

NYU Langone Health

New York University Langone's Department of Neurosurgery

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Rabow Z, Morningstar T, Showalter M, Heil H, Thongphanh K, Fan S, Chan J, Martínez-Cerdeño V, Berman R, Zagzag D, Nudler E, Fiehn O, Lechpammer M. Exposure to DMSO during infancy alters neurochemistry, social interactions, and brain morphology in long-evans rats. Brain Behav. 2021 Apr 10:e02146. doi: 10.1002/brb3.2146. Epub ahead of print. PMID: 33838015.

The ability of our cerebrovascular surgeons to perform minimally-invasive, image-guided procedures has been enhanced by the construction in 2011 of NYU Langone's state-of-the-art "hybrid" [operating room](#). This new OR of the future combines the facilities of a standard operating room with the technology of a digital flat-panel interventional neuroradiology suite, including built-in X-ray imaging, computer guidance systems, and video-integrated technology that projects and records 3-D images of the surgical field onto high-definition plasma monitors. In addition to being ideal for minimally-invasive cerebrovascular procedures, the OR's multiple capabilities also allow our surgeons to customize neurosurgical procedures for each individual patient, utilizing both minimally-invasive and open microsurgery as needed.

- 1: Burkhardt JK, Shapiro M, Tanweer O, Litao M, Chancellor B, Raz E, Riina HA, Nelson PK. Balloon-assisted tracking technique to overcome intracranial stenosis during thrombectomy for stroke. *J Neurointerv Surg*. 2018 Dec 22. pii: neurintsurg-2018-014275. doi: 10.1136/neurintsurg-2018-014275.rep. [Epub ahead of print] PubMed PMID: 30580285.
- 2: Burkhardt JK, Shapiro M, Tanweer O, Litao M, Chancellor B, Raz E, Riina HA, Nelson PK. Balloon-assisted tracking technique to overcome intracranial stenosis during thrombectomy for stroke. *BMJ Case Rep*. 2018 Dec 10;11(1). pii: e014275. doi: 10.1136/bcr-2018-014275. PubMed PMID: 30567225.
- 3: Liu A, Vöröslakos M, Kronberg G, Henin S, Krause MR, Huang Y, Opitz A, Mehta A, Pack CC, Krekelberg B, Berényi A, Parra LC, Melloni L, Devinsky O, Buzsáki G. Immediate neurophysiological effects of transcranial Electrostimulation. *Nat Commun*. 2018 Nov 30;9(1):5092. doi: 10.1038/s41467-018-07233-7. Review. PubMed PMID: 30504921; PubMed Central PMCID: PMC6269428.
- 4: Hayenga HN, Bishop AJ, Wardak Z, Sen C, Mickey B. Intraspinal Dissemination and Local Recurrence of an Intracranial Hemangiopericytoma: Case Report. *World Neurosurg*. 2018 Nov 29. pii: S1878-8750(18)32732-3. doi: 10.1016/j.wneu.2018.11.173. [Epub ahead of print] PubMed PMID: 30503286.
- 5: Wadhwa EL, Franc BL, Aboian M, Kim JY, Pampaloni M, Nicolaides T. Delayed Fluorodeoxyglucose Positron Emission Tomography Imaging in the Differentiation of Tumor Recurrence and Radiation Necrosis in Pediatric Central Nervous System Tumors: Case Report and Review of the Literature. *Cureus*. 2018 Sep 26;10(9):e3364. doi: 10.7759/cureus.3364. PubMed PMID: 30510874; PubMed Central PMCID: PMC6257469.
- 6: Svrakic M, Golfinos JG, Zagzag D, Roland JT Jr. Cochlear Implantation of a Patient with Definitive Neurosarcoidosis. *OTO Open*. 2017 Nov 15;1(4):2473974x17742633. doi: 10.1177/2473974x17742633. eCollection 2017 Oct-Dec. PubMed PMID: 30480198; PubMed Central PMCID: PMC6239151.
- 7: Gupta A, Shepard MJ, Xu Z, Maiti T, Martinez-Moreno N, Silverman J, Iorio-Morin C, Martinez-Alvarez R, Barnett G, Mathieu D, Borghei-Razavi H, Kondziolka D, Sheehan JP. An International Radiosurgery Research Foundation Multicenter Retrospective Study of Gamma Ventral Capsulotomy for Obsessive Compulsive Disorder. *Neurosurgery*. 2018 Nov 22. doi: 10.1093/neuros/nyy536. [Epub ahead of print] PubMed PMID: 30476294.
- 8: Wolf A, Naylor K, Tam M, Habibi A, Novotny J, Liščák R, Martinez-Moreno N, Martinez-Alvarez R, Sisterson N, Golfinos JG, Silverman J, Kano H, Sheehan J, Lunsford LD, Kondziolka D. Risk of radiation-associated intracranial malignancy after stereotactic radiosurgery: a retrospective, multicentre, cohort study. *Lancet Oncol*. 2018 Nov 22. pii: S1470-2045(18)30659-4. doi: 10.1016/S1470-2045(18)30659-4. [Epub ahead of print] PubMed PMID: 30473468.
- 9: Passias PG, Oh C, Horn SR, Kim HJ, Hamilton DK, Sciubba DM, Neuman BJ, Buckland AJ, Poorman GW, Segreto FA, Bortz CA, Brown AE, Protosaltis TS, Klineberg EO, Ames C, Smith JS, Lafage V; International Spine Study Group. Predicting the occurrence of complications following corrective cervical deformity surgery: Analysis of a prospective multicenter database using predictive analytics. *J Clin Neurosci*. 2018 Nov 17. pii: S0967-5868(18)31054-3. doi: 10.1016/j.jocn.2018.10.111. [Epub ahead of print] PubMed PMID: 30459012.

10: 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.

11: Passias PG, Bortz CA, Pierce KE, Segreto FA, Horn SR, Vasquez-Montes D, Lafage V, Brown AE, Ihejirika Y, Alas H, Varlotta C, Ge DH, Shepard N, Oh C, DelSole EM, Jankowski PP, Hockley A, Diebo BG, Vira SN, Sciubba DM, Raad M, Neuman BJ, Gerling MC. Decreased rates of 30-day perioperative complications following ASD-corrective surgery: A modified Clavien analysis of 3300 patients from 2010 to 2014. *J Clin Neurosci*. 2018 Nov 10. pii: S0967-5868(18)31283-9. doi: 10.1016/j.jocn.2018.10.104. [Epub ahead of print] PubMed PMID: 30424970.

12: Janjua MB, Ozturk A, Piazza M, Passias P, Arlet V, Welch WC. Technical nuances of percutaneous sacroiliac joint fixation: A cadaveric study. *J Clin Neurosci*. 2018 Nov 10. pii: S0967-5868(18)31062-2. doi: 10.1016/j.jocn.2018.10.130. [Epub ahead of print] PubMed PMID: 30424968.

13: Schriml LM, Mitraka E, Munro J, Tauber B, Schor M, Nickle L, Felix V, Jeng L, Bearer C, Lichenstein R, Bisordi K, Campion N, Hyman B, Kurland D, Oates CP, Kibbey S, Sreekumar P, Le C, Giglio M, Greene C. Human Disease Ontology 2018 update: classification, content and workflow expansion. *Nucleic Acids Res*. 2018 Nov 8. doi: 10.1093/nar/gky1032. [Epub ahead of print] PubMed PMID: 30407550.

14: Passias PG, Horn SR, Vasquez-Montes D, Shepard N, Segreto FA, Bortz CA, Poorman GW, Jalai CM, Wang C, Stekas N, Frangella NJ, Deflorimonte C, Diebo BG, Raad M, Vira S, Horowitz JA, Sciubba DM, Hassanzadeh H, Lafage R, Afthinos J, Lafage V. Prior bariatric surgery lowers complication rates following spine surgery in obese patients. *Acta Neurochir (Wien)*. 2018 Dec;160(12):2459-2465. doi: 10.1007/s00701-018-3722-6. Epub 2018 Nov 8. PubMed PMID: 30406870.

15: Spino M, Kurz SC, Chiriboga L, Serrano J, Zeck B, Sen N, Patel S, Shen G, Vasudevaraja V, Tsigirgos A, Suryadevara CM, Frenster JD, Tateishi K, Wakimoto H, Jain R, Riina HA, Nicolaidis T, Sulman EP, Cahill DP, Golfinos JG, Isse K, Saunders LR, Zagzag D, Placantonakis DG, Snuderl M, Chi AS. Cell surface Notch ligand DLL3 is a therapeutic target in isocitrate dehydrogenase mutant glioma. *Clin Cancer Res*. 2018 Nov 5. pii: clincanres.2312.2018. doi: 10.1158/1078-0432.CCR-18-2312. [Epub ahead of print] PubMed PMID: 30397180.

16: De la Garza Ramos R, Longo M, Gelfand Y, Echt M, Diebo BG, Shah NV, Kessler RA, Passias PG, Yassari R. Weekend versus Weekday Admission in Spinal Cord Injury and Its Effect on Timing of Surgical Intervention. *World Neurosurg*. 2018 Nov 1. pii: S1878-8750(18)32431-8. doi: 10.1016/j.wneu.2018.10.133. [Epub ahead of print] PubMed PMID: 30391609.

17: Hidalgo ET, Frankel HG, Rodriguez C, Orillac C, Phillips S, Patel N, Devinsky O, Friedman D, Weiner HL. Invasive monitoring after resection of epileptogenic neocortical lesions in multistaged epilepsy surgery in children. *Epilepsy Res*. 2018 Dec;148:48-54. doi: 10.1016/j.eplepsyres.2018.09.001. Epub 2018 Sep 19. PubMed PMID: 30384114.

18: Marvin JS, Scholl B, Wilson DE, Podgorski K, Kazemipour A, Müller JA, Schoch S, Quiroz FJU, Rebola N, Bao H, Little JP, Tkachuk AN, Cai E, Hantman AW, Wang SS, DePiero VJ, Borghuis BG, Chapman ER, Dietrich D, DiGregorio DA, Fitzpatrick D, Looger LL. Stability, affinity, and chromatic variants of the glutamate sensor iGluSnFR. *Nat Methods*. 2018 Nov;15(11):936-939. doi: 10.1038/s41592-018-0171-3. Epub 2018 Oct 30. PubMed PMID: 30377363.

- 19: Passias PG, Poorman GW, Lafage V, Smith J, Ames C, Schwab F, Shaffrey C, Segreto FA, Horn SR, Bortz CA, Varlotta CG, Hockley A, Wang C, Daniels A, Neuman B, Hart R, Burton D, Javidan Y, Line B, LaFage R, Bess S, Sciubba D; ISSG. Cervical Versus Thoracolumbar Spinal Deformities: A Comparison of Baseline Quality-of-Life Burden. *Clin Spine Surg*. 2018 Dec;31(10):413-419. doi: 10.1097/BSD.0000000000000743. PubMed PMID: 30371600.
- 20: Deer TR, Grider JS, Pope JE, Falowski S, Lamer TJ, Calodney A, Provenzano DA, Sayed D, Lee E, Wahezi SE, Kim C, Hunter C, Gupta M, Benyamin R, Chopko B, Demesmin D, Diwan S, Gharibo C, Kapural L, Kloth D, Klagges BD, Harned M, Simopoulos T, McJunkin T, Carlson JD, Rosenquist RW, Lubenow TR, Mekhail N. The MIST Guidelines: The Lumbar Spinal Stenosis Consensus Group Guidelines for Minimally Invasive Spine Treatment. *Pain Pract*. 2018 Oct 27. doi: 10.1111/papr.12744. [Epub ahead of print] PubMed PMID: 30369003.
- 21: Kuzniecky R, Baez C, Aranda G, Hidalgo ET, Grover A, Orillac C, Zelenka Y, Weiner HL. Epilepsy surgery in Panama: Establishment of a successful hybrid program as a model for small middle-income countries. *Epilepsia*. 2018 Nov;59(11):2137-2144. doi: 10.1111/epi.14571. Epub 2018 Oct 19. PubMed PMID: 30338512.
- 22: Lewis A. Contentious Ethical and Legal Aspects of Determination of Brain Death. *Semin Neurol*. 2018 Oct;38(5):576-582. doi: 10.1055/s-0038-1668075. Epub 2018 Oct 15. PubMed PMID: 30321897.
- 23: Lewis A, Bernat JL. Ethics in Neurology. *Semin Neurol*. 2018 Oct;38(5):495-496. doi: 10.1055/s-0038-1673410. Epub 2018 Oct 15. PubMed PMID: 30321886.
- 24: Xu Q, Xue J, Kubicek G, Mulvihill D, Oh S, Goldman W, Turtz A, Kim L. Improved Dose Conformity for Adjacent Targets: A Novel Planning Technique for Gamma Knife Stereotactic Radiosurgery. *Cureus*. 2018 Jul 27;10(7):e3057. doi: 10.7759/cureus.3057. PubMed PMID: 30310763; PubMed Central PMCID: PMC6168383.
- 25: Gros C, De Leener B, Badji A, Maranzano J, Eden D, Dupont SM, Talbott J, Zhuoquiong R, Liu Y, Granberg T, Ouellette R, Tachibana Y, Hori M, Kamiya K, Chougar L, Stawiarz L, Hillert J, Bannier E, Kerbrat A, Edan G, Labauge P, Callot V, Pelletier J, Audoin B, Rasoanandrianina H, Brisset JC, Valsasina P, Rocca MA, Filippi M, Bakshi R, Tauhid S, Prados F, Yiannakas M, Kearney H, Ciccarelli O, Smith S, Treaba CA, Mainero C, Lefeuve J, Reich DS, Nair G, Auclair V, McLaren DG, Martin AR, Fehlings MG, Vahdat S, Khatibi A, Doyon J, Shepherd T, Charlson E, Narayanan S, Cohen-Adad J. Automatic segmentation of the spinal cord and intramedullary multiple sclerosis lesions with convolutional neural networks. *Neuroimage*. 2019 Jan 1;184:901-915. doi: 10.1016/j.neuroimage.2018.09.081. Epub 2018 Oct 6. PubMed PMID: 30300751.
- 26: Devinsky O, Boesch JM, Cerda-Gonzalez S, Coffey B, Davis K, Friedman D, Hainline B, Houpt K, Lieberman D, Perry P, Prüss H, Samuels MA, Small GW, Volk H, Summerfield A, Vite C, Wisniewski T, Natterson-Horowitz B. A cross-species approach to disorders affecting brain and behaviour. *Nat Rev Neurol*. 2018 Nov;14(11):677-686. doi: 10.1038/s41582-018-0074-z. Review. PubMed PMID: 30287906.
- 27: Horn SR, Shepard N, Vasquez-Montes D, Bortz CA, Segreto FA, De La Garza Ramos R, Goodwin CR, Passias PG. Chiari malformation clusters describe differing presence of concurrent anomalies based on Chiari type. *J Clin Neurosci*. 2018 Dec;58:165-171. doi: 10.1016/j.jocn.2018.06.045. Epub 2018 Sep 29. PubMed PMID: 30279122.
- 28: Brasiliense LBC, Aguilar-Salinas P, Lopes DK, Nogueira D, DeSousa K, Nelson PK, Moran CJ, Mazur MD, Taussky P, Park MS, Dabus G, Linfante I, Chaudry I, Turner RD, Spiotta AM, Turk AS, Siddiqui AH,

Levy EI, Hopkins LN, Arthur AS, Nickle C, Gonsales D, Sauvageau E, Hanel RA. Multicenter Study of Pipeline Flex for Intracranial Aneurysms. *Neurosurgery*. 2018 Sep 17. doi: 10.1093/neuros/nyy422. [Epub ahead of print] PubMed PMID: 30239959.

29: Sequeira AJ, Fara MG, Lewis A. Ethical Challenges in Acute Evaluation of Suspected Psychogenic Stroke Mimics. *J Clin Ethics*. 2018 Fall;29(3):185-190. PubMed PMID: 30226818.

30: Cianfoni A, Giamundo M, Pileggi M, Huscher K, Shapiro M, Isalberti M, Kuhlen D, Scarone P. Spinal Instrumentation Rescue with Cement Augmentation. *AJNR Am J Neuroradiol*. 2018 Oct;39(10):1957-1962. doi: 10.3174/ajnr.A5795. Epub 2018 Sep 13. PubMed PMID: 30213804.

31: Wu CC, Jain R, Radmanesh A, Poisson LM, Guo WY, Zagzag D, Snuderl M, Placantonakis DG, Golfinos J, Chi AS. Predicting Genotype and Survival in Glioma Using Standard Clinical MR Imaging Apparent Diffusion Coefficient Images: A Pilot Study from The Cancer Genome Atlas. *AJNR Am J Neuroradiol*. 2018 Oct;39(10):1814-1820. doi: 10.3174/ajnr.A5794. Epub 2018 Sep 6. PubMed PMID: 30190259.

32: Golub D, Yanai A, Darzi K, Papadopoulos J, Kaufman B. Potential consequences of high-dose infusion of ketamine for refractory status epilepticus: case reports and systematic literature review. *Anaesth Intensive Care*. 2018 Sep;46(5):516-528. Review. PubMed PMID: 30189827.

33: Iorio-Morin C, Liscak R, Vladyka V, Kano H, Jacobs RC, Lunsford LD, Cohen-Inbar O, Sheehan J, Emad R, Karim KA, El-Shehaby A, Reda WA, Lee CC, Pai FY, Wolf A, Kondziolka D, Grills I, Lee KC, Mathieu D. Repeat Stereotactic Radiosurgery for Progressive or Recurrent Vestibular Schwannomas. *Neurosurgery*. 2018 Sep 4. doi: 10.1093/neuros/nyy416. [Epub ahead of print] PubMed PMID: 30189018.

34: Lewis A. Response to Machado et al. re: Jahi McMath. *Neurocrit Care*. 2018 Dec;29(3):523-524. doi: 10.1007/s12028-018-0603-z. PubMed PMID: 30187282.

35: Dreher C, Oberhollenzer J, Meissner JE, Windschuh J, Schuenke P, Regnery S, Sahm F, Bickelhaupt S, Bendszus M, Wick W, Unterberg A, Zaiss M, Bachert P, Ladd ME, Schlemmer HP, Radbruch A, Paech D. Chemical exchange saturation transfer (CEST) signal intensity at 7T MRI of WHO IV° gliomas is dependent on the anatomic location. *J Magn Reson Imaging*. 2018 Aug 22. doi: 10.1002/jmri.26215. [Epub ahead of print] PubMed PMID: 30133046.

36: Roethlisberger M, Achermann R, Bawarjan S, Stienen MN, Fung C, D'Alonzo D, Maldaner N, Ferrari A, Corniola MV, Schöni D, Goldberg J, Valsecchi D, Robert T, Maduri R, Seule MA, Burkhardt JK, Marbacher S, Bijlenga P, Blackham KA, Bucher HC, Mariani L, Guzman R, Zumofen DW; Swiss SOS group. Impact of Aneurysm Multiplicity on Treatment and Outcome After Aneurysmal Subarachnoid Hemorrhage. *Neurosurgery*. 2018 Aug 3. doi: 10.1093/neuros/nyy331. [Epub ahead of print] PubMed PMID: 30113674.

37: Lewis A. The Legacy of Jahi McMath. *Neurocrit Care*. 2018 Dec;29(3):519-520. doi: 10.1007/s12028-018-0589-6. PubMed PMID: 30084037.

38: Shankar GM, Kirtane AR, Miller JJ, Mazdiyasni H, Rogner J, Tai T, Williams EA, Higuchi F, Juratli TA, Tateishi K, Koerner MVA, Tummala SS, Fink AL, Penson T, Schmidt SP, Wojtkiewicz GR, Baig A, Francis JM, Rinne ML, Batten JM, Batchelor TT, Brastianos PK, Curry WT Jr, Barker FG 2nd, Jordan JT, Iafrate AJ, Chi AS, Lennerz JK, Meyerson M, Langer R, Wakimoto H, Traverso G, Cahill DP. Genotype-targeted local therapy of glioma. *Proc Natl Acad Sci U S A*. 2018 Sep 4;115(36):E8388-E8394. doi: 10.1073/pnas.1805751115. Epub 2018 Aug 6. PubMed PMID: 30082399; PubMed Central PMCID: PMC6130372.

- 39: Ottenhausen M, Anetsberger S, Kleffmann J, Schuss P, Konczalla J, Krawagna M, Burkhardt JK, Reitz M, Xu R, Albers L, Ntoulas G, Meyer B, Joedicke A, Krieg SM. Risk Factors for Dropping Out of Neurosurgical Residency Programs-A Survey Study. *World Neurosurg*. 2018 Dec;120:e100-e106. doi: 10.1016/j.wneu.2018.07.195. Epub 2018 Aug 2. PubMed PMID: 30077746.
- 40: Chen CJ, Ding D, Kano H, Mathieu D, Kondziolka D, Feliciano C, Rodriguez-Mercado R, Sheehan DE, Grills IS, Barnett G, Lunsford LD, Sheehan JP. Effect of Advanced Age on Stereotactic Radiosurgery Outcomes for Brain Arteriovenous Malformations: A Multicenter Matched Cohort Study. *World Neurosurg*. 2018 Nov;119:e429-e440. doi: 10.1016/j.wneu.2018.07.178. Epub 2018 Jul 30. PubMed PMID: 30071340.
- 41: Passias PG, Horn SR, Oh C, Ramchandran S, Burton DC, Lafage V, Lafage R, Poorman GW, Steinmetz L, Segreto FA, Bortz CA, Smith JS, Ames C, Shaffrey CI, Kim HJ, Soroceanu A, Klineberg EO; International Spine Study Group (ISSG). Evaluating cervical deformity corrective surgery outcomes at 1-year using current patient-derived and functional measures: are they adequate? *J Spine Surg*. 2018 Jun;4(2):295-303. doi: 10.21037/jss.2018.05.29. PubMed PMID: 30069521; PubMed Central PMCID: PMC6046308.
- 42: Passias PG, Horn SR, Poorman GW, Daniels AH, Hamilton DK, Kim HJ, Diebo BG, Steinmetz L, Bortz CA, Segreto FA, Sciubba DM, Smith JS, Neuman BJ, Shaffrey CI, Lafage R, Lafage V, Ames C, Hart R, Mundis G, Eastlack RK, Schwab FJ; International Spine Study Group (ISSG). Clinical and radiographic presentation and treatment of patients with cervical deformity secondary to thoracolumbar proximal junctional kyphosis are distinct despite achieving similar outcomes: Analysis of 123 prospective CD cases. *J Clin Neurosci*. 2018 Oct;56:121-126. doi: 10.1016/j.jocn.2018.06.040. Epub 2018 Jul 2. PubMed PMID: 30042069.
- 43: Spilberg G, Nicola GN, Rosenkrantz AB, Silva Iii E, Schirmer CM, Ghoshhajra BB, Choradia N, Do R, Hirsch JA. Understanding the impact of 'cost' under MACRA: a neurointerventional imperative! *J Neurointerv Surg*. 2018 Oct;10(10):1005-1011. doi: 10.1136/neurintsurg-2018-013972. Epub 2018 Jul 23. Review. PubMed PMID: 30038063.
- 44: Sequeira AJ, Buchman S, Lewis A, Karceski S. Future development of a depot antiepileptic drug: What are the ethical implications? *Epilepsy Behav*. 2018 Aug;85:183-187. doi: 10.1016/j.yebeh.2018.05.020. Epub 2018 Jul 10. Review. PubMed PMID: 30032805.
- 45: Snuderl M, Kannan K, Pfaff E, Wang S, Stafford JM, Serrano J, Heguy A, Ray K, Faustin A, Aminova O, Dolgalev I, Stapleton SL, Zagzag D, Chiriboga L, Gardner SL, Wisoff JH, Golfinos JG, Capper D, Hovestadt V, Rosenblum MK, Placantonakis DG, LeBoeuf SE, Papagiannakopoulos TY, Chavez L, Ahsan S, Eberhart CG, Pfister SM, Jones DTW, Karajannis MA. Recurrent homozygous deletion of DROSHA and microduplication of PDE4DIP in pineoblastoma. *Nat Commun*. 2018 Jul 20;9(1):2868. doi: 10.1038/s41467-018-05029-3. PubMed PMID: 30030436; PubMed Central PMCID: PMC6054684.
- 46: 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, Liao 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.
- 47: Passias PG, Bortz CA, Segreto FA, Horn SR, Lafage R, Lafage V, Smith JS, Line B, Kim HJ, Eastlack

R, Hamilton DK, Protosaltis T, Hostin RA Jr, Klineberg EO, Burton DC, Hart RA, Schwab FJ, Bess S, Shaffrey CI, Ames CP; International Spine Study Group. Development of a Modified Cervical Deformity Frailty Index: A Streamlined Clinical Tool for Preoperative Risk Stratification. *Spine (Phila Pa 1976)*. 2018 Jul 12. doi: 10.1097/BRS.0000000000002778. [Epub ahead of print] PubMed PMID: 30005037.

48: Chen CJ, Ding D, Kano H, Mathieu D, Kondziolka D, Feliciano C, Rodriguez-Mercado R, Grills IS, Barnett G, Lunsford LD, Sheehan JP; International Gamma Knife Research Foundation. Stereotactic Radiosurgery for Pediatric Versus Adult Brain Arteriovenous Malformations. *Stroke*. 2018 Aug;49(8):1939-1945. doi: 10.1161/STROKEAHA.118.022052. PubMed PMID: 30002149.

49: Hidalgo ET, McQuinn MW, Wisoff JH. Regression after subtotal resection of an optic pathway glioma in an adult without adjuvant therapy: case report. *J Neurosurg*. 2018 Jun 1:1-4. doi: 10.3171/2017.12.JNS172188. [Epub ahead of print] PubMed PMID: 29999469.

