayala S, Kuchibhotla S, Hatchitt K, Pulvino C, Peters KR, Lottenberg LL. Understanding Why Patients Return to the Emergency Department after Mild Traumatic Brain Injury within 72 Hours. *West J Emerg Med*. 2015 May;16(3):481-5. doi: 10.5811/westjem.2015.2.23546. Epub 2015 Apr 2. PubMed PMID: 25987933; PubMed Central PMCID: PMC4427230.

69: White WB, Galis ZS, Henegar J, Kandzari DE, Victor R, Sica D, Townsend RR, Turner JR, Virmani R,

Mauri L. Renal denervation therapy for hypertension: pathways for moving development forward. *J Am Soc Hypertens*. 2015 May;9(5):341-50. doi: 10.1016/j.jash.2015.02.012. Review. PubMed PMID: 25979410.

70: Layfield LJ, Frazier S, Schanzmeyer E. Histomorphologic Features of Biopsy Sites Following Excisional and Core Needle Biopsies of the Breast. *Breast J*. 2015 Jul-Aug;21(4):370-6. doi: 10.1111/tbj.12414. Epub 2015 Apr 30. PubMed PMID: 25929243.

71: Roadmap Epigenomics Consortium, Kundaje A, Meuleman W, Ernst J, Bilenky M, Yen A, Heravi-Moussavi A, Kheradpour P, Zhang Z, Wang J, Ziller MJ, Amin V, Whitaker JW, Schultz MD, Ward LD, Sarkar A, Quon G, Sandstrom RS, Eaton ML, Wu YC, Pfennig AR, Wang X, Claussnitzer M, Liu Y, Coarfa C, Harris RA, Shores N, Epstein CB, Gjoneska E, Leung D, Xie W, Hawkins RD, Lister R, Hong C, Gascard P, Mungall AJ, Moore R, Chuah E, Tam A, Canfield TK, Hansen RS, Kaul R, Sabo PJ, Bansal MS, Carles A, Dixon JR, Farh KH, Feizi S, Karlic R, Kim AR, Kulkarni A, Li D, Lowdon R, Elliott G, Mercer TR, Neph SJ, Onuchic V, Polak P, Rajagopal N, Ray P, Sallari RC, Siebenthall KT, Sinnott-Armstrong NA, Stevens M, Thurman RE, Wu J, Zhang B, Zhou X, Beaudet AE, Boyer LA, De Jager PL, Farnham PJ, Fisher SJ, Haussler D, Jones SJ, Li W, Marra MA, McManus MT, Sunyaev S, Thomson JA, Tlsty TD, Tsai LH, Wang W, Waterland RA, Zhang MQ, Chadwick LH, Bernstein BE, Costello JF, Ecker JR, Hirst M, Meissner A, Milosavljevic A, Ren B, Stamatoyannopoulos JA, Wang T, Kellis M. Integrative analysis of 111 reference human epigenomes. *Nature*. 2015 Feb 19;518(7539):317-30. doi: 10.1038/nature14248. PubMed PMID: 25693563; PubMed Central PMCID: PMC4530010.

72: Elliott G, Hong C, Xing X, Zhou X, Li D, Coarfa C, Bell RJ, Maire CL, Ligon KL, Sigaroudinia M, Gascard P, Tlsty TD, Harris RA, Schalkwyk LC, Bilenky M, Mill J, Farnham PJ, Kellis M, Marra MA, Milosavljevic A, Hirst M, Stormo GD, Wang T, Costello JF. Intermediate DNA methylation is a conserved signature of genome regulation. *Nat Commun*. 2015 Feb 18;6:6363. doi: 10.1038/ncomms7363. PubMed PMID: 25691127; PubMed Central PMCID: PMC4333717.

73: Silverberg GD, Miller MC, Pascale CL, Caralopoulos IN, Agca Y, Agca C, Stopa EG. Kaolin-induced chronic hydrocephalus accelerates amyloid deposition and vascular disease in transgenic rats expressing high levels of human APP. *Fluids Barriers CNS*. 2015 Jan 24;12(1):2. doi: 10.1186/2045-8118-12-2. eCollection 2015. PubMed PMID: 25685319; PubMed Central PMCID: PMC4328504.

74: Henegar JR, Zhang Y, Hata C, Narciso I, Hall ME, Hall JE. Catheter-Based Radiofrequency Renal Denervation: Location Effects on Renal Norepinephrine. *Am J Hypertens*. 2015 Jul;28(7):909-14. doi: 10.1093/ajh/hpu258. Epub 2015 Jan 8. PubMed PMID: 25576624; PubMed Central PMCID: PMC4804121.

75: Castonguay AC, Zaidat OO, Novakovic R, Nguyen TN, Taqi MA, Gupta R, Sun CH, Martin C, Holloway WE, Mueller-Kronast N, E 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.

