

Alali AS. Commentary: Neurosurgical Coverage for [Emergency](#) and Trauma Call. *Neurosurgery*. 2018 Dec 14. doi: 10.1093/neuros/nyy612. [Epub ahead of print] PubMed PMID: 30551222.

2: Clarke CM, Fok VT, Gustafson JA, Smyth MD, Timms AE, Frazar CD, Smith JD, Birgfeld CB, Lee A, Ellenbogen RG, Gruss JS, Hopper RA, Cunningham ML. Single suture craniosynostosis: Identification of rare variants in genes associated with syndromic forms. *Am J Med Genet A*. 2018 Feb;176(2):290-300. *Am J Med Genet A*. 2018 Nov;176(11):2522. doi: 10.1002/ajmg.a.38846. Epub 2018 Sep 20. PubMed PMID: 30537273.

3: Bentsen MA, Mirzadeh Z, Schwartz MW. Revisiting How the Brain Senses Glucose-And Why. *Cell Metab*. 2018 Nov 27. pii: S1550-4131(18)30678-8. doi: 10.1016/j.cmet.2018.11.001. [Epub ahead of print] Review. PubMed PMID: 30527741.

4: Kreitzer NP, Hart K, Lindsell CJ, Manley GT, Dikmen SS, Ratcliff JJ, Yue JK, Adeoye OM. A Comparison of Satisfaction With Life and the Glasgow Outcome Scale-Extended After Traumatic Brain Injury: An Analysis of the TRACK-TBI Pilot Study. *J Head Trauma Rehabil*. 2018 Nov 28. doi: 10.1097/HTR.0000000000000457. [Epub ahead of print] PubMed PMID: 30499935.

5: Guterstam A, Collins KL, Cronin JA, Zeberg H, Darvas F, Weaver KE, Ojemann JG, Ehrsson HH. Direct Electrophysiological Correlates of Body Ownership in Human Cerebral Cortex. *Cereb Cortex*. 2018 Nov 14. doi: 10.1093/cercor/bhy285. [Epub ahead of print] PubMed PMID: 30496342.

6: Sarmiento K, Waltzman D, Lumba-Brown A, Yeates KO, Putukian M, Herring S. CDC Guideline on Mild Traumatic Brain Injury in Children: Important Practice Takeaways for Sports Medicine Providers. *Clin J Sport Med*. 2018 Nov 22. doi: 10.1097/JSM.0000000000000704. [Epub ahead of print] PubMed PMID: 30489330.

7: Olafsen NP, Herring SA. Pain management in sport: therapeutic injections. *Handb Clin Neurol*. 2018;158:431-442. doi: 10.1016/B978-0-444-63954-7.00040-9. PubMed PMID: 30482371.

8: Kroshus E, Chrisman SPD, Harmon KG, Herring SA, Broglio SP, Master CL, McGill CA, Putukian M, Register-Mihalik JK, Rivara FP; National Delphi Panel on Sports Concussion Knowledge. What Do Parents Need to Know About Concussion? Developing Consensus Using the Delphi Method. *Clin J Sport Med*. 2018 Nov 20. doi: 10.1097/JSM.0000000000000702. [Epub ahead of print] PubMed PMID: 30475245.

9: Vavilala MS, King MA, Yang JT, Erickson SL, Mills B, Grant RM, Blayney C, Qiu Q, Chesnut RM, Jaffe KM, Weiner BJ, Johnston BD. The Pediatric Guideline Adherence and Outcomes (PEGASUS) programme in severe traumatic brain injury: a single-centre hybrid implementation and effectiveness study. *Lancet Child Adolesc Health*. 2018 Nov 22. pii: S2352-4642(18)30341-9. doi: 10.1016/S2352-4642(18)30341-9. [Epub ahead of print] PubMed PMID: 30473440.

10: Chivukula VK, Levitt MR, Clark A, Barbour MC, Sansom K, Johnson L, Kelly CM, Geindreau C, Rolland du Roscoat S, Kim LJ, Aliseda A. Reconstructing patient-specific cerebral aneurysm vasculature for in vitro investigations and treatment efficacy assessments. *J Clin Neurosci*. 2018 Nov 20. pii: S0967-5868(18)31031-2. doi: 10.1016/j.jocn.2018.10.103. [Epub ahead of print] PubMed PMID: 30470652.

11: Bortz CA, Passias PG, Segreto FA, Horn SR, Lafage R, Smith JS, Line BG, Mundis GM Jr, Kelly MP, Park P, Sciubba DM, Hamilton DK, Gum JL, Burton DC, Hart RA, Schwab FJ, Bess S, Shaffrey C, Klineberg EO; International Spine Study Group. Grading of Complications After Cervical Deformity-corrective Surgery: Are Existing Classification Systems Applicable? *Clin Spine Surg*. 2018 Nov 16. doi: 10.1097/BSD.0000000000000748. [Epub ahead of print] PubMed PMID: 30451785.

- 12: Eaton J, Mukuzunga C, Grudziak J, Charles A. Characteristics and outcomes of traumatic spinal cord injury in a low-resource setting. *Trop Doct.* 2018 Nov 18;49475518808969. doi: 10.1177/0049475518808969. [Epub ahead of print] PubMed PMID: 30451091.
- 13: Dlamini N, Muthusami P, Amlie-Lefond C. Childhood Moyamoya: Looking Back to the Future. *Pediatr Neurol.* 2018 Oct 15. pii: S0887-8994(18)30832-4. doi: 10.1016/j.pediatrneurol.2018.10.006. [Epub ahead of print] Review. PubMed PMID: 30424960.
- 14: Busch RM, Hogue O, Kattan MW, Hamberger M, Drane DL, Hermann B, Kim M, Ferguson L, Bingaman W, Gonzalez-Martinez J, Najm IM, Jehi L. Nomograms to predict naming decline after temporal lobe surgery in adults with epilepsy. *Neurology.* 2018 Dec 4;91(23):e2144-e2152. doi: 10.1212/WNL.0000000000006629. Epub 2018 Nov 7. PubMed PMID: 30404781.
- 15: Kalmbach BE, Buchin A, Long B, Close J, Nandi A, Miller JA, Bakken TE, Hodge RD, Chong P, de Frates R, Dai K, Maltzer Z, Nicovich PR, Keene CD, Silbergeld DL, Gwinn RP, Cobbs C, Ko AL, Ojemann JG, Koch C, Anastassiou CA, Lein ES, Ting JT. h-Channels Contribute to Divergent Intrinsic Membrane Properties of Supragranular Pyramidal Neurons in Human versus Mouse Cerebral Cortex. *Neuron.* 2018 Dec 5;100(5):1194-1208.e5. doi: 10.1016/j.neuron.2018.10.012. Epub 2018 Nov 1. PubMed PMID: 30392798.
- 16: Moyes KW, Davis A, Hoglund V, Haberthur K, Lieberman NA, Kreuser SA, Deutsch GH, Franco S, Locke D, Carleton MO, Gilbertson DG, Simmons R, Winter C, Silber J, Gonzalez-Cuyar LF, Ellenbogen RG, Crane CA. Effects of tumor grade and dexamethasone on myeloid cells in patients with glioma. *Oncoimmunology.* 2018 Aug 27;7(11):e1507668. doi: 10.1080/2162402X.2018.1507668. eCollection 2018. PubMed PMID: 30377570; PubMed Central PMCID: PMC6204983.
- 17: Bialer M, Johannessen SI, Koepp MJ, Levy RH, Perucca E, Tomson T, White HS. Progress report on new antiepileptic drugs: A summary of the Fourteenth Eilat Conference on New Antiepileptic Drugs and Devices (EILAT XIV). I. Drugs in preclinical and early clinical development. *Epilepsia.* 2018 Oct;59(10):1811-1841. doi: 10.1111/epi.14557. PubMed PMID: 30368792.
- 18: Bialer M, Johannessen SI, Koepp MJ, Levy RH, Perucca E, Tomson T, White HS. Progress report on new antiepileptic drugs: A summary of the Fourteenth Eilat Conference on New Antiepileptic Drugs and Devices (EILAT XIV). II. Drugs in more advanced clinical development. *Epilepsia.* 2018 Oct;59(10):1842-1866. doi: 10.1111/epi.14555. PubMed PMID: 30368788.
- 19: Barkley AS, Kuo CH, Leary SES, Ojemann JG, Susarla SM. Unusual Radiographic Presentation of Intracranial Mature Teratoma and Resection via a Supraorbital Approach. *World Neurosurg.* 2018 Oct 24. pii: S1878-8750(18)32387-8. doi: 10.1016/j.wneu.2018.10.089. [Epub ahead of print] PubMed PMID: 30368015.
- 20: Kucewicz JC, Salcido DD, Adedipe AA, Truong K, Nichol G, Mourad PD. Towards a Non-Invasive Cardiac Arrest Monitor: an in vivo pilot study. *Resuscitation.* 2018 Oct 23. pii: S0300-9572(18)31041-4. doi: 10.1016/j.resuscitation.2018.10.021. [Epub ahead of print] PubMed PMID: 30365974.
- 21: Helbig KL, Lauerer RJ, Bahr JC, Souza IA, Myers CT, Uysal B, Schwarz N, Gandini MA, Huang S, Keren B, Mignot C, Afenjar A, Billette de Villemeur T, Héron D, Nava C, Valence S, Buratti J, Fagerberg CR, Soerensen KP, Kibaek M, Kamsteeg EJ, Koolen DA, Gunning B, Schelhaas HJ, Kruer MC, Fox J, Bakhtiari S, Jarrar R, Padilla-Lopez S, Lindstrom K, Jin SC, Zeng X, Bilguvar K, Papavasileiou A, Xin Q, Zhu C, Boysen K, Vairo F, Lanpher BC, Klee EW, Tillema JM, Payne ET, Cousin MA, Kruisselbrink TM, Wick MJ, Baker J, Haan E, Smith N, Corbett MA, MacLennan AH, Gecz J, Biskup S, Goldmann E, Rodan

LH, Kichula E, Segal E, Jackson KE, Asamoah A, Dimmock D, McCarrier J, Botto LD, Filloux F, Tvrdik T, Cascino GD, Klingerman S, Neumann C, Wang R, Jacobsen JC, Nolan MA, Snell RG, Lehnert K, Sadleir LG, Anderlid BM, Kvarnung M, Guerrini R, Friez MJ, Lyons MJ, Leonhard J, Kringlen G, Casas K, El Achkar CM, Smith LA, Rotenberg A, Poduri A, Sanchis-Juan A, Carss KJ, Rankin J, Zeman A, Raymond FL, Blyth M, Kerr B, Ruiz K, Urquhart J, Hughes I, Banka S; Deciphering Developmental Disorders Study, Hedrich UBS, Scheffer IE, Helbig I, Zamponi GW, Lerche H, Mefford HC. De Novo Pathogenic Variants in CACNA1E Cause Developmental and Epileptic Encephalopathy with Contractures, Macrocephaly, and Dyskinesias. *Am J Hum Genet*. 2018 Nov 1;103(5):666-678. doi: 10.1016/j.ajhg.2018.09.006. Epub 2018 Oct 18. PubMed PMID: 30343943; PubMed Central PMCID: PMC6216110.

22: Raleigh DR, Sever N, Choksi PK, Sigg MA, Hines KM, Thompson BM, Elnatan D, Jaishankar P, Bisignano P, Garcia-Gonzalo FR, Krup AL, Eberl M, Byrne EFX, Siebold C, Wong SY, Renslo AR, Grabe M, McDonald JG, Xu L, Beachy PA, Reiter JF. Cilia-Associated Oxysterols Activate Smoothed. *Mol Cell*. 2018 Oct 18;72(2):316-327.e5. doi: 10.1016/j.molcel.2018.08.034. PubMed PMID: 30340023.

23: Bauer JM, Yanamadala V, Shah SA, Sethi RK. Two Surgeon Approach for Complex Spine Surgery: Rationale, Outcome, Expectations, and the Case for Payment Reform. *J Am Acad Orthop Surg*. 2018 Oct 8. doi: 10.5435/JAAOS-D-17-00717. [Epub ahead of print] PubMed PMID: 30300215.

24: Petersen LG, Lawley JS, Lilja-Cyron A, Petersen JCG, Howden EJ, Sarma S, Cornwell WK 3rd, Zhang R, Whitworth LA, Williams MA, Juhler M, Levine BD. Lower body negative pressure to safely reduce intracranial pressure. *J Physiol*. 2018 Oct 4. doi: 10.1113/JP276557. [Epub ahead of print] PubMed PMID: 30286250.

25: Sathya C, Alali AS, Wales PW, Langer JC, Kenney BD, Burd RS, Nance ML, Nathens AB. Computed tomography rates and estimated radiation-associated cancer risk among injured children treated at different trauma center types. *Injury*. 2018 Sep 19. pii: S0020-1383(18)30541-2. doi: 10.1016/j.injury.2018.09.036. [Epub ahead of print] PubMed PMID: 30270009.

26: Guest JD, Moore SW, Aimetti AA, Kutikov AB, Santamaria AJ, Hofstetter CP, Ropper AE, Theodore N, Ulich TR, Lauer RT. Internal decompression of the acutely contused spinal cord: Differential effects of irrigation only versus biodegradable scaffold implantation. *Biomaterials*. 2018 Dec;185:284-300. doi: 10.1016/j.biomaterials.2018.09.025. Epub 2018 Sep 19. PubMed PMID: 30265898.

27: Alali AS, Temkin N, Barber J, Pridgeon J, Chaddock K, Dikmen S, Hendrickson P, Videtta W, Lujan S, Petroni G, Guadagnoli N, Urbina Z, Chesnut RM. A clinical decision rule to predict intracranial hypertension in severe traumatic brain injury. *J Neurosurg*. 2018 Sep 28;1-8. doi: 10.3171/2018.4.JNS173166. [Epub ahead of print] PubMed PMID: 30265194.