50: Grobelny BT, London D, Hill TC, North E, Dugan P, Doyle WK. Betweenness centrality of intracranial electroencephalography networks and surgical epilepsy outcome. *Clin Neurophysiol*. 2018 Sep;129(9):1804-1812. doi: 10.1016/j.clinph.2018.02.135. Epub 2018 Mar 19. PubMed PMID: 29981955.

51: Lewis A, Greer D. Medicolegal Complications of Apnoea Testing for Determination of Brain Death. *J Bioeth Inq*. 2018 Sep;15(3):417-428. doi: 10.1007/s11673-018-9863-8. Epub 2018 Jul 6. PubMed PMID: 29980920.

52: Janjua MB, Tishelman JC, Vasquez-Montes D, Vaynrub M, Errico TJ, Buckland AJ, Protosaltis T. The value of sitting radiographs: analysis of spine flexibility and its utility in preoperative planning for adult spinal deformity surgery. *J Neurosurg Spine*. 2018 Oct;29(4):414-421. doi: 10.3171/2018.2.SPINE17749. Epub 2018 Jul 6. PubMed PMID: 29979136.

53: Lewis A, Lin J, James H, Hill TC, Sen R, Pacione D. Discontinuation of Postoperative Prophylactic Antibiotics After Noninstrumented Spinal Surgery: Results of a Quality Improvement Project. *Neurohospitalist*. 2018 Jul;8(3):129-134. doi: 10.1177/1941874417748542. Epub 2018 Jan 21. PubMed PMID: 29977443; PubMed Central PMCID: PMC6022904.

54: Roethlisberger M, Gut L, Zumofen DW, Fisch U, Boss O, Maldaner N, Croci DM, Taub E, Corti N, Burkhardt JK, Guzman R, Bozinov O, Mariani L. Cerebral venous thrombosis requiring invasive treatment for elevated intracranial pressure in women with combined hormonal contraceptive intake: risk factors, anatomical distribution, and clinical presentation. *Neurosurg Focus*. 2018 Jul;45(1):E12. doi: 10.3171/2018.4.FOCUS1891. PubMed PMID: 29961388.

55: Pesaran B, Vinck M, Einevoll GT, Sirota A, Fries P, Siegel M, Truccolo W, Schroeder CE, Srinivasan R. Investigating large-scale brain dynamics using field potential recordings: analysis and interpretation. *Nat Neurosci*. 2018 Jul;21(7):903-919. doi: 10.1038/s41593-018-0171-8. Epub 2018 Jun 25. Review. PubMed PMID: 29942039.

56: Hidalgo ET, Dastagirzada Y, Orillac C, Kvint S, North E, Bledea R, McQuinn MW, Redel-Traub G, Rodriguez C, Wisoff JH. Time to Resolution of Symptoms After Suboccipital Decompression with Duraplasty in Children with Chiari Malformation Type I. *World Neurosurg*. 2018 Sep;117:e544-e551. doi: 10.1016/j.wneu.2018.06.073. Epub 2018 Jun 20. PubMed PMID: 29933088.

57: Daniels AH, DePasse JM, Durand W, Hamilton DK, Passias P, Kim HJ, Protosaltis T, Reid DBC, LaFage V, Smith JS, Shaffrey C, Gupta M, Klineberg E, Schwab F, Burton D, Bess S, Ames C, Hart RA; International Spine Study Group. Rod Fracture After Apparently Solid Radiographic Fusion in Adult Spinal Deformity Patients. *World Neurosurg*. 2018 Sep;117:e530-e537. doi:

10.1016/j.wneu.2018.06.071. Epub 2018 Jun 19. PubMed PMID: 29929025.

58: Lewis A. Reconciling the Case of Jahi McMath. *Neurocrit Care*. 2018 Aug;29(1):20-22. doi: 10.1007/s12028-018-0561-5. PubMed PMID: 29923168.

59: Brastianos PK, Nayyar N, Rosebrock D, Leshchiner I, Gill CM, Livitz D, Bertalan MS, D'Andrea M, Hoang K, Aquilanti E, Chukwueke UN, Kaneb A, Chi A, Plotkin S, Gerstner ER, Frosch MP, Suva ML, Cahill DP, Getz G, Batchelor TT. Resolving the phylogenetic origin of glioblastoma via multifocal genomic analysis of pre-treatment and treatment-resistant autopsy specimens. *NPJ Precis Oncol*. 2017 Sep 18;1(1):33. doi: 10.1038/s41698-017-0035-9. eCollection 2017. PubMed PMID: 29872714; PubMed Central PMCID: PMC5871833.

60: Horn SR, Liu TC, Horowitz JA, Oh C, Bortz CA, Segreto FA, Vasquez-Montes D, Steinmetz LM, Deflorimonte C, Vira S, Diebo BG, Neuman BJ, Raad M, Sciubba DM, Lafage R, Lafage V, Hassanzadeh H, Passias PG. Clinical Impact and Economic Burden of Hospital-Acquired Conditions Following Common Surgical Procedures. *Spine (Phila Pa 1976)*. 2018 Nov 15;43(22):E1358-E1363. doi: 10.1097/BRS.0000000000002713. PubMed PMID: 29794588.

61: Doty RL, Tourbier I, Neff JK, Silas J, Turetsky B, Moberg P, Kim T, Pluta J, French J, Sharan AD, Sperling MJ, Mirza N, Risser A, Baltuch G, Detre JA. Influences of temporal lobe epilepsy and temporal lobe resection on olfaction. *J Neurol*. 2018 May 16. doi: 10.1007/s00415-018-8891-y. [Epub ahead of print] PubMed PMID: 29767353; PubMed Central PMCID: PMC6239967.

62: Ding D, Mehta GU, Patibandla MR, Lee CC, Liscak R, Kano H, Pai FY, Kosak M, Sisterson ND, Martinez-Alvarez R, Martinez-Moreno N, Mathieu D, Grills IS, Blas K, Lee K, Cifarelli CP, Katsevman GA, Lee JYK, McShane B, Kondziolka D, Lunsford LD, Vance ML, Sheehan JP. Stereotactic Radiosurgery for Acromegaly: An International Multicenter Retrospective Cohort Study. *Neurosurgery*. 2018 May 10. doi: 10.1093/neuros/nyy178. [Epub ahead of print] PubMed PMID: 29757421.

63: Bustoros M, Liechty B, Zagzag D, Liu C, Shepherd T, Gruber D, Raphael B, Placantonakis DG. A Rare Case of Composite Dural Extranodal Marginal Zone Lymphoma and Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma. *Front Neurol*. 2018 Apr 24;9:267. doi: 10.3389/fneur.2018.00267. eCollection 2018. Review. PubMed PMID: 29740389; PubMed Central PMCID: PMC5928293.

64: Paech D, Windschuh J, Oberhollenzer J, Dreher C, Sahm F, Meissner JE, Goerke S, Schuenke P, Zaiss M, Regnery S, Bickelhaupt S, Bäumer P, Bendszus M, Wick W, Unterberg A, Bachert P, Ladd ME, Schlemmer HP, Radbruch A. Assessing the predictability of IDH mutation and MGMT methylation status in glioma patients using relaxation-compensated multipool CEST MRI at 7.0 T. *Neuro Oncol*. 2018 Nov 12;20(12):1661-1671. doi: 10.1093/neuonc/noy073. PubMed PMID: 29733378; PubMed Central PMCID: PMC6231210.

65: Passias PG, Vasquez-Montes D, Poorman GW, Protosaltis T, Horn SR, Bortz CA, Segreto F, Diebo B, Ames C, Smith J, LaFage V, LaFage R, Klineberg E, Shaffrey C, Bess S, Schwab F; ISSG. Predictive model for distal junctional kyphosis after cervical deformity surgery. *Spine J*. 2018 Dec;18(12):2187-2194. doi: 10.1016/j.spinee.2018.04.017. Epub 2018 Apr 27. PubMed PMID: 29709551.

66: Lewis A, Rothstein A, Pacione D. Results of a quality improvement initiative reassessing an institutional lumbar drainage infection prevention protocol. *J Neurosurg Spine*. 2018 Jul;29(1):54-58. doi: 10.3171/2017.11.SPINE171023. Epub 2018 Apr 27. PubMed PMID: 29701568.

67: Xu Z, Mathieu D, Heroux F, Abbassy M, Barnett G, Mohammadi AM, Kano H, Caruso J, Shih HH,

Grills IS, Lee K, Krishnan S, Kaufmann AM, Lee JYK, Alonso-Basanta M, Kerr M, Pierce J, Kondziolka D, Hess JA, Gerrard J, Chiang V, Lunsford LD, Sheehan JP. Stereotactic Radiosurgery for Trigeminal Neuralgia in Patients With Multiple Sclerosis: A Multicenter Study. *Neurosurgery*. 2018 Apr 23. doi: 10.1093/neuros/nyy142. [Epub ahead of print] PubMed PMID: 29688562.

68: Horn SR, Dhillon ES, Poorman GW, Tishelman JC, Segreto FA, Bortz CA, Moon JY, Behery O, Shepard N, Diebo BG, Vira S, Passias PG. Epidemiology and national trends in prevalence and surgical management of metastatic spinal disease. *J Clin Neurosci*. 2018 Jul;53:183-187. doi: 10.1016/j.jocn.2018.04.022. Epub 2018 Apr 19. PubMed PMID: 29681425.

69: Winawer MR, Griffin NG, Samanamud J, Baugh EH, Rathakrishnan D, Ramalingam S, Zagzag D, Schevon CA, Dugan P, Hegde M, Sheth SA, McKhann GM, Doyle WK, Grant GA, Porter BE, Mikati MA, Muh CR, Malone CD, Bergin AMR, Peters JM, McBrian DK, Pack AM, Akman CI, LaCoursiere CM, Keever KM, Madsen JR, Yang E, Lidov HGW, Shain C, Allen AS, Canoll PD, Crino PB, Poduri AH, Heinzen EL. Somatic SLC35A2 variants in the brain are associated with intractable neocortical epilepsy. *Ann Neurol*. 2018 Jun;83(6):1133-1146. doi: 10.1002/ana.25243. Epub 2018 May 16. PubMed PMID: 29679388; PubMed Central PMCID: PMC6105543.

70: Andronesi OC, Arrillaga-Romany IC, Ly KI, Bogner W, Ratai EM, Reitz K, Iafrate AJ, Dietrich J, Gerstner ER, Chi AS, Rosen BR, Wen PY, Cahill DP, Batchelor TT. Pharmacodynamics of mutant-IDH1 inhibitors in glioma patients probed by in vivo 3D MRS imaging of 2-hydroxyglutarate. *Nat Commun*. 2018 Apr 16;9(1):1474. doi: 10.1038/s41467-018-03905-6. PubMed PMID: 29662077; PubMed Central PMCID: PMC5902553.

71: Maiman M, Del Bene VA, MacAllister WS, Sheldon S, Farrell E, Arce Rentería M, Slugh M, Nadkarni SS, Barr WB. Reliable Digit Span: Does it Adequately Measure Suboptimal Effort in an Adult Epilepsy Population? *Arch Clin Neuropsychol*. 2018 Apr 5. doi: 10.1093/arclin/acy027. [Epub ahead of print] PubMed PMID: 29659666.

72: Katz LM, Hielscher T, Liechty B, Silverman J, Zagzag D, Sen R, Wu P, Golfinos JG, Reuss D, Neidert MC, Wirsching HG, Baumgarten P, Herold-Mende C, Wick W, Harter PN, Weller M, von Deimling A, Snuderl M, Sen C, Sahm F. Loss of histone H3K27me3 identifies a subset of meningiomas with increased risk of recurrence. *Acta Neuropathol*. 2018 Jun;135(6):955-963. doi: 10.1007/s00401-018-1844-9. Epub 2018 Apr 7. PubMed PMID: 29627952.

73: Oravec CS, Motiwala M, Reed K, Kondziolka D, Barker FG 2nd, Michael LM 2nd, Klimo P Jr. In Reply: Big Data Research in Neurosurgery: A Critical Look at this Popular New Study Design. *Neurosurgery*. 2018 Jun 1;82(6):E188-E189. doi: 10.1093/neuros/nyy102. PubMed PMID: 29618065.

74: Steinbach JR, MacGuire J, Chang S, Dierks E, Roble GS. Assessment of pre-operative maropitant citrate use in macaque (*Macaca fascicularis* & *Macaca mulatta*) neurosurgical procedures. *J Med Primatol*. 2018 Jun;47(3):178-184. doi: 10.1111/jmp.12343. Epub 2018 Apr 2. PubMed PMID: 29611200.

75: Cucca A, Biagioni MC, Sharma K, Golomb J, Gilbert RM, Di Rocco A, Fleisher JE. Comorbid Normal Pressure Hydrocephalus with Parkinsonism: A Clinical Challenge and Call for Awareness. *Case Rep Neurol Med*. 2018 Jan 21;2018:2513474. doi: 10.1155/2018/2513474. eCollection 2018. PubMed PMID: 29610690; PubMed Central PMCID: PMC5828340.

76: Chen H, Dugan P, Chong DJ, Liu A, Doyle W, Friedman D. Application of RNS in refractory epilepsy: Targeting insula. *Epilepsia Open*. 2017 Jul 4;2(3):345-349. doi: 10.1002/epi4.12061. eCollection 2017 Sep. PubMed PMID: 29588964; PubMed Central PMCID: PMC5862125.

- 77: Habibi A, Wu SP, Gorovets D, Sansosti A, Kryger M, Beaudreault C, Chung WY, Shelton G, Silverman J, Lowy J, Kondziolka D. Early Palliative Care for Patients With Brain Metastases Decreases Inpatient Admissions and Need for Imaging Studies. *Am J Hosp Palliat Care*. 2018 Aug;35(8):1069-1075. doi: 10.1177/1049909118765405. Epub 2018 Mar 26. PubMed PMID: 29580074.
- 78: Jannetti SA, Carlucci G, Carney B, Kossatz S, Shenker L, Carter LM, Salinas B, Brand C, Sadique A, Donabedian PL, Cunanan KM, Gönen M, Ponomarev V, Zeglis BM, Souweidane MM, Lewis JS, Weber WA, Humm JL, Reiner T. PARP-1-Targeted Radiotherapy in Mouse Models of Glioblastoma. *J Nucl Med*. 2018 Aug;59(8):1225-1233. doi: 10.2967/jnumed.117.205054. Epub 2018 Mar 23. PubMed PMID: 29572254; PubMed Central PMCID: PMC6071508.
- 79: Capper D, Jones DTW, Sill M, Hovestadt V, Schrimpf D, Sturm D, Koelsche C, Sahm F, Chavez L, Reuss DE, Kratz A, Wefers AK, Huang K, Pajtler KW, Schweizer L, Stichel D, Olar A, Engel NW, Lindenberg K, Harter PN, Braczynski AK, Plate KH, Dohmen H, Garvalov BK, Coras R, Hölsken A, Hewer E, Bewerunge-Hudler M, Schick M, Fischer R, Beschorner R, Schittenhelm J, Staszewski O, Wani K, Varlet P, Pages M, Temming P, Lohmann D, Selt F, Witt H, Milde T, Witt O, Aronica E, Giangaspero F, Rushing E, Scheurlen W, Geisenberger C, Rodriguez FJ, Becker A, Preusser M, Haberler C, Bjerkvig R, Cryan J, Farrell M, Deckert M, Hench J, Frank S, Serrano J, Kannan K, Tsirigos A, Brück W, Hofer S, Brehmer S, Seiz-Rosenhagen M, Hänggi D, Hans V, Rozsnoki S, Hansford JR, Kohlhof P, Kristensen BW, Lechner M, Lopes B, Mawrin C, Ketter R, Kulozik A, Khatib Z, Heppner F, Koch A, Jouvett A, Keohane C, Mühleisen H, Mueller W, Pohl U, Prinz M, Benner A, Zapatka M, Gottardo NG, Driever PH, Kramm CM, Müller HL, Rutkowski S, von Hoff K, Frühwald MC, Gnekow A, Fleischhack G, Tippelt S, Calaminus G, Monoranu CM, Perry A, Jones C, Jacques TS, Radlwimmer B, Gessi M, Pietsch T, Schramm J, Schackert G, Westphal M, Reifenberger G, Wesseling P, Weller M, Collins VP, Blümcke I, Bendszus M, Debus J, Huang A, Jabado N, Northcott PA, Paulus W, Gajjar A, Robinson GW, Taylor MD, Jaunmuktane Z, Ryzhova M, Platten M, Unterberg A, Wick W, Karajannis MA, Mittelbronn M, Acker T, Hartmann C, Aldape K, Schüller U, Buslei R, Lichter P, Kool M, Herold-Mende C, Ellison DW, Hasselblatt M, Snuderl M, Brandner S, Korshunov A, von Deimling A, Pfister SM. DNA methylation-based classification of central nervous system tumours. *Nature*. 2018 Mar 22;555(7697):469-474. doi: 10.1038/nature26000. Epub 2018 Mar 14. PubMed PMID: 29539639; PubMed Central PMCID: PMC6093218.
- 80: Riboldi GM, Anstett K, Jain R, Lau H, Swope D. Aceruloplasminemia and putaminal cavitation. *Parkinsonism Relat Disord*. 2018 Jun;51:121-123. doi: 10.1016/j.parkreldis.2018.03.003. Epub 2018 Mar 7. PubMed PMID: 29534945.
- 81: Milano MT, Grimm J, Soltys SG, Yorke E, Moiseenko V, Tomé WA, Sahgal A, Xue J, Ma L, Solberg TD, Kirkpatrick JP, Constine LS, Flickinger JC, Marks LB, El Naqa I. Single- and Multi-Fraction Stereotactic Radiosurgery Dose Tolerances of the Optic Pathways. *Int J Radiat Oncol Biol Phys*. 2018 Jan 31. pii: S0360-3016(18)30125-1. doi: 10.1016/j.ijrobp.2018.01.053. [Epub ahead of print] PubMed PMID: 29534899.
- 82: Poorman GW, Passias PG, Qureshi R, Hassanzadeh H, Horn S, Bortz C, Segreto F, Jain A, Kelly M, Hostin R, Ames C, Smith J, LaFage V, Burton D, Bess S, Shaffrey C, Schwab F, Gupta M. Cost-utility analysis of cervical deformity surgeries using 1-year outcome. *Spine J*. 2018 Sep;18(9):1552-1557. doi: 10.1016/j.spinee.2018.01.016. Epub 2018 Feb 27. PubMed PMID: 29499339.
- 83: Lin Z, Li Y, Su P, Mao D, Wei Z, Pillai JJ, Moghekar A, van Osch M, Ge Y, Lu H. Non-contrast MR imaging of blood-brain barrier permeability to water. *Magn Reson Med*. 2018 Oct;80(4):1507-1520. doi: 10.1002/mrm.27141. Epub 2018 Mar 1. PubMed PMID: 29498097; PubMed Central PMCID: PMC6097906.

- 84: Link MJ, Kondziolka D, Samii M. Introduction. Update on the treatment of acoustic tumors. *Neurosurg Focus*. 2018 Mar;44(3):E1. doi: 10.3171/2017.12.FOCUS17785. PubMed PMID: 29490551.
- 85: Mascitelli J, Burkhardt JK, Gandhi S, Lawton MT. Contralateral Supracerebellar-Infratentorial Approach for Resection of Thalamic Cavernous Malformations. *Oper Neurosurg (Hagerstown)*. 2018 Oct 1;15(4):404-411. doi: 10.1093/ons/opy004. PubMed PMID: 29490051.
- 86: Lewis A, Howard J, Watsula-Morley A, Gillespie C. An educational initiative to improve medical student awareness about brain death. *Clin Neurol Neurosurg*. 2018 Apr;167:99-105. doi: 10.1016/j.clineuro.2018.01.036. Epub 2018 Feb 2. PubMed PMID: 29476936.
- 87: Khan NR, Saad H, Oravec CS, Rossi N, Nguyen V, Venable GT, Lillard JC, Patel P, Taylor DR, Vaughn BN, Kondziolka D, Barker FG 2nd, Michael LM 2nd, Klimo P Jr. A Review of Industry Funding in Randomized Controlled Trials Published in the Neurosurgical Literature-The Elephant in the Room. *Neurosurgery*. 2018 Nov 1;83(5):890-897. doi: 10.1093/neuros/nyx624. PubMed PMID: 29462484.
- 88: Passias PG, Horn SR, Bortz CA, Ramachandran S, Burton DC, Protopsaltis T, Lafage R, Lafage V, Diebo BG, Poorman GW, Segreto FA, Smith JS, Ames C, Shaffrey CI, Kim HJ, Neuman B, Daniels AH, Soroceanu A, Klineberg E; International Spine Study Group (ISSG). The Relationship Between Improvements in Myelopathy and Sagittal Realignment in Cervical Deformity Surgery Outcomes. *Spine (Phila Pa 1976)*. 2018 Aug;43(16):1117-1124. doi: 10.1097/BRS.0000000000002610. PubMed PMID: 29462071.
- 89: Rychen J, Croci D, Roethlisberger M, Nossek E, Potts M, Radovanovic I, Riina H, Mariani L, Guzman R, Zumofen DW. Minimally Invasive Alternative Approaches to Pterional Craniotomy: A Systematic Review of the Literature. *World Neurosurg*. 2018 May;113:163-179. doi: 10.1016/j.wneu.2018.02.016. Epub 2018 Feb 13. Review. PubMed PMID: 29452317.
- 90: Perdomo-Pantoja A, Mejía-Pérez SI, Gómez-Flores-Ramos L, Lara-Velazquez M, Orillac C, Gómez-Amador JL, Wegman-Ostrosky T. Renin angiotensin system and its role in biomarkers and treatment in gliomas. *J Neurooncol*. 2018 May;138(1):1-15. doi: 10.1007/s11060-018-2789-5. Epub 2018 Feb 16. Review. PubMed PMID: 29450812.
- 91: Kuo WT, Sista AK, Faintuch S, Dariushnia SR, Baerlocher MO, Lookstein RA, Haskal ZJ, Nikolic B, Gemmete JJ. Society of Interventional Radiology Position Statement on Catheter-Directed Therapy for Acute Pulmonary Embolism. *J Vasc Interv Radiol*. 2018 Mar;29(3):293-297. doi: 10.1016/j.jvir.2017.10.024. PubMed PMID: 29422427.
- 92: Gagner JP, Zagzag D. Probing Glioblastoma Tissue Heterogeneity with Laser Capture Microdissection. *Methods Mol Biol*. 2018;1741:209-220. doi: 10.1007/978-1-4939-7659-1_17. PubMed PMID: 29392703.
- 93: Gagner JP, Lechpammer M, Zagzag D. Induction and Assessment of Hypoxia in Glioblastoma Cells In Vitro. *Methods Mol Biol*. 2018;1741:111-123. doi: 10.1007/978-1-4939-7659-1_9. PubMed PMID: 29392695.
- 94: Lewis A, Bernat JL, Blosser S, Bonnie RJ, Epstein LG, Hutchins J, Kirschen MP, Rubin M, Russell JA, Sattin JA, Wijdicks EFM, Greer DM. An interdisciplinary response to contemporary concerns about brain death determination. *Neurology*. 2018 Feb 27;90(9):423-426. doi: 10.1212/WNL.0000000000005033. Epub 2018 Jan 31. PubMed PMID: 29386276.
- 95: Gao Y, Albert M, Young Lin LL, Lewin AA, Babb JS, Heller SL, Moy L. What Happens after a Diagnosis of High-Risk Breast Lesion at Stereotactic Vacuum-assisted Biopsy? An Observational Study

of Postdiagnosis Management and Imaging Adherence. *Radiology*. 2018 May;287(2):423-431. doi: 10.1148/radiol.2017171665. Epub 2018 Jan 29. PubMed PMID: 29378151.

96: Martinez-Ramirez D, Jimenez-Shahed J, Leckman JF, Porta M, Servello D, Meng FG, Kuhn J, Huys D, Baldermann JC, Foltynie T, Hariz MI, Joyce EM, Zrinzo L, Kefalopoulou Z, Silburn P, Coyne T, Mogilner AY, Pourfar MH, Khandhar SM, Auyeung M, Ostrem JL, Visser-Vandewalle V, Welter ML, Mallet L, Karachi C, Houeto JL, Klassen BT, Ackermans L, Kaido T, Temel Y, Gross RE, Walker HC, Lozano AM, Walter BL, Mari Z, Anderson WS, Changizi BK, Moro E, Zuber SE, Schrock LE, Zhang JG, Hu W, Rizer K, Monari EH, Foote KD, Malaty IA, Deeb W, Gunduz A, Okun MS. Efficacy and Safety of Deep Brain Stimulation in Tourette Syndrome: The International Tourette Syndrome Deep Brain Stimulation Public Database and Registry. *JAMA Neurol*. 2018 Mar 1;75(3):353-359. doi: 10.1001/jamaneurol.2017.4317. PubMed PMID: 29340590; PubMed Central PMCID: PMC5885852.

97: Wolf A, Kondziolka D. Brain metastases: radiosurgery. *Handb Clin Neurol*. 2018;149:129-135. doi: 10.1016/B978-0-12-811161-1.00010-4. PubMed PMID: 29307350.

98: Shin SM, Silverman JS, Bowden G, Mathieu D, Yang HC, Lee CC, Tam M, Szelemej P, Kaufmann AM, Cohen-Inbar O, Sheehan J, Niranjan A, Lunsford LD, Kondziolka D. Relapsed or refractory primary central nervous system lymphoma radiosurgery: Report of the International Gamma Knife Research Foundation. *J Radiosurg SBRT*. 2017;4(4):247-253. PubMed PMID: 29296450; PubMed Central PMCID: PMC5658820.

99: 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, Protopsaltis 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.