76: Wininger F. Neuronavigation in small animals: development, techniques, and applications. *Vet Clin North Am Small Anim Pract*. 2014 Nov;44(6):1235-48. doi: 10.1016/j.cvsm.2014.07.015. Epub 2014 Sep 22. PubMed PMID: 25245183.

77: Kent TL, Petris CK, Holds JB. Effect of upper eyelid myectomy on subsequent chemodenervation in

the management of benign essential blepharospasm. *Ophthal Plast Reconstr Surg*. 2015 May-Jun;31(3):222-6. doi: 10.1097/IOP.0000000000000263. PubMed PMID: 25192329.

78: Ghogawala Z, Benzel EC, Heary RF, Riew KD, Albert TJ, Butler WE, Barker FG 2nd, Heller JG, McCormick PC, Whitmore RG, Freund KM, Schwartz JS. Cervical spondylotic myelopathy surgical trial: randomized, controlled trial design and rationale. *Neurosurgery*. 2014 Oct;75(4):334-46. doi: 10.1227/NEU.0000000000000479. PubMed PMID: 24991714; PubMed Central PMCID: PMC4633023.

79: 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.

80: Chen Z, Shin D, Chen S, Mikhail K, Hadass O, Tomlison BN, Korkin D, Shyu CR, Cui J, Anthony DC, Gu Z. Histological quantitation of brain injury using whole slide imaging: a pilot validation study in mice. *PLoS One*. 2014 Mar 17;9(3):e92133. doi: 10.1371/journal.pone.0092133. eCollection 2014. PubMed PMID: 24637518; PubMed Central PMCID: PMC3956884.

81: Ehrman LA, Nardini D, Ehrman S, Rizvi TA, Gulick J, Krenz M, Dasgupta B, Robbins J, Ratner N, Nakafuku M, Waclaw RR. The protein tyrosine phosphatase Shp2 is required for the generation of oligodendrocyte progenitor cells and myelination in the mouse telencephalon. *J Neurosci*. 2014 Mar 5;34(10):3767-78. doi: 10.1523/JNEUROSCI.3515-13.2014. PubMed PMID: 24599474; PubMed Central PMCID: PMC3942589.

82: Darke M, Bahador FM, Miller DC, Litofsky NS, Ahsan H. Baló's concentric sclerosis: imaging findings and pathological correlation. *J Radiol Case Rep*. 2013 Jun 1;7(6):1-8. doi: 10.3941/jrcr.v7i6.1251. eCollection 2013 Jun. PubMed PMID: 24421937; PubMed Central PMCID: PMC3888114.

83: 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.

84: Bien AG, Cress MC, Nguyen SB, Westgate SJ, Nanda A. Endovascular treatment of a temporal bone pseudoaneurysm presenting as bloody otorrhea. *J Neurol Surg Rep*. 2013 Dec;74(2):88-91. doi: 10.1055/s-0033-1348954. Epub 2013 Jul 12. PubMed PMID: 24294565; PubMed Central PMCID: PMC3836882.

85: 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.