28: Kuo CH, Feroze AH, Poliachik SL, Hauptman JS, Novotny EJ Jr, Ojemann JG. Laser Ablation Therapy for Pediatric Patients with Intracranial Lesions in Eloquent Areas. *World Neurosurg*. 2018 Sep 25. pii: S1878-8750(18)32120-X. doi: 10.1016/j.wneu.2018.09.074. [Epub ahead of print] PubMed PMID: 30261370.

29: Seeman SC, Campagnola L, Davoudian PA, Hoggarth A, Hage TA, Bosma-Moody A, Baker CA, Lee JH, Mihalas S, Teeter C, Ko AL, Ojemann JG, Gwinn RP, Silbergeld DL, Cobbs C, Phillips J, Lein E, Murphy G, Koch C, Zeng H, Jarsky T. Sparse recurrent excitatory connectivity in the microcircuit of the adult mouse and human cortex. *Elife*. 2018 Sep 26;7. pii: e37349. doi: 10.7554/eLife.37349. PubMed PMID: 30256194; PubMed Central PMCID: PMC6158007.

30: Mihalas AB, Hevner RF. Clonal analysis reveals laminar fate multipotency and daughter cell

apoptosis of mouse cortical intermediate progenitors. *Development*. 2018 Sep 14;145(17). pii: dev164335. doi: 10.1242/dev.164335. PubMed PMID: 30217810; PubMed Central PMCID: PMC6141770.

31: Kestle JRW, Lee A, Anderson RCE, Gociman B, Patel KB, Smyth MD, Birgfeld C, Pollack IF, Goldstein JA, Tamber M, Imahiyerobo T, Siddiqi FA; Synostosis Research Group. Variation in the management of isolated craniosynostosis: a survey of the Synostosis Research Group. *J Neurosurg Pediatr*. 2018 Sep 14:1-5. doi: 10.3171/2018.7.PEDS18132. [Epub ahead of print] PubMed PMID: 30215587.

32: Alexiades NG, Ahn ES, Blount JP, Brockmeyer DL, Browd SR, Grant GA, Heuer GG, Hankinson TC, Iskandar BJ, Jea A, Krieger MD, Leonard JR, Limbrick DD Jr, Maher CO, Proctor MR, Sandberg DI, Wellons JC 3rd, Shao B, Feldstein NA, Anderson RCE. Development of best practices to minimize wound complications after complex tethered spinal cord surgery: a modified Delphi study. *J Neurosurg Pediatr*. 2018 Sep 14:1-9. doi: 10.3171/2018.6.PEDS18243. [Epub ahead of print] PubMed PMID: 30215584.

33: Sen RD, White-Dzuro G, Ruzevick J, Kim CW, Witt JP, Telfeian AE, Wang MY, Hofstetter CP. Intra- and Perioperative Complications Associated with Endoscopic Spine Surgery: A Multi-Institutional Study. *World Neurosurg*. 2018 Dec;120:e1054-e1060. doi: 10.1016/j.wneu.2018.09.009. Epub 2018 Sep 11. PubMed PMID: 30213674.

34: Tubbs RS, Loukas M, Barbaro NM, Shah KJ, Cohen-Gadol AA. External cortical landmarks for localization of the hippocampus: Application for temporal lobectomy and amygdalohippocampectomy. *Surg Neurol Int*. 2018 Aug 22;9:171. doi: 10.4103/sni.sni_446_17. eCollection 2018. PubMed PMID: 30210904; PubMed Central PMCID: PMC6122279.

35: Kuo CC, Tucker DM, Luu P, Jenson K, Tsai JJ, Ojemann JG, Holmes MD. EEG source imaging of epileptic activity at seizure onset. *Epilepsy Res*. 2018 Oct;146:160-171. doi: 10.1016/j.eplepsyres.2018.07.006. Epub 2018 Jul 27. PubMed PMID: 30189370.

36: Dawkins RL, Miller JH, Menacho ST, Ramadan OI, Lysek MC, Kuhn EN, Tubbs RS, Walker ML, Walters BC, Agee BS, Rozzelle CJ. Thoracolumbar Injury Classification and Severity Score in Children: A Validity Study. *Neurosurgery*. 2018 Sep 4. doi: 10.1093/neuros/nyy408. [Epub ahead of print] PubMed PMID: 30189030.

37: Elsen GE, Bedogni F, Hodge RD, Bammler TK, MacDonald JW, Lindtner S, Rubenstein JLR, Hevner RF. The Epigenetic Factor Landscape of Developing Neocortex Is Regulated by Transcription Factors Pax6→Tbr2→Tbr1. *Front Neurosci*. 2018 Aug 22;12:571. doi: 10.3389/fnins.2018.00571. eCollection 2018. PubMed PMID: 30186101; PubMed Central PMCID: PMC6113890.

38: Ramdhan RC, Rai R, Brooks KN, Iwanaga J, Loukas M, Tubbs RS. Dominique Jean Larrey (1766-1842) and His Contributions to Military Medicine and Early Neurosurgery. *World Neurosurg*. 2018 Dec;120:96-99. doi: 10.1016/j.wneu.2018.08.159. Epub 2018 Aug 30. PubMed PMID: 30172978.

39: 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.

40: Lieberman NAP, DeGolier K, Kovar HM, Davis A, Hoglund V, Stevens J, Winter C, Deutsch G, Furlan SN, Vitanza NA, Leary SES, Crane CA. Characterization of the immune microenvironment of diffuse intrinsic pontine glioma: Implications for development of immunotherapy. *Neuro Oncol*. 2018 Aug 28. doi: 10.1093/neuonc/noy145. [Epub ahead of print] PubMed PMID: 30169876.

- 41: Chiarelli PA, Patel AP, Lee A, Chandra SR, Sekhar LN. Sternocleidomastoid Encephalomyosynangiosis for Treatment-Resistant Moyamoya Disease. *Oper Neurosurg* (Hagerstown). 2018 Aug 30. doi: 10.1093/ons/opy234. [Epub ahead of print] PubMed PMID: 30169838.
- 42: Kutikov AB, Moore SW, Layer RT, Podell PE, Sridhar N, Santamaria AJ, Aimetti AA, Hofstetter CP, Ulich TR, Guest JD. Method and Apparatus for the Automated Delivery of Continuous Neural Stem Cell Trails Into the Spinal Cord of Small and Large Animals. *Neurosurgery*. 2018 Aug 29. doi: 10.1093/neuros/nyy379. [Epub ahead of print] PubMed PMID: 30169668.
- 43: Mooney MA, Herro AM, Fintelmann RE, Mayberg MR, Barkhoudarian G, Gardner PA, Prevedello DM, Chicoine MR, Kelly DF, Chandler JP, Jahnke H, White WL, Little AS. Visual Field Outcome Reporting in Neurosurgery: Lessons Learned from a Prospective, Multicenter Study of Transsphenoidal Pituitary Surgery. *World Neurosurg*. 2018 Dec;120:e326-e332. doi: 10.1016/j.wneu.2018.08.069. Epub 2018 Aug 23. PubMed PMID: 30144606.
- 44: Bonow RH, Quistberg A, Rivara FP, Vavilala MS. Intensive Care Unit Admission Patterns for Mild Traumatic Brain Injury in the USA. *Neurocrit Care*. 2018 Aug 22. doi: 10.1007/s12028-018-0590-0. [Epub ahead of print] PubMed PMID: 30136076.
- 45: Zierath D, Olmstead T, Stults A, Shen A, Kunze A, Becker KJ. Chemical Sympathectomy, but not Adrenergic Blockade, Improves Stroke Outcome. *J Stroke Cerebrovasc Dis*. 2018 Nov;27(11):3177-3186. doi: 10.1016/j.jstrokecerebrovasdis.2018.07.015. Epub 2018 Aug 16. PubMed PMID: 30120036.
- 46: Hu A, Hillel A, Zhao W, Meyer T. Anxiety and depression in spasmodic dysphonia patients. *World J Otorhinolaryngol Head Neck Surg*. 2018 Jun 18;4(2):110-116. doi: 10.1016/j.wjorl.2018.04.004. eCollection 2018 Jun. PubMed PMID: 30101219; PubMed Central PMCID: PMC6074012.
- 47: Slade IR, Samet RE. Regional Anesthesia and Analgesia for Acute Trauma Patients. *Anesthesiol Clin*. 2018 Sep;36(3):431-454. doi: 10.1016/j.anclin.2018.04.004. Epub 2018 Jul 7. Review. PubMed PMID: 30092939.
- 48: Carspecken CW, Chanprasert S, Kalume F, Sedensky MM, Morgan PG. Anesthetics Have Different Effects on the Electrocorticographic Spectra of Wild-type and Mitochondrial Mutant Mice. *Anesthesiology*. 2018 Oct;129(4):744-755. doi: 10.1097/ALN.0000000000002368. PubMed PMID: 30074932; PubMed Central PMCID: PMC6148376.
- 49: Jiang R, Zhao S, Wang R, Feng H, Zhang J, Li X, Mao Y, Yuan X, Fei Z, Zhao Y, Yu X, Poon WS, Zhu X, Liu N, Kang D, Sun T, Jiao B, Liu X, Yu R, Zhang J, Gao G, Hao J, Su N, Yin G, Zhu X, Lu Y, Wei J, Hu J, Hu R, Li J, Wang D, Wei H, Tian Y, Lei P, Dong JF, Zhang J. Safety and Efficacy of Atorvastatin for Chronic Subdural Hematoma in Chinese Patients: A Randomized Clinical Trial. *JAMA Neurol*. 2018 Nov 1;75(11):1338-1346. doi: 10.1001/jamaneurol.2018.2030. PubMed PMID: 30073290; PubMed Central PMCID: PMC6248109.
- 50: Kothari G, Loblaw A, Tree AC, van As NJ, Moghanaki D, Lo SS, Ost P, Siva S. Stereotactic Body Radiotherapy for Primary Prostate Cancer. *Technol Cancer Res Treat*. 2018 Jan 1;17:1533033818789633. doi: 10.1177/1533033818789633. PubMed PMID: 30064301; PubMed Central PMCID: PMC6069023.
- 51: Piacitelli AM, Jensen DM, Brandling-Bennett H, Gray MM, Batra M, Gust J, Thaker A, Paschal C, Tsuchiya K, Pritchard CC, Perkins J, Mirzaa GM, Bennett JT. Characterization of a severe case of PIK3CA-related overgrowth at autopsy by droplet digital polymerase chain reaction and report of PIK3CA sequencing in 22 patients. *Am J Med Genet A*. 2018 Nov;176(11):2301-2308. doi:

10.1002/ajmg.a.40487. Epub 2018 Jul 31. PubMed PMID: 30063105; PubMed Central PMCID: PMC6290925.

52: Marcogliese PC, Shashi V, Spillmann RC, Stong N, Rosenfeld JA, Koenig MK, Martínez-Agosto JA, Herzog M, Chen AH, Dickson PI, Lin HJ, Vera MU, Salamon N, Graham JM Jr, Ortiz D, Infante E, Steyaert W, Dermaut B, Poppe B, Chung HL, Zuo Z, Lee PT, Kanca O, Xia F, Yang Y, Smith EC, Jasien J, Kansagra S, Spiridigliozzi G, El-Dairi M, Lark R, Riley K, Koeberl DD, Golden-Grant K; Program for Undiagnosed Diseases (UD-ProZA); Undiagnosed Diseases Network, Yamamoto S, Wangler MF, Mirzaa G, Hemelsoet D, Lee B, Nelson SF, Goldstein DB, Bellen HJ, Pena LDM. IRF2BPL Is Associated with Neurological Phenotypes. *Am J Hum Genet.* 2018 Aug 2;103(2):245-260. doi: 10.1016/j.ajhg.2018.07.006. Epub 2018 Jul 26. Erratum in: *Am J Hum Genet.* 2018 Sep 6;103(3):456. PubMed PMID: 30057031; PubMed Central PMCID: PMC6081494.

53: Wyler D, Esterlis M, Dennis BB, Ng A, Lele A. Challenges of pain management in neurologically injured patients: systematic review protocol of analgesia and sedation strategies for early recovery from neurointensive care. *Syst Rev.* 2018 Jul 24;7(1):104. doi: 10.1186/s13643-018-0756-z. PubMed PMID: 30041695; PubMed Central PMCID: PMC6058380.

54: Lele A, Cheever C, Healey L, Hurley K, Kim LJ, Creutzfeldt CJ. Operationalization of the Transition to Comfort Measures Only in the Neurocritical Care Unit: A Quality Improvement Project. *Am J Hosp Palliat Care.* 2018 Jul 24:1049909118790069. doi: 10.1177/1049909118790069. [Epub ahead of print] PubMed PMID: 30041532.

55: Wang DB, Kinoshita C, Kinoshita Y, Sopher BL, Uo T, Lee RJ, Kim JK, Murphy SP, Dirk Keene C, Garden GA, Morrison RS. Neuronal susceptibility to beta-amyloid toxicity and ischemic injury involves histone deacetylase-2 regulation of endophilin-B1. *Brain Pathol.* 2018 Jul 20. doi: 10.1111/bpa.12647. [Epub ahead of print] PubMed PMID: 30028551.

56: Cavalli FMG, Hübner JM, Sharma T, Luu B, Sill M, Zapotocky M, Mack SC, Witt H, Lin T, Shih DJH, Ho B, Santi M, Emery L, Hukin J, Dunham C, McLendon RE, Lipp ES, Gururangan S, Grossbach A, French P, Kros JM, van Veelen MC, Rao AAN, Giannini C, Leary S, Jung S, Faria CC, Mora J, Schüller U, Alonso MM, Chan JA, Klekner A, Chambless LB, Hwang EI, Massimino M, Eberhart CG, Karajannis MA, Lu B, Liau LM, Zollo M, Ferrucci V, Carlotti C, Tirapelli DPC, Tabori U, Bouffet E, Ryzhova M, Ellison DW, Merchant TE, Gilbert MR, Armstrong TS, Korshunov A, Pfister SM, Taylor MD, Aldape K, Pajtler KW, Kool M, Ramaswamy V. Heterogeneity within the PF-EPN-B ependymoma subgroup. *Acta Neuropathol.* 2018 Aug;136(2):227-237. doi: 10.1007/s00401-018-1888-x. Epub 2018 Jul 17. PubMed PMID: 30019219.