100: Schnurman Z, Golfinos JG, Roland JT Jr, Kondziolka D. Knowledge silos: assessing knowledge sharing between specialties through the vestibular schwannoma literature. *J Neurosurg*. 2017 Dec 1:1-8. doi: 10.3171/2017.6.JNS171182. [Epub ahead of print] PubMed PMID: 29192857.

101: Ramchandran S, Protopsaltis TS, Sciubba D, Scheer JK, Jalai CM, Daniels A, Passias PG, Lafage V, Kim HJ, Mundis G, Klineberg E, Hart RA, Smith JS, Shaffrey C, Ames CP; International Spine Study Group. Prospective multi-centric evaluation of upper cervical and infra-cervical sagittal compensatory alignment in patients with adult cervical deformity. *Eur Spine J*. 2018 Feb;27(2):416-425. doi: 10.1007/s00586-017-5395-x. Epub 2017 Nov 28. PubMed PMID: 29185112.

102: Wang B, Tran H, Smith MA, Kostanyan T, Schmitt SE, Bilonick RA, Jan NJ, Kagemann L, Tyler-Kabara EC, Ishikawa H, Schuman JS, Sigal IA, Wollstein G. In-vivo effects of intraocular and intracranial pressures on the lamina cribrosa microstructure. *PLoS One*. 2017 Nov 21;12(11):e0188302. doi: 10.1371/journal.pone.0188302. eCollection 2017. PubMed PMID: 29161320; PubMed Central PMCID: PMC5697865.

103: Bono OJ, Poorman GW, Foster N, Jalai CM, Horn SR, Oren J, Soroceanu A, Ramachandran S, Purvis TE, Jain D, Vira S, Diebo BG, Line B, Sciubba DM, Protopsaltis TS, Buckland AJ, Errico TJ, Lafage V, Bess S, Passias PG. Body mass index predicts risk of complications in lumbar spine surgery based on surgical invasiveness. *Spine J*. 2018 Jul;18(7):1204-1210. doi: 10.1016/j.spinee.2017.11.015. Epub 2017 Nov 16. PubMed PMID: 29155339.

104: Kano H, Meola A, Yang HC, Guo WY, Martínez-Alvarez R, Martínez-Moreno N, Urgosik D, Liscak R,

Cohen-Inbar O, Sheehan J, Lee JYK, Abbassy M, Barnett GH, Mathieu D, Kondziolka D, Lunsford LD. Stereotactic radiosurgery for jugular foramen schwannomas: an international multicenter study. *J Neurosurg*. 2018 Oct;129(4):928-936. doi: 10.3171/2017.5.JNS162894. Epub 2017 Nov 10. PubMed PMID: 29125412.

105: Fried I, Haggard P, He BJ, Schurger A. Volition and Action in the Human Brain: Processes, Pathologies, and Reasons. *J Neurosci*. 2017 Nov 8;37(45):10842-10847. doi: 10.1523/JNEUROSCI.2584-17.2017. Review. PubMed PMID: 29118213; PubMed Central PMCID: PMC5678016.

106: Teng J, Hejazi S, Hiddingh L, Carvalho L, de Gooijer MC, Wakimoto H, Barazas M, Tannous M, Chi AS, Noske DP, Wesseling P, Wurdinger T, Batchelor TT, Tannous BA. Recycling drug screen repurposes hydroxyurea as a sensitizer of glioblastomas to temozolomide targeting de novo DNA synthesis, irrespective of molecular subtype. *Neuro Oncol*. 2018 Apr 9;20(5):642-654. doi: 10.1093/neuonc/nox198. PubMed PMID: 29099956; PubMed Central PMCID: PMC5892145.

107: Hollon TC, Lewis S, Pandian B, Niknafs YS, Garrard MR, Garton H, Maher CO, McFadden K, Snuderl M, Lieberman AP, Muraszko K, Camelo-Piragua S, Orringer DA. Rapid Intraoperative Diagnosis of Pediatric Brain Tumors Using Stimulated Raman Histology. *Cancer Res*. 2018 Jan 1;78(1):278-289. doi: 10.1158/0008-5472.CAN-17-1974. Epub 2017 Nov 1. PubMed PMID: 29093006; PubMed Central PMCID: PMC5844703.

108: Nelson A, Lewis A. Determining Brain Death: Basic Approach and Controversial Issues. *Am J Crit Care*. 2017 Nov;26(6):496-500. doi: 10.4037/ajcc2017540. PubMed PMID: 29092874.

109: Lewis A, Lin J, James H, Krok AC, Zeoli N, Healy J, Lewis T, Pacione D. A single-center intervention to discontinue postoperative antibiotics after spinal fusion. *Br J Neurosurg*. 2018 Apr;32(2):177-181. doi: 10.1080/02688697.2017.1396284. Epub 2017 Nov 2. PubMed PMID: 29092639.

110: Pomeraniec IJ, Kano H, Xu Z, Nguyen B, Siddiqui ZA, Silva D, Sharma M, Radwan H, Cohen JA, Dallapiazza RF, Iorio-Morin C, Wolf A, Jane JA Jr, Grills IS, Mathieu D, Kondziolka D, Lee CC, Wu CC, Cifarelli CP, Chytka T, Barnett GH, Lunsford LD, Sheehan JP. Early versus late Gamma Knife radiosurgery following transsphenoidal surgery for nonfunctioning pituitary macroadenomas: a multicenter matched-cohort study. *J Neurosurg*. 2018 Sep;129(3):648-657. doi: 10.3171/2017.5.JNS163069. Epub 2017 Oct 27. PubMed PMID: 29076785; PubMed Central PMCID: PMC5924422.

111: Lewczuk P, Riederer P, O'Bryant SE, Verbeek MM, Dubois B, Visser PJ, Jellinger KA, Engelborghs S, Ramirez A, Parnetti L, Jack CR Jr, Teunissen CE, Hampel H, Lleó A, Jessen F, Glodzik L, de Leon MJ, Fagan AM, Molinuevo JL, Jansen WJ, Winblad B, Shaw LM, Andreasson U, Otto M, Mollenhauer B, Wiltfang J, Turner MR, Zerr I, Handels R, Thompson AG, Johansson G, Ermann N, Trojanowski JQ, Karaca I, Wagner H, Oeckl P, van Waalwijk van Doorn L, Bjerke M, Kapogiannis D, Kuiperij HB, Farotti L, Li Y, Gordon BA, Epelbaum S, Vos SJB, Klijn CJM, Van Nostrand WE, Minguillon C, Schmitz M, Gallo C, Lopez Mato A, Thibaut F, Lista S, Alcolea D, Zetterberg H, Blennow K, Kornhuber J; Members of the WFSBP Task Force Working on this Topic: Peter Riederer, Carla Gallo, Dimitrios Kapogiannis, Andrea Lopez Mato, Florence Thibaut. Cerebrospinal fluid and blood biomarkers for neurodegenerative dementias: An update of the Consensus of the Task Force on Biological Markers in Psychiatry of the World Federation of Societies of Biological Psychiatry. *World J Biol Psychiatry*. 2018 Jun;19(4):244-328. doi: 10.1080/15622975.2017.1375556. Epub 2017 Oct 27. Review. PubMed PMID: 29076399; PubMed Central PMCID: PMC5916324.

112: Lopez GY, Oberheim Bush NA, Phillips JJ, Bouffard JP, Moshel YA, Jaeckle K, Kleinschmidt-

DeMasters BK, Rosenblum MK, Perry A, Solomon DA. Diffuse midline gliomas with subclonal H3F3A K27M mutation and mosaic H3.3 K27M mutant protein expression. *Acta Neuropathol.* 2017 Dec;134(6):961-963. doi: 10.1007/s00401-017-1780-0. Epub 2017 Oct 23. PubMed PMID: 29063183; PubMed Central PMCID: PMC6078201.

113: Passias PG, Horn SR, Jalai CM, Ramchandran S, Poorman GW, Kim HJ, Smith JS, Sciubba D, Soroceanu A, Ames CP, Hamilton DK, Eastlack R, Burton D, Gupta M, Bess S, Lafage V, Schwab F. Cervical spine alignment Changes in Patients Developing Proximal Junctional Kyphosis Following Surgical Correction of Adult Spinal Deformity. *Neurosurgery.* 2018 Oct 1;83(4):675-682. doi: 10.1093/neuros/nyx479. PubMed PMID: 29040759.

114: Passias PG, Jalai CM, Lafage V, Poorman GW, Vira S, Horn SR, Scheer JK, Hamilton DK, Line BG, Bess S, Schwab FJ, Ames CP, Burton DC, Hart RA, Klineberg EO. Recovery Kinetics of Radiographic and Implant-Related Revision Patients Following Adult Spinal Deformity Surgery. *Neurosurgery.* 2018 Oct 1;83(4):700-708. doi: 10.1093/neuros/nyx490. PubMed PMID: 29029213.

115: Lewis A, Greer D. Response. *Chest.* 2017 Oct;152(4):904. doi: 10.1016/j.chest.2017.06.051. PubMed PMID: 28991548.

116: Holtzheimer PE, Husain MM, Lisanby SH, Taylor SF, Whitworth LA, McClintock S, Slavin KV, Berman J, McKhann GM, Patil PG, Rittberg BR, Abosch A, Pandurangi AK, Holloway KL, Lam RW, Honey CR, Neimat JS, Henderson JM, DeBattista C, Rothschild AJ, Pilitsis JG, Espinoza RT, Petrides G, Mogilner AY, Matthews K, Peichel D, Gross RE, Hamani C, Lozano AM, Mayberg HS. Subcallosal cingulate deep brain stimulation for treatment-resistant depression: a multisite, randomised, sham-controlled trial. *Lancet Psychiatry.* 2017 Nov;4(11):839-849. doi: 10.1016/S2215-0366(17)30371-1. Epub 2017 Oct 4. PubMed PMID: 28988904.

117: Oravec CS, Motiwala M, Reed K, Kondziolka D, Barker FG 2nd, Michael LM 2nd, Klimo P Jr. Big Data Research in Neurosurgery: A Critical Look at this Popular New Study Design. *Neurosurgery.* 2018 May 1;82(5):728-746. doi: 10.1093/neuros/nyx328. PubMed PMID: 28973512.

118: Passias PG, Jalai CM, Lafage V, Lafage R, Protopsaltis T, Ramchandran S, Horn SR, Poorman GW, Gupta M, Hart RA, Deviren V, Soroceanu A, Smith JS, Schwab F, Shaffrey CI, Ames CP; International Spine Study Group (Littleton, Colorado). Primary Drivers of Adult Cervical Deformity: Prevalence, Variations in Presentation, and Effect of Surgical Treatment Strategies on Early Postoperative Alignment. *Neurosurgery.* 2018 Oct 1;83(4):651-659. doi: 10.1093/neuros/nyx438. PubMed PMID: 28950349.

119: Safaee MM, Osorio JA, Verma K, Bess S, Shaffrey CI, Smith JS, Hart R, Deviren V, Ames CP. Proximal Junctional Kyphosis Prevention Strategies: A Video Technique Guide. *Oper Neurosurg (Hagerstown).* 2017 Oct 1;13(5):581-585. doi: 10.1093/ons/opx054. PubMed PMID: 28922883.

120: Katlowitz K, Pourfar MH, Israel Z, Mogilner AY. Intraparenchymal Cysts Following Deep Brain Stimulation: Variable Presentations and Clinical Courses. *Oper Neurosurg (Hagerstown).* 2017 Oct 1;13(5):576-580. doi: 10.1093/ons/opx037. PubMed PMID: 28922879.

121: Cohen-Inbar O, Xu Z, Lee CC, Wu CC, Chytka T, Silva D, Sharma M, Radwan H, Grills IS, Nguyen B, Siddiqui Z, Mathieu D, Iorio-Morin C, Wolf A, Cifarelli CP, Cifarelli DT, Lunsford LD, Kondziolka D, Sheehan JP. Prognostic significance of corticotroph staining in radiosurgery for Non-Functioning Pituitary Neuroendocrine Tumors: a multicenter study. *J Neurooncol.* 2017 Oct;135(1):67-74. doi: 10.1007/s11060-017-2520-y. Epub 2017 Sep 14. PubMed PMID: 28913674; PubMed Central PMCID: PMC5817983.

- 122: Latorre JGS, Flanagan S, Phipps MS, Shenoy AM, Bennett A, Seidenwurm D. Quality improvement in neurology: Stroke and Stroke Rehabilitation Quality Measurement Set update. *Neurology*. 2017 Oct 10;89(15):1619-1626. doi: 10.1212/WNL.0000000000004486. Epub 2017 Sep 13. PubMed PMID: 28904088.
- 123: McClelland S 3rd, Kim E, Passias PG, Murphy JD, Attia A, Jaboin JJ. Spinal stereotactic body radiotherapy in the United States: A decade-long nationwide analysis of patient demographics, practice patterns, and trends over time. *J Clin Neurosci*. 2017 Dec;46:109-112. doi: 10.1016/j.jocn.2017.08.007. Epub 2017 Aug 31. PubMed PMID: 28864408.
- 124: Mehta GU, Zenonos G, Patibandla MR, Lin CJ, Wolf A, Grills I, Mathieu D, McShane B, Lee JY, Blas K, Kondziolka D, Lee CC, Lunsford LD, Sheehan JP. Outcomes of stereotactic radiosurgery for foramen magnum meningiomas: an international multicenter study. *J Neurosurg*. 2018 Aug;129(2):383-389. doi: 10.3171/2017.3.JNS163008. Epub 2017 Sep 1. PubMed PMID: 28862549.
- 125: Khodagholy D, Gelineas JN, Zhao Z, Yeh M, Long M, Greenlee JD, Doyle W, Devinsky O, Buzsáki G. Organic electronics for high-resolution electrocorticography of the human brain. *Sci Adv*. 2016 Nov 9;2(11):e1601027. doi: 10.1126/sciadv.1601027. eCollection 2016 Nov. PubMed PMID: 28861464; PubMed Central PMCID: PMC5569954.
- 126: Vannemreddy PSSV, Stone JL. Sanger Brown and Edward Schäfer before Heinrich Klüver and Paul Bucy: their observations on bilateral temporal lobe ablations. *Neurosurg Focus*. 2017 Sep;43(3):E2. doi: 10.3171/2017.6.FOCUS17265. PubMed PMID: 28859570.
- 127: Roth J, Ber R, Wisoff JH, Hidalgo ET, Limbrick DD, Berger DS, Thomale UW, Schulz M, Cinalli G, Santoro C, Constantini S. Endoscopic Third Ventriculostomy in Patients with Neurofibromatosis Type 1: A Multicenter International Experience. *World Neurosurg*. 2017 Nov;107:623-629. doi: 10.1016/j.wneu.2017.08.053. Epub 2017 Aug 24. PubMed PMID: 28842232.
- 128: Jubelt LE, Goldfeld KS, Blecker SB, Chung WY, Bendo JA, Bosco JA, Errico TJ, Frempong-Boadu AK, Iorio R, Slover JD, Horwitz LI. Early Lessons on Bundled Payment at an Academic Medical Center. *J Am Acad Orthop Surg*. 2017 Sep;25(9):654-663. doi: 10.5435/JAAOS-D-16-00626. PubMed PMID: 28837458; PubMed Central PMCID: PMC6046256.
- 129: Lewis A, Adams N, Chopra A, Kirschen MP. Use of Ancillary Tests When Determining Brain Death in Pediatric Patients in the United States. *J Child Neurol*. 2017 Oct;32(12):975-980. doi: 10.1177/0883073817724697. Epub 2017 Aug 22. PubMed PMID: 28828924.
- 130: Jain A, Hassanzadeh H, Puvanesarajah V, Klineberg EO, Sciubba DM, Kelly MP, Hamilton DK, Lafage V, Buckland AJ, Passias PG, Protosaltis TS, Lafage R, Smith JS, Shaffrey CI, Kebaish KM; International Spine Study Group. Incidence of perioperative medical complications and mortality among elderly patients undergoing surgery for spinal deformity: analysis of 3519 patients. *J Neurosurg Spine*. 2017 Nov;27(5):534-539. doi: 10.3171/2017.3.SPINE161011. Epub 2017 Aug 18. PubMed PMID: 28820363.
- 131: Esaki S, Nigim F, Moon E, Luk S, Kiyokawa J, Curry W Jr, Cahill DP, Chi AS, Iafrate AJ, Martuza RL, Rabkin SD, Wakimoto H. Blockade of transforming growth factor- β signaling enhances oncolytic herpes simplex virus efficacy in patient-derived Glioblastoma recurrence models. *Int J Cancer*. 2017 Dec 1;141(11):2348-2358. doi: 10.1002/ijc.30929. Epub 2017 Aug 26. PubMed PMID: 28801914; PubMed Central PMCID: PMC5765440.
- 132: Lewis A. Contemporary Legal Updates to the Definition of Brain Death in Nevada. *JAMA Neurol*. 2017 Sep 1;74(9):1031-1032. doi: 10.1001/jamaneurol.2017.1636. PubMed PMID: 28759682.

133: Patel SH, Poisson LM, Brat DJ, Zhou Y, Cooper L, Snuderl M, Thomas C, Franceschi AM, Griffith B, Flanders AE, Golfinos JG, Chi AS, Jain R. T2-FLAIR Mismatch, an Imaging Biomarker for IDH and 1p/19q Status in Lower-grade Gliomas: A TCGA/TCIA Project. *Clin Cancer Res*. 2017 Oct 15;23(20):6078-6085. doi: 10.1158/1078-0432.CCR-17-0560. Epub 2017 Jul 27. PubMed PMID: 28751449.

134: Hamilton DK, Buza JA 3rd, Passias P, Jalai C, Kim HJ, Ailon T, Gupta M, Sciubba D, Jain A, Ames CP, Deviren V, Daniels A, Lafage V, Bess S, Klineberg E, Shaffrey CI, Smith JS, Hart R; International Spine Study Group. The Fate of Patients with Adult Spinal Deformity Incurring Rod Fracture After Thoracolumbar Fusion. *World Neurosurg*. 2017 Oct;106:905-911. doi: 10.1016/j.wneu.2017.07.061. Epub 2017 Jul 20. PubMed PMID: 28735127.

135: Gagner JP, Sarfraz Y, Ortenzi V, Alotaibi FM, Chiriboga LA, Tayyib AT, Douglas GJ, Chevalier E, Romagnoli B, Tuffin G, Schmitt M, Lemercier G, Dembowsky K, Zagzag D. Multifaceted C-X-C Chemokine Receptor 4 (CXCR4) Inhibition Interferes with Anti-Vascular Endothelial Growth Factor Therapy-Induced Glioma Dissemination. *Am J Pathol*. 2017 Sep;187(9):2080-2094. doi: 10.1016/j.ajpath.2017.04.020. Epub 2017 Jul 20. PubMed PMID: 28734730; PubMed Central PMCID: PMC5809520.

136: Marinoff AE, Ma C, Guo D, Snuderl M, Wright KD, Manley PE, Al-Sayegh H, Sinai CE, Ullrich NJ, Marcus K, Haas-Kogan D, Goumnerova L, London WB, Kieran MW, Chi SN, Fangusaro J, Bandopadhyay P. Rethinking childhood ependymoma: a retrospective, multi-center analysis reveals poor long-term overall survival. *J Neurooncol*. 2017 Oct;135(1):201-211. doi: 10.1007/s11060-017-2568-8. Epub 2017 Jul 21. PubMed PMID: 28733870; PubMed Central PMCID: PMC5658456.

137: Day AL, Siddiqui AH, Meyers PM, Jovin TG, Derdeyn CP, Hoh BL, Riina H, Linfante I, Zaidat O, Turk A, Howington JU, Mocco J, Ringer AJ, Veznedaroglu E, Khalessi AA, Levy EI, Woo H, Harbaugh R, Giannotta S. Training Standards in Neuroendovascular Surgery: Program Accreditation and Practitioner Certification. *Stroke*. 2017 Aug;48(8):2318-2325. doi: 10.1161/STROKEAHA.117.016560. Epub 2017 Jul 13. Review. PubMed PMID: 28706116.

138: Passias PG, Jalai CM, Line BG, Poorman GW, Scheer JK, Smith JS, Shaffrey CI, Burton DC, Fu KG, Klineberg EO, Hart RA, Schwab F, Lafage V, Bess S; International Spine Study Group. Patient profiling can identify patients with adult spinal deformity (ASD) at risk for conversion from nonoperative to surgical treatment: initial steps to reduce ineffective ASD management. *Spine J*. 2018 Feb;18(2):234-244. doi: 10.1016/j.spinee.2017.06.044. Epub 2017 Jul 5. PubMed PMID: 28688984.

139: Fisher RS, Helen Cross J, D'Souza C, French JA, Haut S, Higurashi N, Hirsch E, Jansen FE, Lagae L, Moshe SL, Korey SR, Purpura DP, Peltola J, Roulet Perez E, Scheffer IE, Schulze-Bonhage A, Somerville E, Sperling M, Yacubian EM, Zuberi SM. Response to the numbering of seizure types. *Epilepsia*. 2017 Jul;58(7):1300-1301. doi: 10.1111/epi.13800. PubMed PMID: 28677853.

140: Lewis A, Cahn-Fuller K, Caplan A. Shouldn't Dead Be Dead?: The Search for a Uniform Definition of Death. *J Law Med Ethics*. 2017 Mar;45(1):112-128. doi: 10.1177/1073110517703105. PubMed PMID: 28661278.

141: Protopsaltis TS, Lafage R, Vira S, Sciubba D, Soroceanu A, Hamilton K, Smith J, Passias PG, Mundis G, Hart R, Schwab F, Klineberg E, Shaffrey C, Lafage V, Ames C; International Spine Study Group. Novel Angular Measures of Cervical Deformity Account for Upper Cervical Compensation and Sagittal Alignment. *Clin Spine Surg*. 2017 Aug;30(7):E959-E967. doi: 10.1097/BSD.0000000000000554. PubMed PMID: 28650879.

142: Shafieesabet A, Fereshtehnejad SM, Shafieesabet A, Delbari A, Baradaran HR, Postuma RB, Lökk J. Hyperechogenicity of substantia nigra for differential diagnosis of Parkinson's disease: A meta-analysis. *Parkinsonism Relat Disord*. 2017 Sep;42:1-11. doi: 10.1016/j.parkreldis.2017.06.006. Epub 2017 Jun 15. Review. PubMed PMID: 28647434.

143: Cohen-Inbar O, Starke RM, Lee CC, Kano H, Huang P, Kondziolka D, Grills IS, Silva D, Abbassy M, Missios S, Barnett GH, Lunsford LD, Sheehan JP. Stereotactic Radiosurgery for Brainstem Arteriovenous Malformations: A Multicenter Study. *Neurosurgery*. 2017 Dec 1;81(6):910-920. doi: 10.1093/neuros/nyx189. PubMed PMID: 28645182.

144: Wibroe M, Cappelen J, Castor C, Clausen N, Grillner P, Gudrunardottir T, Gupta R, Gustavsson B, Heyman M, Holm S, Karppinen A, Klausen C, Lönnqvist T, Mathiasen R, Nilsson P, Nysom K, Persson K, Rask O, Schmiegelow K, Sehested A, Thomassen H, Tonning-Olsson I, Zetterqvist B, Juhler M. Cerebellar mutism syndrome in children with brain tumours of the posterior fossa. *BMC Cancer*. 2017 Jun 21;17(1):439. doi: 10.1186/s12885-017-3416-0. PubMed PMID: 28637445; PubMed Central PMCID: PMC5480181.

145: Tateishi K, Higuchi F, Miller JJ, Koerner MVA, Lelic N, Shankar GM, Tanaka S, Fisher DE, Batchelor TT, Iafrate AJ, Wakimoto H, Chi AS, Cahill DP. The Alkylating Chemotherapeutic Temozolomide Induces Metabolic Stress in IDH1-Mutant Cancers and Potentiates NAD(+) Depletion-Mediated Cytotoxicity. *Cancer Res*. 2017 Aug 1;77(15):4102-4115. doi: 10.1158/0008-5472.CAN-16-2263. Epub 2017 Jun 16. PubMed PMID: 28625978; PubMed Central PMCID: PMC5783559.

146: Lewis A, Greer D. Rebuttal From Drs Lewis and Greer. *Chest*. 2017 Oct;152(4):704-705. doi: 10.1016/j.chest.2017.05.034. Epub 2017 Jun 15. PubMed PMID: 28625582.

147: Lewis A, Greer D. POINT: Should Informed Consent Be Required for Apnea Testing in Patients With Suspected Brain Death? No. *Chest*. 2017 Oct;152(4):700-702. doi: 10.1016/j.chest.2017.05.030. Epub 2017 Jun 15. PubMed PMID: 28625581.

148: Snuderl M, Zhang G, Wu P, Jennings TS, Shroff S, Ortenzi V, Jain R, Cohen B, Reidy JJ, Dushay MS, Wisoff JH, Harter DH, Karajannis MA, Fenyo D, Neubert TA, Zagzag D. Endothelium-Independent Primitive Myxoid Vascularization Creates Invertebrate-Like Channels to Maintain Blood Supply in Optic Gliomas. *Am J Pathol*. 2017 Aug;187(8):1867-1878. doi: 10.1016/j.ajpath.2017.04.004. Epub 2017 Jun 9. PubMed PMID: 28606795; PubMed Central PMCID: PMC5530906.

149: Passias PG, Jalai CM, Smith JS, Lafage V, Diebo BG, Protopsaltis T, Poorman G, Ramchandran S, Bess S, Shaffrey CI, Ames CP, Schwab F. Characterizing Adult Cervical Deformity and Disability Based on Existing Cervical and Adult Deformity Classification Schemes at Presentation and Following Correction. *Neurosurgery*. 2018 Feb 1;82(2):192-201. doi: 10.1093/neuros/nyx175. PubMed PMID: 28575457.