- 86: Hughes MS, Bauer MW, Della Rocca GJ, Crist BD. Orthopaedic injuries from deer stands and their functional outcomes. *J Surg Orthop Adv*. 2013 Summer;22(2):123-6. PubMed PMID: 23628564.
- 87: Cress M, Kestle JR, Holubkov R, Riva-Cambrin J. Risk factors for pediatric arachnoid cyst rupture/hemorrhage: a case-control study. *Neurosurgery*. 2013 May;72(5):716-22; discussion 722. doi: 10.1227/NEU.0b013e318285b3a4. PubMed PMID: 23313978.
- 88: Cress MC, Spurgeon AN, Miller DC, Litofsky NS. Cerebral edema associated with ventricular reservoirs in two patients: a case report. *Case Rep Neurol Med*. 2012;2012:569762. doi: 10.1155/2012/569762. Epub 2012 Feb 26. PubMed PMID: 22937353; PubMed Central PMCID: PMC3420431.
- 89: Spurgeon A, Hiser B, Hafley C, Litofsky NS. Does improving medical record documentation better reflect severity of illness in neurosurgical patients? *Clin Neurosurg*. 2011;58:155-63. PubMed PMID: 21916142.
- 90: Shen H, Barry DM, Dale JM, Garcia VB, Calcutt NA, Garcia ML. Muscle pathology without severe nerve pathology in a new mouse model of Charcot-Marie-Tooth disease type 2E. *Hum Mol Genet*. 2011 Jul 1;20(13):2535-48. doi: 10.1093/hmg/ddr152. Epub 2011 Apr 14. PubMed PMID: 21493625; PubMed Central PMCID: PMC3109999.
- 91: Soni CR, Kumar G, Sahota P, Miller DC, Litofsky NS. Metastases to Meckel's cave: report of two cases and comparative analysis of malignant tumors with meningioma and schwannoma of Meckel's cave. *Clin Neurol Neurosurg*. 2010 Dec;112(10):927-32. doi: 10.1016/j.clineuro.2010.07.019. Epub 2010 Aug 21. PubMed PMID: 20728984.
- 92: Johnson BW, Pimpalwar A. Laparoscopic-assisted placement of ventriculo-peritoneal shunt tips in children with multiple previous open abdominal ventriculo-peritoneal shunt surgeries. *Eur J Pediatr Surg*. 2009 Apr;19(2):79-82. doi: 10.1055/s-2008-1039159. Epub 2009 Feb 25. PubMed PMID: 19242905.
- 93: Garcia ML, Rao MV, Fujimoto J, Garcia VB, Shah SB, Crum J, Gotow T, Uchiyama Y, Ellisman M, Calcutt NA, Cleveland DW. Phosphorylation of highly conserved neurofilament medium KSP repeats is not required for myelin-dependent radial axonal growth. *J Neurosci*. 2009 Feb 4;29(5):1277-84. doi: 10.1523/JNEUROSCI.3765-08.2009. PubMed PMID: 19193875; PubMed Central PMCID: PMC2782950.
- 94: Puli SR, Reddy JB, Bechtold ML, Antillon MR, Brugge WR. EUS-guided celiac plexus neurolysis for pain due to chronic pancreatitis or pancreatic cancer pain: a meta-analysis and systematic review. *Dig Dis Sci*. 2009 Nov;54(11):2330-7. doi: 10.1007/s10620-008-0651-x. Epub 2009 Jan 10. Review. PubMed PMID: 19137428.
- 95: Colbert SH, Mackinnon SE. Nerve transfers for brachial plexus reconstruction. *Hand Clin*. 2008 Nov;24(4):341-61, v. doi: 10.1016/j.hcl.2008.07.001. Review. PubMed PMID: 18928885.
- 96: Bradley LH, Paullus WC, Howe J, Litofsky NS. Isolated transverse process fractures: spine service management not needed. *J Trauma*. 2008 Oct;65(4):832-6; discussion 836. doi: 10.1097/TA.0b013e318184d30e. PubMed PMID: 18849799.
- 97: Shah MM, Smyth MD, Woo AS. Adverse facial edema associated with off-label use of recombinant human bone morphogenetic protein-2 in cranial reconstruction for craniosynostosis. Case report. *J Neurosurg Pediatr*. 2008 Mar;1(3):255-7. doi: 10.3171/PED/2008/1/3/255. PubMed PMID: 18352773.
- 98: McClellan AD, Kovalenko MO, Benes JA, Schulz DJ. Spinal cord injury induces changes in

electrophysiological properties and ion channel expression of reticulospinal neurons in larval lamprey. *J Neurosci*. 2008 Jan 16;28(3):650-9. doi: 10.1523/JNEUROSCI.3840-07.2008. PubMed PMID: 18199765; PubMed Central PMCID: PMC2915838.

99: Huyette DR, Turnbow BJ, Kaufman C, Vaslow DF, Whiting BB, Oh MY. Accuracy of the freehand pass technique for ventriculostomy catheter placement: retrospective assessment using computed tomography scans. *J Neurosurg*. 2008 Jan;108(1):88-91. doi: 10.3171/JNS/2008/108/01/0088. PubMed PMID: 18173315.

100: Bulsara KR, Karavadia SS, Powers CJ, Paullus WC. Association between pituitary neuroendocrine tumors and intracranial aneurysms: an illustrative case and review of the literature. *Neurol India*. 2007 Oct-Dec;55(4):410-2. PubMed PMID: 18040122.

101: Kramer J, Coates JR, Hoffman AG, Frappier BL. Preliminary anatomic investigation of three approaches to the equine cranium and brain for limited craniectomy procedures. *Vet Surg*. 2007 Jul;36(5):500-8. PubMed PMID: 17614932.

102: Vasudevan RR, Galvan G, Pait GT, Villavicencio AT, Bulsara KR. Muscle splitting approach with MetrX system for removal of intrathecal [bullet fragment](#): a case report. *J Trauma*. 2007 May;62(5):1290-1. PubMed PMID: 17495741.

103: Bulsara KR, Coates JR, Agrawal VK, Eifler DM, Wagner-Mann CC, Durham HE, Fine DM, Toft K. Effect of combined simvastatin and cyclosporine compared with simvastatin alone on cerebral vasospasm after subarachnoid hemorrhage in a canine model. *Neurosurg Focus*. 2006 Sep 15;21(3):E11. PubMed PMID: 17029335.

104: Bulsara KR, Leveque JC, Gray L, Fukushima T, Friedman AH, Villavicencio AT. Three-dimensional computed tomographic analysis of the relationship between the arcuate eminence and the superior semicircular canal. *Neurosurgery*. 2006 Jul;59(1 Suppl 1):ONS7-12; discussion ONS7-12. PubMed PMID: 16888555.