57: Li Y, Choi WJ, Wei W, Song S, Zhang Q, Liu J, Wang RK. Aging-associated changes in cerebral vasculature and blood flow as determined by quantitative optical coherence tomography angiography. *Neurobiol Aging.* 2018 Oct;70:148-159. doi: 10.1016/j.neurobiolaging.2018.06.017. Epub 2018 Jun 22. PubMed PMID: 30007164; PubMed Central PMCID: PMC6119107.

58: Wang AC, Jones DTW, Abecassis IJ, Cole BL, Leary SES, Lockwood CM, Chavez L, Capper D, Korshunov A, Fallah A, Wang S, Ene C, Olson JM, Geyer JR, Holland EC, Lee A, Ellenbogen RG, Ojemann JG. Desmoplastic Infantile Ganglioglioma/Astrocytoma (DIG/DIA) Are Distinct Entities with Frequent BRAFV600 Mutations. *Mol Cancer Res.* 2018 Oct;16(10):1491-1498. doi: 10.1158/1541-7786.MCR-17-0507. Epub 2018 Jul 13. PubMed PMID: 30006355.

59: Bobola MS, Chen L, Ezeokeke CK, Kuznetsova K, Lahti AC, Lou W, Myroniv AN, Schimek NW, Selby ML, Mourad PD. A Review of Recent Advances in Ultrasound, Placed in the Context of Pain Diagnosis and Treatment. *Curr Pain Headache Rep.* 2018 Jul 10;22(9):60. doi: 10.1007/s11916-018-0711-7. Review. PubMed PMID: 29987680; PubMed Central PMCID: PMC6061208.

60: Ravanpay AC, Barkley A, White-Dzuro GA, Cimino PJ, Gonzalez-Cuyar LF, Lockwood C, Halasz LM, Hisama FM, Ferreira M. Giant Pediatric Rhabdoid Meningioma Associated with a Germline BAP1 Pathogenic Variation: A Rare Clinical Case. *World Neurosurg*. 2018 Nov;119:402-415. doi: 10.1016/j.wneu.2018.06.227. Epub 2018 Jul 6. PubMed PMID: 29981911.

61: Vellayappan BA, Kumar N, Chang EL, Sahgal A, Sloan AE, Lo SS. Novel multidisciplinary approaches in the management of metastatic epidural spinal cord compression. *Future Oncol*. 2018 Jul;14(17):1665-1668. doi: 10.2217/fon-2018-0133. Epub 2018 Jun 25. PubMed PMID: 29939082.

62: Macomber MW, Schaub SK, Apisarnthanarax S. Case reports: Liver abscess after hepatic stereotactic body radiation therapy. *Pract Radiat Oncol*. 2018 Sep - Oct;8(5):e255-e258. doi: 10.1016/j.prro.2018.02.008. Epub 2018 Feb 21. PubMed PMID: 29935956.

63: Grassia F, Poliakov AV, Poliachik SL, Casimo K, Friedman SD, Shurtleff H, Giussani C, Novotny EJ Jr, Ojemann JG, Hauptman JS. Changes in resting-state connectivity in pediatric temporal lobe epilepsy. *J Neurosurg Pediatr*. 2018 Sep;22(3):270-275. doi: 10.3171/2018.3.PEDS17701. Epub 2018 Jun 22. PubMed PMID: 29932365.

64: Brainstorm Consortium, Anttila V, Bulik-Sullivan B, Finucane HK, Walters RK, Bras J, Duncan L, Escott-Price V, Falcone GJ, Gormley P, Malik R, Patsopoulos NA, Ripke S, Wei Z, Yu D, Lee PH, Turley P, Grenier-Boley B, Chouraki V, Kamatani Y, Berr C, Letenneur L, Hannequin D, Amouyel P, Boland A, Deleuze JF, Duron E, Vardarajan BN, Reitz C, Goate AM, Huentelman MJ, Kamboh MI, Larson EB, Rogaeva E, St George-Hyslop P, Hakonarson H, Kukull WA, Farrer LA, Barnes LL, Beach TG, Demirci FY, Head E, Hulette CM, Jicha GA, Kauwe JSK, Kaye JA, Leverenz JB, Levey AI, Lieberman AP, Pankratz VS, Poon WW, Quinn JF, Saykin AJ, Schneider LS, Smith AG, Sonnen JA, Stern RA, Van Deerlin VM, Van Eldik LJ, Harold D, Russo G, Rubinsztein DC, Bayer A, Tsolaki M, Proitsi P, Fox NC, Hampel H, Owen MJ, Mead S, Passmore P, Morgan K, Nöthen MM, Rossor M, Lupton MK, Hoffmann P, Kornhuber J, Lawlor B, McQuillin A, Al-Chalabi A, Bis JC, Ruiz A, Boada M, Seshadri S, Beiser A, Rice K, van der Lee SJ, De Jager PL, Geschwind DH, Riemenschneider M, Riedel-Heller S, Rotter JI, Ransmayr G, Hyman BT, Cruchaga C, Alegret M, Winsvold B, Palta P, Farh KH, Cuenca-Leon E, Furlotte N, Kurth T, Ligthart L, Terwindt GM, Freilinger T, Ran C, Gordon SD, Borck G, Adams HHH, Lehtimäki T, Wedenoja J, Buring JE, Schürks M, Hrafnisdottir M, Hottenga JJ, Penninx B, Artto V, Kaunisto M, Vepsäläinen S, Martin NG, Montgomery GW, Kurki MI, Hämäläinen E, Huang H, Huang J, Sandor C, Webber C, Muller-Myhsok B, Schreiber S, Salomaa V, Loehrer E, Göbel H, Macaya A, Pozo-Rosich P, Hansen T, Werge T, Kaprio J, Metspalu A, Kubisch C, Ferrari MD, Belin AC, van den Maagdenberg AMJM, Zwart JA, Boomsma D, Eriksson N, Olesen J, Chasman DI, Nyholt DR, Avbersek A, Baum L, Berkovic S, Bradfield J, Buono R, Catarino CB, Cossette P, De Jonghe P, Depondt C, Dlugos D, Ferraro TN, French J, Hjalgrim H, Jamnadas-Khoda J, Kälviäinen R, Kunz WS, Lerche H, Leu C, Lindhout D, Lo W, Lowenstein D, McCormack M, Møller RS, Molloy A, Ng PW, Oliver K, Privitera M, Radtke R, Ruppert AK, Sander T, Schachter S, Schankin C, Scheffer I, Schoch S, Sisodiya SM, Smith P, Sperling M, Striano P, Surges R, Thomas GN, Visscher F, Whelan CD, Zara F, Heinzen EL, Marson A, Becker F, Stroink H, Zimprich F, Gasser T, Gibbs R, Heutink P, Martinez M, Morris HR, Sharma M, Ryten M, Mok KY, Pulit S, Bevan S, Holliday E, Attia J, Battey T, Boncoraglio G, Thijs V, Chen WM, Mitchell B, Rothwell P, Sharma P, Sudlow C, Vicente A, Markus H, Kourkoulis C, Pera J, Raffeld M, Silliman S, Boraska Perica V, Thornton LM, Huckins LM, William Rayner N, Lewis CM, Gratacos M, Rybakowski F, Keski-Rahkonen A, Raevuori A, Hudson JL, Reichborn-Kjennerud T, Monteleone P, Karwautz A, Mannik K, Baker JH, O'Toole JK, Trace SE, Davis OSP, Helder SG, Ehrlich S, Herpertz-Dahlmann B, Danner UN, van Elburg AA, Clementi M, Forzan M, Docampo E, Lissowska J, Hauser J, Tortorella A, Maj M, Gonidakis F, Tziouvas K, Papezova H, Yilmaz Z, Wagner G, Cohen-Woods S, Herms S, Julià A, Rabionet R, Dick DM, Ripatti S, Andreassen OA, Espeseth T, Lundervold AJ, Steen VM, Pinto D, Scherer SW, Aschauer H, Schosser A, Alfredsson L, Padyukov L, Halmi KA, Mitchell J, Strober M, Bergen AW, Kaye W, Szatkiewicz JP, Cormand B, Ramos-Quiroga JA, Sánchez-Mora C, Ribasés M, Casas M, Hervas A, Arranz MJ, Haavik J, Zayats T, Johansson

S, Williams N, Dempfle A, Rothenberger A, Kuntsi J, Oades RD, Banaschewski T, Franke B, Buitelaar JK, Arias Vasquez A, Doyle AE, Reif A, Lesch KP, Freitag C, Rivero O, Palmason H, Romanos M, Langley K, Rietschel M, Witt SH, Dalsgaard S, Børglum AD, Waldman I, Wilmot B, Molly N, Bau CHD, Crosbie J, Schachar R, Loo SK, McGough JJ, Grevet EH, Medland SE, Robinson E, Weiss LA, Bacchelli E, Bailey A, Bal V, Battaglia A, Betancur C, Bolton P, Cantor R, Celestino-Soper P, Dawson G, De Rubeis S, Duque F, Green A, Klauck SM, Leboyer M, Levitt P, Maestrini E, Mane S, De-Luca DM, Parr J, Regan R, Reichenberg A, Sandin S, Vorstman J, Wassink T, Wijsman E, Cook E, Santangelo S, Delorme R, Rogé B, Magalhaes T, Arking D, Schulze TG, Thompson RC, Strohmaier J, Matthews K, Melle I, Morris D, Blackwood D, McIntosh A, Bergen SE, Schalling M, Jamain S, Maaser A, Fischer SB, Reinbold CS, Fullerton JM, Guzman-Parra J, Mayoral F, Schofield PR, Cichon S, Mühleisen TW, Degenhardt F, Schumacher J, Bauer M, Mitchell PB, Gershon ES, Rice J, Potash JB, Zandi PP, Craddock N, Ferrier IN, Alda M, Rouleau GA, Turecki G, Ophoff R, Pato C, Anjorin A, Stahl E, Leber M, Czerski PM, Cruceanu C, Jones IR, Posthuma D, Andlauer TFM, Forstner AJ, Streit F, Baune BT, Air T, Sinnamoni G, Wray NR, MacIntyre DJ, Porteous D, Homuth G, Rivera M, Grove J, Middeldorp CM, Hickie I, Pergadia M, Mehta D, Smit JH, Jansen R, de Geus E, Dunn E, Li QS, Nauck M, Schoevers RA, Beekman AT, Knowles JA, Viktorin A, Arnold P, Barr CL, Bedoya-Berrio G, Bienvenu OJ, Brentani H, Burton C, Camarena B, Cappi C, Cath D, Cavallini M, Cusi D, Darrow S, Denys D, Derks EM, Dietrich A, Fernandez T, Figee M, Freimer N, Gerber G, Grados M, Greenberg E, Hanna GL, Hartmann A, Hirschtritt ME, Hoekstra PJ, Huang A, Huyser C, Illmann C, Jenike M, Kuperman S, Leventhal B, Lochner C, Lyon GJ, Macciardi F, Madruga-Garrido M, Malaty IA, Maras A, McGrath L, Miguel EC, Mir P, Nestadt G, Nicolini H, Okun MS, Pakstis A, Paschou P, Piacentini J, Pittenger C, Plessen K, Ramensky V, Ramos EM, Reus V, Richter MA, Riddle MA, Robertson MM, Roessner V, Rosário M, Samuels JF, Sandor P, Stein DJ, Tsetsos F, Van Nieuwerburgh F, Weatherall S, Wendland JR, Wolanczyk T, Worbe Y, Zai G, Goes FS, McLaughlin N, Nestadt PS, Grabe HJ, Depienne C, Konkashbaev A, Lanzagorta N, Valencia-Duarte A, Bramon E, Buccola N, Cahn W, Cairns M, Chong SA, Cohen D, Crespo-Facorro B, Crowley J, Davidson M, DeLisi L, Dinan T, Donohoe G, Drapeau E, Duan J, Haan L, Hougaard D, Karachanak-Yankova S, Khrunin A, Klovins J, Kučinskas V, Lee Chee Keong J, Limborska S, Loughland C, Lönngqvist J, Maher B, Mattheisen M, McDonald C, Murphy KC, Nenadic I, van Os J, Pantelis C, Pato M, Petryshen T, Quedstedt D, Roussos P, Sanders AR, Schall U, Schwab SG, Sim K, So HC, Stögmüller E, Subramaniam M, Toncheva D, Waddington J, Walters J, Weiser M, Cheng W, Cloninger R, Curtis D, Gejman PV, Henskens F, Mattingsdal M, Oh SY, Scott R, Webb B, Breen G, Churchhouse C, Bulik CM, Daly M, Dichgans M, Faraone SV, Guerreiro R, Holmans P, Kendler KS, Koeleman B, Mathews CA, Price A, Scharf J, Sklar P, Williams J, Wood NW, Cotsapas C, Palotie A, Smoller JW, Sullivan P, Rosand J, Corvin A, Neale BM, Schott JM, Anney R, Elia J, Grigoriu-Serbanescu M, Edenberg HJ, Murray R. Analysis of shared heritability in common disorders of the brain. *Science*. 2018 Jun 22;360(6395). pii: eaap8757. doi: 10.1126/science.aap8757. PubMed PMID: 29930110; PubMed Central PMCID: PMC6097237.

65: Abecassis IJ, Sen RD, Barber J, Shetty R, Kelly CM, Ghodke BV, Hallam DK, Levitt MR, Kim LJ, Sekhar LN. Predictors of Recurrence, Progression, and Retreatment in Basilar Tip Aneurysms: A Location-Controlled Analysis. *Oper Neurosurg* (Hagerstown). 2018 Jun 14. doi: 10.1093/ons/opy132. [Epub ahead of print] PubMed PMID: 29905850.