150: Minhas SV, Mazmudar AS, Patel AA. Pre-operative functional status as a predictor of morbidity and mortality after elective cervical spine surgery. *Bone Joint J*. 2017 Jun;99-B(6):824-828. doi: 10.1302/0301-620X.99B6.BJJ-2016-1149.R1. PubMed PMID: 28566404.

151: Goldschmidt E, Angriman F, Agarwal N, Zhou J, Chen K, Tempel ZJ, Gerszten PC, Kanter AS, Okonkwo DO, Passias P, Scheer J, Protopsaltis T, Lafage V, Lafage R, Schwab F, Bess S, Ames C, Smith JS, Shaffrey CI, Miller E, Jain A, Neuman B, Sciubba DM, Burton D, Hamilton DK; International Spine Study Group. A Novel Tool for Deformity Surgery Planning: Determining the Magnitude of Lordotic Correction Required to Achieve a Desired Sagittal Vertical Axis. *World Neurosurg*. 2017 Aug;104:904-908.e1. doi: 10.1016/j.wneu.2017.05.086. Epub 2017 May 24. PubMed PMID: 28552696.

- 152: Grady C, Gesteira Benjamin C, Kondziolka D. Radiosurgery for dural arteriovenous malformations. *Handb Clin Neurol.* 2017;143:125-131. doi: 10.1016/B978-0-444-63640-9.00012-6. Review. PubMed PMID: 28552134.
- 153: Lewis A, Greer D. Current controversies in brain death determination. *Nat Rev Neurol.* 2017 Aug;13(8):505-509. doi: 10.1038/nrneurol.2017.72. Epub 2017 May 26. Review. PubMed PMID: 28548107.
- 154: Wolf A, Donahue B, Silverman JS, Chachoua A, Lee JK, Kondziolka D. Stereotactic radiosurgery for focal leptomeningeal disease in patients with brain metastases. *J Neurooncol.* 2017 Aug;134(1):139-143. doi: 10.1007/s11060-017-2497-6. Epub 2017 May 23. PubMed PMID: 28536993.
- 155: Passias PG, Horn SR, Jalai CM, Poorman G, Bono OJ, Ramchandran S, Smith JS, Scheer JK, Sciubba DM, Hamilton DK, Mundis G, Oh C, Klineberg EO, Lafage V, Shaffrey CI, Ames CP; International Spine Study Group. Comparative analysis of perioperative complications between a multicenter prospective cervical deformity database and the Nationwide Inpatient Sample database. *Spine J.* 2017 Nov;17(11):1633-1640. doi: 10.1016/j.spinee.2017.05.018. Epub 2017 May 17. PubMed PMID: 28527757.
- 156: Wolf A, Tyburczy A, Ye JC, Fatterpekar G, Silverman JS, Kondziolka D. The relationship of dose to nerve volume in predicting pain recurrence after stereotactic radiosurgery in trigeminal neuralgia. *J Neurosurg.* 2018 Mar;128(3):891-896. doi: 10.3171/2016.12.JNS161862. Epub 2017 May 19. PubMed PMID: 28524797.
- 157: Ueda Y, Teshima T, Cárdenes H, Das IJ. Evaluation of initial setup errors of two immobilization devices for lung stereotactic body radiation therapy (SBRT). *J Appl Clin Med Phys.* 2017 Jul;18(4):62-68. doi: 10.1002/acm2.12093. Epub 2017 May 14. PubMed PMID: 28503898; PubMed Central PMCID: PMC5874811.
- 158: Sequeira AL, Lewis A. Ethical and Legal Considerations in the Management of an Unbefriended Patient in a Vegetative State. *Neurocrit Care.* 2017 Oct;27(2):173-179. doi: 10.1007/s12028-017-0405-8. PubMed PMID: 28484927.
- 159: Lewis A, Adams N, Chopra A, Kirschen MP. Organ Support After Death by Neurologic Criteria in Pediatric Patients. *Crit Care Med.* 2017 Sep;45(9):e916-e924. doi: 10.1097/CCM.0000000000002452. PubMed PMID: 28471816.
- 160: Lafage R, Line BG, Gupta S, Liabaud B, Schwab F, Smith JS, Gum JL, Ames CP, Hostin R, Mundis GM Jr, Kim HJ, Bess S, Klineberg E, Lafage V; International Spine Study Group (ISSG). Orientation of the Upper-most Instrumented Segment Influences Proximal Junctional Disease Following Adult Spinal Deformity Surgery. *Spine (Phila Pa 1976).* 2017 Oct 15;42(20):1570-1577. doi: 10.1097/BRS.0000000000002191. PubMed PMID: 28441306.
- 161: Ding D, Starke RM, Kano H, Lee JYK, Mathieu D, Pierce J, Huang P, Missios S, Feliciano C, Rodriguez-Mercado R, Almodovar L, Grills IS, Silva D, Abbassy M, Kondziolka D, Barnett GH, Lunsford LD, Sheehan JP. Radiosurgery for Unruptured Brain Arteriovenous Malformations: An International Multicenter Retrospective Cohort Study. *Neurosurgery.* 2017 Jun 1;80(6):888-898. doi: 10.1093/neuros/nyx181. PubMed PMID: 28431024.
- 162: Goldschmidt E, Angriman F, Ferreyro B, Agarwal N, Zhou J, Chen K, Tempel ZJ, Gerszten PC, Kanter AS, Okonkwo DO, Passias P, Scheer J, Protosaltis T, Lafage V, Lafage R, Schwab F, Bess S, Ames C, Smith JS, Burton D, Hamilton DK. Design and Testing of 2 Novel Scores That Predict Global Sagittal Alignment Utilizing Cervical or Lumbar Plain Radiographs. *Neurosurgery.* 2018 Feb

1;82(2):163-171. doi: 10.1093/neuros/nyx178. PubMed PMID: 28419292.

163: Janjua MB, Zhou PL, Greenfield JP, Baaj AA, Frempong-Boadu A. C2 and Greater Occipital Nerve: The Anatomic and Functional Implications in Spinal Surgery. *Cureus*. 2017 Mar 3;9(3):e1074. doi: 10.7759/cureus.1074. PubMed PMID: 28409074; PubMed Central PMCID: PMC5378473.

164: Chen H, Judkins J, Thomas C, Wu M, Khoury L, Benjamin CG, Pacione D, Golfinos JG, Kumthekar P, Ghamsari F, Chen L, Lein P, Chetkovich DM, Snuderl M, Horbinski C. Mutant IDH1 and seizures in patients with glioma. *Neurology*. 2017 May 9;88(19):1805-1813. doi: 10.1212/WNL.0000000000003911. Epub 2017 Apr 12. PubMed PMID: 28404805; PubMed Central PMCID: PMC5419985.

165: Akers A, Al-Shahi Salman R, A Awad I, Dahlem K, Flemming K, Hart B, Kim H, Jusue-Torres I, Kondziolka D, Lee C, Morrison L, Rigamonti D, Rebeiz T, Tournier-Lasserre E, Waggoner D, Whitehead K. Synopsis of Guidelines for the Clinical Management of Cerebral Cavernous Malformations: Consensus Recommendations Based on Systematic Literature Review by the Angioma Alliance Scientific Advisory Board Clinical Experts Panel. *Neurosurgery*. 2017 May 1;80(5):665-680. doi: 10.1093/neuros/nyx091. Review. PubMed PMID: 28387823; PubMed Central PMCID: PMC5808153.

166: Dowd RS, Pourfar M, Mogilner AY. Deep brain stimulation for Tourette syndrome: a single-center series. *J Neurosurg*. 2018 Feb;128(2):596-604. doi: 10.3171/2016.10.JNS161573. Epub 2017 Apr 7. PubMed PMID: 28387621.

167: Oliver KL, Franceschetti S, Milligan CJ, Muona M, Mandelstam SA, Canafoglia L, Boguszezewska-Chachulska AM, Korczyn AD, Bisulli F, Di Bonaventura C, Ragona F, Michelucci R, Ben-Zeev B, Straussberg R, Panzica F, Massano J, Friedman D, Crespel A, Engelsen BA, Andermann F, Andermann E, Spodar K, Lasek-Bal A, Riguzzi P, Pasini E, Tinuper P, Licchetta L, Gardella E, Lindenau M, Wulf A, Møller RS, Benninger F, Afawi Z, Rubboli G, Reid CA, Maljevic S, Lerche H, Lehesjoki AE, Petrou S, Berkovic SF. Myoclonus epilepsy and ataxia due to KCNC1 mutation: Analysis of 20 cases and K(+) channel properties. *Ann Neurol*. 2017 May;81(5):677-689. doi: 10.1002/ana.24929. PubMed PMID: 28380698.

168: Becske T, Brinjikji W, Potts MB, Kallmes DF, Shapiro M, Moran CJ, Levy EI, McDougall CG, Szikora I, Lanzino G, Woo HH, Lopes DK, Siddiqui AH, Albuquerque FC, Fiorella DJ, Saatci I, Cekirge SH, Berez AL, Cher DJ, Berentei Z, Marosfoi M, Nelson PK. Long-Term Clinical and Angiographic Outcomes Following Pipeline Embolization Device Treatment of Complex Internal Carotid Artery Aneurysms: Five-Year Results of the Pipeline for Uncoilable or Failed Aneurysms Trial. *Neurosurgery*. 2017 Jan 1;80(1):40-48. doi: 10.1093/neuros/nyw014. PubMed PMID: 28362885.

169: Ding D, Starke RM, Kano H, Mathieu D, Huang PP, Kondziolka D, Feliciano C, Rodriguez-Mercado R, Almodovar L, Grills IS, Silva D, Abbassy M, Missios S, Barnett GH, Lunsford LD, Sheehan JP. Stereotactic Radiosurgery for ARUBA (A Randomized Trial of Unruptured Brain Arteriovenous Malformations)-Eligible Spetzler-Martin Grade I and II Arteriovenous Malformations: A Multicenter Study. *World Neurosurg*. 2017 Jun;102:507-517. doi: 10.1016/j.wneu.2017.03.061. Epub 2017 Mar 23. PubMed PMID: 28344176.

170: Jalai CM, Wang C, Marascalchi BJ, Horn SR, Poorman GW, Bono OJ, Frempong-Boadu AK, Passias PG. Trends in the presentation, surgical treatment, and outcomes of tethered cord syndrome: A nationwide study from 2001 to 2010. *J Clin Neurosci*. 2017 Jul;41:92-97. doi: 10.1016/j.jocn.2017.03.034. Epub 2017 Mar 22. PubMed PMID: 28342704.

171: van Helmond N, Kardaszewski CN, Chapman KB. Cervical Retrograde Spinal Cord Stimulation

Lead Placement to Treat Failed Back Surgery Syndrome: A Case Report. A A Case Rep. 2017 Jun 15;8(12):334-336. doi: 10.1213/XAA.0000000000000506. PubMed PMID: 28328589.

172: Chiu AH, De Vries J, O'Kelly CJ, Riina H, McDougall I, Tippet J, Wan M, de Oliveira Manoel AL, Marotta TR. The second-generation eCLIPs Endovascular Clip System: initial experience. J Neurosurg. 2018 Feb;128(2):482-489. doi: 10.3171/2016.10.JNS161731. Epub 2017 Mar 17. PubMed PMID: 28304190.

173: Marotta TR, Riina HA, McDougall I, Ricci DR, Killer-Oberpfalzer M. Physiological remodeling of bifurcation aneurysms: preclinical results of the eCLIPs device. J Neurosurg. 2018 Feb;128(2):475-481. doi: 10.3171/2016.10.JNS162024. Epub 2017 Mar 17. PubMed PMID: 28304189.

174: Walter WR, Burke CJ, Adler RS. Ultrasound-guided therapeutic injections for neural pathology about the foot and ankle: a 4 year retrospective review. Skeletal Radiol. 2017 Jun;46(6):795-803. doi: 10.1007/s00256-017-2624-7. Epub 2017 Mar 16. PubMed PMID: 28303298.

175: Wolf A, Kvint S, Chachoua A, Pavlick A, Wilson M, Donahue B, Golfinos JG, Silverman J, Kondziolka D. Toward the complete control of brain metastases using surveillance screening and stereotactic radiosurgery. J Neurosurg. 2018 Jan;128(1):23-31. doi: 10.3171/2016.10.JNS161036. Epub 2017 Feb 17. PubMed PMID: 28298015.

176: Do H, Kshetry VR, Siu A, Belinsky I, Farrell CJ, Nyquist G, Rosen M, Evans JJ. Extent of Resection, Visual, and Endocrinologic Outcomes for Endoscopic Endonasal Surgery for Recurrent pituitary neuroendocrine tumors. World Neurosurg. 2017 Jun;102:35-41. doi: 10.1016/j.wneu.2017.02.131. Epub 2017 Mar 9. PubMed PMID: 28286277.

177: Katlowitz KA, Oya H, Howard MA 3rd, Greenlee JDW, Long MA. Paradoxical vocal changes in a trained singer by focally cooling the right superior temporal gyrus. Cortex. 2017 Apr;89:111-119. doi: 10.1016/j.cortex.2017.01.024. Epub 2017 Feb 20. PubMed PMID: 28282570; PubMed Central PMCID: PMC5421518.

178: Fisher RS, Cross JH, D'Souza C, French JA, Haut SR, Higurashi N, Hirsch E, Jansen FE, Lagae L, Moshé SL, Peltola J, Roulet Perez E, Scheffer IE, Schulze-Bonhage A, Somerville E, Sperling M, Yacubian EM, Zuberi SM. Instruction manual for the ILAE 2017 operational classification of seizure types. Epilepsia. 2017 Apr;58(4):531-542. doi: 10.1111/epi.13671. Epub 2017 Mar 8. PubMed PMID: 28276064.

179: Lafage R, Schwab F, Glassman S, Bess S, Harris B, Sheer J, Hart R, Line B, Henry J, Burton D, Kim H, Klineberg E, Ames C, Lafage V; International Spine Study Group. Age-Adjusted Alignment Goals Have the Potential to Reduce PJK. Spine (Phila Pa 1976). 2017 Sep 1;42(17):1275-1282. doi: 10.1097/BRS.0000000000002146. PubMed PMID: 28263226.

180: Ledonio CG, Burton DC, Crawford CH 3rd, Bess RS, Buchowski JM, Hu SS, Lonner BS, Polly DW Jr, Smith JS, Sanders JO. Current Evidence Regarding Diagnostic Imaging Methods for Pediatric Lumbar Spondylolysis: A Report From the Scoliosis Research Society Evidence-Based Medicine Committee. Spine Deform. 2017 Mar;5(2):97-101. doi: 10.1016/j.jspd.2016.10.006. Review. PubMed PMID: 28259272.

181: Gupta VP, Garton ALA, Sisti JA, Christophe BR, Lord AS, Lewis AK, Frey HP, Claassen J, Connolly ES Jr. Prognosticating Functional Outcome After Intracerebral Hemorrhage: The ICHOP Score. World Neurosurg. 2017 May;101:577-583. doi: 10.1016/j.wneu.2017.02.082. Epub 2017 Feb 27. PubMed PMID: 28242488; PubMed Central PMCID: PMC5441945.

- 182: Golinko MS, Harter DH, Rickert S, Staffenberg DA. Cerebrospinal Fluid Fistula for the Craniofacial Surgeon: A Review and Management Paradigm. *J Craniofac Surg*. 2017 Feb 23. doi: 10.1097/SCS.0000000000003148. [Epub ahead of print] PubMed PMID: 28234640.
- 183: Diebo BG, Gammal I, Ha Y, Yoon SH, Chang JW, Kim B, Matsumoto M, Yamato Y, Takeuchi D, Hosogane N, Yagi M, Taneichi H, Schwab F, Lafage V, Ames C; International Spine Study Group (ISSG). Role of Ethnicity in Alignment Compensation: Propensity Matched Analysis of Differential Compensatory Mechanism Recruitment Patterns for Sagittal Malalignment in 288 ASD Patients From Japan, Korea, and United States. *Spine (Phila Pa 1976)*. 2017 Feb 15;42(4):E234-E240. doi: 10.1097/BRS.0000000000001744. PubMed PMID: 28207663.
- 184: Hainline C, Rucker JC, Zagzag D, Golfinos JG, Lui YW, Liechty B, Warren FA, Balcer LJ, Galetta SL. Tumoral Presentation of Homonymous Hemianopia and Prosopagnosia in Cerebral Amyloid Angiopathy-Related Inflammation. *J Neuroophthalmol*. 2017 Mar;37(1):48-52. doi: 10.1097/WNO.0000000000000474. PubMed PMID: 28187081.
- 185: Lafage R, Bess S, Glassman S, Ames C, Burton D, Hart R, Kim HJ, Klineberg E, Henry J, Line B, Scheer J, Protopsaltis T, Schwab F, Lafage V; International Spine Study Group. Virtual Modeling of Postoperative Alignment After Adult Spinal Deformity Surgery Helps Predict Associations Between Compensatory Spinopelvic Alignment Changes, Overcorrection, and Proximal Junctional Kyphosis. *Spine (Phila Pa 1976)*. 2017 Oct 1;42(19):E1119-E1125. doi: 10.1097/BRS.0000000000002116. PubMed PMID: 28187069.
- 186: Patel SH, Halpern CH, Shepherd TM, Timpone VM. Electrostimulation and monitoring devices of the CNS: An imaging review. *J Neuroradiol*. 2017 Jun;44(3):175-184. doi: 10.1016/j.neurad.2016.12.005. Epub 2017 Feb 7. Review. PubMed PMID: 28185669.
- 187: Stacchiotti S, Gronchi A, Fossati P, Akiyama T, Alapetite C, Baumann M, Blay JY, Bolle S, Boriani S, Bruzzi P, Capanna R, Caraceni A, Casadei R, Colia V, Debus J, Delaney T, Desai A, Dileo P, Dijkstra S, Doglietto F, Flanagan A, Froelich S, Gardner PA, Gelderblom H, Gokaslan ZL, Haas R, Heery C, Hindi N, Hohenberger P, Hornicek F, Imai R, Jeys L, Jones RL, Kasper B, Kawai A, Krengli M, Leithner A, Logowska I, Martin Broto J, Mazzatenta D, Morosi C, Nicolai P, Norum OJ, Patel S, Penel N, Picci P, Pilotti S, Radaelli S, Ricchini F, Rutkowski P, Scheipl S, Sen C, Tamborini E, Thornton KA, Timmermann B, Torri V, Tunn PU, Uhl M, Yamada Y, Weber DC, Vanel D, Varga PP, Vleggeert-Lankamp CLA, Casali PG, Sommer J. Best practices for the management of local-regional recurrent chordoma: a position paper by the Chordoma Global Consensus Group. *Ann Oncol*. 2017 Jun 1;28(6):1230-1242. doi: 10.1093/annonc/mdx054. Review. PubMed PMID: 28184416; PubMed Central PMCID: PMC5452071.
- 188: Tran H, Grimm J, Wang B, Smith MA, Gogola A, Nelson S, Tyler-Kabara E, Schuman J, Wollstein G, Sigal IA. Mapping in-vivo optic nerve head strains caused by intraocular and intracranial pressures. *Proc SPIE Int Soc Opt Eng*. 2017 Feb;10067. pii: 100670B. doi: 10.1117/12.2257360. PubMed PMID: 29618852; PubMed Central PMCID: PMC5880553.
- 189: Burke CJ, Adler RS. Tibial Nerve Block Using an Ultrasound-Guided Inframalleolar Medial Plantar Nerve Perineural Injection: A Technical Note. *J Clin Ultrasound*. 2017 Mar 4;45(3):134-137. doi: 10.1002/jcu.22446. Epub 2017 Jan 25. PubMed PMID: 28121019.
- 190: Gomez JA, Lafage V, Scuibba DM, Bess S, Mundis GM Jr, Liabaud B, Hanstein R, Shaffrey C, Kelly M, Ames C, Smith JS, Passias PG, Errico T, Schwab F; International Spine Study Group. Adult Scoliosis Deformity Surgery: Comparison of Outcomes Between One Versus Two Attending Surgeons. *Spine (Phila Pa 1976)*. 2017 Jul 1;42(13):992-998. doi: 10.1097/BRS.0000000000002071. PubMed PMID: 28098740.

- 191: McClelland S 3rd, Marascalchi BJ, Passias PG, Protopsaltis TS, Frempong-Boadu AK, Errico TJ. Operative fusion of multilevel cervical spondylotic myelopathy: Impact of patient demographics. *J Clin Neurosci*. 2017 May;39:133-136. doi: 10.1016/j.jocn.2016.12.027. Epub 2017 Jan 10. PubMed PMID: 28087188.
- 192: Lewis A, Pope TM. Physician Power to Declare Death by Neurologic Criteria Threatened. *Neurocrit Care*. 2017 Jun;26(3):446-449. doi: 10.1007/s12028-017-0375-x. PubMed PMID: 28078616.
- 193: Katz JS, Frankel H, Ma T, Zagzag D, Liechty B, Zeev BB, Tzadok M, Devinsky O, Weiner HL, Roth J. Unique findings of subependymal giant cell astrocytoma within cortical tubers in patients with tuberous sclerosis complex: a histopathological evaluation. *Childs Nerv Syst*. 2017 Apr;33(4):601-607. doi: 10.1007/s00381-017-3335-z. Epub 2017 Jan 10. PubMed PMID: 28074282.
- 194: Buckland AJ, Poorman G, Freitag R, Jalai C, Klineberg EO, Kelly M, Passias PG. National Administrative Databases in Adult Spinal Deformity Surgery: A Cautionary Tale. *Spine (Phila Pa 1976)*. 2017 Aug 15;42(16):1248-1254. doi: 10.1097/BRS.0000000000002064. PubMed PMID: 28067697.
- 195: Yaghi S, Herber C, Boehme AK, Andrews H, Willey JZ, Rostanski SK, Siket M, Jayaraman MV, McTaggart RA, Furie KL, Marshall RS, Lazar RM, Boden-Albala B. The Association between Diffusion MRI-Defined Infarct Volume and NIHSS Score in Patients with Minor Acute Stroke. *J Neuroimaging*. 2017 Jul;27(4):388-391. doi: 10.1111/jon.12423. Epub 2017 Jan 9. PubMed PMID: 28066971; PubMed Central PMCID: PMC5518742.
- 196: Potts MB, Shapiro M, Zumofen DW, Raz E, Nossek E, DeSousa KG, Becske T, Riina HA, Nelson PK. Parent vessel occlusion after Pipeline embolization of cerebral aneurysms of the anterior circulation. *J Neurosurg*. 2017 Dec;127(6):1333-1341. doi: 10.3171/2016.9.JNS152638. Epub 2017 Jan 6. PubMed PMID: 28059658.
- 197: Iorio R. The Role of Liposomal Bupivacaine in Value-Based Care. *Am J Orthop (Belle Mead NJ)*. 2016 Nov/Dec;45(7):S13-S17. PubMed PMID: 28005125.
- 198: Mansouri A, Witiw CD, Badhiwala JH, Nassiri F, McDonald PJ, Kulkarni AV, Zadeh G, Kondziolka D. National Perspectives on the Training of Neurosurgery Residents in Stereotactic Radiosurgery. *Can J Neurol Sci*. 2017 Jan;44(1):51-58. doi: 10.1017/cjn.2016.314. PubMed PMID: 28004631.
- 199: Djebbar S, Rossi IM, Adler RS. Ultrasound-Guided Cryoanalgesia of Peripheral Nerve Lesions. *Semin Musculoskelet Radiol*. 2016 Nov;20(5):461-471. doi: 10.1055/s-0036-1596063. Epub 2016 Dec 21. Review. PubMed PMID: 28002868.
- 200: Zumofen DW, Rychen J, Roethlisberger M, Taub E, Kalbermatten D, Nossek E, Potts M, Guzman R, Riina HA, Mariani L. A Review of the Literature on the Transciliary Supraorbital Keyhole Approach. *World Neurosurg*. 2017 Feb;98:614-624. doi: 10.1016/j.wneu.2016.10.110. Epub 2016 Oct 27. Review. PubMed PMID: 27989977.
- 201: Harris BY, Roth MF, Diebo BG, Bess S, Theologis AA, Scheer JK, Schwab FJ, Lafage V, Ames CP, Hodes R, Ayamga J, Boachie-Adjei O; International Spine Study Group. Investigating the Universality of Preoperative Health-Related Quality of Life (HRQoL) for Surgically Treated Spinal Deformity in Young Adults: A Propensity Score-Matched Comparison Between African and US Populations. *Spine Deform*. 2016 Sep;4(5):351-357. doi: 10.1016/j.jspd.2016.03.006. Epub 2016 Aug 21. PubMed PMID: 27927492.
- 202: Deeb W, Giordano JJ, Rossi PJ, Mogilner AY, Gunduz A, Judy JW, Klassen BT, Butson CR, Van Horne C, Deny D, Dougherty DD, Rowell D, Gerhardt GA, Smith GS, Ponce FA, Walker HC, Bronte-Stewart

HM, Mayberg HS, Chizeck HJ, Langevin JP, Volkmann J, Ostrem JL, Shute JB, Jimenez-Shahed J, Foote KD, Wagle Shukla A, Rossi MA, Oh M, Pourfar M, Rosenberg PB, Silburn PA, de Hemptine C, Starr PA, Denison T, Akbar U, Grill WM, Okun MS. Proceedings of the Fourth Annual Deep Brain Stimulation Think Tank: A Review of Emerging Issues and Technologies. *Front Integr Neurosci*. 2016 Nov 22;10:38. eCollection 2016. PubMed PMID: 27920671; PubMed Central PMCID: PMC5119052.