105: Jimenez DF, Barone CM. Endoscopy-assisted wide-vertex craniectomy, "barrel-stave" osteotomies, and postoperative helmet molding therapy in the early management of sagittal suture craniosynostosis. *Neurosurg Focus*. 2000 Sep 15;9(3):e2. PubMed PMID: 16833253.

106: Bulsara KR, Velez DA, Villavicencio A. Rotational vertebral artery insufficiency resulting from cervical spondylosis: case report and review of the literature. *Surg Neurol*. 2006 Jun;65(6):625-7. Review. PubMed PMID: 16720191.

107: Litofsky NS, Bauer AM, Kasper RS, Sullivan CM, Dabbous OH; Glioma Outcomes Project Investigators. Image-guided resection of high-grade glioma: patient selection factors and outcome. *Neurosurg Focus*. 2006 Apr 15;20(4):E16. PubMed PMID: 16709021.

108: Bulsara KR, Sukhla S, Nimjee SM. History of bipolar coagulation. *Neurosurg Rev*. 2006 Apr;29(2):93-6; discussion 96. Epub 2006 Mar 16. PubMed PMID: 16541291.

109: Bulsara KR, Johnson J, Villavicencio AT. Improvements in brain tumor surgery: the modern history of awake craniotomies. *Neurosurg Focus*. 2005 Apr 15;18(4):e5. Review. PubMed PMID: 15844868.

110: Gordon PN, Kornegay JN, Lattimer JC, Cook CR, Tucker-Warhover T. Use of a rivet-like titanium clamp closure system to replace an external frontal bone flap after transfrontal craniotomy in a dog. *J Am Vet Med Assoc*. 2005 Mar 1;226(5):752-5, 731-2. PubMed PMID: 15776948.

- 111: Mueller D, Oro' JJ. Prospective analysis of self-perceived quality of life before and after posterior fossa decompression in 112 patients with Chiari malformation with or without syringomyelia. *Neurosurg Focus*. 2005 Feb 15;18(2):ECP2. PubMed PMID: 15715455.
- 112: Jimenez DF, Barone CM, McGee ME, Cartwright CC, Baker CL. Endoscopy-assisted wide-vertex craniectomy, barrel stave osteotomies, and postoperative helmet molding therapy in the management of sagittal suture craniosynostosis. *J Neurosurg*. 2004 May;100(5 Suppl Pediatrics):407-17. PubMed PMID: 15287447.
- 113: Oró JJ. Evolution of the brain: from behavior to consciousness in 3.4 billion years. *Neurosurgery*. 2004 Jun;54(6):1287-96; discussion 1296-7. Review. PubMed PMID: 15157286.
- 114: Oh MY, Ortega J, Bellotte JB, Whiting DM, Aló K. Peripheral nerve stimulation for the treatment of occipital neuralgia and transformed migraine using a c1-2-3 subcutaneous paddle style electrode: a technical report. *Neuromodulation*. 2004 Apr;7(2):103-12. doi: 10.1111/j.1094-7159.2004.04014.x. PubMed PMID: 22151191.
- 115: Tobias JD, Del Campo L, Kenter K, Groeper K, Gray B, Edwards J. Changes in transcutaneous carbon dioxide, oxygen saturation, and respiratory rate after interscalene block. *South Med J*. 2004 Jan;97(1):21-4. PubMed PMID: 14746417.
- 116: Keegan KG, Arafat S, Skubic M, Wilson DA, Kramer J. Detection of lameness and determination of the affected forelimb in horses by use of continuous wavelet transformation and neural network classification of kinematic data. *Am J Vet Res*. 2003 Nov;64(11):1376-81. PubMed PMID: 14620773.
- 117: Cartwright CC, Jimenez DF, Barone CM, Baker L. Endoscopic strip craniectomy: a minimally invasive treatment for early correction of craniosynostosis. *J Neurosci Nurs*. 2003 Jun;35(3):130-8. PubMed PMID: 12830660.
- 118: Conroy BP, Gray BC, Fischer RB, Del Campo LJ, Kenter K. Interscalene block for elective shoulder surgery. *Orthopedics*. 2003 May;26(5):501-3. PubMed PMID: 12755214.
- 119: Armstrong J, Zhang L, McClellan AD. Axon regeneration of descending and ascending spinal projection neurons in spinal cord-transected larval lamprey. *Exp Neurol*. 2003 Apr;180(2):156-66. PubMed PMID: 12684029.
- 120: McBride DS Jr, Johnson JO, Tobias JD. Noninvasive carbon dioxide monitoring during neurosurgical procedures in adults: end-tidal versus transcutaneous techniques. *South Med J*. 2002 Aug;95(8):870-4. PubMed PMID: 12190224.
- 121: Johnson JO. Anesthesia for minimally invasive neurosurgery. *Anesthesiol Clin North America*. 2002 Jun;20(2):361-75. Review. PubMed PMID: 12165999.
- 122: Johnson JO, Jimenez DF, Tobias JD. Anaesthetic care during minimally invasive neurosurgical procedures in infants and children. *Paediatr Anaesth*. 2002 Jul;12(6):478-88. Review. PubMed PMID: 12139587.
- 123: Morenski JD, Avellino AM, Elliott JP, Winn HR. Bilateral multiple cervical root avulsions without skeletal or ligamentous damage resulting from blast injury: case report. *Neurosurgery*. 2002 Jun;50(6):1368-70; discussion 1370-1. PubMed PMID: 12015859.
- 124: Cunningham JT, Grindstaff RJ, Grindstaff RR, Sullivan MJ. Fos immunoreactivity in the diagonal band and the perinuclear zone of the supraoptic nucleus after hypertension and hypervolaemia in