66: Khaing ZZ, Cates LN, DeWees DM, Hannah A, Mourad P, Bruce M, Hofstetter CP. Contrast-enhanced ultrasound to visualize hemodynamic changes after rodent spinal cord injury. *J Neurosurg Spine*. 2018 Sep;29(3):306-313. doi: 10.3171/2018.1.SPINE171202. Epub 2018 Jun 15. PubMed PMID: 29905521.

67: MacDonald CL, Barber J, Wright J, Coppel D, De Lacy N, Ottinger S, Peck S, Panks C, Sun S, Zalewski K, Temkin N. Longitudinal Clinical and Neuroimaging Evaluation of Symptomatic Concussion in 10- to 14-year-old Youth Athletes. *J Neurotrauma*. 2018 Aug 10. doi: 10.1089/neu.2018.5629. [Epub ahead of print] PubMed PMID: 29901414.

- 68: Diez-Fairen M, Benitez BA, Ortega-Cubero S, Lorenzo-Betancor O, Cruchaga C, Lorenzo E, Samaranch L, Carcel M, Obeso JA, Rodriguez-Oroz MC, Aguilar M, Coria F, Pastor MA, Pastor P. Pooled-DNA target sequencing of Parkinson genes reveals novel phenotypic associations in Spanish population. *Neurobiol Aging*. 2018 Oct;70:325.e1-325.e5. doi: 10.1016/j.neurobiolaging.2018.05.008. Epub 2018 May 14. PubMed PMID: 29887346.
- 69: Bonow RH, Wang J, Zatzick DF, Rivara FP, Rowhani-Rahbar A. Traumatic Brain Injury and the Risk for Subsequent Crime Perpetration. *J Head Trauma Rehabil*. 2018 May 31. doi: 10.1097/HTR.0000000000000413. [Epub ahead of print] PubMed PMID: 29863625.
- 70: Bertisch H, Satris G, Temkin N, Barber J, Manley GT; Transforming Research and Clinical Knowledge in TBI (TRACK-TBI) Investigators. Rehabilitation Trajectories and Outcomes in Individuals With Mild Traumatic Brain Injury and Psychiatric Histories: A TRACK-TBI Pilot Study. *J Head Trauma Rehabil*. 2018 Aug 2. doi: 10.1097/HTR.0000000000000399. [Epub ahead of print] PubMed PMID: 29863617.
- 71: Kuo CH, Huang WC, Wu JC, Tu TH, Fay LY, Wu CL, Cheng H. Radiological adjacent-segment degeneration in L4-5 spondylolisthesis: comparison between dynamic stabilization and minimally invasive transforaminal lumbar interbody fusion. *J Neurosurg Spine*. 2018 Sep;29(3):250-258. doi: 10.3171/2018.1.SPINE17993. Epub 2018 Jun 1. PubMed PMID: 29856306.
- 72: Nguyen MH, Lavilla M, Kim JN, Fang LC. Cardiac sparing characteristics of internal mammary chain radiotherapy using deep inspiration breath hold for left-sided breast cancer. *Radiat Oncol*. 2018 May 31;13(1):103. doi: 10.1186/s13014-018-1052-8. PubMed PMID: 29855325; PubMed Central PMCID: PMC5984301.
- 73: Ting JT, Kalmbach B, Chong P, de Frates R, Keene CD, Gwinn RP, Cobbs C, Ko AL, Ojemann JG, Ellenbogen RG, Koch C, Lein E. A robust ex vivo experimental platform for molecular-genetic dissection of adult human neocortical cell types and circuits. *Sci Rep*. 2018 May 30;8(1):8407. doi: 10.1038/s41598-018-26803-9. PubMed PMID: 29849137; PubMed Central PMCID: PMC5976666.
- 74: Ko AL, Magown P, Ozpinar A, Hamzaoglu V, Burchiel KJ. Asleep Deep Brain Stimulation Reduces Incidence of Intracranial Air during Electrode Implantation. *Stereotact Funct Neurosurg*. 2018;96(2):83-90. doi: 10.1159/000488150. Epub 2018 May 30. PubMed PMID: 29847829.
- 75: Liao LM, Ashkan K, Tran DD, Campian JL, Trusheim JE, Cobbs CS, Heth JA, Salacz M, Taylor S, D'Andre SD, Iwamoto FM, Dropcho EJ, Moshel YA, Walter KA, Pillainayagam CP, Aiken R, Chaudhary R, Goldlust SA, Bota DA, Duic P, Grewal J, Elinzano H, Toms SA, Lillehei KO, Mikkelsen T, Walbert T, Abram SR, Brenner AJ, Brem S, Ewend MG, Khagi S, Portnow J, Kim LJ, Loudon WG, Thompson RC, Avigan DE, Fink KL, Geoffroy FJ, Lindhorst S, Lutzky J, Sloan AE, Schackert G, Krex D, Meisel HJ, Wu J, Davis RP, Duma C, Etame AB, Mathieu D, Kesari S, Piccioni D, Westphal M, Baskin DS, New PZ, Lacroix M, May SA, Pluard TJ, Tse V, Green RM, Villano JL, Pearlman M, Petrecca K, Schulder M, Taylor LP, Maida AE, Prins RM, Cloughesy TF, Mulholland P, Bosch ML. First results on survival from a large Phase 3 clinical trial of an autologous dendritic cell vaccine in newly diagnosed glioblastoma. *J Transl Med*. 2018 May 29;16(1):142. doi: 10.1186/s12967-018-1507-6. Erratum in: *J Transl Med*. 2018 Jun 29;16(1):179. PubMed PMID: 29843811; PubMed Central PMCID: PMC5975654.
- 76: Kuo CH, McGrath LB, Carnevale JA, Marupudi NI, Ojemann JG, Ellenbogen RG, Wang AC. Atypical Presentation of Giant Aneurysm in Pediatric Patient with Duane Syndrome. *World Neurosurg*. 2018 Aug;116:25-28. doi: 10.1016/j.wneu.2018.05.053. Epub 2018 May 17. PubMed PMID: 29777883.
- 77: Sekhar LN, Cheng CY, Da Silva HB, Qazi Z. What is the current role of bypass surgery in the

management of cerebral aneurysms? *Neurol India*. 2018 May-Jun;66(3):661-663. doi: 10.4103/0028-3886.232316. PubMed PMID: 29766916.

78: Nowak-Sliwinska P, Alitalo K, Allen E, Anisimov A, Aplin AC, Auerbach R, Augustin HG, Bates DO, van Beijnum JR, Bender RHF, Bergers G, Bikfalvi A, Bischoff J, Böck BC, Brooks PC, Bussolino F, Cakir B, Carmeliet P, Castranova D, Cimpean AM, Cleaver O, Coukos G, Davis GE, De Palma M, Dimberg A, Dings RPM, Djonov V, Dudley AC, Dufton NP, Fendt SM, Ferrara N, Fruttiger M, Fukumura D, Ghesquière B, Gong Y, Griffin RJ, Harris AL, Hughes CCW, Hultgren NW, Iruela-Arispe ML, Irving M, Jain RK, Kalluri R, Kalucka J, Kerbel RS, Kitajewski J, Klaassen I, Kleinmann HK, Koolwijk P, Kuczyński E, Kwak BR, Marien K, Melero-Martin JM, Munn LL, Nicosia RF, Noel A, Nurro J, Olsson AK, Petrova TV, Pietras K, Pili R, Pollard JW, Post MJ, Quax PHA, Rabinovich GA, Raica M, Randi AM, Ribatti D, Ruegg C, Schlingemann RO, Schulte-Merker S, Smith LEH, Song JW, Stacker SA, Stalin J, Stratman AN, Van de Velde M, van Hinsbergh VWM, Vermeulen PB, Waltenberger J, Weinstein BM, Xin H, Yetkin-Arik B, Yla-Herttuala S, Yoder MC, Griffioen AW. Consensus guidelines for the use and interpretation of angiogenesis assays. *Angiogenesis*. 2018 May 15. doi: 10.1007/s10456-018-9613-x. [Epub ahead of print] Review. PubMed PMID: 29766399; PubMed Central PMCID: PMC6237663.

79: Zhang F, Stephan SB, Ene CI, Smith TT, Holland EC, Stephan MT. Nanoparticles That Reshape the Tumor Milieu Create a Therapeutic Window for Effective T-cell Therapy in Solid Malignancies. *Cancer Res*. 2018 Jul 1;78(13):3718-3730. doi: 10.1158/0008-5472.CAN-18-0306. Epub 2018 May 14. PubMed PMID: 29760047; PubMed Central PMCID: PMC6030470.

80: Puchalski RB, Shah N, Miller J, Dalley R, Nomura SR, Yoon JG, Smith KA, Lanknerovich M, Bertagnoli D, Bickley K, Boe AF, Brouner K, Butler S, Caldejon S, Chapin M, Datta S, Dee N, Desta T, Dolbeare T, Dotson N, Ebbert A, Feng D, Feng X, Fisher M, Gee G, Goldy J, Gourley L, Gregor BW, Gu G, Hejazinia N, Hohmann J, Hothi P, Howard R, Joines K, Kriedberg A, Kuan L, Lau C, Lee F, Lee H, Lemon T, Long F, Mastan N, Mott E, Murthy C, Ngo K, Olson E, Reding M, Riley Z, Rosen D, Sandman D, Shapovalova N, Slaughterbeck CR, Sodt A, Stockdale G, Szafer A, Wakeman W, Wohnoutka PE, White SJ, Marsh D, Rostomily RC, Ng L, Dang C, Jones A, Keogh B, Gittleman HR, Barnholtz-Sloan JS, Cimino PJ, Uppin MS, Keene CD, Farrokhi FR, Lathia JD, Berens ME, Iavarone A, Bernard A, Lein E, Phillips JW, Rostad SW, Cobbs C, Hawrylycz MJ, Foltz GD. An anatomic transcriptional atlas of human glioblastoma. *Science*. 2018 May 11;360(6389):660-663. doi: 10.1126/science.aaf2666. PubMed PMID: 29748285.

81: Protas M, Schumacher M, Iwanaga J, Yilmaz E, Oskouian RJ, Tubbs RS. Treatment of Gunshot Wounds to Spine During Late 19th Century. *World Neurosurg*. 2018 Jul;115:285-287. doi: 10.1016/j.wneu.2018.04.198. Epub 2018 May 7. PubMed PMID: 29747019.

82: Hammond FM, Sherer M, Malec JF, Zafonte RD, Dikmen S, Bogner J, Bell KR, Barber J, Temkin N. Amantadine Did Not Positively Impact Cognition in Chronic Traumatic Brain Injury: A Multi-Site, Randomized, Controlled Trial. *J Neurotrauma*. 2018 Oct 1;35(19):2298-2305. doi: 10.1089/neu.2018.5767. Epub 2018 Jun 7. PubMed PMID: 29742960; PubMed Central PMCID: PMC6157374.

83: Ramirez JM, Severs LJ, Ramirez SC, Agosto-Marlin IM. Advances in cellular and integrative control of oxygen homeostasis within the central nervous system. *J Physiol*. 2018 Aug;596(15):3043-3065. doi: 10.1113/JP275890. Epub 2018 Jun 28. PubMed PMID: 29742297; PubMed Central PMCID: PMC6068258.

84: Bermo MS, Khalatbari H, Parisi MT. Two signs indicative of successful access in nuclear medicine cerebrospinal fluid diversionary shunt studies. *Pediatr Radiol*. 2018 Aug;48(8):1130-1138. doi: 10.1007/s00247-018-4150-8. Epub 2018 May 8. PubMed PMID: 29737381.

- 85: Lawrence BJ, Luciano M, Tew J, Ellenbogen RG, Oshinski JN, Loth F, Culley AP, Martin BA. Cardiac-Related Spinal Cord Tissue Motion at the Foramen Magnum is Increased in Patients with Type I Chiari Malformation and Decreases Postdecompression Surgery. *World Neurosurg*. 2018 Aug;116:e298-e307. doi: 10.1016/j.wneu.2018.04.191. Epub 2018 May 4. PubMed PMID: 29733988; PubMed Central PMCID: PMC6063776.
- 86: Verma K, Slattery C, Duah H, Yankey KP, Mundis G, Boachie-Adjei O. Comprehensive Assessment of Outcomes From Patients With Severe Early-onset Scoliosis Treated With a Vertebral Column Resection: Results From an SRS Global Outreach Site (FOCOS) in Ghana. *J Pediatr Orthop*. 2018 Aug;38(7):e393-e398. doi: 10.1097/BPO.0000000000001195. PubMed PMID: 29727414.
- 87: Mondello SE, Sunshine MD, Fishedick AE, Dreyer SJ, Horwitz GD, Anikeeva P, Horner PJ, Moritz CT. Optogenetic surface stimulation of the rat cervical spinal cord. *J Neurophysiol*. 2018 Aug 1;120(2):795-811. doi: 10.1152/jn.00461.2017. Epub 2018 May 2. PubMed PMID: 29718809.
- 88: Ramirez JM, Baertsch NA. The Dynamic Basis of Respiratory Rhythm Generation: One Breath at a Time. *Annu Rev Neurosci*. 2018 Jul 8;41:475-499. doi: 10.1146/annurev-neuro-080317-061756. Epub 2018 Apr 30. PubMed PMID: 29709210.
- 89: Budohoski KP, Ngerageza JG, Austard B, Fuller A, Galler R, Haglund M, Lett R, Lieberman IH, Mangat HS, March K, Olouch-Olunya D, Piquer J, Qureshi M, Santos MM, Schöller K, Shabani HK, Trivedi RA, Young P, Zubkov MR, Härtl R, Stieg PE. Neurosurgery in East Africa: Innovations. *World Neurosurg*. 2018 May;113:436-452. doi: 10.1016/j.wneu.2018.01.085. Review. PubMed PMID: 29702967.
- 90: Morris BJ, Krieger JN. Reply by the Authors. *Urology*. 2018 Aug;118:245-246. doi: 10.1016/j.urology.2018.03.029. Epub 2018 Apr 24. PubMed PMID: 29702153.
- 91: Cimino PJ, Yoda RA, Wirsching HG, Warrick JL, Dorschner MO, Ferreira M. Genomic profiling of anaplastic meningioma identifies recurrent genetic alterations with relevance to lower-grade meningioma. *Neuropathol Appl Neurobiol*. 2018 Apr 19. doi: 10.1111/nan.12487. [Epub ahead of print] PubMed PMID: 29675951.
- 92: Fuentes MM, Wang J, Haarbauer-Krupa J, Yeates KO, Durbin D, Zonfrillo MR, Jaffe KM, Temkin N, Tulsky D, Bertisch H, Rivara FP. Unmet Rehabilitation Needs After Hospitalization for Traumatic Brain Injury. *Pediatrics*. 2018 May;141(5). pii: e20172859. doi: 10.1542/peds.2017-2859. Epub 2018 Apr 19. PubMed PMID: 29674358; PubMed Central PMCID: PMC5914497.
- 93: Protas M, Yilmaz E, Patel AP, Iwanaga J, Oskouian RJ, Tubbs RS. Review of Treatment of Gunshot Wounds to Head in Late 19th Century. *World Neurosurg*. 2018 Aug;116:396-401. doi: 10.1016/j.wneu.2018.04.043. Epub 2018 Apr 17. Review. PubMed PMID: 29673819.
- 94: Graves JM, Fulton-Kehoe D, Jarvik JG, Franklin GM. Impact of an Advanced Imaging Utilization Review Program on Downstream Health Care Utilization and Costs for Low Back Pain. *Med Care*. 2018 Jun;56(6):520-528. doi: 10.1097/MLR.0000000000000917. PubMed PMID: 29668650.
- 95: Fink EL, von Saint Andre-von Arnim A, Kumar R, Wilson PT, Bacha T, Aklilu AT, Teklemariam TL, Hooli S, Tuyisenge L, Otupiri E, Fabio A, Gianakas J, Kochanek PM, Angus DC, Tasker RC; Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network, PALISI Global Health Subgroup, and Prevalence of Acute Critical Neurological Disease in Children: A Global Epidemiological Assessment (PANGEA) Investigators. Traumatic Brain Injury and Infectious Encephalopathy in Children From Four Resource-Limited Settings in Africa. *Pediatr Crit Care Med*. 2018 Jul;19(7):649-657. doi: 10.1097/PCC.0000000000001554. PubMed PMID: 29664874.