203: Starke RM, Ding D, Kano H, Mathieu D, Huang PP, Feliciano C, Rodriguez-Mercado R, Almodovar L, Grills IS, Silva D, Abbassy M, Missios S, Kondziolka D, Barnett GH, Dade Lunsford L, Sheehan JP. International multicenter cohort study of pediatric brain arteriovenous malformations. Part 2: Outcomes after stereotactic radiosurgery. *J Neurosurg Pediatr*. 2017 Feb;19(2):136-148. doi: 10.3171/2016.9.PEDS16284. Epub 2016 Dec 2. PubMed PMID: 27911249.

204: Ding D, Starke RM, Kano H, Mathieu D, Huang PP, Feliciano C, Rodriguez-Mercado R, Almodovar L, Grills IS, Silva D, Abbassy M, Missios S, Kondziolka D, Barnett GH, Dade Lunsford L, Sheehan JP. International multicenter cohort study of pediatric brain arteriovenous malformations. Part 1: Predictors of hemorrhagic presentation. *J Neurosurg Pediatr*. 2017 Feb;19(2):127-135. doi: 10.3171/2016.9.PEDS16283. Epub 2016 Dec 2. PubMed PMID: 27911248.

205: Varelas PN, Lewis A. Modern Approach to Brain Death. *Semin Neurol*. 2016 Dec;36(6):625-630. Epub 2016 Dec 1. Review. PubMed PMID: 27907967.

206: Barker FG 2nd, Fahlbusch R, Schwartz TH, Wisoff JH. Introduction: Craniopharyngioma: current and emerging treatment modalities. *Neurosurg Focus*. 2016 Dec;41(6):E1. PubMed PMID: 27903127.

207: Steinberg GK, Kondziolka D, Bates D; SB623 Stroke Phase 1/2A Study Group. Response by Steinberg et al to Letter Regarding Article, "Clinical Outcomes of Transplanted Modified Bone Marrow-Derived Mesenchymal Stem Cells in Stroke: A Phase 1/2A Study". *Stroke*. 2016 Dec;47(12):e269. Epub 2016 Nov 15. PubMed PMID: 27895304.

208: Lewis A, Caplan A. Response to a trial on reversal of Death by Neurologic Criteria. *Crit Care*. 2016 Nov 22;20(1):377. PubMed PMID: 27871305; PubMed Central PMCID: PMC5118884.

209: Ricci DR, Marotta TR, Riina HA, Wan M, De Vries J. A training paradigm to enhance performance and safe use of an innovative neuroendovascular device. *J Mark Access Health Policy*. 2016 Nov 9;4. doi: 10.3402/jmahp.v4.33248. eCollection 2016. PubMed PMID: 27867466; PubMed Central PMCID: PMC5105320.

210: Achanta P, Steranka JP, Tang Z, Rodić N, Sharma R, Yang WR, Ma S, Grivainis M, Huang CRL, Schneider AM, Gallia GL, Riggins GJ, Quinones-Hinojosa A, Fenyő D, Boeke JD, Burns KH. Somatic retrotransposition is infrequent in glioblastomas. *Mob DNA*. 2016 Nov 11;7:22. doi: 10.1186/s13100-016-0077-5. eCollection 2016. PubMed PMID: 27843500; PubMed Central PMCID: PMC5105304.

211: Pacione D, Tanweer O, Berman P, Harter DH. The utility of a multimaterial 3D printed model for surgical planning of complex deformity of the skull base and craniovertebral junction. *J Neurosurg*. 2016 Nov;125(5):1194-1197. Epub 2016 Mar 4. PubMed PMID: 26943848.

212: Theologis AA, Mundis GM Jr, Nguyen S, Okonkwo DO, Mummaneni PV, Smith JS, Shaffrey CI, Fessler R, Bess S, Schwab F, Diebo BG, Burton D, Hart R, Deviren V, Ames C; for the International Spine Study Group. Utility of multilevel lateral interbody fusion of the thoracolumbar coronal curve apex in adult deformity surgery in combination with open posterior instrumentation and L5-S1 interbody fusion: a case-matched evaluation of 32 patients. *J Neurosurg Spine*. 2017 Feb;26(2):208-219. doi: 10.3171/2016.8.SPINE151543. Epub 2016 Oct 21. PubMed PMID: 27767682.

- 213: Andreae MH, Atchabahian A, McCrillis AM, Chao JY, Suzuki S, Shinnar S, Hall CB, Lipton RB. Regional versus general anaesthesia for improved cognitive function after procedures other than cardiac surgery or neurosurgery in adult and paediatric patients. *Cochrane Database Syst Rev*. 2016;2016(6). pii: CD008737. Epub 2016 Jun 22. PubMed PMID: 27746701; PubMed Central PMCID: PMC5063242.
- 214: Becske T, Potts MB, Shapiro M, Kallmes DF, Brinjikji W, Saatci I, McDougall CG, Szikora I, Lanzino G, Moran CJ, Woo HH, Lopes DK, Berez AL, Cher DJ, Siddiqui AH, Levy EI, Albuquerque FC, Fiorella DJ, Berentei Z, Marosfői M, Cekirge SH, Nelson PK. Pipeline for uncoilable or failed aneurysms: 3-year follow-up results. *J Neurosurg*. 2017 Jul;127(1):81-88. doi: 10.3171/2015.6.JNS15311. Epub 2016 Oct 14. PubMed PMID: 27739944.
- 215: Hidalgo ET, Weiner HL. Surgery for epileptogenic cerebral dysplasia in children. *Dev Med Child Neurol*. 2017 Mar;59(3):270-275. doi: 10.1111/dmcn.13292. Epub 2016 Oct 11. Review. PubMed PMID: 27730624.
- 216: Lewis A, Czeisler BM, Lord AS. Prolonged prophylactic antibiotics with neurosurgical drains and devices: Are we using them? Do we need them? *Am J Infect Control*. 2016 Dec 1;44(12):1757-1758. doi: 10.1016/j.ajic.2016.06.039. Epub 2016 Oct 6. PubMed PMID: 27720508.
- 217: Cohen-Inbar O, Starke RM, Kano H, Bowden G, Huang P, Rodriguez-Mercado R, Almodovar L, Grills IS, Mathieu D, Silva D, Abbassy M, Missios S, Lee JYK, Barnett GH, Kondziolka D, Lunsford LD, Sheehan JP. Stereotactic radiosurgery for cerebellar arteriovenous malformations: an international multicenter study. *J Neurosurg*. 2017 Sep;127(3):512-521. doi: 10.3171/2016.7.JNS161208. Epub 2016 Sep 30. PubMed PMID: 27689461.
- 218: Cohen-Inbar O, Starke RM, Paisan G, Kano H, Huang PP, Rodriguez-Mercado R, Almodovar L, Grills IS, Mathieu D, Silva D, Abbassy M, Missios S, Lee JYK, Barnett GH, Kondziolka D, Lunsford LD, Sheehan JP. Early versus late arteriovenous malformation responders after stereotactic radiosurgery: an international multicenter study. *J Neurosurg*. 2017 Sep;127(3):503-511. doi: 10.3171/2016.7.JNS161194. Epub 2016 Sep 23. PubMed PMID: 27662534.
- 219: Hilz MJ, Moeller S, Buechner S, Czarkowska H, Ayappa I, Axelrod FB, Rapoport DM. Obstructive Sleep-Disordered Breathing Is More Common than Central in Mild Familial Dysautonomia. *J Clin Sleep Med*. 2016 Dec 15;12(12):1607-1614. doi: 10.5664/jcsm.6342. PubMed PMID: 27655467; PubMed Central PMCID: PMC5155190.
- 220: Lewis A, Weaver J, Caplan A. Portrayal of Brain Death in Film and Television. *Am J Transplant*. 2017 Mar;17(3):761-769. doi: 10.1111/ajt.14016. Epub 2016 Sep 19. PubMed PMID: 27642118.
- 221: Bustoros M, Thomas C, Frenster J, Modrek AS, Bayin NS, Snuderl M, Rosen G, Schiff PB, Placantonakis DG. Adult Primary Spinal Epidural Extrasosseous Ewing's Sarcoma: A Case Report and Review of the Literature. *Case Rep Neurol Med*. 2016;2016:1217428. doi: 10.1155/2016/1217428. Epub 2016 Aug 17. PubMed PMID: 27610254; PubMed Central PMCID: PMC5005550.
- 222: Engler J, Bassani L, Ma T, Tanweer O, Elliott RE, Harter DH, Wisoff JH. Open and endoscopic excision of calvarial dermoid and epidermoid cysts: a single center experience on 128 consecutive cases. *Childs Nerv Syst*. 2016 Dec;32(12):2351-2356. Epub 2016 Aug 22. PubMed PMID: 27550433.
- 223: Opitz A, Falchier A, Yan CG, Yeagle EM, Linn GS, Megevand P, Thielscher A, Deborah A R, Milham MP, Mehta AD, Schroeder CE. Spatiotemporal structure of intracranial electric fields induced by transcranial electric stimulation in humans and nonhuman primates. *Sci Rep*. 2016 Aug 18;6:31236. doi: 10.1038/srep31236. PubMed PMID: 27535462; PubMed Central PMCID: PMC4989141.

- 224: Reinartz R, Wang S, Kebir S, Silver DJ, Wieland A, Zheng T, Küpper M, Rauschenbach L, Fimmers R, Shepherd TM, Trageser D, Till A, Schäfer N, Glas M, Hillmer AM, Cichon S, Smith AA, Pietsch T, Liu Y, Reynolds BA, Yachnis A, Pincus DW, Simon M, Brüstle O, Steindler DA, Scheffler B. Functional Subclone Profiling for Prediction of Treatment-Induced Intratumor Population Shifts and Discovery of Rational Drug Combinations in Human Glioblastoma. *Clin Cancer Res*. 2017 Jan 15;23(2):562-574. doi: 10.1158/1078-0432.CCR-15-2089. Epub 2016 Aug 12. PubMed PMID: 27521447; PubMed Central PMCID: PMC5241221.
- 225: Orillac C, Thomas C, Dastagirzada Y, Hidalgo ET, Golfinos JG, Zagzag D, Wisoff JH, Karajannis MA, Snuderl M. Pilocytic astrocytoma and glioneuronal tumor with histone H3 K27M mutation. *Acta Neuropathol Commun*. 2016 Aug 12;4(1):84. doi: 10.1186/s40478-016-0361-0. PubMed PMID: 27519587; PubMed Central PMCID: PMC4983033.
- 226: Gooneratne IK, Green AL, Dugan P, Sen A, Franzini A, Aziz T, Cheeran B. Comparing neurostimulation technologies in refractory focal-onset epilepsy. *J Neurol Neurosurg Psychiatry*. 2016 Nov;87(11):1174-1182. doi: 10.1136/jnnp-2016-313297. Epub 2016 Aug 11. Review. PubMed PMID: 27516384.
- 227: Pourfar MH, Mogilner AY. Lead Angle Matters: Side Effects of Deep Brain Stimulation Improved With Adjustment of Lead Angle. *Neuromodulation*. 2016 Dec;19(8):877-881. doi: 10.1111/ner.12476. Epub 2016 Aug 4. PubMed PMID: 27489123.
- 228: Lechpammer M, Tran YP, Wintermark P, Martínez-Cerdeño V, Krishnan VV, Ahmed W, Berman RF, Jensen FE, Nudler E, Zagzag D. Upregulation of cystathionine β -synthase and p70S6K/S6 in neonatal hypoxic ischemic brain injury. *Brain Pathol*. 2017 Jul;27(4):449-458. doi: 10.1111/bpa.12421. Epub 2016 Aug 28. Erratum in: *Brain Pathol*. 2017 Nov;27(6):856. PubMed PMID: 27465493.
- 229: Fu MR, Conley YP, Axelrod D, Guth AA, Yu G, Fletcher J, Zagzag D. Precision assessment of heterogeneity of lymphedema phenotype, genotypes and risk prediction. *Breast*. 2016 Oct;29:231-40. doi: 10.1016/j.breast.2016.06.023. Epub 2016 Jul 22. PubMed PMID: 27460425; PubMed Central PMCID: PMC5014618.
- 230: Lewis A, Adams N, Varelas P, Greer D, Caplan A. Organ support after death by neurologic criteria: Results of a survey of US neurologists. *Neurology*. 2016 Aug 23;87(8):827-34. doi: 10.1212/WNL.0000000000003008. Epub 2016 Jul 22. PubMed PMID: 27449064.
- 231: Kondziolka D, Cooper BT, Lunsford LD, Silverman J. Development, Implementation, and Use of a Local and Global Clinical Registry for Neurosurgery. *Big Data*. 2015 Jun;3(2):80-9. doi: 10.1089/big.2014.0069. PubMed PMID: 27447432.
- 232: Scheffer IE, French J, Hirsch E, Jain S, Mathern GW, Moshé SL, Perucca E, Tomson T, Wiebe S, Zhang YH, Zuberi SM. Classification of the epilepsies: New concepts for discussion and debate-Special report of the ILAE Classification Task Force of the Commission for Classification and Terminology. *Epilepsia Open*. 2016 Jul 21;1(1-2):37-44. doi: 10.1002/epi4.5. eCollection 2016 Sep. PubMed PMID: 29588927; PubMed Central PMCID: PMC5867836.
- 233: Cheung V, Segal D, Gardner SL, Zagzag D, Wisoff JH, Allen JC, Karajannis MA. Utility of MRI versus tumor markers for post-treatment surveillance of marker-positive CNS germ cell tumors. *J Neurooncol*. 2016 Sep;129(3):541-544. doi: 10.1007/s11060-016-2207-9. Epub 2016 Jul 12. PubMed PMID: 27406584.
- 234: Bonfield CM, Kondziolka D. Beyond the game: the legacy of Bill Masterton. *Neurosurg Focus*. 2016 Jul;41(1):E9. doi: 10.3171/2016.2.FOCUS1558. PubMed PMID: 27364262.

235: Wolf A, Kondziolka D. Gamma Knife Surgery in Trigeminal Neuralgia. *Neurosurg Clin N Am*. 2016 Jul;27(3):297-304. doi: 10.1016/j.nec.2016.02.006. Review. PubMed PMID: 27324996.

236: Lewis A, Lord AS, Czeisler BM, Caplan A. Public education and misinformation on brain death in mainstream media. *Clin Transplant*. 2016 Sep;30(9):1082-9. doi: 10.1111/ctr.12791. Epub 2016 Jul 25. Review. PubMed PMID: 27314625.

237: Grady C, Tanweer O, Zagzag D, Jafar JJ, Huang PP, Kondziolka D. Delayed hemorrhage from the tissue of an occluded arteriovenous malformation after stereotactic radiosurgery: report of 3 cases. *J Neurosurg*. 2017 Jun;126(6):1899-1904. doi: 10.3171/2016.4.JNS152320. Epub 2016 Jun 10. PubMed PMID: 27285542.

238: Maalouf DB, Dorman SM, Sebeo J, Goytizolo EA, Gordon MA, Yadeau JT, Dehipawala SS, Fields K. Prospective, Randomized Double-Blind Study: Does Decreasing Interscalene Nerve Block Volume for Surgical Anesthesia in Ambulatory Shoulder Surgery Offer Same-Day Patient Recovery Advantages? *Reg Anesth Pain Med*. 2016 Jul-Aug;41(4):438-44. doi: 10.1097/AAP.0000000000000418. PubMed PMID: 27281727.

239: Knoll MA, Oermann EK, Yang AI, Paydar I, Steinberger J, Collins B, Collins S, Ewend M, Kondziolka D. Survival of Patients With Multiple Intracranial Metastases Treated With Stereotactic Radiosurgery: Does the Number of Tumors Matter? *Am J Clin Oncol*. 2018 May;41(5):425-431. doi: 10.1097/COC.0000000000000299. PubMed PMID: 27258677.

240: Lee AG, Galetta SL. Subconcussive Head Trauma and Near Point of Convergence. *JAMA Ophthalmol*. 2016 Jul 1;134(7):770-1. doi: 10.1001/jamaophthalmol.2016.1360. PubMed PMID: 27258455.

241: Lewis A, Sen R, Hill TC, James H, Lin J, Bhamra H, Martirosyan N, Pacione D. Antibiotic prophylaxis for subdural and subgaleal drains. *J Neurosurg*. 2017 Mar;126(3):908-912. doi: 10.3171/2016.4.JNS16275. Epub 2016 Jun 3. PubMed PMID: 27257843.

242: Steinberg GK, Kondziolka D, Wechsler LR, Lunsford LD, Coburn ML, Billigen JB, Kim AS, Johnson JN, Bates D, King B, Case C, McGrogan M, Yankee EW, Schwartz NE. Clinical Outcomes of Transplanted Modified Bone Marrow-Derived Mesenchymal Stem Cells in Stroke: A Phase 1/2a Study. *Stroke*. 2016 Jul;47(7):1817-24. doi: 10.1161/STROKEAHA.116.012995. Epub 2016 Jun 2. PubMed PMID: 27256670; PubMed Central PMCID: PMC5828512.

243: Shah JK, Potts MB, Sneed PK, Aghi MK, McDermott MW. Surgical Cavity Constriction and Local Progression Between Resection and Adjuvant Radiosurgery for Brain Metastases. *Cureus*. 2016 Apr 19;8(4):e575. doi: 10.7759/cureus.575. PubMed PMID: 27226936; PubMed Central PMCID: PMC4873317.

244: Bin Zahid A, Mikheev A, Srivatsa N, Babb J, Samadani U, Rusinek H. Accelerated Brain Atrophy on Serial Computed Tomography: Potential Marker of the Progression of Alzheimer Disease. *J Comput Assist Tomogr*. 2016 Sep-Oct;40(5):827-32. doi: 10.1097/RCT.0000000000000435. PubMed PMID: 27224227; PubMed Central PMCID: PMC5025331.

245: Deeb W, Rossi PJ, Porta M, Visser-Vandewalle V, Servello D, Silburn P, Coyne T, Leckman JF, Foltynie T, Hariz M, Joyce EM, Zrinzo L, Kefalopoulou Z, Welter ML, Karachi C, Mallet L, Houeto JL, Shahed-Jimenez J, Meng FG, Klassen BT, Mogilner AY, Pourfar MH, Kuhn J, Ackermans L, Kaido T, Temel Y, Gross RE, Walker HC, Lozano AM, Khandhar SM, Walter BL, Walter E, Mari Z, Changizi BK, Moro E, Baldermann JC, Huys D, Zauber SE, Schrock LE, Zhang JG, Hu W, Foote KD, Rizer K, Mink JW, Woods DW, Gunduz A, Okun MS. The International Deep Brain Stimulation Registry and Database for

Gilles de la Tourette Syndrome: How Does It Work? *Front Neurosci.* 2016 Apr 25;10:170. doi: 10.3389/fnins.2016.00170. eCollection 2016. PubMed PMID: 27199634; PubMed Central PMCID: PMC4842757.

246: McClelland S 3rd, Marascalchi BJ, Passias PG, Protopsaltis TS, Frempong-Boadu AK, Errico TJ. Impact of Race and Insurance Status on Surgical Approach for Cervical Spondylotic Myelopathy in the United States: A Population-Based Analysis. *Spine (Phila Pa 1976).* 2017 Feb;42(3):186-194. doi: 10.1097/BRS.0000000000001693. PubMed PMID: 27196022.

247: Alperovich M, Frey JD, Potts MB, Riina HA, Staffenberg DA. Applying Craniofacial Principles to Neurosurgical Exposures in Cerebrovascular Aneurysm Repair. *J Craniofac Surg.* 2016 Jun;27(4):1077-9. doi: 10.1097/SCS.0000000000002643. PubMed PMID: 27192638.

248: Czeisler BM, Mayer SA. Predicting Large Vessel Occlusion in Acute Ischemic Stroke: Less is More. *Crit Care Med.* 2016 Jun;44(6):1251-2. doi: 10.1097/CCM.0000000000001791. PubMed PMID: 27182864.

249: Kondziolka D, LoPresti M, Tyburczy A, Golden C, Seto T, Boulio L, Doody C, Yeh B, Silverman J. Quality of the Patient Experience during Radiosurgery: Measurement toward Improvement. *Stereotact Funct Neurosurg.* 2016;94(3):134-9. doi: 10.1159/000445545. Epub 2016 May 14. PubMed PMID: 27172769.

250: Heller SL, Jaglan S, Babb JS, Melsaether A, Toth HB, Moy L. Frequency of Discordant Lesions and False-negative Cancers at Stereotactic Vacuum-assisted Biopsy. *Acad Radiol.* 2016 Aug;23(8):994-9. doi: 10.1016/j.acra.2016.03.023. Epub 2016 May 5. PubMed PMID: 27161209.

251: Lewis A, Varelas P, Greer D. Pregnancy and Brain Death: Lack of Guidance in U.S. Hospital Policies. *Am J Perinatol.* 2016 Dec;33(14):1382-1387. Epub 2016 May 9. PubMed PMID: 27159202.

252: Gudrunardottir T, Morgan AT, Lux AL, Walker DA, Walsh KS, Wells EM, Wisoff JH, Juhler M, Schmahmann JD, Keating RF, Catsman-Berrevoets C; Iceland Delphi Group. Consensus paper on post-operative pediatric cerebellar mutism syndrome: the Iceland Delphi results. *Childs Nerv Syst.* 2016 Jul;32(7):1195-203. doi: 10.1007/s00381-016-3093-3. Epub 2016 May 3. Review. PubMed PMID: 27142103.

253: Cohen-Inbar O, Lee CC, Mousavi SH, Kano H, Mathieu D, Meola A, Nakaji P, Honea N, Johnson M, Abbassy M, Mohammadi AM, Silva D, Yang HC, Grills I, Kondziolka D, Barnett GH, Lunsford LD, Sheehan J. Stereotactic radiosurgery for intracranial hemangiopericytomas: a multicenter study. *J Neurosurg.* 2017 Mar;126(3):744-754. doi: 10.3171/2016.1.JNS152860. Epub 2016 Apr 22. PubMed PMID: 27104850.

254: Schnurman Z, Smith ML, Kondziolka D. Off-label innovation: characterization through a case study of rhBMP-2 for spinal fusion. *J Neurosurg Spine.* 2016 Sep;25(3):406-14. doi: 10.3171/2016.1.SPINE151192. Epub 2016 Apr 22. Review. PubMed PMID: 27104282.

255: Rossi PJ, Gunduz A, Judy J, Wilson L, Machado A, Giordano JJ, Elias WJ, Rossi MA, Butson CL, Fox MD, McIntyre CC, Pouratian N, Swann NC, de Hemptinne C, Gross RE, Chizeck HJ, Tagliati M, Lozano AM, Goodman W, Langevin JP, Alterman RL, Akbar U, Gerhardt GA, Grill WM, Hallett M, Herrington T, Herron J, van Horne C, Kopell BH, Lang AE, Lungu C, Martinez-Ramirez D, Mogilner AY, Molina R, Opri E, Otto KJ, Oweiss KG, Pathak Y, Shukla A, Shute J, Sheth SA, Shih LC, Steinke GK, Tröster AI, Vanegas N, Zaghloul KA, Cendejas-Zaragoza L, Verhagen L, Foote KD, Okun MS. Proceedings of the Third Annual Deep Brain Stimulation Think Tank: A Review of Emerging Issues and Technologies. *Front Neurosci.* 2016 Apr 6;10:119. doi: 10.3389/fnins.2016.00119. eCollection 2016. Review. PubMed

PMID: 27092042; PubMed Central PMCID: PMC4821860.

256: Ding D, Starke RM, Kano H, Lee JY, Mathieu D, Pierce J, Huang PP, Feliciano C, Rodriguez-Mercado R, Almodovar L, Grills IS, Silva D, Abbassy M, Missios S, Kondziolka D, Barnett GH, Lunsford LD, Sheehan JP. Stereotactic radiosurgery for Spetzler-Martin Grade III arteriovenous malformations: an international multicenter study. *J Neurosurg.* 2017 Mar;126(3):859-871. doi: 10.3171/2016.1.JNS152564. Epub 2016 Apr 15. PubMed PMID: 27081906.

257: Tateishi K, Iafrate AJ, Ho Q, Curry WT, Batchelor TT, Flaherty KT, Onozato ML, Lelic N, Sundaram S, Cahill DP, Chi AS, Wakimoto H. Myc-Driven Glycolysis Is a Therapeutic Target in Glioblastoma. *Clin Cancer Res.* 2016 Sep 1;22(17):4452-65. doi: 10.1158/1078-0432.CCR-15-2274. Epub 2016 Apr 13. PubMed PMID: 27076630; PubMed Central PMCID: PMC5010492.

258: Chen H, Modur PN, Barot N, Van Ness PC, Agostini MA, Ding K, Gupta P, Hays R, Mickey B. Predictors of Postoperative Seizure Recurrence: A Longitudinal Study of Temporal and Extratemporal Resections. *Epilepsy Res Treat.* 2016;2016:7982494. doi: 10.1155/2016/7982494. Epub 2016 Mar 16. PubMed PMID: 27069682; PubMed Central PMCID: PMC4812270.

259: Golfinos JG, Hill TC, Rokosh R, Choudhry O, Shinseki M, Mansouri A, Friedmann DR, Thomas Roland J Jr, Kondziolka D. A matched cohort comparison of clinical outcomes following microsurgical resection or stereotactic radiosurgery for patients with small- and medium-sized vestibular schwannomas. *J Neurosurg.* 2016 Dec;125(6):1472-1482. Epub 2016 Apr 1. PubMed PMID: 27035174.

260: Sidtis JJ, Alken AG, Tagliati M, Alterman R, Van Lancker Sidtis D. Subthalamic Stimulation Reduces Vowel Space at the Initiation of Sustained Production: Implications for Articulatory Motor Control in Parkinson's Disease. *J Parkinsons Dis.* 2016 Mar 19;6(2):361-70. doi: 10.3233/JPD-150739. PubMed PMID: 27003219; PubMed Central PMCID: PMC4927904.