unanaesthetized rats. *J Neuroendocrinol.* 2002 Mar;14(3):219-27. PubMed PMID: 11999722.

125: Tobias JD. Therapeutic applications of regional anaesthesia in paediatric-aged patients. *Paediatr Anaesth.* 2002 Mar;12(3):272-7. Review. PubMed PMID: 11903943.

126: Tobias JD. Caudal epidural block: a review of test dosing and recognition of systemic injection in children. *Anesth Analg.* 2001 Nov;93(5):1156-61. Review. PubMed PMID: 11682386.

127: Tobias JD, Johnson JO, Jimenez DF, Barone CM, McBride DS Jr. Venous air embolism during endoscopic strip craniectomy for repair of craniosynostosis in infants. *Anesthesiology.* 2001 Aug;95(2):340-2. PubMed PMID: 11506103.

128: Tobias JD, Johnson JO. Rapacuronium administration to patients receiving phenytoin or carbamazepine. *J Neurosurg Anesthesiol.* 2001 Jul;13(3):240-2. PubMed PMID: 11426100.

129: Tobias JD. Brachial plexus anaesthesia in children. *Paediatr Anaesth.* 2001 May;11(3):265-75. PubMed PMID: 11359583.

130: Barone CM, Jimenez DF, Beckert BW, Clapper AT. Effects of synthetic craniofacial materials on cerebral microcirculation. *J Craniofac Surg.* 2001 Mar;12(2):191-3. PubMed PMID: 11314631.

131: Barone CM, Jimenez DF, Boschert MT. Temporalis muscle resuspension using titanium miniplates and screws: technical note. *Neurosurgery.* 2001 Feb;48(2):450-1. PubMed PMID: 11220395.

132: Sánchez JA, Li Y, Kirk MD. Regeneration of cerebral-buccal interneurons and recovery of ingestion buccal motor programs in *Aplysia* after CNS lesions. *J Neurophysiol.* 2000 Dec;84(6):2961-74. PubMed PMID: 11110824.

133: Cartwright C. Primary tethered cord syndrome: diagnosis and treatment of an insidious defect. *J Neurosci Nurs.* 2000 Aug;32(4):210-5. Review. PubMed PMID: 10994534.

134: Villarreal D, Reams G, Freeman RH. Effects of renal denervation on the sodium excretory actions of leptin in hypertensive rats. *Kidney Int.* 2000 Sep;58(3):989-94. PubMed PMID: 10972663.

135: Grindstaff RJ, Grindstaff RR, Sullivan MJ, Cunningham JT. Role of the locus ceruleus in baroreceptor regulation of supraoptic vasopressin neurons in the rat. *Am J Physiol Regul Integr Comp Physiol.* 2000 Jul;279(1):R306-19. PubMed PMID: 10896895.

136: Grindstaff RR, Grindstaff RJ, Cunningham JT. Effects of right atrial distension on the activity of magnocellular neurons in the supraoptic nucleus. *Am J Physiol Regul Integr Comp Physiol.* 2000 Jun;278(6):R1605-15. PubMed PMID: 10848530.

137: Tobias JD. Cervical plexus block in adolescents. *J Clin Anesth.* 1999 Nov;11(7):606-8. Review. PubMed PMID: 10624648.

138: Tobias JD, Mencia GA. Popliteal fossa block for postoperative analgesia after foot surgery in infants and children. *J Pediatr Orthop.* 1999 Jul-Aug;19(4):511-4. PubMed PMID: 10413003.

139: Zhang L, McClellan AD. Axon regeneration of descending brain neurons in larval lamprey demonstrated by retrograde double labeling. *J Comp Neurol.* 1999 Aug 9;410(4):612-26. PubMed PMID: 10398052.

140: Oro JJ, Gibbs SR, Haghighi SS. Balloon device for experimental graded spinal cord compression in

the rat. *J Spinal Disord.* 1999 Jun;12(3):257-61. PubMed PMID: 10382781.

141: Tobias JD, Burd RS, Helikson MA. Apnea following spinal anaesthesia in two former pre-term infants. *Can J Anaesth.* 1998 Oct;45(10):985-9. PubMed PMID: 9836035.