- 96: Zimin PI, Woods CB, Kayser EB, Ramirez JM, Morgan PG, Sedensky MM. Isoflurane disrupts excitatory neurotransmitter dynamics via inhibition of mitochondrial complex I. *Br J Anaesth*. 2018 May;120(5):1019-1032. doi: 10.1016/j.bja.2018.01.036. Epub 2018 Mar 13. PubMed PMID: 29661379; PubMed Central PMCID: PMC6200108.
- 97: Atallah E, Valle-Giler E, Elarjani T, Chalouhi N, Tjoumakaris S, Rosenwasser RH, Herial N, Gooch MR, Zarzour H, Jabbour P. Acute Recanalization of a Partially Thrombosed Large Intracranial Aneurysm. *World Neurosurg*. 2018 Jul;115:73-78. doi: 10.1016/j.wneu.2018.04.026. Epub 2018 Apr 12. PubMed PMID: 29656154.
- 98: Moe KS, Murr AH, Wester ST. Orbital Fractures. *Facial Plast Surg Clin North Am*. 2018 May;26(2):237-251. doi: 10.1016/j.fsc.2017.12.007. Review. PubMed PMID: 29636153.
- 99: Tan WK, Hassanpour S, Heagerty PJ, Rundell SD, Suri P, Huhdanpaa HT, James K, Carrell DS, Langlotz CP, Organ NL, Meier EN, Sherman KJ, Kallmes DF, Luetmer PH, Griffith B, Nerenz DR, Jarvik JG. Comparison of Natural Language Processing Rules-based and Machine-learning Systems to Identify Lumbar Spine Imaging Findings Related to Low Back Pain. *Acad Radiol*. 2018 Nov;25(11):1422-1432. doi: 10.1016/j.acra.2018.03.008. Epub 2018 Mar 28. PubMed PMID: 29605561; PubMed Central PMCID: PMC6162177.
- 100: Barbaro NM, Quigg M, Ward MM, Chang EF, Broshek DK, Langfitt JT, Yan G, Laxer KD, Cole AJ, Sneed PK, Hess CP, Yu W, Tripathi M, Heck CN, Miller JW, Garcia PA, McEvoy A, Fountain NB, Salanova V, Knowlton RC, Bagić A, Henry T, Kapoor S, McKhann G, Palade AE, Reuber M, Tecoma E. Radiosurgery versus open surgery for mesial temporal lobe epilepsy: The randomized, controlled ROSE trial. *Epilepsia*. 2018 Jun;59(6):1198-1207. doi: 10.1111/epi.14045. Epub 2018 Mar 30. PubMed PMID: 29600809.
- 101: Laufer I, Lo SS, Chang EL, Sheehan J, Guckenberger M, Sohn MJ, Ryu S, Foote M, Muacevic A, Soltys SG, Chao S, Myrehaug S, Gerszten PC, Lis E, Maralani P, Bilsky M, Fisher C, Rhines L, Verlaan JJ, Schiff D, Fehlings MG, Ma L, Chang S, Parulekar WR, Vogelbaum MA, Sahgal A. Population description and clinical response assessment for spinal metastases: part 2 of the SPIne response assessment in Neuro-Oncology (SPINO) group report. *Neuro Oncol*. 2018 Aug 2;20(9):1215-1224. doi: 10.1093/neuonc/nyy047. PubMed PMID: 29590465; PubMed Central PMCID: PMC6071663.
- 102: Jones PE, Meyer RM, Faillace WJ, Landau ME, Smith JK, McKay PL, Nest LJ. Combat Injury of the Sciatic Nerve - An Institutional Experience. *Mil Med*. 2018 Mar 26. doi: 10.1093/milmed/usy030. [Epub ahead of print] PubMed PMID: 29590419.
- 103: Brito da Silva H, Sekhar L. In Reply: Cranial Chordoma: A New Preoperative Grading System. *Neurosurgery*. 2018 Jun 1;82(6):E180. doi: 10.1093/neuros/nyy068. PubMed PMID: 29566169.
- 104: Vilela MD, Tazinaffo U. Cerebellar Proliferative Angiopathy Associated with a Pontine Telangiectasia and a Developmental Venous Anomaly. *World Neurosurg*. 2018 Jun;114:106-110. doi: 10.1016/j.wneu.2018.03.029. Epub 2018 Mar 13. PubMed PMID: 29548952.
- 105: Sekhar LN, Qazi Z. Current approach to meningiomas of the medial sphenoid wing and the cavernous sinus. *Neurol India*. 2018 Mar-Apr;66(2):335-341. doi: 10.4103/0028-3886.227292. PubMed PMID: 29547151.
- 106: Haque W, Verma V, Lewis GD, Lo SS, Butler EB, Teh BS. Utilization of radiotherapy and stereotactic body radiation therapy for renal cell cancer in the USA. *Future Oncol*. 2018 Apr;14(9):819-827. doi: 10.2217/fon-2017-0536. Epub 2018 Mar 12. PubMed PMID: 29527938.

- 107: Zorio DAR, Monsma S, Sanes DH, Golding NL, Rubel EW, Wang Y. De novo sequencing and initial annotation of the Mongolian gerbil (*Meriones unguiculatus*) genome. *Genomics*. 2018 Mar 8. pii: S0888-7543(17)30161-1. doi: 10.1016/j.ygeno.2018.03.001. [Epub ahead of print] PubMed PMID: 29526484; PubMed Central PMCID: PMC6129228.
- 108: Zhang J, Zhang F, Dong JF. Coagulopathy induced by traumatic brain injury: systemic manifestation of a localized injury. *Blood*. 2018 May 3;131(18):2001-2006. doi: 10.1182/blood-2017-11-784108. Epub 2018 Mar 5. Review. PubMed PMID: 29507078; PubMed Central PMCID: PMC5934798.
- 109: Chen E, Sajatovic M, Liu H, Bukach A, Tatsuoka C, Welter E, Schmidt SS, Bamps YA, Stoll SC, Spruill TM, Friedman D, Begley CE, Shegog R, Fraser RT, Johnson EK, Jobst BC. Demographic and Clinical Correlates of Seizure Frequency: Findings from the Managing Epilepsy Well Network Database. *J Clin Neurol*. 2018 Apr;14(2):206-211. doi: 10.3988/jcn.2018.14.2.206. Epub 2018 Feb 28. PubMed PMID: 29504297; PubMed Central PMCID: PMC5897204.
- 110: Patricios JS, Ardern CL, Hislop MD, Aubry M, Bloomfield P, Broderick C, Clifton P, Echemendia RJ, Ellenbogen RG, Falvey EC, Fuller GW, Grand J, Hack D, Harcourt PR, Hughes D, McGuirk N, Meeuwisse W, Miller J, Parsons JT, Richiger S, Sills A, Moran KB, Shute J, Raftery M. Implementation of the 2017 Berlin Concussion in Sport Group Consensus Statement in contact and collision sports: a joint position statement from 11 national and international sports organisations. *Br J Sports Med*. 2018 May;52(10):635-641. doi: 10.1136/bjsports-2018-099079. Epub 2018 Mar 2. PubMed PMID: 29500252; PubMed Central PMCID: PMC5931244.
- 111: Baertsch NA, Baertsch HC, Ramirez JM. The interdependence of excitation and inhibition for the control of dynamic breathing rhythms. *Nat Commun*. 2018 Feb 26;9(1):843. doi: 10.1038/s41467-018-03223-x. PubMed PMID: 29483589; PubMed Central PMCID: PMC5827754.
- 112: Ozdemir B, Kelly CM, Levitt MR, Kim LJ. Endovascular stent-coiling of a giant basilar artery aneurysm through a previous radial artery bypass. *J Clin Neurosci*. 2018 May;51:100-102. doi: 10.1016/j.jocn.2018.02.004. Epub 2018 Feb 23. PubMed PMID: 29483014.
- 113: Pellicer E, Siebold BS, Birgfeld CB, Gallagher ER. Evaluating Trends in Headache and Revision Surgery following Cranial Vault Remodeling for Craniosynostosis. *Plast Reconstr Surg*. 2018 Mar;141(3):725-734. doi: 10.1097/PRS.00000000000004180. PubMed PMID: 29481403.
- 114: Lieberman NAP, DeGolier K, Haberthur K, Chinn H, Moyes KW, Bouchlaka MN, Walker KL, Capitini CM, Crane CA. An Uncoupling of Canonical Phenotypic Markers and Functional Potency of Ex Vivo-Expanded Natural Killer Cells. *Front Immunol*. 2018 Feb 2;9:150. doi: 10.3389/fimmu.2018.00150. eCollection 2018. PubMed PMID: 29456538; PubMed Central PMCID: PMC5801405.
- 115: Webb SJ, Mourad PD. Prenatal Ultrasonography and the Incidence of Autism Spectrum Disorder. *JAMA Pediatr*. 2018 Apr 1;172(4):319-320. doi: 10.1001/jamapediatrics.2017.5685. PubMed PMID: 29435566.
- 116: Stapleton CJ, Patel AP, Walcott BP, Torok CM, Koch MJ, Leslie-Mazwi TM, Rabinov JD, Butler WE, Patel AB. Surgical management of superior petrosal sinus dural arteriovenous fistulae with dominant internal carotid artery supply. *Interv Neuroradiol*. 2018 Jun;24(3):331-338. doi: 10.1177/1591019917754038. Epub 2018 Feb 12. PubMed PMID: 29433364; PubMed Central PMCID: PMC5967184.
- 117: Guler S, Dannhauer M, Roig-Solvas B, Gkogkidis A, Macleod R, Ball T, Ojemann JG, Brooks DH. Computationally optimized ECoG stimulation with local safety constraints. *Neuroimage*. 2018

Jun;173:35-48. doi: 10.1016/j.neuroimage.2018.01.088. Epub 2018 Feb 7. PubMed PMID: 29427847; PubMed Central PMCID: PMC5911187.

118: Edlow BL, Keene CD, Perl DP, Iacono D, Folkerth RD, Stewart W, Mac Donald CL, Augustinack J, Diaz-Arrastia R, Estrada C, Flannery E, Gordon WA, Grabowski TJ, Hansen K, Hoffman J, Kroenke C, Larson EB, Lee P, Mareyam A, McNab JA, McPhee J, Moreau AL, Renz A, Richmire K, Stevens A, Tang CY, Tirrell LS, Trittschuh EH, van der Kouwe A, Varjabedian A, Wald LL, Wu O, Yendiki A, Young L, Zöllei L, Fischl B, Crane PK, Dams-O'Connor K. Multimodal Characterization of the Late Effects of Traumatic Brain Injury: A Methodological Overview of the Late Effects of Traumatic Brain Injury Project. *J Neurotrauma*. 2018 Jul 15;35(14):1604-1619. doi: 10.1089/neu.2017.5457. Epub 2018 May 3. PubMed PMID: 29421973; PubMed Central PMCID: PMC6016096.

119: Machamer J, Temkin NR, Manley GT, Dikmen S. Functional Status Examination in Patients with Moderate-to-Severe Traumatic Brain Injuries. *J Neurotrauma*. 2018 May 15;35(10):1132-1137. doi: 10.1089/neu.2017.5460. Epub 2018 Mar 13. PubMed PMID: 29415608; PubMed Central PMCID: PMC5953217.

120: Nagpal AS, Eckmann M, Weinstein SM. Maintaining Opioid Prescription for Chronic Back Pain: Pro Versus Con. *PM R*. 2018 Jan;10(1):83-89. doi: 10.1016/j.pmrj.2017.12.002. PubMed PMID: 29413121.

121: Young CC, Hanak BW, Patel AP, Sekhar LN. Rapid Intraoperative in Situ Synthetic Cranioplasty. *World Neurosurg*. 2018 Apr;112:161-165. doi: 10.1016/j.wneu.2018.01.126. Epub 2018 Jan 31. PubMed PMID: 29409926.