261: Cook CE, Frempong-Boadu AK, Radcliff K, Karikari I, Isaacs R. Older Age and Leg Pain Are Good Predictors of Pain and Disability Outcomes in 2710 Patients Who Receive Lumbar Fusion. *HSS J.* 2015 Oct;11(3):209-15. doi: 10.1007/s11420-015-9456-6. Epub 2015 Aug 5. PubMed PMID: 26981055; PubMed Central PMCID: PMC4773696.

262: Paydar I, Oermann EK, Knoll M, Lee J, Collins BT, Ewend M, Kondziolka D, Collins SP. The Value of the History and Physical for Patients with Newly Diagnosed Brain Metastases Considering Radiosurgery. *Front Oncol.* 2016 Mar 2;6:40. doi: 10.3389/fonc.2016.00040. eCollection 2016. PubMed PMID: 26973811; PubMed Central PMCID: PMC4773584.

263: Long MA, Katlowitz KA, Svirsky MA, Clary RC, Byun TM, Majaj N, Oya H, Howard MA 3rd, Greenlee JDW. Functional Segregation of Cortical Regions Underlying Speech Timing and Articulation. *Neuron.* 2016 Mar 16;89(6):1187-1193. doi: 10.1016/j.neuron.2016.01.032. Epub 2016 Feb 25. PubMed PMID: 26924439; PubMed Central PMCID: PMC4833207.

264: Sturm D, Orr BA, Toprak UH, Hovestadt V, Jones DTW, Capper D, Sill M, Buchhalter I, Northcott PA, Leis I, Ryzhova M, Koelsche C, Pfaff E, Allen SJ, Balasubramanian G, Worst BC, Pajtler KW, Brabetz S, Johann PD, Sahm F, Reimand J, Mackay A, Carvalho DM, Remke M, Phillips JJ, Perry A, Cowdrey C, Drissi R, Fouladi M, Giangaspero F, Łastowska M, Grajkowska W, Scheurlen W, Pietsch T, Hagel C, Gojo J, Lötsch D, Berger W, Slavc I, Haberler C, Jouvett A, Holm S, Hofer S, Prinz M, Keohane C, Fried I, Mawrin C, Scheie D, Mobley BC, Schniederjan MJ, Santi M, Buccoliero AM, Dahiya S, Kramm CM, von Bueren AO, von Hoff K, Rutkowski S, Herold-Mende C, Frühwald MC, Milde T, Hasselblatt M, Wesseling P, Rößler J, Schüller U, Ebinger M, Schittenhelm J, Frank S, Grobholz R, Vajtai I, Hans V, Schneppenheim R, Zitterbart K, Collins VP, Aronica E, Varlet P, Puget S, Dufour C, Grill J, Figarella-

Branger D, Wolter M, Schuhmann MU, Shalaby T, Grotzer M, van Meter T, Monoranu CM, Felsberg J, Reifenger G, Snuderl M, Forrester LA, Koster J, Versteeg R, Volckmann R, van Sluis P, Wolf S, Mikkelsen T, Gajjar A, Aldape K, Moore AS, Taylor MD, Jones C, Jabado N, Karajannis MA, Eils R, Schlesner M, Lichter P, von Deimling A, Pfister SM, Ellison DW, Korshunov A, Kool M. New Brain Tumor Entities Emerge from Molecular Classification of CNS-PNETs. *Cell*. 2016 Feb 25;164(5):1060-1072. doi: 10.1016/j.cell.2016.01.015. PubMed PMID: 26919435; PubMed Central PMCID: PMC5139621.

265: Yu S, Szulc A, Walton S, Bosco J, Iorio R. Pain Control and Functional Milestones in Total Knee Arthroplasty: Liposomal Bupivacaine versus Femoral Nerve Block. *Clin Orthop Relat Res*. 2017 Jan;475(1):110-117. doi: 10.1007/s11999-016-4740-4. PubMed PMID: 26883652; PubMed Central PMCID: PMC5174020.

266: Lewis A, Varelas P, Greer D. Controversies After Brain Death: When Families Ask for More. *Chest*. 2016 Feb;149(2):607-608. doi: 10.1016/j.chest.2015.09.040. PubMed PMID: 26867848.

267: Oermann EK, Rubinsteyn A, Ding D, Mascitelli J, Starke RM, Bederson JB, Kano H, Lunsford LD, Sheehan JP, Hammerbacher J, Kondziolka D. Using a Machine Learning Approach to Predict Outcomes after Radiosurgery for Cerebral Arteriovenous Malformations. *Sci Rep*. 2016 Feb 9;6:21161. doi: 10.1038/srep21161. PubMed PMID: 26856372; PubMed Central PMCID: PMC4746661.

268: Wolf A, Zia S, Verma R, Pavlick A, Wilson M, Golfinos JG, Silverman JS, Kondziolka D. Impact on overall survival of the combination of BRAF inhibitors and stereotactic radiosurgery in patients with melanoma brain metastases. *J Neurooncol*. 2016 May;127(3):607-15. doi: 10.1007/s11060-016-2072-6. Epub 2016 Feb 6. PubMed PMID: 26852222.

269: Zubkov S, Friedman D. Epilepsy treatment and creativity. *Epilepsy Behav*. 2016 Apr;57(Pt B):230-3. doi: 10.1016/j.yebeh.2015.12.048. Epub 2016 Jan 29. Review. PubMed PMID: 26831642.

270: Klionsky DJ, Abdelmohsen K, Abe A, Abedin MJ, Abeliovich H, Acevedo Arozena A, Adachi H, Adams CM, Adams PD, Adeli K, Adihetty PJ, Adler SG, Agam G, Agarwal R, Aghi MK, Agnello M, Agostinis P, Aguilar PV, Aguirre-Ghisso J, Airolidi EM, Ait-Si-Ali S, Akematsu T, Akporiaye ET, Al-Rubeai M, Albaiceta GM, Albanese C, Albani D, Albert ML, Aldudo J, Algül H, Alirezaei M, Alloza I, Almasan A, Almonte-Beceril M, Alnemri ES, Alonso C, Altan-Bonnet N, Altieri DC, Alvarez S, Alvarez-Erviti L, Alves S, Amadoro G, Amano A, Amantini C, Ambrosio S, Amelio I, Amer AO, Amessou M, Amon A, An Z, Anania FA, Andersen SU, Andley UP, Andreadi CK, Andrieu-Abadie N, Anel A, Ann DK, Anoopkumar-Dukie S, Antonioli M, Aoki H, Apostolova N, Aquila S, Aquilano K, Araki K, Arama E, Aranda A, Araya J, Arcaro A, Arias E, Arimoto H, Arosio AR, Armstrong JL, Arnould T, Arsov I, Asanuma K, Askanas V, Asselin E, Atarashi R, Atherton SS, Atkin JD, Attardi LD, Auburger P, Auburger G, Aurelian L, Autelli R, Avagliano L, Avantiaggiati ML, Avrahami L, Awale S, Azad N, Bachetti T, Backer JM, Bae DH, Bae JS, Bae ON, Bae SH, Baehrecke EH, Baek SH, Baghdiguian S, Bagniewska-Zadworna A, Bai H, Bai J, Bai XY, Bailly Y, Balaji KN, Balduini W, Ballabio A, Balzan R, Banerjee R, Bánhegyi G, Bao H, Barbeau B, Barrachina MD, Barreiro E, Bartel B, Bartolomé A, Bassham DC, Bassi MT, Bast RC Jr, Basu A, Batista MT, Batoko H, Battino M, Bauckman K, Baumgarner BL, Bayer KU, Beale R, Beaulieu JF, Beck GR Jr, Becker C, Beckham JD, Bédard PA, Bednarski PJ, Begley TJ, Behl C, Behrends C, Behrens GM, Behrns KE, Bejarano E, Belaid A, Belleudi F, Bénard G, Berchem G, Bergamaschi D, Bergami M, Berkhout B, Berliocchi L, Bernard A, Bernard M, Bernassola F, Bertolotti A, Bess AS, Besteiro S, Bettuzzi S, Bhalla S, Bhattacharyya S, Bhutia SK, Biagosch C, Bianchi MW, Biard-Piechaczyk M, Billes V, Bincoletto C, Bingol B, Bird SW, Bitoun M, Bjedov I, Blackstone C, Blanc L, Blanco GA, Blomhoff HK, Boada-Romero E, Böckler S, Boes M, Boesze-Battaglia K, Boise LH, Bolino A, Boman A, Bonaldo P, Bordini M, Bosch J, Botana LM, Botti J, Bou G, Bouché M, Bouchecareilh M, Boucher MJ, Boulton ME, Bouret SG, Boya P, Boyer-Guittaut M, Bozhkov PV, Brady N, Braga VM, Brancolini C, Braus GH, Bravo-San Pedro JM, Brennan LA, Bresnick EH, Brest P, Bridges D, Bringer MA, Brini M, Brito GC, Brodin B, Brookes PS,

Brown EJ, Brown K, Broxmeyer HE, Bruhat A, Brum PC, Brumell JH, Brunetti-Pierri N, Bryson-Richardson RJ, Buch S, Buchan AM, Budak H, Bulavin DV, Bultman SJ, Bultynck G, Bumbasirevic V, Burelle Y, Burke RE, Burmeister M, Bütikofer P, Caberlotto L, Cadwell K, Cahova M, Cai D, Cai J, Cai Q, Calatayud S, Camougrand N, Campanella M, Campbell GR, Campbell M, Campello S, Candau R, Caniggia I, Cantoni L, Cao L, Caplan AB, Caraglia M, Cardinali C, Cardoso SM, Carew JS, Carleton LA, Carlin CR, Carloni S, Carlsson SR, Carmona-Gutierrez D, Carneiro LA, Carnevali O, Carra S, Carrier A, Carroll B, Casas C, Casas J, Cassinelli G, Castets P, Castro-Obregon S, Cavallini G, Ceccherini I, Cecconi F, Cederbaum AI, Ceña V, Cenci S, Cerella C, Cervia D, Cetrullo S, Chaachouay H, Chae HJ, Chagin AS, Chai CY, Chakrabarti G, Chamilos G, Chan EY, Chan MT, Chandra D, Chandra P, Chang CP, Chang RC, Chang TY, Chatham JC, Chatterjee S, Chauhan S, Che Y, Cheetham ME, Cheluvappa R, Chen CJ, Chen G, Chen GC, Chen G, Chen H, Chen JW, Chen JK, Chen M, Chen M, Chen P, Chen Q, Chen Q, Chen SD, Chen S, Chen SS, Chen W, Chen WJ, Chen WQ, Chen W, Chen X, Chen YH, Chen YG, Chen Y, Chen Y, Chen Y, Chen YJ, Chen YQ, Chen Y, Chen Z, Chen Z, Cheng A, Cheng CH, Cheng H, Cheong H, Cherry S, Chesney J, Cheung CH, Chevet E, Chi HC, Chi SG, Chiacchiera F, Chiang HL, Chiarelli R, Chiariello M, Chieppa M, Chin LS, Chiong M, Chiu GN, Cho DH, Cho SG, Cho WC, Cho YY, Cho YS, Choi AM, Choi EJ, Choi EK, Choi J, Choi ME, Choi SI, Chou TF, Chouaib S, Choubey D, Choubey V, Chow KC, Chowdhury K, Chu CT, Chuang TH, Chun T, Chung H, Chung T, Chung YL, Chwae YJ, Cianfanelli V, Ciarcia R, Ciechomska IA, Ciriolo MR, Cirone M, Claerhout S, Clague MJ, Clària J, Clarke PG, Clarke R, Clementi E, Cleyrat C, Cnop M, Coccia EM, Cocco T, Codogno P, Coers J, Cohen EE, Colecchia D, Coletto L, Coll NS, Colucci-Guyon E, Comincini S, Condello M, Cook KL, Coombs GH, Cooper CD, Cooper JM, Coppens I, Corasaniti MT, Corazzari M, Corbalan R, Corcelle-Termeau E, Cordero MD, Corral-Ramos C, Corti O, Cossarizza A, Costelli P, Costes S, Cotman SL, Coto-Montes A, Cottet S, Couve E, Covey LR, Cowart LA, Cox JS, Coxon FP, Coyne CB, Cragg MS, Craven RJ, Crepaldi T, Crespo JL, Criollo A, Crippa V, Cruz MT, Cuervo AM, Cuezva JM, Cui T, Cutillas PR, Czaja MJ, Czyzyk-Krzeska MF, Dagda RK, Dahmen U, Dai C, Dai W, Dai Y, Dalby KN, Dalla Valle L, Dalmasso G, D'Amelio M, Damme M, Darfeuille-Michaud A, Dargemont C, Darley-Usmar VM, Dasarathy S, Dasgupta B, Dash S, Dass CR, Davey HM, Davids LM, Dávila D, Davis RJ, Dawson TM, Dawson VL, Daza P, de Belleruche J, de Figueiredo P, de Figueiredo RC, de la Fuente J, De Martino L, De Matteis A, De Meyer GR, De Milito A, De Santi M, de Souza W, De Tata V, De Zio D, Debnath J, Dechant R, Decuypere JP, Deegan S, Dehay B, Del Bello B, Del Re DP, Delage-Mourroux R, Delbridge LM, Deldicque L, Delorme-Axford E, Deng Y, Dengjel J, Denizot M, Dent P, Der CJ, Deretic V, Derrien B, Deutsch E, Devarenne TP, Devenish RJ, Di Bartolomeo S, Di Daniele N, Di Domenico F, Di Nardo A, Di Paola S, Di Pietro A, Di Renzo L, DiAntonio A, Díaz-Araya G, Díaz-Laviada I, Diaz-Meco MT, Diaz-Nido J, Dickey CA, Dickson RC, Diederich M, Digard P, Dikic I, Dinesh-Kumar SP, Ding C, Ding WX, Ding Z, Dini L, Distler JH, Diwan A, Djavaheri-Mergny M, Dmytruk K, Dobson RC, Doetsch V, Dokladny K, Dokudovskaya S, Donadelli M, Dong XC, Dong X, Dong Z, Donohue TM Jr, Doran KS, D'Orazi G, Dorn GW 2nd, Dosenko V, Dridi S, Drucker L, Du J, Du LL, Du L, du Toit A, Dua P, Duan L, Duann P, Dubey VK, Duchon MR, Duchosal MA, Duez H, Dugail I, Dumit VI, Duncan MC, Dunlop EA, Dunn WA Jr, Dupont N, Dupuis L, Durán RV, Durcan TM, Duvezin-Caubet S, Duvvuri U, Eapen V, Ebrahimi-Fakhari D, Echard A, Eckhart L, Edelstein CL, Edinger AL, Eichinger L, Eisenberg T, Eisenberg-Lerner A, Eissa NT, El-Deiry WS, El-Khoury V, Elazar Z, Eldar-Finkelman H, Elliott CJ, Emanuele E, Emmenegger U, Engedal N, Engelbrecht AM, Engelender S, Enserink JM, Erdmann R, Erenpreisa J, Eri R, Eriksen JL, Erman A, Escalante R, Eskelinen EL, Espert L, Esteban-Martínez L, Evans TJ, Fabri M, Fabrias G, Fabrizi C, Facchiano A, Færgeman NJ, Faggioni A, Fairlie WD, Fan C, Fan D, Fan J, Fang S, Fanto M, Fanzani A, Farkas T, Faure M, Favier FB, Fearnhead H, Federici M, Fei E, Felizardo TC, Feng H, Feng Y, Feng Y, Ferguson TA, Fernández ÁF, Fernandez-Barrena MG, Fernandez-Checa JC, Fernández-López A, Fernandez-Zapico ME, Feron O, Ferraro E, Ferreira-Halder CV, Fesus L, Feuer R, Fiesel FC, Filippi-Chiela EC, Filomeni G, Fimia GM, Fingert JH, Finkbeiner S, Finkel T, Fiorito F, Fisher PB, Flajolet M, Flamigni F, Florey O, Florio S, Floto RA, Folini M, Follo C, Fon EA, Fornai F, Fortunato F, Fraldi A, Franco R, Francois A, François A, Frankel LB, Fraser ID, Frey N, Freyssenet DG, Frezza C, Friedman SL, Frigo DE, Fu D, Fuentes JM, Fueyo J, Fujitani Y, Fujiwara Y, Fujiya M, Fukuda M, Fulda S, Fusco C, Gabryel B, Gaestel M, Gailly P, Gajewska M, Galadari S, Galili G,

Galindo I, Galindo MF, Galliciotti G, Galluzzi L, Galluzzi L, Galy V, Gammoh N, Gandy S, Ganesan AK, Ganesan S, Ganley IG, Gannagé M, Gao FB, Gao F, Gao JX, García Nannig L, García Vescovi E, Garcia-Macia M, Garcia-Ruiz C, Garg AD, Garg PK, Gargini R, Gassen NC, Gatica D, Gatti E, Gavard J, Gavathiotis E, Ge L, Ge P, Ge S, Gean PW, Gelmetti V, Genazzani AA, Geng J, Genschik P, Gerner L, Gestwicki JE, Gewirtz DA, Ghavami S, Ghigo E, Ghosh D, Giammarioli AM, Giampieri F, Giampietri C, Giatromanolaki A, Gibbings DJ, Gibellini L, Gibson SB, Ginet V, Giordano A, Giorgini F, Giovannetti E, Girardin SE, Gispert S, Giuliano S, Gladson CL, Glavic A, Gleave M, Godefroy N, Gogal RM Jr, Gokulan K, Goldman GH, Goletti D, Goligorsky MS, Gomes AV, Gomes LC, Gomez H, Gomez-Manzano C, Gómez-Sánchez R, Gonçalves DA, Goncu E, Gong Q, Gongora C, Gonzalez CB, Gonzalez-Alegre P, Gonzalez-Cabo P, González-Polo RA, Goping IS, Gorbea C, Gorbunov NV, Goring DR, Gorman AM, Gorski SM, Goruppi S, Goto-Yamada S, Gotor C, Gottlieb RA, Gozes I, Gozuacik D, Graba Y, Graef M, Granato GE, Grant GD, Grant S, Gravina GL, Green DR, Greenhough A, Greenwood MT, Grimaldi B, Gros F, Grose C, Groulx JF, Gruber F, Grumati P, Grune T, Guan JL, Guan KL, Guerra B, Guillen C, Gulshan K, Gunst J, Guo C, Guo L, Guo M, Guo W, Guo XG, Gust AA, Gustafsson ÅB, Gutierrez E, Gutierrez MG, Gwak HS, Haas A, Haber JE, Hadano S, Hagedorn M, Hahn DR, Halayko AJ, Hamacher-Brady A, Hamada K, Hamai A, Hamann A, Hamasaki M, Hamer I, Hamid Q, Hammond EM, Han F, Han W, Handa JT, Hanover JA, Hansen M, Harada M, Harhaji-Trajkovic L, Harper JW, Harrath AH, Harris AL, Harris J, Hasler U, Hasselblatt P, Hasui K, Hawley RG, Hawley TS, He C, He CY, He F, He G, He RR, He XH, He YW, He YY, Heath JK, Hébert MJ, Heinzen RA, Helgason GV, Hensel M, Henske EP, Her C, Herman PK, Hernández A, Hernandez C, Hernández-Tiedra S, Hetz C, Hiesinger PR, Higaki K, Hilfiker S, Hill BG, Hill JA, Hill WD, Hino K, Hofius D, Hofman P, Höglinger GU, Höhfeld J, Holz MK, Hong Y, Hood DA, Hoozemans JJ, Hoppe T, Hsu C, Hsu CY, Hsu LC, Hu D, Hu G, Hu HM, Hu H, Hu MC, Hu YC, Hu ZW, Hua F, Hua Y, Huang C, Huang HL, Huang KH, Huang KY, Huang S, Huang S, Huang WP, Huang YR, Huang Y, Huang Y, Huber TB, Huebbe P, Huh WK, Hulmi JJ, Hur GM, Hurley JH, Husak Z, Hussain SN, Hussain S, Hwang JJ, Hwang S, Hwang TI, Ichihara A, Imai Y, Imbriano C, Inomata M, Into T, Iovane V, Iovanna JL, Iozzo RV, Ip NY, Irazoqui JE, Iribarren P, Isaka Y, Isakovic AJ, Ischiropoulos H, Isenberg JS, Ishaq M, Ishida H, Ishii I, Ishmael JE, Isidoro C, Isobe K, Isono E, Issazadeh-Navikas S, Itahana K, Itakura E, Ivanov AI, Iyer AK, Izquierdo JM, Izumi Y, Izzo V, Jäättelä M, Jaber N, Jackson DJ, Jackson WT, Jacob TG, Jacques TS, Jagannath C, Jain A, Jana NR, Jang BK, Jani A, Janji B, Jannig PR, Jansson PJ, Jean S, Jendrach M, Jeon JH, Jessen N, Jeung EB, Jia K, Jia L, Jiang H, Jiang H, Jiang L, Jiang T, Jiang X, Jiang X, Jiang X, Jiang Y, Jiang Y, Jiménez A, Jin C, Jin H, Jin L, Jin M, Jin S, Jinwal UK, Jo EK, Johansen T, Johnson DE, Johnson GV, Johnson JD, Jonasch E, Jones C, Joosten LA, Jordan J, Joseph AM, Joseph B, Joubert AM, Ju D, Ju J, Juan HF, Juenemann K, Juhász G, Jung HS, Jung JU, Jung YK, Jungbluth H, Justice MJ, Jutten B, Kaakoush NO, Kaarniranta K, Kaasik A, Kabuta T, Kaeffer B, Kågedal K, Kahana A, Kajimura S, Kakhlon O, Kalia M, Kalvakolanu DV, Kamada Y, Kambas K, Kaminsky VO, Kampinga HH, Kandouz M, Kang C, Kang R, Kang TC, Kanki T, Kanneganti TD, Kanno H, Kanthasamy AG, Kantorow M, Kaparakis-Liaskos M, Kapuy O, Karantza V, Karim MR, Karmakar P, Kaser A, Kaushik S, Kawula T, Kaynar AM, Ke PY, Ke ZJ, Kehrl JH, Keller KE, Kemper JK, Kenworthy AK, Kepp O, Kern A, Kesari S, Kessel D, Ketteler R, Kettelhut Ido C, Khambu B, Khan MM, Khandelwal VK, Khare S, Kiang JG, Kiger AA, Kihara A, Kim AL, Kim CH, Kim DR, Kim DH, Kim EK, Kim HY, Kim HR, Kim JS, Kim JH, Kim JC, Kim JH, Kim KW, Kim MD, Kim MM, Kim PK, Kim SW, Kim SY, Kim YS, Kim Y, Kimchi A, Kimmelman AC, Kimura T, King JS, Kirkegaard K, Kirkin V, Kirshenbaum LA, Kishi S, Kitajima Y, Kitamoto K, Kitaoka Y, Kitazato K, Kley RA, Klimecki WT, Klinkenberg M, Klucken J, Knævelsrud H, Knecht E, Knuppertz L, Ko JL, Kobayashi S, Koch JC, Koechlin-Ramonatxo C, Koenig U, Koh YH, Köhler K, Kohlwein SD, Koike M, Komatsu M, Kominami E, Kong D, Kong HJ, Konstantakou EG, Kopp BT, Korcsmaros T, Korhonen L, Korolchuk VI, Koshkina NV, Kou Y, Koukourakis MI, Koumenis C, Kovács AL, Kovács T, Kovacs WJ, Koya D, Kraft C, Krainc D, Kramer H, Kravic-Stevovic T, Krek W, Kretz-Remy C, Krick R, Krishnamurthy M, Kriston-Vizi J, Kroemer G, Kruer MC, Kruger R, Ktistakis NT, Kuchitsu K, Kuhn C, Kumar AP, Kumar A, Kumar A, Kumar D, Kumar D, Kumar R, Kumar S, Kundu M, Kung HJ, Kuno A, Kuo SH, Kuret J, Kurz T, Kwok T, Kwon TK, Kwon YT, Kyrmizi I, La Spada AR, Lafont F, Lahm T, Lakkaraju A, Lam T, Lamark T, Lancel S, Landowski TH, Lane DJ, Lane JD, Lanzi C, Lapaquette P, Lapierre LR, Laporte J, Laukkanen J, Laurie GW,