142: Jimenez DF. Socioeconomic issues and education of neurologic surgery residents in the United States. *Surg Neurol.* 1998 Aug;50(2):179-81. PubMed PMID: 9701125.

143: Nazareth AM, Jones TA. Central and peripheral components of short latency vestibular responses in the chicken. *J Vestib Res.* 1998 May-Jun;8(3):233-52. PubMed PMID: 9626650.

144: Calton JL, Philbrick K, McClellan AD. Anatomical regeneration and behavioral recovery following crush injury of the trigeminal root in lamprey. *J Comp Neurol.* 1998 Jul 6;396(3):322-37. PubMed PMID: 9624587.

145: Jimenez DF, Gibbs SR, Clapper AT. Endoscopic treatment of carpal tunnel syndrome: a critical review. *J Neurosurg.* 1998 May;88(5):817-26. PubMed PMID: 9576248.

146: Barone CM, Jimenez DF, Yule GJ, Strauch B. Analysis of bone formation after cranial osteotomies with a high-speed drill. *J Craniofac Surg.* 1997 Nov;8(6):466-70. PubMed PMID: 9477832.

147: Jimenez DF, Barone CM. Endoscopic craniectomy for early surgical correction of sagittal craniosynostosis. *J Neurosurg.* 1998 Jan;88(1):77-81. PubMed PMID: 9420076.

148: Aggarwal S, Childers MK, Jimenez D. Use of carbidopa-levodopa in a patient with hydrocephalus and frozen movement. *Brain Inj.* 1997 Nov;11(11):831-6. PubMed PMID: 9354260.

149: Bondurant CP, Haghighi SS. Experience with transcranial magnetic stimulation in evaluation of spinal cord injury. *Neurol Res.* 1997 Oct;19(5):497-500. PubMed PMID: 9329026.

150: Scott ML, Danzer SC, Govind CK, Kirk MD. Morphological correlates of neural regeneration in the feeding system of *Aplysia californica* after central nervous system lesions. *J Comp Neurol.* 1997 Oct 20;387(2):279-90. PubMed PMID: 9336229.

151: Bondurant CP, Haghighi SS, Oro JJ. Experience with transcranial magnetic stimulation in cortical mapping. *Neurol Res.* 1997 Aug;19(4):435-40. PubMed PMID: 9263227.

152: Jimenez DF, Gibbs SR, Clapper AT. Endoscopic treatment of carpal tunnel syndrome: a critical review. *Neurosurg Focus.* 1997 Jul 15;3(1):e6. PubMed PMID: 15099044.

153: Tobias JD. Sedation and anesthesia for pediatric bronchoscopy. *Curr Opin Pediatr.* 1997 Jun;9(3):198-206. Review. PubMed PMID: 9229156.

154: Jimenez DF, Sundrani S, Barone CM. Posttraumatic anosmia in craniofacial trauma. *J Craniomaxillofac Trauma.* 1997 Spring;3(1):8-15. PubMed PMID: 11951274.

155: Barone CM, Jimenez DF. Split-thickness calvarial grafts in young children. *J Craniofac Surg.* 1997 Jan;8(1):43-7. PubMed PMID: 10332298.

156: Jimenez DF, Barone CM, Tigno T, Yang XF, Clapper A. The effects of methylmethacrylate's hyperthermic polymerization on cerebral vascular permeability. *Acta Neurochir Suppl.* 1997;70:254-6. PubMed PMID: 9416338.

157: Tobias JD, Jimenez DF. Anaesthetic management during awake craniotomy in a 12-year-old boy.

Paediatr Anaesth. 1997;7(4):341-4. PubMed PMID: 9243694.

158: Longshore RC, O'Brien DP. Medical care of the neurosurgical patient. Semin Vet Med Surg (Small Anim). 1996 Nov;11(4):208-17. Review. PubMed PMID: 9020574.

159: Perez-Espejo MA, Haghighi SS, Adelstein EH, Madsen R. The effects of taxol, methylprednisolone, and 4-aminopyridine in compressive spinal cord injury: a qualitative experimental study. Surg Neurol. 1996 Oct;46(4):350-7. PubMed PMID: 8876716.

160: Thomas HA. Radiologic investigation and treatment of gastrointestinal fistulas. Surg Clin North Am. 1996 Oct;76(5):1081-94. Review. PubMed PMID: 8841364.

161: Colapinto EV, Cabeen MA, Johnson LN. Optic nerve compression by a dolichoectatic internal carotid artery: case report. Neurosurgery. 1996 Sep;39(3):604-6. PubMed PMID: 8875495.

162: Haghighi SS, Perez-Espejo MA, Rodriguez F, Clapper A. Radiofrequency as a lesioning model in experimental spinal cord injury. Spinal Cord. 1996 Apr;34(4):214-9. PubMed PMID: 8963965.