122: Belykh E, Miller EJ, Hu D, Martirosyan NL, Woolf EC, Scheck AC, Byvaltsev VA, Nakaji P, Nelson LY, Seibel EJ, Preul MC. Scanning Fiber Endoscope Improves Detection of 5-Aminolevulinic Acid-Induced Protoporphyrin IX Fluorescence at the Boundary of Infiltrative Glioma. *World Neurosurg*. 2018 May;113:e51-e69. doi: 10.1016/j.wneu.2018.01.151. Epub 2018 Feb 2. PubMed PMID: 29408716; PubMed Central PMCID: PMC5924630.

123: Lv J, Zeng Y, Qian Y, Dong J, Zhang Z, Zhang J. MicroRNA let-7c-5p improves neurological outcomes in a murine model of traumatic brain injury by suppressing neuroinflammation and regulating microglial activation. *Brain Res*. 2018 Apr 15;1685:91-104. doi: 10.1016/j.brainres.2018.01.032. Epub 2018 Feb 3. PubMed PMID: 29408500.

124: Jarvik JG, Gold LS, Tan K, Friedly JL, Nedeljkovic SS, Comstock BA, Deyo RA, Turner JA, Bresnahan BW, Rundell SD, James KT, Nerenz DR, Avins AL, Bauer Z, Kessler L, Heagerty PJ. Long-term outcomes of a large, prospective observational cohort of older adults with back pain. *Spine J*. 2018 Sep;18(9):1540-1551. doi: 10.1016/j.spinee.2018.01.018. Epub 2018 Jan 31. PubMed PMID: 29391206.

125: Dams-O'Connor K, Landau A, Hoffman J, St De Lore J. Patient perspectives on quality and access to healthcare after brain injury. *Brain Inj*. 2018;32(4):431-441. doi: 10.1080/02699052.2018.1429024. Epub 2018 Feb 1. PubMed PMID: 29388840.

126: Lipsman N, Elias WJ, Gwinn RP, Pilitsis JG. Introduction. Focused ultrasound. *Neurosurg Focus*. 2018 Feb;44(2):E1. doi: 10.3171/2017.11.FOCUS17705. PubMed PMID: 29385916.

127: Bodien YG, McCrea M, Dikmen S, Temkin N, Boase K, Machamer J, Taylor SR, Sherer M, Levin H, Kramer JH, Corrigan JD, McAllister TW, Whyte J, Manley GT, Giacino JT; TRACK-TBI Investigators. Optimizing Outcome Assessment in Multicenter TBI Trials: Perspectives From TRACK-TBI and the TBI Endpoints Development Initiative. *J Head Trauma Rehabil*. 2018 May/Jun;33(3):147-157. doi: 10.1097/HTR.0000000000000367. PubMed PMID: 29385010; PubMed Central PMCID: PMC5940527.

- 128: Yeh MY, Kuo CH, Wu JC, Huang WC, Tu TH, Fay LY, Wu CL, Cheng H. Changes of Facet Joints After Dynamic Stabilization: Continuous Degeneration or Slow Fusion? *World Neurosurg.* 2018 May;113:e45-e50. doi: 10.1016/j.wneu.2018.01.148. Epub 2018 Jan 31. PubMed PMID: 29382613.
- 129: Lacassagne K, Hearon K, Berg J, Séguin B, Hoyt L, Byer B, Selmic LE. Canine spinal meningiomas and nerve sheath tumours in 34 dogs (2008-2016): Distribution and long-term outcome based upon histopathology and treatment modality. *Vet Comp Oncol.* 2018 Sep;16(3):344-351. doi: 10.1111/vco.12385. Epub 2018 Jan 23. PubMed PMID: 29363264.
- 130: Reid DBC, Daniels AH, Ailon T, Miller E, Sciubba DM, Smith JS, Shaffrey CI, Schwab F, Burton D, Hart RA, Hostin R, Line B, Bess S, Ames CP; International Spine Study Group. Frailty and Health-Related Quality of Life Improvement Following Adult Spinal Deformity Surgery. *World Neurosurg.* 2018 Apr;112:e548-e554. doi: 10.1016/j.wneu.2018.01.079. Epub 2018 Jan 31. PubMed PMID: 29360585.
- 131: Kuo CH, Huang WC, Wu JC. Unusual imaging presentation of spinal glomus tumor: case report. *J Spine Surg.* 2017 Dec;3(4):715-718. doi: 10.21037/jss.2017.11.01. PubMed PMID: 29354753; PubMed Central PMCID: PMC5760402.
- 132: Singh H, da Silva HB, Zeinalizadeh M, Elarjani T, Straus D, Sekhar LN. Basilar Artery Ectasia Causing Trigeminal Neuralgia: An Evolved Technique of Transpositional Suture-Pexy. *Oper Neurosurg (Hagerstown).* 2018 Feb 1;14(2):194-199. doi: 10.1093/ons/opx087. PubMed PMID: 29351686.
- 133: Smith JS, Shaffrey CI, Kim HJ, Passias P, Protopsaltis T, Lafage R, Mundis GM Jr, Klineberg E, Lafage V, Schwab FJ, Scheer JK, Miller E, Kelly M, Hamilton DK, Gupta M, Deviren V, Hostin R, Albert T, Riew KD, Hart R, Burton D, Bess S, Ames CP; International Spine Study Group. Prospective Multicenter Assessment of All-Cause Mortality Following Surgery for Adult Cervical Deformity. *Neurosurgery.* 2018 Dec 1;83(6):1277-1285. doi: 10.1093/neuros/nyx605. PubMed PMID: 29351637.
- 134: Dawkins RL, Miller JH, Ramadan OI, Lysek MC, Kuhn EN, Rocque BG, Conklin MJ, Tubbs RS, Walters BC, Agee BS, Rozzelle CJ. Thoracolumbar Injury Classification and Severity Score in children: a reliability study. *J Neurosurg Pediatr.* 2018 Mar;21(3):284-291. doi: 10.3171/2017.7.PEDS1720. Epub 2018 Jan 12. PubMed PMID: 29328004.
- 135: Galgano MA, Goulart CR, Chisholm K, Hazen M, Stone S. Rapid-Onset Thoracic Myelopathy due to an Epidural Sarcoid-Like Lesion in a Pediatric Patient. *World Neurosurg.* 2018 Mar;111:377-380. doi: 10.1016/j.wneu.2017.12.185. Epub 2018 Jan 8. PubMed PMID: 29325956.
- 136: Lieberman NAP, Vitanza NA, Crane CA. Immunotherapy for brain tumors: understanding early successes and limitations. *Expert Rev Neurother.* 2018 Mar;18(3):251-259. doi: 10.1080/14737175.2018.1425617. Epub 2018 Jan 11. PubMed PMID: 29322843.
- 137: Taillibert S, Chamberlain MC. Leptomeningeal metastasis. *Handb Clin Neurol.* 2018;149:169-204. doi: 10.1016/B978-0-12-811161-1.00013-X. Review. PubMed PMID: 29307353.
- 138: Carnevale JA, Segar DJ, Powers AY, Shah M, Doberstein C, Drapcho B, Morrison JF, Williams JR, Collins S, Monteiro K, Asaad WF. Blossoming contusions: identifying factors contributing to the expansion of traumatic intracerebral hemorrhage. *J Neurosurg.* 2018 Jan 5:1-12. doi: 10.3171/2017.7.JNS17988. [Epub ahead of print] PubMed PMID: 29303442.
- 139: Mikheev AM, Mikheeva SA, Tokita M, Severs LJ, Rostomily RC. Twist1 mediated regulation of glioma tumorigenicity is dependent on mode of mouse neural progenitor transformation. *Oncotarget.* 2017 Nov 21;8(64):107716-107729. doi: 10.18632/oncotarget.22593. eCollection 2017 Dec 8. PubMed PMID: 29296200; PubMed Central PMCID: PMC5746102.

- 140: Pękala PA, Rybus JJ, Stachura M, Pękala JR, Skinningsrud B, Tubbs RS, Tomaszewski KA, Henry BM. Prevalence of Petrosquamosal Sinus and Its Clinical Significance: Radiologic Study and Meta-analysis. *World Neurosurg*. 2018 Mar;111:e616-e623. doi: 10.1016/j.wneu.2017.12.132. Epub 2017 Dec 30. Review. PubMed PMID: 29294400.
- 141: Dudley AG, Adams MC, Brock JW 3rd, Clayton DB, Joseph DB, Koh CJ, Merguerian PA, Pope JC 4th, Routh JC, Thomas JC, Tu DD, Wallis MC, Wiener JS, Yerkes EB, Lauderdale CJ, Shannon CN, Tanaka ST. Interrater Reliability in Interpretation of Neuropathic Pediatric Urodynamic Tracings: An Expanded Multicenter Study. *J Urol*. 2018 May;199(5):1337-1343. doi: 10.1016/j.juro.2017.12.051. Epub 2017 Dec 29. PubMed PMID: 29291418.
- 142: Keene CD, Latimer CS, Steele LM, Mac Donald CL. First confirmed case of chronic traumatic encephalopathy in a professional bull rider. *Acta Neuropathol*. 2018 Feb;135(2):303-305. doi: 10.1007/s00401-017-1801-z. Epub 2017 Dec 28. PubMed PMID: 29285625; PubMed Central PMCID: PMC5773642.
- 143: Ailon T, Smith JS, Shaffrey CI, Kim HJ, Mundis G, Gupta M, Klineberg E, Schwab F, Lafage V, Lafage R, Passias P, Protosaltis T, Neuman B, Daniels A, Scheer JK, Soroceanu A, Hart R, Hostin R, Burton D, Deviren V, Albert TJ, Riew KD, Bess S, Ames CP; International Spine Study Group. Outcomes of Operative Treatment for Adult Cervical Deformity: A Prospective Multicenter Assessment With 1-Year Follow-up. *Neurosurgery*. 2018 Nov 1;83(5):1031-1039. doi: 10.1093/neuros/nyx574. PubMed PMID: 29281107.
- 144: Mayberg M, Reintjes S, Patel A, Moloney K, Mercado J, Carlson A, Scanlan J, Broyles F. Dynamics of postoperative serum cortisol after transsphenoidal surgery for Cushing's disease: implications for immediate reoperation and remission. *J Neurosurg*. 2017 Dec 22;1-10. doi: 10.3171/2017.6.JNS17635. [Epub ahead of print] PubMed PMID: 29271716.
- 145: Choudhri O, Dobre MC, Feroze A, Sharma N, Do HM. Spontaneous regression of an idiopathic arteriovenous fistula of the right vertebral artery. *Neuroradiology*. 2018 Feb;60(2):221-223. doi: 10.1007/s00234-017-1963-3. Epub 2017 Dec 19. PubMed PMID: 29260274.
- 146: Mack SC, Pajtlar KW, Chavez L, Okonechnikov K, Bertrand KC, Wang X, Erkek S, Federation A, Song A, Lee C, Wang X, McDonald L, Morrow JJ, Saiakhova A, Sin-Chan P, Wu Q, Michaelraj KA, Miller TE, Hubert CG, Ryzhova M, Garzia L, Donovan L, Dombrowski S, Factor DC, Luu B, Valentim CLL, Gimple RC, Morton A, Kim L, Prager BC, Lee JY, Wu X, Zuccaro J, Thompson Y, Holgado BL, Reimand J, Ke SQ, Tropper A, Lai S, Vijayarajah S, Doan S, Mahadev V, Miñan AF, Gröbner SN, Lienhard M, Zapatka M, Huang Z, Aldape KD, Carcaboso AM, Houghton PJ, Keir ST, Milde T, Witt H, Li Y, Li CJ, Bian XW, Jones DTW, Scott I, Singh SK, Huang A, Dirks PB, Bouffet E, Bradner JE, Ramaswamy V, Jabado N, Rutka JT, Northcott PA, Lupien M, Lichter P, Korshunov A, Scacheri PC, Pfister SM, Kool M, Taylor MD, Rich JN. Therapeutic targeting of ependymoma as informed by oncogenic enhancer profiling. *Nature*. 2018 Jan 4;553(7686):101-105. doi: 10.1038/nature25169. Epub 2017 Dec 20. PubMed PMID: 29258295; PubMed Central PMCID: PMC5993422.
- 147: Chiarelli PA, Hauptman JS, Browd SR. Machine Learning and the Prediction of Hydrocephalus: Can Quantitative Image Analysis Assist the Clinician? *JAMA Pediatr*. 2018 Feb 1;172(2):116-118. doi: 10.1001/jamapediatrics.2017.4450. PubMed PMID: 29255848.
- 148: Tubbs RS, Demerdash A, Loukas M, Curé J, Oskouian RJ, Ansari S, Cohen-Gadol AA. Intracranial Connections of the Vertebral Venous Plexus: Anatomical Study with Application to Neurosurgical and Endovascular Procedures at the Craniocervical Junction. *Oper Neurosurg (Hagerstown)*. 2018 Jan 1;14(1):51-57. doi: 10.1093/ons/oxx080. PubMed PMID: 29253288.

149: Passias PG, Bortz C, Horn S, Segreto F, Poorman G, Jalai C, Daniels A, Hamilton DK, Kim HJ, Sciubba D, Smith JS, Neuman B, Shaffrey C, Lafage V, Lafage R, Protosaltis T, Ames C, Hart R, Mundis G, Eastlack R; International Spine Study Group. Drivers of Cervical Deformity Have a Strong Influence on Achieving Optimal Radiographic and Clinical Outcomes at 1 Year After Cervical Deformity Surgery. *World Neurosurg*. 2018 Apr;112:e61-e68. doi: 10.1016/j.wneu.2017.12.024. Epub 2017 Dec 14. PubMed PMID: 29248781.

150: Gross BA, Albuquerque FC, McDougall CG, Jankowitz BT, Jadhav AP, Jovin TG, Du R. A multi-institutional analysis of the untreated course of cerebral dural arteriovenous fistulas. *J Neurosurg*. 2017 Dec 15:1-6. doi: 10.3171/2017.6.JNS171090. [Epub ahead of print] PubMed PMID: 29243979.