Lavandero S, Lavie L, LaVoie MJ, Law BY, Law HK, Law KB, Layfield R, Lazo PA, Le Cam L, Le Roch KG, Le Stunff H, Leardkamolkarn V, Lecuit M, Lee BH, Lee CH, Lee EF, Lee GM, Lee HJ, Lee H, Lee JK, Lee J, Lee JH, Lee JH, Lee M, Lee MS, Lee PJ, Lee SW, Lee SJ, Lee SJ, Lee SY, Lee SH, Lee SS, Lee SJ, Lee S, Lee YR, Lee YJ, Lee YH, Leeuwenburgh C, Lefort S, Legouis R, Lei J, Lei QY, Leib DA, Leibowitz G, Lekli I, Lemaire SD, Lemasters JJ, Lemberg MK, Lemoine A, Leng S, Lenz G, Lenzi P, Lerman LO, Lettieri Barbato D, Leu JI, Leung HY, Levine B, Lewis PA, Lezoualc'h F, Li C, Li F, Li FJ, Li J, Li K, Li L, Li M, Li M, Li Q, Li R, Li S, Li W, Li W, Li X, Li Y, Lian J, Liang C, Liang Q, Liao Y, Liberal J, Liberski PP, Lie P, Lieberman AP, Lim HJ, Lim KL, Lim K, Lima RT, Lin CS, Lin CF, Lin F, Lin F, Lin FC, Lin K, Lin KH, Lin PH, Lin T, Lin WW, Lin YS, Lin Y, Linden R, Lindholm D, Lindqvist LM, Lingor P, Linkermann A, Liotta LA, Lipinski MM, Lira VA, Lisanti MP, Liton PB, Liu B, Liu C, Liu CF, Liu F, Liu HJ, Liu J, Liu JJ, Liu JL, Liu K, Liu L, Liu L, Liu Q, Liu RY, Liu S, Liu S, Liu W, Liu XD, Liu X, Liu XH, Liu X, Liu X, Liu X, Liu Y, Liu Y, Liu Z, Liu Z, Liuzzi JP, Lizard G, Ljubic M, Lodhi IJ, Logue SE, Lokeshwar BL, Long YC, Lonial S, Loos B, López-Otín C, López-Vicario C, Lorente M, Lorenzi PL, Lőrincz P, Los M, Lotze MT, Lovat PE, Lu B, Lu B, Lu J, Lu Q, Lu SM, Lu S, Lu Y, Luciano F, Luckhart S, Lucocq JM, Ludovico P, Lugea A, Lukacs NW, Lum JJ, Lund AH, Luo H, Luo J, Luo S, Luparello C, Lyons T, Ma J, Ma Y, Ma Y, Ma Z, Machado J, Machado-Santelli GM, Macian F, MacIntosh GC, MacKeigan JP, Macleod KF, MacMicking JD, MacMillan-Crow LA, Madeo F, Madesh M, Madrigal-Matute J, Maeda A, Maeda T, Maegawa G, Maellaro E, Maes H, Magariños M, Maiese K, Maiti TK, Maiuri L, Maiuri MC, Maki CG, Malli R, Malorni W, Maloyan A, Mami-Chouaib F, Man N, Mancias JD, Mandelkow EM, Mandell MA, Manfredi AA, Manié SN, Manzoni C, Mao K, Mao Z, Mao ZW, Marambaud P, Marconi AM, Marelja Z, Marfe G, Margeta M, Margittai E, Mari M, Mariani FV, Marin C, Marinelli S, Mariño G, Markovic I, Marquez R, Martelli AM, Martens S, Martin KR, Martin SJ, Martin S, Martin-Acebes MA, Martín-Sanz P, Martinand-Mari C, Martinet W, Martinez J, Martinez-Lopez N, Martinez-Outschoorn U, Martínez-Velázquez M, Martinez-Vicente M, Martins WK, Mashima H, Mastrianni JA, Matarese G, Matarrese P, Mateo R, Matoba S, Matsumoto N, Matsushita T, Matsuura A, Matsuzawa T, Mattson MP, Matus S, Maugeri N, Mauvezin C, Mayer A, Maysinger D, Mazzolini GD, McBrayer MK, McCall K, McCormick C, McInerney GM, McIver SC, McKenna S, McMahon JJ, McNeish IA, Mechta-Grigoriou F, Medema JP, Medina DL, Megyeri K, Mehrpour M, Mehta JL, Mei Y, Meier UC, Meijer AJ, Meléndez A, Melino G, Melino S, de Melo EJ, Mena MA, Meneghini MD, Menendez JA, Menezes R, Meng L, Meng LH, Meng S, Menghini R, Menko AS, Menna-Barreto RF, Menon MB, Meraz-Ríos MA, Merla G, Merlini L, Merlot AM, Meryk A, Meschini S, Meyer JN, Mi MT, Miao CY, Micale L, Michaeli S, Michiels C, Migliaccio AR, Mihailidou AS, Mijaljica D, Mikoshiba K, Milan E, Miller-Fleming L, Mills GB, Mills IG, Minakaki G, Minassian BA, Ming XF, Minibayeva F, Minina EA, Mintern JD, Minucci S, Miranda-Vizuete A, Mitchell CH, Miyamoto S, Miyazawa K, Mizushima N, Mnich K, Mograbi B, Mohseni S, Moita LF, Molinari M, Molinari M, Møller AB, Mollereau B, Mollinedo F, Mongillo M, Monick MM, Montagnaro S, Montell C, Moore DJ, Moore MN, Mora-Rodriguez R, Moreira PI, Morel E, Morelli MB, Moreno S, Morgan MJ, Moris A, Moriyasu Y, Morrison JL, Morrison LA, Morselli E, Moscat J, Moseley PL, Mostowy S, Motori E, Mottet D, Mottram JC, Moussa CE, Mpakou VE, Mukhtar H, Mulcahy Levy JM, Muller S, Muñoz-Moreno R, Muñoz-Pinedo C, Münz C, Murphy ME, Murray JT, Murthy A, Mysorekar IU, Nabi IR, Nabissi M, Nader GA, Nagahara Y, Nagai Y, Nagata K, Nagelkerke A, Nagy P, Naidu SR, Nair S, Nakano H, Nakatogawa H, Nanjundan M, Napolitano G, Naqvi NI, Nardacci R, Narendra DP, Narita M, Nascimbeni AC, Natarajan R, Navegantes LC, Nawrocki ST, Nazarko TY, Nazarko VY, Neill T, Neri LM, Netea MG, Netea-Maier RT, Neves BM, Ney PA, Nezis IP, Nguyen HT, Nguyen HP, Nicot AS, Nilsen H, Nilsson P, Nishimura M, Nishino I, Niso-Santano M, Niu H, Nixon RA, Njar VC, Noda T, Noegel AA, Nolte EM, Norberg E, Norga KK, Noureini SK, Notomi S, Notterpek L, Nowikovsky K, Nukina N, Nürnberger T, O'Donnell VB, O'Donovan T, O'Dwyer PJ, Oehme I, Oeste CL, Ogawa M, Ogretmen B, Ogura Y, Oh YJ, Ohmuraya M, Ohshima T, Ojha R, Okamoto K, Okazaki T, Oliver FJ, Ollinger K, Olsson S, Orban DP, Ordonez P, Orhon I, Orosz L, O'Rourke EJ, Orozco H, Ortega AL, Ortona E, Osellame LD, Oshima J, Oshima S, Osiewacz HD, Otomo T, Otsu K, Ou JH, Outeiro TF, Ouyang DY, Ouyang H, Overholtzer M, Ozbun MA, Ozdinler PH, Ozpolat B, Pacelli C, Paganetti P, Page G, Pages G, Pagnini U, Pajak B, Pak SC, Pakos-Zebrucka K, Pakpour N, Palková Z, Palladino F, Pallauf K, Pallet N, Palmieri M, Paludan SR, Palumbo C, Palumbo S, Pampliega O, Pan H, Pan W, Panaretakis T, Pandey A, Pantazopoulou A,

Papackova Z, Papademetrio DL, Papassideri I, Papini A, Parajuli N, Pardo J, Parekh VV, Parenti G, Park JI, Park J, Park OK, Parker R, Parlato R, Parys JB, Parzych KR, Pasquet JM, Pasquier B, Pasumarthi KB, Patschan D, Patterson C, Pattingre S, Pattison S, Pause A, Pavenstädt H, Pavone F, Pedrozo Z, Peña FJ, Peñalva MA, Pende M, Peng J, Penna F, Penninger JM, Pensalfini A, Pepe S, Pereira GJ, Pereira PC, Pérez-de la Cruz V, Pérez-Pérez ME, Pérez-Rodríguez D, Pérez-Sala D, Perier C, Perl A, Perlmutter DH, Perrotta I, Pervaiz S, Pesonen M, Pessin JE, Peters GJ, Petersen M, Petrache I, Petrof BJ, Petrovski G, Phang JM, Piacentini M, Pierdominici M, Pierre P, Pierrefite-Carle V, Pietrocola F, Pimentel-Muiños FX, Pinar M, Pineda B, Pinkas-Kramarski R, Pinti M, Pinton P, Piperdi B, Piret JM, Plataniias LC, Platta HW, Plowey ED, Pöggeler S, Poirot M, Polčić P, Poletti A, Poon AH, Popelka H, Popova B, Poprawa I, Poulouse SM, Poulton J, Powers SK, Powers T, Pozuelo-Rubio M, Prak K, Prange R, Prescott M, Priault M, Prince S, Proia RL, Proikas-Cezanne T, Prokisch H, Promponas VJ, Przyklenk K, Puertollano R, Pugazhenth S, Puglielli L, Pujol A, Puyal J, Pyeon D, Qi X, Qian WB, Qin ZH, Qiu Y, Qu Z, Quadrilatero J, Quinn F, Raben N, Rabinowich H, Radogna F, Ragusa MJ, Rahmani M, Raina K, Ramanadham S, Ramesh R, Rami A, Randall-Demllo S, Randow F, Rao H, Rao VA, Rasmussen BB, Rasse TM, Ratovitski EA, Rautou PE, Ray SK, Razani B, Reed BH, Reggiori F, Rehm M, Reichert AS, Rein T, Reiner DJ, Reits E, Ren J, Ren X, Renna M, Reusch JE, Revuelta JL, Reyes L, Rezaie AR, Richards RI, Richardson DR, Richetta C, Riehle MA, Rihn BH, Rikihisa Y, Riley BE, Rimbach G, Rippo MR, Ritis K, Rizzi F, Rizzo E, Roach PJ, Robbins J, Roberge M, Roca G, Roccheri MC, Rocha S, Rodrigues CM, Rodríguez CI, de Cordoba SR, Rodriguez-Muela N, Roelofs J, Rogov VV, Rohn TT, Rohrer B, Romanelli D, Romani L, Romano PS, Roncero MI, Rosa JL, Rosello A, Rosen KV, Rosenstiel P, Rost-Roszkowska M, Roth KA, Roué G, Rouis M, Rouschop KM, Ruan DT, Ruano D, Rubinsztein DC, Rucker EB 3rd, Rudich A, Rudolf E, Rudolf R, Ruegg MA, Ruiz-Roldan C, Ruparelia AA, Rusmini P, Russ DW, Russo GL, Russo G, Russo R, Rusten TE, Ryabovol V, Ryan KM, Ryter SW, Sabatini DM, Sacher M, Sachse C, Sack MN, Sadoshima J, Saftig P, Sagi-Eisenberg R, Sahni S, Saikumar P, Saito T, Saitoh T, Sakakura K, Sakoh-Nakatogawa M, Sakuraba Y, Salazar-Roa M, Salomoni P, Saluja AK, Salvaterra PM, Salvioli R, Samali A, Sanchez AM, Sánchez-Alcázar JA, Sanchez-Prieto R, Sandri M, Sanjuan MA, Santaguida S, Santambrogio L, Santoni G, Dos Santos CN, Saran S, Sardiello M, Sargent G, Sarkar P, Sarkar S, Sarrias MR, Sarwal MM, Sasakawa C, Sasaki M, Sass M, Sato K, Sato M, Satriano J, Savaraj N, Saveljeva S, Schaefer L, Schaible UE, Scharl M, Schatzl HM, Schekman R, Scheper W, Schiavi A, Schipper HM, Schmeisser H, Schmidt J, Schmitz I, Schneider BE, Schneider EM, Schneider JL, Schon EA, Schönenberger MJ, Schönthal AH, Schorderet DF, Schröder B, Schuck S, Schulze RJ, Schwarten M, Schwarz TL, Sciarretta S, Scotto K, Scovassi AI, Screatton RA, Screen M, Seca H, Sedej S, Segatori L, Segev N, Seglen PO, Seguí-Simarro JM, Segura-Aguilar J, Seki E, Sell C, Seiliez I, Semenkovich CF, Semenza GL, Sen U, Serra AL, Serrano-Puebla A, Sesaki H, Setoguchi T, Settembre C, Shacka JJ, Shajahan-Haq AN, Shapiro IM, Sharma S, She H, Shen CK, Shen CC, Shen HM, Shen S, Shen W, Sheng R, Sheng X, Sheng ZH, Shepherd TG, Shi J, Shi Q, Shi Q, Shi Y, Shibutani S, Shibuya K, Shidoji Y, Shieh JJ, Shih CM, Shimada Y, Shimizu S, Shin DW, Shinohara ML, Shintani M, Shintani T, Shioi T, Shirabe K, Shiri-Sverdlov R, Shirihai O, Shore GC, Shu CW, Shukla D, Sibirny AA, Sica V, Sigurdson CJ, Sigurdsson EM, Sijwali PS, Sikorska B, Silveira WA, Silvente-Poirot S, Silverman GA, Simak J, Simmet T, Simon AK, Simon HU, Simone C, Simons M, Simonsen A, Singh R, Singh SV, Singh SK, Sinha D, Sinha S, Sinicrope FA, Sirko A, Sirohi K, Sishi BJ, Sittler A, Siu PM, Sivridis E, Skwarska A, Slack R, Slaninová I, Slavov N, Smaili SS, Smalley KS, Smith DR, Soenen SJ, Soleimanpour SA, Solhaug A, Somasundaram K, Son JH, Sonawane A, Song C, Song F, Song HK, Song JX, Song W, Soo KY, Sood AK, Soong TW, Soontornniyomkij V, Sorice M, Sotgia F, Soto-Pantoja DR, Sotthibundhu A, Sousa MJ, Spaink HP, Span PN, Spang A, Sparks JD, Speck PG, Spector SA, Spies CD, Springer W, Clair DS, Stacchiotti A, Staels B, Stang MT, Starczynowski DT, Starokadomskyy P, Steegborn C, Steele JW, Stefanis L, Steffan J, Stellrecht CM, Stenmark H, Stepkowski TM, Stern ST, Stevens C, Stockwell BR, Stoka V, Storchova Z, Stork B, Stratoulas V, Stravopodis DJ, Strnad P, Strohecker AM, Ström AL, Stromhaug P, Stulik J, Su YX, Su Z, Subauste CS, Subramaniam S, Sue CM, Suh SW, Sui X, Sukserree S, Sulzer D, Sun FL, Sun J, Sun J, Sun SY, Sun Y, Sun Y, Sun Y, Sundaramoorthy V, Sung J, Suzuki H, Suzuki K, Suzuki N, Suzuki T, Suzuki YJ, Swanson MS, Swanton C, Swärd K, Swarup G, Sweeney ST, Sylvester PW, Szatmari Z, Szegezdi E, Szlosarek PW, Taegtmeyer H, Tafani M, Taillebourg E, Tait SW,

Takacs-Vellai K, Takahashi Y, Takáts S, Takemura G, Takigawa N, Talbot NJ, Tamagno E, Tamburini J, Tan CP, Tan L, Tan ML, Tan M, Tan YJ, Tanaka K, Tanaka M, Tang D, Tang D, Tang G, Tanida I, Tanji K, Tannous BA, Tapia JA, Tasset-Cuevas I, Tatar M, Tavassoly I, Tavernarakis N, Taylor A, Taylor GS, Taylor GA, Taylor JP, Taylor MJ, Tchetina EV, Tee AR, Teixeira-Clerc F, Telang S, Tencomnao T, Teng BB, Teng RJ, Terro F, Tettamanti G, Theiss AL, Theron AE, Thomas KJ, Thomé MP, Thomes PG, Thorburn A, Thorner J, Thum T, Thumm M, Thurston TL, Tian L, Till A, Ting JP, Titorenko VI, Toker L, Toldo S, Tooze SA, Topisirovic I, Torgersen ML, Torosantucci L, Torriglia A, Torrisi MR, Tournier C, Towns R, Trajkovic V, Travassos LH, Triola G, Tripathi DN, Trisciuglio D, Troncoso R, Trougakos IP, Truttmann AC, Tsai KJ, Tschan MP, Tseng YH, Tsukuba T, Tsung A, Tsvetkov AS, Tu S, Tuan HY, Tucci M, Tumbarello DA, Turk B, Turk V, Turner RF, Tveita AA, Tyagi SC, Ubukata M, Uchiyama Y, Udelnow A, Ueno T, Umekawa M, Umemiya-Shirafuji R, Underwood BR, Ungermann C, Ureshino RP, Ushioda R, Uversky VN, Uzcátegui NL, Vaccari T, Vaccaro MI, Váchová L, Vakifahmetoglu-Norberg H, Valdor R, Valente EM, Vallette F, Valverde AM, Van den Berghe G, Van Den Bosch L, van den Brink GR, van der Goot FG, van der Klei IJ, van der Laan LJ, van Doorn WG, van Egmond M, van Golen KL, Van Kaer L, van Lookeren Campagne M, Vandenabeele P, Vandenbergh W, Vanhorebeek I, Varela-Nieto I, Vasconcelos MH, Vasko R, Vavvas DG, Vega-Naredo I, Velasco G, Velentzas AD, Velentzas PD, Vellai T, Vellenga E, Vendelbo MH, Venkatachalam K, Ventura N, Ventura S, Veras PS, Verdier M, Vertessy BG, Viale A, Vidal M, Vieira HL, Vierstra RD, Vigneswaran N, Vij N, Vila M, Villar M, Villar VH, Villarroya J, Vindis C, Viola G, Viscomi MT, Vitale G, Vogl DT, Voitsekhovskaja OV, von Haefen C, von Schwarzenberg K, Voth DE, Vouret-Craviari V, Vuori K, Vyas JM, Waeber C, Walker CL, Walker MJ, Walter J, Wan L, Wan X, Wang B, Wang C, Wang CY, Wang C, Wang C, Wang C, Wang D, Wang F, Wang F, Wang G, Wang HJ, Wang H, Wang HG, Wang H, Wang HD, Wang J, Wang J, Wang M, Wang MQ, Wang PY, Wang P, Wang RC, Wang S, Wang TF, Wang X, Wang XJ, Wang XW, Wang X, Wang X, Wang Y, Wang Y, Wang Y, Wang YJ, Wang Y, Wang Y, Wang YT, Wang Y, Wang ZN, Wappner P, Ward C, Ward DM, Warnes G, Watada H, Watanabe Y, Watase K, Weaver TE, Weekes CD, Wei J, Weide T, Weihi CC, Weindl G, Weis SN, Wen L, Wen X, Wen Y, Westermann B, Weyand CM, White AR, White E, Whitton JL, Whitworth AJ, Wiels J, Wild F, Wildenberg ME, Wileman T, Wilkinson DS, Wilkinson S, Willbold D, Williams C, Williams K, Williamson PR, Winkhofer KF, Witkin SS, Wohlgemuth SE, Wollert T, Wolvetang EJ, Wong E, Wong GW, Wong RW, Wong VK, Woodcock EA, Wright KL, Wu C, Wu D, Wu GS, Wu J, Wu J, Wu M, Wu M, Wu S, Wu WK, Wu Y, Wu Z, Xavier CP, Xavier RJ, Xia GX, Xia T, Xia W, Xia Y, Xiao H, Xiao J, Xiao S, Xiao W, Xie CM, Xie Z, Xie Z, Xilouri M, Xiong Y, Xu C, Xu C, Xu F, Xu H, Xu H, Xu J, Xu J, Xu J, Xu L, Xu X, Xu Y, Xu Y, Xu ZX, Xu Z, Xue Y, Yamada T, Yamamoto A, Yamanaka K, Yamashina S, Yamashiro S, Yan B, Yan B, Yan X, Yan Z, Yanagi Y, Yang DS, Yang JM, Yang L, Yang M, Yang PM, Yang P, Yang Q, Yang W, Yang WY, Yang X, Yang Y, Yang Y, Yang Z, Yang Z, Yao MC, Yao PJ, Yao X, Yao Z, Yao Z, Yasui LS, Ye M, Yedvobnick B, Yeganeh B, Yeh ES, Yeyati PL, Yi F, Yi L, Yin XM, Yip CK, Yoo YM, Yoo YH, Yoon SY, Yoshida K, Yoshimori T, Young KH, Yu H, Yu JJ, Yu JT, Yu J, Yu L, Yu WH, Yu XF, Yu Z, Yuan J, Yuan ZM, Yue BY, Yue J, Yue Z, Zacks DN, Zacksenhaus E, Zaffaroni N, Zaglia T, Zakeri Z, Zecchini V, Zeng J, Zeng M, Zeng Q, Zervos AS, Zhang DD, Zhang F, Zhang G, Zhang GC, Zhang H, Zhang H, Zhang H, Zhang H, Zhang J, Zhang J, Zhang J, Zhang J, Zhang JP, Zhang L, Zhang L, Zhang L, Zhang L, Zhang MY, Zhang X, Zhang XD, Zhang Y, Zhang Y, Zhang Y, Zhang Y, Zhang Y, Zhao M, Zhao WL, Zhao X, Zhao YG, Zhao Y, Zhao Y, Zhao YX, Zhao Z, Zhao ZJ, Zheng D, Zheng XL, Zheng X, Zhivotovsky B, Zhong Q, Zhou GZ, Zhou G, Zhou H, Zhou SF, Zhou XJ, Zhu H, Zhu H, Zhu WG, Zhu W, Zhu XF, Zhu Y, Zhuang SM, Zhuang X, Ziparo E, Zois CE, Zoladek T, Zong WX, Zorzano A, Zughaier SM. Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*. 2016;12(1):1-222. doi: 10.1080/15548627.2015.1100356. Erratum in: *Autophagy*. 2016;12(2):443. Selliez, Iban [corrected to Seilliez, Iban]. PubMed PMID: 26799652; PubMed Central PMCID: PMC4835977.

271: Schwiedrzik CM, Bernstein B, Melloni L. Motion along the mental number line reveals shared representations for numerosity and space. *Elife*. 2016 Jan 15;5. pii: e10806. doi: 10.7554/eLife.10806. PubMed PMID: 26771249; PubMed Central PMCID: PMC4764558.

272: Morrissy AS, Garzia L, Shih DJ, Zuyderduyn S, Huang X, Skowron P, Remke M, Cavalli FM, Ramaswamy V, Lindsay PE, Jelveh S, Donovan LK, Wang X, Luu B, Zayne K, Li Y, Mayoh C, Thiessen N, Mercier E, Mungall KL, Ma Y, Tse K, Zeng T, Shumansky K, Roth AJ, Shah S, Farooq H, Kijima N, Holgado BL, Lee JJ, Matan-Lithwick S, Liu J, Mack SC, Manno A, Michealraj KA, Nor C, Peacock J, Qin L, Reimand J, Rolider A, Thompson YY, Wu X, Pugh T, Ally A, Bilenky M, Butterfield YS, Carlsen R, Cheng Y, Chuah E, Corbett RD, Dhalla N, He A, Lee D, Li HI, Long W, Mayo M, Plettner P, Qian JQ, Schein JE, Tam A, Wong T, Birol I, Zhao Y, Faria CC, Pimentel J, Nunes S, Shalaby T, Grotzer M, Pollack IF, Hamilton RL, Li XN, Bendel AE, Fults DW, Walter AW, Kumabe T, Tominaga T, Collins VP, Cho YJ, Hoffman C, Lyden D, Wisoff JH, Garvin JH Jr, Stearns DS, Massimi L, Schüller U, Sterba J, Zitterbart K, Puget S, Ayrault O, Dunn SE, Tirapelli DP, Carlotti CG, Wheeler H, Hallahan AR, Ingram W, MacDonald TJ, Olson JJ, Van Meir EG, Lee JY, Wang KC, Kim SK, Cho BK, Pietsch T, Fleischhack G, Tippelt S, Ra YS, Bailey S, Lindsey JC, Clifford SC, Eberhart CG, Cooper MK, Packer RJ, Massimino M, Garre ML, Bartels U, Tabori U, Hawkins CE, Dirks P, Bouffet E, Rutka JT, Wechsler-Reya RJ, Weiss WA, Collier LS, Dupuy AJ, Korshunov A, Jones DT, Kool M, Northcott PA, Pfister SM, Largaespada DA, Mungall AJ, Moore RA, Jabado N, Bader GD, Jones SJ, Malkin D, Marra MA, Taylor MD. Divergent clonal selection dominates medulloblastoma at recurrence. *Nature*. 2016 Jan 21;529(7586):351-7. doi: 10.1038/nature16478. Epub 2016 Jan 13. PubMed PMID: 26760213; PubMed Central PMCID: PMC4936195.

273: Nelson AP, Roper BL, Slomine BS, Morrison C, Greher MR, Janusz J, Larson JC, Meadows ME, Ready RE, Rivera Mindt M, Whiteside DM, Willment K, Wodushek TR. [Formula: see text]Official Position of the American Academy of Clinical Neuropsychology (AACN): Guidelines for Practicum Training in Clinical Neuropsychology. *Clin Neuropsychol*. 2015;29(7):879-904. doi: 10.1080/13854046.2015.1117658. Epub 2016 Jan 12. Review. PubMed PMID: 26753742.

274: Hepburn-Smith M, Dynkevich I, Spektor M, Lord A, Czeisler B, Lewis A. Establishment of an External Ventricular Drain Best Practice Guideline: The Quest for a Comprehensive, Universal Standard for External Ventricular Drain Care. *J Neurosci Nurs*. 2016 Feb;48(1):54-65. doi: 10.1097/JNN.0000000000000174. Review. PubMed PMID: 26720321.

275: Ahmed KA, Stallworth DG, Kim Y, Johnstone PA, Harrison LB, Caudell JJ, Yu HH, Etame AB, Weber JS, Gibney GT. Clinical outcomes of melanoma brain metastases treated with stereotactic radiation and anti-PD-1 therapy. *Ann Oncol*. 2016 Mar;27(3):434-41. doi: 10.1093/annonc/mdv622. Epub 2015 Dec 27. PubMed PMID: 26712903.

276: Lafage R, Schwab F, Challier V, Henry JK, Gum J, Smith J, Hostin R, Shaffrey C, Kim HJ, Ames C, Scheer J, Klineberg E, Bess S, Burton D, Lafage V; International Spine Study Group. Defining Spino-Pelvic Alignment Thresholds: Should Operative Goals in Adult Spinal Deformity Surgery Account for Age? *Spine (Phila Pa 1976)*. 2016 Jan;41(1):62-8. doi: 10.1097/BRS.0000000000001171. PubMed PMID: 26689395.