163: Haghighi SS, Sirintrapun SJ, Johnson JC, Keller BP, Oro JJ. Suppression of spinal and cortical somatosensory evoked potentials by desflurane anesthesia. J Neurosurg Anesthesiol. 1996 Apr;8(2):148-53. PubMed PMID: 8829563.

164: Haghighi SS, York DH, Spollen L, Oro JJ, Perez-Espejo MA. Neurophysiological evidence of spared upper motor neurons after spinal cord injury. Paraplegia. 1996 Jan;34(1):39-45. PubMed PMID: 8848322.

165: Haghighi SS, Sirintrapun SJ, Keller BP, Oro JJ, Madsen R. Effect of desflurane anesthesia on transcortical motor evoked potentials. J Neurosurg Anesthesiol. 1996 Jan;8(1):47-51. PubMed PMID: 8719193.

166: Haghighi SS, Pérez-Espejo MA, Oro JJ, Adelstein EH, Choi HJ. Origin of muscle action potentials evoked by transcranial magnetic stimulation in cats. Neurol Res. 1995 Dec;17(6):469-73. PubMed PMID: 8622805.

167: Jimenez DF, Barone CM. Intraoperative autologous blood transfusion in the surgical correction of craniosynostosis. Neurosurgery. 1995 Dec;37(6):1075-9. PubMed PMID: 8584147.

168: Haghighi SS, Pugh SL, Perez-Espejo MA, Oro JJ. Effect of 4-aminopyridine in acute spinal cord injury. Surg Neurol. 1995 May;43(5):443-7. PubMed PMID: 7660281.

169: Bondurant CP, Jimenez DF. Epidemiology of cerebrospinal fluid shunting. Pediatr Neurosurg. 1995;23(5):254-8; discussion 259. PubMed PMID: 8688350.

170: Colapinto EV, Brandenburg GA, Oro JJ, Jimenez DF. Stereotactic surgery in the management of intracranial disorders. Mo Med. 1995 Jan;92(1):42-5. PubMed PMID: 7862076.

171: Jimenez DF, Barone CM. The Sunrise Technique: the correction of occipital plagiocephaly using bandeau occipital plate and radial osteotomies. Pediatr Neurosurg. 1995;22(3):162-5; discussion 166. PubMed PMID: 7786810.

172: Haghighi SS, Pérez-Espejo A, Geng XZ, Padratzik J, Oro JJ, Spollen L. Effect of 21-aminosteroid pretreatment in compression trauma to the spinal cord. Neurol Res. 1994 Aug;16(4):268-72. PubMed PMID: 7984258.

- 173: Haghighi SS, York DH, Gaines RW, Oro JJ. Monitoring of motor tracts with spinal cord stimulation. *Spine (Phila Pa 1976)*. 1994 Jul 1;19(13):1518-24. PubMed PMID: 7939986.
- 174: Oro J, Estrem S. Transpetrosal approach to meningiomas of the medial temporal bone. *Mo Med*. 1994 Jul;91(7):357-9. PubMed PMID: 7935293.
- 175: Johnson RA, Freeman RH. Renin release in rats during blockade of nitric oxide synthesis. *Am J Physiol*. 1994 Jun;266(6 Pt 2):R1723-9. PubMed PMID: 8024020.
- 176: Villarreal D, Freeman RH, Johnson RA, Simmons JC. Effects of renal denervation on postprandial sodium excretion in experimental heart failure. *Am J Physiol*. 1994 May;266(5 Pt 2):R1599-604. PubMed PMID: 8203638.
- 177: Adelstein W. Confirmation of brain death using 99m Tc HM-PAO. *J Neurosci Nurs*. 1994 Apr;26(2):118-20. Review. PubMed PMID: 8077773.
- 178: McClellan AD. Functional regeneration and restoration of locomotor activity following spinal cord transection in the lamprey. *Prog Brain Res*. 1994;103:203-17. Review. PubMed PMID: 7886205.
- 179: Bondurant CP, Oró JJ. Spinal cord injury without radiographic abnormality and Chiari malformation. *J Neurosurg*. 1993 Dec;79(6):833-8. Review. PubMed PMID: 8246050.
- 180: Haghighi SS, Hall ED, Geng XZ, Oro JJ, Johnson GC. Therapeutic value of 21-aminosteroid U74389F in acute spinal cord injury. *Neurol Res*. 1993 Oct;15(5):321-6. PubMed PMID: 7905606.
- 181: Barone CM, Ferder M, Jimenez DF, Grossman L, Hall C, Strauch B, Argamaso RV. Distraction of the frontal bone outside the cranial plane: a rabbit model. *J Craniofac Surg*. 1993 Jul;4(3):177-81. PubMed PMID: 8241361.
- 182: Haghighi SS, Stiens T, Oro JJ, Madsen R. Evaluation of the calcium channel antagonist nimodipine after experimental spinal cord injury. *Surg Neurol*. 1993 May;39(5):403-8. PubMed PMID: 8493602.
- 183: Haghighi SS, Keller BP, Oro JJ, Gibbs SR. Motor-evoked potential changes during hypoxic hypoxia. *Surg Neurol*. 1993 May;39(5):399-402. PubMed PMID: 8493601.
- 184: Villarreal D, Freeman RH, Johnson RA. Neurohumoral modulators and sodium balance in experimental heart failure. *Am J Physiol*. 1993 Apr;264(4 Pt 2):H1187-93. PubMed PMID: 8097382.
- 185: Haghighi SS, York DH, Ebeling J, Gumerlock MK, Oro JJ, Gaines RW. Dissociation of somatosensory and motor evoked potentials in a patient with an intramedullary spinal tumor. *Mo Med*. 1992 Nov;89(11):790-4. PubMed PMID: 1291867.
- 186: Scott ML, Kirk MD. Recovery of consummatory feeding behavior after bilateral lesions of the cerebral-buccal connectives in *Aplysia californica*. *Brain Res*. 1992 Jul 10;585(1-2):272-4. PubMed PMID: 1511310.
- 187: Haghighi SS, Oro JJ, Gibbs SR, McFadden M. Effect of graded hypoxia on cortical and spinal somatosensory evoked potentials. *Surg Neurol*. 1992 May;37(5):350-5. PubMed PMID: 1631759.
- 188: Keller BP, Haghighi SS, Oro JJ, Eggers GW Jr. The effects of propofol anesthesia on transcortical electric evoked potentials in the rat. *Neurosurgery*. 1992 Apr;30(4):557-60. PubMed PMID: 1374852.
- 189: Watts C, Eyster EF. National Head and Spinal Cord Injury Prevention Program of the American