151: Kulkarni AV, Riva-Cambrin J, Rozzelle CJ, Naftel RP, Alvey JS, Reeder RW, Holubkov R, Browd SR, Cochrane DD, Limbrick DD Jr, Simon TD, Tamber M, Wellons JC 3rd, Whitehead WE, Kestle JRW. Endoscopic third ventriculostomy and choroid plexus cauterization in infant hydrocephalus: a prospective study by the Hydrocephalus Clinical Research Network. *J Neurosurg Pediatr*. 2018 Mar;21(3):214-223. doi: 10.3171/2017.8.PEDS17217. Epub 2017 Dec 15. PubMed PMID: 29243972.

152: Bonow RH, Barber J, Temkin NR, Videtta W, Rondina C, Petroni G, Lujan S, Alanis V, La Fuente G, Lavadenz A, Merida R, Jibaja M, Gonz  les L, Falcao A, Romero R, Dikmen S, Pridgeon J, Chesnut RM; Global Neurotrauma Research Group. The Outcome of Severe Traumatic Brain Injury in Latin America. *World Neurosurg*. 2018 Mar;111:e82-e90. doi: 10.1016/j.wneu.2017.11.171. Epub 2017 Dec 9. PubMed PMID: 29229352; PubMed Central PMCID: PMC5897054.

153: Singh H, Elarjani T, da Silva HB, Shetty R, Kim L, Sekhar LN. Brain Stem Cavernous Malformations: Operative Nuances of a Less-Invasive Resection Technique. *Oper Neurosurg (Hagerstown)*. 2018 Aug 1;15(2):153-173. doi: 10.1093/ons/oxp231. PubMed PMID: 29228395.

154: Casazza GC, Bowers CA, MacDonald JD, Couldwell WT, Shelton C, Gurgel RK. What Is the Safety and Efficacy of Chemical Venous Thromboembolism Prophylaxis Following Vestibular Schwannoma Surgery? *Otol Neurotol*. 2018 Feb;39(2):e131-e136. doi: 10.1097/MAO.0000000000001633. PubMed PMID: 29227440.

155: Hsu EA, Miller JL, Perez FA, Roth CL. Oxytocin and Naltrexone Successfully Treat Hypothalamic Obesity in a Boy Post-Craniopharyngioma Resection. *J Clin Endocrinol Metab*. 2018 Feb 1;103(2):370-375. doi: 10.1210/jc.2017-02080. PubMed PMID: 29220529.

156: Poorman GW, Passias PG, Horn SR, Frangella NJ, Daniels AH, Hamilton DK, Kim H, Sciubba D, Diebo BG, Bortz CA, Segreto FA, Kelly MP, Smith JS, Neuman BJ, Shaffrey CI, LaFage V, LaFage R, Ames CP, Hart R, Mundis GM Jr, Eastlack R; International Spine Study Group. Despite worse baseline status depressed patients achieved outcomes similar to those in nondepressed patients after surgery for cervical deformity. *Neurosurg Focus*. 2017 Dec;43(6):E10. doi: 10.3171/2017.8.FOCUS17486. PubMed PMID: 29191101.

157: Ene CI, Morton RP, Kelly CM, Levitt MR, Ghodke B. Angiographic perfusion imaging of intracranial stenting. *J Clin Neurosci*. 2018 Feb;48:100-102. doi: 10.1016/j.jocn.2017.10.078. Epub 2017 Nov 26. PubMed PMID: 29183679.

158: Vavilala MS, Farr CK, Watanitanon A, Clark-Bell BC, Chandee T, Moore A, Armstead W. Early changes in cerebral autoregulation among youth hospitalized after sports-related traumatic brain injury. *Brain Inj*. 2018;32(2):269-275. doi: 10.1080/02699052.2017.1408145. Epub 2017 Nov 28. PubMed PMID: 29182378; PubMed Central PMCID: PMC6178930.

159: Young CC, Morton RP, Ghodke BV, Levitt MR. Retrograde 3D rotational venography (3DRV) for

venous sinus stent placement in idiopathic intracranial hypertension. *J Neurointerv Surg*. 2018 Aug;10(8):777-779. doi: 10.1136/neurintsurg-2017-013533. Epub 2017 Nov 24. PubMed PMID: 29175828.

160: Bayart CB, Ishak GE, Finn LS, Lee A, Baran F, Sun A, Gupta D, Vitanza NA. Pilocytic astrocytoma with leptomeningeal spread in a patient with incontinentia pigmenti presenting with unilateral nystagmus. *Pediatr Blood Cancer*. 2018 Mar;65(3). doi: 10.1002/pbc.26886. Epub 2017 Nov 24. PubMed PMID: 29171168.

161: Clarke CM, Fok VT, Gustafson JA, Smyth MD, Timms AE, Frazar CD, Smith JD, Birgfeld CB, Lee A, Ellenbogen RG, Gruss JS, Hopper RA, Cunningham ML. Single suture craniosynostosis: Identification of rare variants in genes associated with syndromic forms. *Am J Med Genet A*. 2018 Feb;176(2):290-300. doi: 10.1002/ajmg.a.38540. Epub 2017 Nov 23. Erratum in: *Am J Med Genet A*. 2018 Nov;176(11):2522. PubMed PMID: 29168297; PubMed Central PMCID: PMC5768450.

162: Yue JK, Winkler EA, Sharma S, Vassar MJ, Ratcliff JJ, Korley FK, Seabury SA, Ferguson AR, Lingsma HF, Deng H, Meeuws S, Adeoye OM, Rick JW, Robinson CK, Duarte SM, Yuh EL, Mukherjee P, Dikmen SS, McAllister TW, Diaz-Arrastia R, Valadka AB, Gordon WA, Okonkwo DO, Manley GT; the TRACK-TBI Investigators. Temporal profile of care following mild traumatic brain injury: predictors of hospital admission, follow-up referral and six-month outcome. *Brain Inj*. 2017;31(13-14):1820-1829. doi: 10.1080/02699052.2017.1351000. Erratum in: *Brain Inj*. 2018;32(3):381. PubMed PMID: 29166203.

163: Soliman H, Ruschin M, Angelov L, Brown PD, Chiang VLS, Kirkpatrick JP, Lo SS, Mahajan A, Oh KS, Sheehan JP, Soltys SG, Sahgal A. Consensus Contouring Guidelines for Postoperative Completely Resected Cavity Stereotactic Radiosurgery for Brain Metastases. *Int J Radiat Oncol Biol Phys*. 2018 Feb 1;100(2):436-442. doi: 10.1016/j.ijrobp.2017.09.047. Epub 2017 Oct 4. PubMed PMID: 29157748.

164: Brito da Silva H, Straus D, Barber JK, Rostomily RC, Ferreira M Jr, Sekhar LN. Cranial Chordoma: A New Preoperative Grading System. *Neurosurgery*. 2018 Sep 1;83(3):403-415. doi: 10.1093/neuros/nyx423. PubMed PMID: 29126120; PubMed Central PMCID: PMC6140779.

165: Miller JA, Guillozet-Bongaarts A, Gibbons LE, Postupna N, Renz A, Beller AE, Sunkin SM, Ng L, Rose SE, Smith KA, Szafer A, Barber C, Bertagnolli D, Bickley K, Brouner K, Caldejon S, Chapin M, Chua ML, Coleman NM, Cudaback E, Cuhaciyan C, Dalley RA, Dee N, Desta T, Dolbeare TA, Dotson NI, Fisher M, Gaudreault N, Gee G, Gilbert TL, Goldy J, Griffin F, Habel C, Haradon Z, Hejazinia N, Hellstern LL, Horvath S, Howard K, Howard R, Johal J, Jorstad NL, Josephsen SR, Kuan CL, Lai F, Lee E, Lee F, Lemon T, Li X, Marshall DA, Melchor J, Mukherjee S, Nyhus J, Pendergraft J, Potekhina L, Rha EY, Rice S, Rosen D, Sapru A, Schantz A, Shen E, Sherfield E, Shi S, Sodt AJ, Thatra N, Tieu M, Wilson AM, Montine TJ, Larson EB, Bernard A, Crane PK, Ellenbogen RG, Keene CD, Lein E. Neuropathological and transcriptomic characteristics of the aged brain. *Elife*. 2017 Nov 9;6. pii: e31126. doi: 10.7554/eLife.31126. PubMed PMID: 29120328; PubMed Central PMCID: PMC5679757.

166: Maier-Hein KH, Neher PF, Houde JC, Côté MA, Garyfallidis E, Zhong J, Chamberland M, Yeh FC, Lin YC, Ji Q, Reddick WE, Glass JO, Chen DQ, Feng Y, Gao C, Wu Y, Ma J, Renjie H, Li Q, Westin CF, Deslauriers-Gauthier S, González JOO, Paquette M, St-Jean S, Girard G, Rheault F, Sidhu J, Tax CMW, Guo F, Mesri HY, Dávid S, Froeling M, Heemskerk AM, Leemans A, Boré A, Pinsard B, Bedetti C, Desrosiers M, Brambati S, Doyon J, Sarica A, Vasta R, Cerasa A, Quattrone A, Yeatman J, Khan AR, Hodges W, Alexander S, Romascano D, Barakovic M, Auría A, Esteban O, Lemkaddem A, Thiran JP, Cetingul HE, Odry BL, Mailhe B, Nadar MS, Pizzagalli F, Prasad G, Villalon-Reina JE, Galvis J, Thompson PM, Requejo FS, Laguna PL, Lacerda LM, Barrett R, Dell'Acqua F, Catani M, Petit L, Caruyer E, Daducci A, Dyrby TB, Holland-Letz T, Hilgetag CC, Stieltjes B, Descoteaux M. The challenge of mapping the human connectome based on diffusion tractography. *Nat Commun*. 2017 Nov 7;8(1):1349. doi:

10.1038/s41467-017-01285-x. PubMed PMID: 29116093; PubMed Central PMCID: PMC5677006.

167: Davis GA, Ellenbogen RG, Bailes J, Cantu RC, Johnston KM, Manley GT, Nagahiro S, Sills A, Tator CH, McCrory P. The Berlin International Consensus Meeting on Concussion in Sport. *Neurosurgery*. 2018 Feb 1;82(2):232-236. doi: 10.1093/neuros/nyx344. PubMed PMID: 29106653.

168: Nerva JD, Morton RP, Kelly CM, Hallam DK, Levitt MR. Endovascular Coil Retrieval Using Dual Synchronous Solitaire Revascularization Devices. *Oper Neurosurg (Hagerstown)*. 2018 Sep 1;15(3):E19-E22. doi: 10.1093/ons/opx230. PubMed PMID: 29106636.

169: Hu D, Gong Y, Seibel EJ, Sekhar LN, Hannaford B. Semi-autonomous image-guided brain tumour resection using an integrated robotic system: A bench-top study. *Int J Med Robot*. 2018 Feb;14(1). doi: 10.1002/rcs.1872. Epub 2017 Nov 3. PubMed PMID: 29105281; PubMed Central PMCID: PMC5762424.

170: Kadam SD, D'Ambrosio R, Duveau V, Roucard C, Garcia-Cairasco N, Ikeda A, de Curtis M, Galanopoulou AS, Kelly KM. Methodological standards and interpretation of video-electroencephalography in adult control rodents. A TASK1-WG1 report of the AES/ILAE Translational Task Force of the ILAE. *Epilepsia*. 2017 Nov;58 Suppl 4:10-27. doi: 10.1111/epi.13903. PubMed PMID: 29105073; PubMed Central PMCID: PMC5679281.

171: Iwanaga J, Badaloni F, Laws T, Oskouian RJ, Tubbs RS. Anatomic Study of Extracranial Needle Trajectory Using Hartel Technique for Percutaneous Treatment of Trigeminal Neuralgia. *World Neurosurg*. 2018 Feb;110:e245-e248. doi: 10.1016/j.wneu.2017.10.140. Epub 2017 Nov 22. PubMed PMID: 29104153.

172: Wang AC, Ibrahim GM, Poliakov AV, Wang PI, Fallah A, Mathern GW, Buckley RT, Collins K, Weil AG, Shurtleff HA, Warner MH, Perez FA, Shaw DW, Wright JN, Saneto RP, Novotny EJ, Lee A, Browd SR, Ojemann JG. Corticospinal tract atrophy and motor fMRI predict motor preservation after functional cerebral hemispherectomy. *J Neurosurg Pediatr*. 2018 Jan;21(1):81-89. doi: 10.3171/2017.7.PEDS17137. Epub 2017 Nov 3. PubMed PMID: 29099351.

173: Jansen O, Grasmuecke D, Meindl RC, Tegenthoff M, Schwenkreis P, Sczesny-Kaiser M, Wessling M, Schildhauer TA, Fisahn C, Aach M. Hybrid Assistive Limb Exoskeleton HAL in the Rehabilitation of Chronic Spinal Cord Injury: Proof of Concept; the Results in 21 Patients. *World Neurosurg*. 2018 Feb;110:e73-e78. doi: 10.1016/j.wneu.2017.10.080. Epub 2017 Dec 15. PubMed PMID: 29081392.

174: Brandner JS, Rawal YB, Kim LJ, Dillon JK. Intraosseous Hemangioma of the Frontal Bone. Report of a Case and Review of the Literature. *J Oral Maxillofac Surg*. 2018 Apr;76(4):799-805. doi: 10.1016/j.joms.2017.09.014. Epub 2017 Sep 23. PubMed PMID: 29049899.

175: Vahedi P, Rymarczuk GN, Gillick JL, Tubbs RS, Wilson J, Prasad SK. Spontaneous Fusion of S2/S3 Spondyloptosis in an Adult. *World Neurosurg*. 2018 Feb;110:129-132. doi: 10.1016/j.wneu.2017.10.001. Epub 2017 Oct 12. PubMed PMID: 29032221.

176: Massey SC, Johnston SK, Canoll PD, Bruce JN, Bendok BR, Swanson KR. Letter: Surgical Decision Making From Image-Based Biophysical Modeling of Glioblastoma: Not Ready for Primetime. *Neurosurgery*. 2018 Jan 1;82(1):E17-E18. doi: 10.1093/neuros/nyx481. PubMed PMID: 29029349.

177: Bonow RH, Oron AP, Hanak BW, Browd SR, Chesnut RM, Ellenbogen RG, Vavilala MS, Rivara FP. Post-Traumatic Hydrocephalus in Children: A Retrospective Study in 42 Pediatric Hospitals Using the Pediatric Health Information System. *Neurosurgery*. 2018 Oct 1;83(4):732-739. doi: 10.1093/neuros/nyx470. PubMed PMID: 29029289.

- 178: Mourad PD, Friedly JL, McClintic AM, Olmstead TA, Loeser JD. Intense Focused Ultrasound Preferentially Stimulates Transected Nerves Within Residual Limbs: Pilot Study. *Pain Med.* 2018 Mar 1;19(3):541-549. doi: 10.1093/pm/pnx188. PubMed PMID: 29025106.
- 179: Scheer JK, Lafage R, Schwab FJ, Liabaud B, Smith JS, Mundis GM, Hostin R, Shaffrey CI, Burton DC, Hart RA, Kim HJ, Bess S, Gupta M, Lafage V, Ames CP; International Spine Study Group. Under Correction of Sagittal Deformities Based on Age-adjusted Alignment Thresholds Leads to Worse Health-related Quality of Life Whereas Over Correction Provides No Additional Benefit. *Spine (Phila Pa 1976).* 2018 Mar 15;43(6):388-393. doi: 10.1097/BRS.0000000000002435. PubMed PMID: 29016433.
- 180: Neidert MC, Lawton MT, Kim LJ, Nerva JD, Kurisu K, Ikawa F, Konczalla J, Dinc N, Seifert V, Habdank-Kolaczowski J, Hatano T, Hayase M, Podlessek D, Schackert G, Wanet T, Gläser S, Griessenauer CJ, Ogilvy CS, Kneist A, Sure U, Seifert B, Regli L, Bozinov O, Burkhardt JK. International multicentre validation of the arteriovenous malformation-related intracerebral haemorrhage (AVICH) score. *J Neurol Neurosurg Psychiatry.* 2018 Nov;89(11):1163-1166. doi: 10.1136/jnnp-2017-316259. Epub 2017 Oct 6. PubMed PMID: 28986471.
- 181: Ghali MGZ, Srinivasan VM, Cherian J, Kim L, Siddiqui A, Aziz-Sultan MA, Froehler M, Wakhloo A, Sauvageau E, Rai A, Chen SR, Johnson J, Lam SK, Kan P. Pediatric Intracranial Aneurysms: Considerations and Recommendations for Follow-Up Imaging. *World Neurosurg.* 2018 Jan;109:418-431. doi: 10.1016/j.wneu.2017.09.150. Epub 2017 Oct 3. Review. PubMed PMID: 28986225.
- 182: Alcantara D, Timms AE, Gripp K, Baker L, Park K, Collins S, Cheng C, Stewart F, Mehta SG, Saggat A, Sztrika L, Zombor M, Caluseriu O, Mesterman R, Van Allen MI, Jacquinet A, Ygberg S, Bernstein JA, Wenger AM, Guturu H, Bejerano G, Gomez-Ospina N, Lehman A, Alfei E, Pantaleoni C, Conti V, Guerrini R, Moog U, Graham JM Jr, Hevner R, Dobyns WB, O'Driscoll M, Mirzaa GM. Mutations of AKT3 are associated with a wide spectrum of developmental disorders including extreme megalencephaly. *Brain.* 2017 Oct 1;140(10):2610-2622. doi: 10.1093/brain/awx203. PubMed PMID: 28969385; PubMed Central PMCID: PMC6080423.
- 183: Elarjani T, Shetty R, Singh H, da Silva HB, Sekhar LN. Transpetrosal approach to petro-clival meningioma. *Neurosurg Focus.* 2017 Oct;43(VideoSuppl2):V1. doi: 10.3171/2017.10.FocusVid.17214. PubMed PMID: 28967311.
- 184: De Mori R, Romani M, D'Arrigo S, Zaki MS, Loreface E, Tardivo S, Biagini T, Stanley V, Musaev D, Fluss J, Micalizzi A, Nuovo S, Illi B, Chiapparini L, Di Marcotullio L, Issa MY, Anello D, Casella A, Ginevrino M, Leggins AS, Roosing S, Alfonsi R, Rosati J, Schot R, Mancini GMS, Bertini E, Dobyns WB, Mazza T, Gleeson JG, Valente EM. Hypomorphic Recessive Variants in SUFU Impair the Sonic Hedgehog Pathway and Cause Joubert Syndrome with Cranio-facial and Skeletal Defects. *Am J Hum Genet.* 2017 Oct 5;101(4):552-563. doi: 10.1016/j.ajhg.2017.08.017. Epub 2017 Sep 28. PubMed PMID: 28965847; PubMed Central PMCID: PMC5630196.
- 185: Drane DL. MRI-Guided stereotactic laser ablation for epilepsy surgery: Promising preliminary results for cognitive outcome. *Epilepsy Res.* 2018 May;142:170-175. doi: 10.1016/j.epilepsyres.2017.09.016. Epub 2017 Sep 23. PubMed PMID: 28964596; PubMed Central PMCID: PMC5866159.
- 186: Arnold PM, Sasso RC, Janssen ME, Fehlings MG, Heary RF, Vaccaro AR, Kopjar B. i-Factor™ Bone Graft vs Autograft in Anterior Cervical Discectomy and Fusion: 2-Year Follow-up of the Randomized Single-Blinded Food and Drug Administration Investigational Device Exemption Study. *Neurosurgery.* 2018 Sep 1;83(3):377-384. doi: 10.1093/neuros/nyx432. PubMed PMID: 28945914.

- 187: Lee LS, Andersen DK, Ashida R, Brugge WR, Canto MI, Chang KJ, Chari ST, DeWitt J, Hwang JH, Khashab MA, Kim K, Levy MJ, McGrath K, Park WG, Singhi A, Stevens T, Thompson CC, Topazian MD, Wallace MB, Wani S, Waxman I, Yadav D, Singh VK. EUS and related technologies for the diagnosis and treatment of pancreatic disease: research gaps and opportunities-Summary of a National Institute of Diabetes and Digestive and Kidney Diseases workshop. *Gastrointest Endosc*. 2017 Nov;86(5):768-778. doi: 10.1016/j.gie.2017.08.006. Epub 2017 Sep 20. Review. PubMed PMID: 28941651.
- 188: Bevans SE, Moe KS. Advances in the Reconstruction of Orbital Fractures. *Facial Plast Surg Clin North Am*. 2017 Nov;25(4):513-535. doi: 10.1016/j.fsc.2017.06.014. Review. PubMed PMID: 28941505.
- 189: Oxford RG, Chesnut RM. Neurosurgical Considerations in Craniofacial Trauma. *Facial Plast Surg Clin North Am*. 2017 Nov;25(4):479-491. doi: 10.1016/j.fsc.2017.06.002. Review. PubMed PMID: 28941502.
- 190: Aldag M, Armstrong RC, Bandak F, Bellgowan PSF, Bentley T, Biggerstaff S, Caravelli K, Cmarik J, Crowder A, DeGraba TJ, Dittmer TA, Ellenbogen RG, Greene C, Gupta RK, Hicks R, Hoffman S, Latta RC 3rd, Leggieri MJ Jr, Marion D, Mazzoli R, McCrea M, O'Donnell J, Packer M, Petro JB, Rasmussen TE, Sammons-Jackson W, Shoge R, Tepe V, Tremaine LA, Zheng J. The Biological Basis of Chronic Traumatic Encephalopathy following Blast Injury: A Literature Review. *J Neurotrauma*. 2017 Sep;34(S1):S26-S43. doi: 10.1089/neu.2017.5218. Review. PubMed PMID: 28937953; PubMed Central PMCID: PMC5695742.
- 191: Gambin T, Yuan B, Bi W, Liu P, Rosenfeld JA, Coban-Akdemir Z, Pursley AN, Nagamani SCS, Marom R, Golla S, Dengle L, Petrie HG, Matalon R, Emrick L, Proud MB, Treadwell-Deering D, Chao HT, Koillinen H, Brown C, Urraca N, Mostafavi R, Bernes S, Roeder ER, Nugent KM, Bader PI, Bellus G, Cummings M, Northrup H, Ashfaq M, Westman R, Wildin R, Beck AE, Immken L, Elton L, Varghese S, Buchanan E, Faivre L, Lefebvre M, Schaaf CP, Walkiewicz M, Yang Y, Kang SL, Lalani SR, Bacino CA, Beaudet AL, Breman AM, Smith JL, Cheung SW, Lupski JR, Patel A, Shaw CA, Stankiewicz P. Identification of novel candidate disease genes from de novo exonic copy number variants. *Genome Med*. 2017 Sep 21;9(1):83. doi: 10.1186/s13073-017-0472-7. PubMed PMID: 28934986; PubMed Central PMCID: PMC5607840.
- 192: Abecassis IJ, Hanak B, Barber J, Mortazavi M, Ellenbogen RG. A Single-Institution Experience with Pineal Region Tumors: 50 Tumors Over 1 Decade. *Oper Neurosurg (Hagerstown)*. 2017 Oct 1;13(5):566-575. doi: 10.1093/ons/oxp038. PubMed PMID: 28922884.
- 193: Chua KLM, Tan DBH, Chua MLK, Lo SS. The promise of stereotactic body radiotherapy-next phase of integration into oncological practice. *Chin Clin Oncol*. 2017 Sep;6(Suppl 2):S8. doi: 10.21037/cco.2017.08.03. PubMed PMID: 28917246.
- 194: Gold LS, Hansen RN, Avins AL, Bauer Z, Comstock BA, Deyo RA, Heagerty PJ, Rundell SD, Suri P, Turner JA, Jarvik JG. Associations of Early Opioid Use With Patient-reported Outcomes and Health Care Utilization Among Older Adults With Low Back Pain. *Clin J Pain*. 2018 Apr;34(4):297-305. doi: 10.1097/AJP.0000000000000557. PubMed PMID: 28915153; PubMed Central PMCID: PMC5837891.
- 195: Zhang Z, Ma Q, Shah B, Mackensen GB, Lo DC, Mathew JP, Podgoreanu MV, Terrando N. Neuroprotective Effects of Annexin A1 Tripeptide after Deep Hypothermic Circulatory Arrest in Rats. *Front Immunol*. 2017 Aug 30;8:1050. doi: 10.3389/fimmu.2017.01050. eCollection 2017. PubMed PMID: 28912778; PubMed Central PMCID: PMC5582068.
- 196: McCrory P, Meeuwisse W, Dvorak J, Aubry M, Bailes J, Broglio S, Cantu RC, Cassidy D,

Echemendia RJ, Castellani RJ, Davis GA, Ellenbogen R, Emery C, Engebretsen L, Feddermann-Demont N, Giza CC, Guskiewicz KM, Herring S, Iverson GL, Johnston KM, Kissick J, Kutcher J, Leddy JJ, Maddocks D, Makdissi M, Manley G, McCrea M, Meehan WP, Nagahiro S, Patricios J, Putukian M, Schneider KJ, Sills A, Tator CH, Turner M, Vos PE. Infographic: Consensus statement on concussion in sport. *Br J Sports Med*. 2017 Nov;51(21):1557-1558. doi: 10.1136/bjsports-2017-098065. Epub 2017 Sep 12. PubMed PMID: 28899991.

197: Rao A, Lin A, Hilliard C, Fu R, Lennox T, Barbosa R, Schreiber M, Rowell S. The Utility of Thromboelastography for Predicting The Risk of Progression of Intracranial Hemorrhage in Traumatic Brain Injury Patients. *Neurosurgery*. 2017 Sep 1;64(CN_suppl_1):182-187. doi: 10.1093/neuros/nyx210. PubMed PMID: 28899039.

198: Ko AL, Ibrahim A, Magown P, Macallum R, Burchiel KJ. Factors Affecting Stereotactic Accuracy in Image-Guided Deep Brain Stimulator Electrode Placement. *Stereotact Funct Neurosurg*. 2017;95(5):315-324. doi: 10.1159/000479527. Epub 2017 Sep 9. PubMed PMID: 28889124.

199: Fehlings MG, Kopjar B, Ibrahim A, Tetreault LA, Arnold PM, Defino H, Kale SS, Yoon ST, Barbagallo GM, Bartels RHM, Zhou Q, Vaccaro AR, Zileli M, Tan G, Yukawa Y, Brodke DS, Shaffrey CI, Santos de Moraes O, Woodard EJ, Scerrati M, Tanaka M, Toyone T, Sasso RC, Janssen ME, Gokaslan ZL, Alvarado M, Bolger C, Bono CM, Dekutoski MB. Geographic variations in clinical presentation and outcomes of decompressive surgery in patients with symptomatic degenerative cervical myelopathy: analysis of a prospective, international multicenter cohort study of 757 patients. *Spine J*. 2018 Apr;18(4):593-605. doi: 10.1016/j.spinee.2017.08.265. Epub 2017 Sep 6. PubMed PMID: 28888674.

200: Osbun JW, Tatman PD, Kaur S, Parada C, Busald T, Gonzalez-Cuyar L, Shi M, Born DE, Zhang J, Ferreira M. Comparative Proteomic Profiling Using Two-Dimensional Gel Electrophoresis and Identification via LC-MS/MS Reveals Novel Protein Biomarkers to Identify Aggressive Subtypes of WHO Grade I Meningioma. *J Neurol Surg B Skull Base*. 2017 Oct;78(5):371-379. doi: 10.1055/s-0037-1601889. Epub 2017 Apr 26. PubMed PMID: 28875114; PubMed Central PMCID: PMC5582960.

From:

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

Permanent link:

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

Last update: **2024/06/07 02:51**