Association of Neurological Surgeons and the Congress of Neurological Surgeons. J Neurotrauma. 1992 Mar;9 Suppl 1:S307-12. PubMed PMID: 1588621.

190: Gumerlock MK, Belshe BD, Madsen R, Watts C. Osmotic blood-brain barrier disruption and chemotherapy in the treatment of high grade malignant glioma: patient series and literature review. J Neurooncol. 1992 Jan;12(1):33-46. PubMed PMID: 1541977.

191: Johnson LN, Hepler RS, Bartholomew MJ. Accuracy of papilledema and pseudopapilledema detection: a multispecialty study. J Fam Pract. 1991 Oct;33(4):381-6. PubMed PMID: 1919455.

192: Landreneau RJ, Marshall JB, Johnson JA, Boley TM, Hazelrigg SR, Curtis JJ, McClelland RN. A new balanced operation for complex gastroesophageal reflux disease. Ann Thorac Surg. 1991 Aug;52(2):325-6; discussion 327. PubMed PMID: 1863164.

193: Gumerlock MK, Spollen LE, Nelson MJ, Bishop RC, Cooperstock MS. Cervical neurenteric fistula causing recurrent meningitis in Klippel-Feil sequence: case report and literature review. Pediatr Infect Dis J. 1991 Jul;10(7):532-5. Review. PubMed PMID: 1876469.

194: Landreneau RJ, Marshall JB, McClelland RN, Curtis JJ, Johnson JA, Hazelrigg SR. New surgical approach to complicated gastroesophageal reflux disease: transthoracic parietal cell vagotomy. Ann Thorac Surg. 1991 Jan;51(1):128-30. PubMed PMID: 1985553.

195: Haghighi SS, Madsen R, Green KD, Oro JJ, Kracke GR. Suppression of motor evoked potentials by inhalation anesthetics. J Neurosurg Anesthesiol. 1990 Jun;2(2):73-8. PubMed PMID: 15815324.

196: Haghighi SS, Green KD, Oro JJ, Drake RK, Kracke GR. Depressive effect of isoflurane anesthesia on motor evoked potentials. Neurosurgery. 1990 Jun;26(6):993-7. PubMed PMID: 2362677.

197: Conway RR, Thomas R. Isolated complete denervation of the flexor pollicis longus. Arch Phys Med Rehabil. 1990 May;71(6):406-7. Review. PubMed PMID: 2185718.

198: Neville S, Watts C, Loos L, Cope M. Use of traction in cervical spine fractures during interhospital transfer by aircraft. J Spinal Disord. 1990 Mar;3(1):67-76. PubMed PMID: 2134414.

199: Gumerlock MK, Neuwelt EA. The effects of anesthesia on osmotic blood-brain barrier disruption. Neurosurgery. 1990 Feb;26(2):268-77. PubMed PMID: 2308675.

200: Perrigo G, Bryant WC, vom Saal FS. Fetal, hormonal and experiential factors influencing the mating-induced regulation of infanticide in male house mice. Physiol Behav. 1989 Aug;46(2):121-8. PubMed PMID: 2602449.

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