277: Bouffet E, Allen JC, Boyett JM, Yates A, Gilles F, Burger PC, Davis RL, Becker LE, Pollack IF, Finlay JL. The influence of central review on outcome in malignant gliomas of the spinal cord: the CCG-945 experience. *J Neurosurg Pediatr*. 2016 Apr;17(4):453-9. doi: 10.3171/2015.10.PEDS1581. Epub 2015 Dec 18. PubMed PMID: 26684767; PubMed Central PMCID: PMC5040185.

278: Couch JD, Gilman AM, Doyle WK. Long-term Expectations of Vagus Nerve Stimulation: A Look at Battery Replacement and Revision Surgery. *Neurosurgery*. 2016 Jan;78(1):42-6. doi: 10.1227/NEU.0000000000000985. PubMed PMID: 26678088.

279: Ding D, Starke RM, Kano H, Mathieu D, Huang P, Kondziolka D, Feliciano C, Rodriguez-Mercado R, Almodovar L, Grills IS, Silva D, Abbassy M, Missios S, Barnett GH, Lunsford LD, Sheehan JP. Radiosurgery for Cerebral Arteriovenous Malformations in A Randomized Trial of Unruptured Brain

- Arteriovenous Malformations (ARUBA)-Eligible Patients: A Multicenter Study. *Stroke*. 2016 Feb;47(2):342-9. doi: 10.1161/STROKEAHA.115.011400. Epub 2015 Dec 10. PubMed PMID: 26658441.
- 280: Devin CJ, Chotai S, McGirt MJ, Vaccaro AR, Youssef JA, Orndorff DG, Arnold PM, Frempong-Boadu AK, Lieberman IH, Branch C, Hedayat HS, Liu A, Wang JC, Isaacs RE, Radcliff KE, Patt JC, Archer KR. Intrawound Vancomycin Decreases the Risk of Surgical Site Infection After Posterior Spine Surgery: A Multicenter Analysis. *Spine (Phila Pa 1976)*. 2018 Jan 1;43(1):65-71. doi: 10.1097/BRS.0000000000001371. PubMed PMID: 26656042.
- 281: Lee JS, Graham R, Bassiur JP, Lichtenthal RM. Evaluation of a Local Anesthesia Simulation Model with Dental Students as Novice Clinicians. *J Dent Educ*. 2015 Dec;79(12):1411-7. PubMed PMID: 26632295.
- 282: Thakur SK, Rubin BA, Harter DH. Long-term follow-up for lumbar intrathecal baclofen catheters placed using the paraspinal subfascial technique. *J Neurosurg Pediatr*. 2016 Mar;17(3):357-60. doi: 10.3171/2015.7.PEDS15137. Epub 2015 Nov 20. PubMed PMID: 26588457.
- 283: Weiner HL. Editorial: Hypothalamic hamartomas. *J Neurosurg*. 2016 May;124(5):1501-2. doi: 10.3171/2015.5.JNS15785. Epub 2015 Nov 20. PubMed PMID: 26587659.
- 284: Nahed BV, Redjal N, Brat DJ, Chi AS, Oh K, Batchelor TT, Ryken TC, Kalkanis SN, Olson JJ. Management of patients with recurrence of diffuse Low-grade glioma: A systematic review and evidence-based clinical practice guideline. *J Neurooncol*. 2015 Dec;125(3):609-30. doi: 10.1007/s11060-015-1910-2. Epub 2015 Nov 3. Review. PubMed PMID: 26530264.
- 285: Shin SM, Cooper BT, Chachoua A, Butler J, Donahue B, Silverman JS, Kondziolka D. Survival but not brain metastases response relates to lung cancer mutation status after radiosurgery. *J Neurooncol*. 2016 Feb;126(3):483-91. doi: 10.1007/s11060-015-1986-8. Epub 2015 Oct 31. PubMed PMID: 26520640.
- 286: Lewis A, Varelas P, Greer D. Prolonging Support After Brain Death: When Families Ask for More. *Neurocrit Care*. 2016 Jun;24(3):481-7. doi: 10.1007/s12028-015-0209-7. PubMed PMID: 26490777.
- 287: Samadani U. A new tool for monitoring brain function: eye tracking goes beyond assessing attention to measuring central nervous system physiology. *Neural Regen Res*. 2015 Aug;10(8):1231-3. doi: 10.4103/1673-5374.162752. PubMed PMID: 26487847; PubMed Central PMCID: PMC4590232.
- 288: Lee J, Jain R, Khalil K, Griffith B, Bosca R, Rao G, Rao A. Texture Feature Ratios from Relative CBV Maps of Perfusion MRI Are Associated with Patient Survival in Glioblastoma. *AJNR Am J Neuroradiol*. 2016 Jan;37(1):37-43. doi: 10.3174/ajnr.A4534. Epub 2015 Oct 15. PubMed PMID: 26471746; PubMed Central PMCID: PMC4713240.
- 289: Shin SM, Vatner RE, Tam M, Golfinos JG, Narayana A, Kondziolka D, Silverman JS. Resection Followed by Involved-Field Fractionated Radiotherapy in the Management of Single Brain metastases. *Front Oncol*. 2015 Sep 22;5:206. doi: 10.3389/fonc.2015.00206. eCollection 2015. PubMed PMID: 26442218; PubMed Central PMCID: PMC4585114.
- 290: Soroceanu A, Diebo BG, Burton D, Smith JS, Deviren V, Shaffrey C, Kim HJ, Mundis G, Ames C, Errico T, Bess S, Hostin R, Hart R, Schwab F, Lafage V; International Spine Study Group. Radiographical and Implant-Related Complications in Adult Spinal Deformity Surgery: Incidence, Patient Risk Factors, and Impact on Health-Related Quality of Life. *Spine (Phila Pa 1976)*. 2015 Sep 15;40(18):1414-21. doi: 10.1097/BRS.0000000000001020. PubMed PMID: 26426712.

- 291: Mitrasinovic S, Camacho E, Trivedi N, Logan J, Campbell C, Zilinyi R, Lieber B, Bruce E, Taylor B, Martineau D, Dumont EL, Appelboom G, Connolly ES Jr. Clinical and surgical applications of smart glasses. *Technol Health Care*. 2015;23(4):381-401. doi: 10.3233/THC-150910. Review. PubMed PMID: 26409906.
- 292: Kane JR. From histology to neurocognition: the influence of tumor grade in glioma of the left temporal lobe on neurocognitive function. *Neuro Oncol*. 2015 Oct;17(10):1420-1. doi: 10.1093/neuonc/nov150. PubMed PMID: 26395062; PubMed Central PMCID: PMC4578591.
- 293: Lewis A, Wahlster S, Karinja S, Czeisler BM, Kimberly WT, Lord AS. Ventriculostomy-related infections: The performance of different definitions for diagnosing infection. *Br J Neurosurg*. 2016;30(1):49-56. doi: 10.3109/02688697.2015.1080222. Epub 2015 Sep 15. PubMed PMID: 26372297; PubMed Central PMCID: PMC4870889.
- 294: LeMonda BC, Peck CP, Giles KJ, Bowers D. Neurocognitive Profile of a Woman with Susac's Syndrome: Further Evidence of Cognitive Variability. *Clin Neuropsychol*. 2015;29(5):689-706. doi: 10.1080/13854046.2015.1076891. PubMed PMID: 26367343.
- 295: Grandhi R, Newman WC, Zhang X, Harrison G, Moran C, Okonkwo DO, Ducruet AF. Administration of 4-Factor Prothrombin Complex Concentrate as an Antidote for Intracranial Bleeding in Patients Taking Direct Factor Xa Inhibitors. *World Neurosurg*. 2015 Dec;84(6):1956-61. doi: 10.1016/j.wneu.2015.08.042. Epub 2015 Sep 1. PubMed PMID: 26341438.
- 296: Mansouri A, Cooper B, Shin SM, Kondziolka D. Randomized controlled trials and neurosurgery: the ideal fit or should alternative methodologies be considered? *J Neurosurg*. 2016 Feb;124(2):558-68. doi: 10.3171/2014.12.JNS142465. Epub 2015 Aug 28. Review. PubMed PMID: 26315006.
- 297: Adamantidis A, Arber S, Bains JS, Bamberg E, Bonci A, Buzsáki G, Cardin JA, Costa RM, Dan Y, Goda Y, Graybiel AM, Häusser M, Hegemann P, Huguenard JR, Insel TR, Janak PH, Johnston D, Josselyn SA, Koch C, Kreitzer AC, Lüscher C, Malenka RC, Miesenböck G, Nagel G, Roska B, Schnitzer MJ, Shenoy KV, Soltesz I, Sternson SM, Tsien RW, Tsien RY, Turrigiano GG, Tye KM, Wilson RI. Optogenetics: 10 years after ChR2 in neurons—views from the community. *Nat Neurosci*. 2015 Sep;18(9):1202-12. doi: 10.1038/nn.4106. Review. PubMed PMID: 26308981.
- 298: Mansouri A, Aldakkan A, Badhiwala JH, Taslimi S, Kondziolka D. A Practical Methodological Approach Towards Identifying Core Competencies in Medical Education Based on Literature Trends: A Feasibility Study Based on Vestibular Schwannoma Science. *Neurosurgery*. 2015 Oct;77(4):594-602; discussion 602-3. doi: 10.1227/NEU.0000000000000837. Review. PubMed PMID: 26308645.
- 299: Mansouri A, Shin S, Cooper B, Srivastava A, Bhandari M, Kondziolka D. Randomized controlled trials and neuro-oncology: should alternative designs be considered? *J Neurooncol*. 2015 Sep;124(3):345-56. doi: 10.1007/s11060-015-1870-6. Epub 2015 Aug 22. Review. PubMed PMID: 26297044.
- 300: Shapiro M, Ollenschleger MD, Baccin C, Becske T, Spiegel GR, Wang Y, Song X, Raz E, Zumofen D, Potts MB, Nelson PK. Foreign Body Emboli following Cerebrovascular Interventions: Clinical, Radiographic, and Histopathologic Features. *AJNR Am J Neuroradiol*. 2015 Nov;36(11):2121-6. doi: 10.3174/ajnr.A4415. Epub 2015 Aug 20. PubMed PMID: 26294650.
- 301: Schnurman Z, Kondziolka D. Evaluating innovation. Part 2: Development in neurosurgery. *J Neurosurg*. 2016 Jan;124(1):212-23. doi: 10.3171/2015.1.JNS142664. Epub 2015 Aug 7. PubMed PMID: 26252459.

302: Schnurman Z, Kondziolka D. Evaluating innovation. Part 1: The concept of progressive scholarly acceptance. *J Neurosurg.* 2016 Jan;124(1):207-11. doi: 10.3171/2015.1.JNS142661. Epub 2015 Aug 7. PubMed PMID: 26252458.

303: Samadani U, Li M, Qian M, Laska E, Ritlop R, Kolecki R, Reyes M, Altomare L, Sone JY, Adem A, Huang P, Kondziolka D, Wall S, Frangos S, Marmar C. Sensitivity and specificity of an eye movement tracking-based biomarker for concussion. *Concussion.* 2015 Aug 6;1(1):CNC3. doi: 10.2217/cnc.15.3. eCollection 2016 Mar. PubMed PMID: 30202548; PubMed Central PMCID: PMC6114025.

304: Warrender-Sparkes M, Spelman T, Izquierdo G, Trojano M, Lugaresi A, Grand'Maison F, Havrdova E, Horakova D, Boz C, Oreja-Guevara C, Alroughani R, Iuliano G, Duquette P, Girard M, Terzi M, Hupperts R, Grammond P, Petersen T, Fernandez-Bolaños R, Fiol M, Pucci E, Lechner-Scott J, Verheul F, Cristiano E, Van Pesch V, Petkovska-Boskova T, Moore F, Kister I, Bergamaschi R, Saladino ML, Slee M, Barnett M, Amato MP, Shaw C, Shuey N, Young C, Gray O, Kappos L, Butzkueven H, Kalincik T, Jokubaitis V; MSBase study group. The effect of oral immunomodulatory therapy on treatment uptake and persistence in multiple sclerosis. *Mult Scler.* 2016 Apr;22(4):520-32. doi: 10.1177/1352458515594041. Epub 2015 Jul 21. PubMed PMID: 26199347.

305: Kondziolka D. Skull Base Meningiomas: Aggressive vs Conservative. *Neurosurgery.* 2015 Aug;62 Suppl 1:25-9. doi: 10.1227/NEU.0000000000000800. PubMed PMID: 26181917.

306: Harrison G, Kano H, Lunsford LD, Flickinger JC, Kondziolka D. Quantitative tumor volumetric responses after Gamma Knife radiosurgery for meningiomas. *J Neurosurg.* 2016 Jan;124(1):146-54. doi: 10.3171/2014.12.JNS141341. Epub 2015 Jul 10. PubMed PMID: 26162039.

307: Sahlein DH, Fouladvand M, Becske T, Saatci I, McDougall CG, Szikora I, Lanzino G, Moran CJ, Woo HH, Lopes DK, Berez AL, Cher DJ, Siddiqui AH, Levy EI, Albuquerque FC, Fiorella DJ, Berentei Z, Marosfoi M, Cekirge SH, Kallmes DF, Nelson PK. Neuroophthalmological outcomes associated with use of the Pipeline Embolization Device: analysis of the PUFs trial results. *J Neurosurg.* 2015 Oct;123(4):897-905. doi: 10.3171/2014.12.JNS141777. Epub 2015 Jul 10. PubMed PMID: 26162031.

308: Fallah A, Rodgers SD, Weil AG, Vadera S, Mansouri A, Connolly MB, Major P, Ma T, Devinsky O, Weiner HL, Gonzalez-Martinez JA, Bingaman WE, Najm I, Gupta A, Ragheb J, Bhatia S, Steinbok P, Witiw CD, Widjaja E, Snead OC, Rutka JT. Resective Epilepsy Surgery for Tuberous Sclerosis in Children: Determining Predictors of Seizure Outcomes in a Multicenter Retrospective Cohort Study. *Neurosurgery.* 2015 Oct;77(4):517-24; discussion 524. doi: 10.1227/NEU.0000000000000875. PubMed PMID: 26120800.

309: Kano H, Sheehan J, Sneed PK, McBride HL, Young B, Duma C, Mathieu D, Seymour Z, McDermott MW, Kondziolka D, Iyer A, Lunsford LD. Skull base chondrosarcoma radiosurgery: report of the North American Gamma Knife Consortium. *J Neurosurg.* 2015 Nov;123(5):1268-75. doi: 10.3171/2014.12.JNS132580. Epub 2015 Jun 26. PubMed PMID: 26115468.

310: Lumish HS, Wynn J, Devinsky O, Chung WK. Brief Report: SETD2 Mutation in a Child with Autism, Intellectual Disabilities and Epilepsy. *J Autism Dev Disord.* 2015 Nov;45(11):3764-70. doi: 10.1007/s10803-015-2484-8. PubMed PMID: 26084711.

311: Andrews BT, Thurston TE, Tanna N, Broer PN, Levine JP, Kumar A, Bradley JP. A Multicenter Experience With Image-Guided Surgical Navigation: Broadening Clinical Indications in Complex Craniomaxillofacial Surgery. *J Craniofac Surg.* 2015 Jun;26(4):1136-9. doi: 10.1097/SCS.0000000000001672. PubMed PMID: 26080143.

312: Manchikanti L, Nampiaparampil DE, Manchikanti KN, Falco FJ, Singh V, Benyamin RM, Kaye AD,

Sehgal N, Sooin A, Simopoulos TT, Bakshi S, Gharibo CG, Gilligan CJ, Hirsch JA. Comparison of the efficacy of saline, local anesthetics, and steroids in epidural and facet joint injections for the management of spinal pain: A systematic review of randomized controlled trials. *Surg Neurol Int.* 2015 May 7;6(Suppl 4):S194-235. doi: 10.4103/2152-7806.156598. eCollection 2015. PubMed PMID: 26005584; PubMed Central PMCID: PMC4431057.

313: Pourfar MH, Mogilner AY, Farris S, Giroux M, Gillego M, Zhao Y, Blum D, Bokil H, Pierre MC. Model-Based Deep Brain Stimulation Programming for Parkinson's Disease: The GUIDE Pilot Study. *Stereotact Funct Neurosurg.* 2015;93(4):231-9. doi: 10.1159/000375172. Epub 2015 May 14. PubMed PMID: 25998447.

314: Ali R, Khan M, Chang V, Narang J, Jain R, Marin H, Rock J, Kole M. MRI Pre- and Post-Embolization Enhancement Patterns Predict Surgical Outcomes in Intracranial Meningiomas. *J Neuroimaging.* 2016 Jan-Feb;26(1):130-5. doi: 10.1111/jon.12256. Epub 2015 May 21. PubMed PMID: 25996574.

315: Pajtler KW, Witt H, Sill M, Jones DT, Hovestadt V, Kratochwil F, Wani K, Tatevossian R, Punchihewa C, Johann P, Reimand J, Warnatz HJ, Ryzhova M, Mack S, Ramaswamy V, Capper D, Schweizer L, Sieber L, Wittmann A, Huang Z, van Sluis P, Volckmann R, Koster J, Versteeg R, Fuets D, Toledano H, Avigad S, Hoffman LM, Donson AM, Foreman N, Hewer E, Zitterbart K, Gilbert M, Armstrong TS, Gupta N, Allen JC, Karajannis MA, Zagzag D, Hasselblatt M, Kulozik AE, Witt O, Collins VP, von Hoff K, Rutkowski S, Pietsch T, Bader G, Yaspo ML, von Deimling A, Lichter P, Taylor MD, Gilbertson R, Ellison DW, Aldape K, Korshunov A, Kool M, Pfister SM. Molecular Classification of Ependymal Tumors across All CNS Compartments, Histopathological Grades, and Age Groups. *Cancer Cell.* 2015 May 11;27(5):728-43. doi: 10.1016/j.ccell.2015.04.002. PubMed PMID: 25965575; PubMed Central PMCID: PMC4712639.

316: Kepp O, Senovilla L, Vitale I, Vacchelli E, Adjemian S, Agostinis P, Apetoh L, Aranda F, Barnaba V, Bloy N, Bracci L, Breckpot K, Brough D, Buqué A, Castro MG, Cirone M, Colombo MI, Cremer I, Demaria S, Dini L, Eliopoulos AG, Faggioni A, Formenti SC, Fučíková J, Gabriele L, Gaip US, Galon J, Garg A, Ghiringhelli F, Giese NA, Guo ZS, Hemminki A, Herrmann M, Hodge JW, Holdenrieder S, Honeychurch J, Hu HM, Huang X, Illidge TM, Kono K, Korbelik M, Krysko DV, Loi S, Lowenstein PR, Lugli E, Ma Y, Madeo F, Manfredi AA, Martins I, Mavilio D, Menger L, Merendino N, Michaud M, Mignot G, Mossman KL, Multhoff G, Oehler R, Palombo F, Panaretakis T, Pol J, Proietti E, Ricci JE, Riganti C, Rovere-Querini P, Rubartelli A, Sistigu A, Smyth MJ, Sonnemann J, Spisek R, Stagg J, Sukkurwala AQ, Tartour E, Thorburn A, Thorne SH, Vandenabeele P, Velotti F, Workenhe ST, Yang H, Zong WX, Zitvogel L, Kroemer G, Galluzzi L. Consensus guidelines for the detection of immunogenic cell death. *Oncoimmunology.* 2014 Dec 13;3(9):e955691. eCollection 2014 Oct. Review. PubMed PMID: 25941621; PubMed Central PMCID: PMC4292729.

317: Benjamin C, Faustin A, Snuderl M, Pacione D. Anaplastic pleomorphic xanthoastrocytoma with spinal leptomeningeal spread at the time of diagnosis in an adult. *J Clin Neurosci.* 2015 Aug;22(8):1370-3. doi: 10.1016/j.jocn.2015.02.026. Epub 2015 Apr 28. Review. PubMed PMID: 25934112.

318: Oermann EK, Ding D, Yen CP, Starke RM, Bederson JB, Kondziolka D, Sheehan JP. Effect of Prior Embolization on Cerebral Arteriovenous Malformation Radiosurgery Outcomes: A Case-Control Study. *Neurosurgery.* 2015 Sep;77(3):406-17; discussion 417. doi: 10.1227/NEU.0000000000000772. PubMed PMID: 25875580.

319: Strom RG, Mathur V, Givans H, Kondziolka DS, Perin NI. Technical modifications and decision-making to reduce morbidity in thoracic disc surgery: An institutional experience and treatment algorithm. *Clin Neurol Neurosurg.* 2015 Jun;133:75-82. doi: 10.1016/j.clineuro.2015.03.014. Epub

2015 Mar 31. PubMed PMID: 25867235.

320: Costa MA, Ackerman LL, Tholpady SS, Greathouse ST, Tahiri Y, Flores RL. Spring-assisted cranial vault expansion in the setting of multisutural craniosynostosis and anomalous venous drainage: case report. *J Neurosurg Pediatr.* 2015 Jul;16(1):80-5. doi: 10.3171/2014.12.PEDS14604. Epub 2015 Apr 10. PubMed PMID: 25860985.

321: Carter BJ, Griffith BD, Schultz LR, Abdulhak MM, Newman DS, Jain R. Idiopathic spinal cord herniation: an imaging diagnosis with a significant delay. *Spine J.* 2015 Sep 1;15(9):1943-8. doi: 10.1016/j.spinee.2015.04.013. Epub 2015 Apr 6. PubMed PMID: 25857588.

322: Cook CE, Arnold PM, Passias PG, Frempong-Boadu AK, Radcliff K, Isaacs R; Association for Collaborative Spine Research (ACSR). Predictors of pain and disability outcomes in one thousand, one hundred and eight patients who underwent lumbar discectomy surgery. *Int Orthop.* 2015 Nov;39(11):2143-51. doi: 10.1007/s00264-015-2748-0. Epub 2015 Apr 1. PubMed PMID: 25823517.

323: Kano H, Shuto T, Iwai Y, Sheehan J, Yamamoto M, McBride HL, Sato M, Serizawa T, Yomo S, Moriki A, Kohda Y, Young B, Suzuki S, Kenai H, Duma C, Kikuchi Y, Mathieu D, Akabane A, Nagano O, Kondziolka D, Lunsford LD. Stereotactic radiosurgery for intracranial hemangioblastomas: a retrospective international outcome study. *J Neurosurg.* 2015 Jun;122(6):1469-78. doi: 10.3171/2014.10.JNS131602. Epub 2015 Mar 27. PubMed PMID: 25816088.

324: Grobelny BT, Weiner HL, Harter DH. Intramedullary spinal epidermoid presenting after thoracic meningocele repair: case report. *J Neurosurg Pediatr.* 2015 Jun;15(6):641-3. doi: 10.3171/2014.12.PEDS14270. Epub 2015 Mar 27. PubMed PMID: 25815631.

325: Neuburger PJ, Chacon MM, Luria BJ, Manrique-Espinel AM, Ngai JY, Grossi EA, Loulmet DF. Does paravertebral blockade facilitate immediate extubation after totally endoscopic robotic mitral valve repair surgery? *Innovations (Phila).* 2015 Mar-Apr;10(2):96-100. doi: 10.1097/IMI.0000000000000134. PubMed PMID: 25803773.

326: Balser D, Farooq S, Mehmood T, Reyes M, Samadani U. Actual and projected incidence rates for chronic subdural hematomas in United States Veterans Administration and civilian populations. *J Neurosurg.* 2015 Nov;123(5):1209-15. doi: 10.3171/2014.9.JNS141550. Epub 2015 Mar 20. PubMed PMID: 25794342; PubMed Central PMCID: PMC4575892.

327: Akamnonu C, Cheriyan T, Goldstein JA, Lafage V, Errico TJ, Bendo JA. Unplanned hospital readmission after surgical treatment of common lumbar pathologies: rates and causes. *Spine (Phila Pa 1976).* 2015 Mar 15;40(6):423-8. doi: 10.1097/BRS.0000000000000759. PubMed PMID: 25774465.

328: Rush S, Boccio E, Kharod CU, D'Amore J. Evolution of Pararescue medicine during operation Enduring Freedom. *Mil Med.* 2015 Mar;180(3 Suppl):68-73. doi: 10.7205/MILMED-D-14-00403. Review. PubMed PMID: 25747635.

329: Dougherty DD, Rezai AR, Carpenter LL, Howland RH, Bhati MT, O'Reardon JP, Eskandar EN, Baltuch GH, Machado AD, Kondziolka D, Cusin C, Evans KC, Price LH, Jacobs K, Pandya M, Denko T, Tyrka AR, Brelje T, Deckersbach T, Kubu C, Malone DA Jr. A Randomized Sham-Controlled Trial of Deep Brain Stimulation of the Ventral Capsule/Ventral Striatum for Chronic Treatment-Resistant Depression. *Biol Psychiatry.* 2015 Aug 15;78(4):240-8. doi: 10.1016/j.biopsych.2014.11.023. Epub 2014 Dec 13. PubMed PMID: 25726497.

330: Harrison G, Lunsford LD, Monaco Iii EA. Gamma Knife Stereotactic Radiosurgery for Trigeminal Neuralgia Caused by a Developmental Venous Anomaly. *Stereotact Funct Neurosurg.*

2015;93(2):110-113. Epub 2015 Feb 18. PubMed PMID: 25721130.

331: Grandhi R, Harrison G, Voronovich Z, Bauer J, Chen SH, Nicholas D, Alarcon LH, Okonkwo DO. Preinjury warfarin, but not antiplatelet medications, increases mortality in elderly traumatic brain injury patients. *J Trauma Acute Care Surg*. 2015 Mar;78(3):614-21. doi: 10.1097/TA.0000000000000542. PubMed PMID: 25710435.

332: Fine HA. New strategies in glioblastoma: exploiting the new biology. *Clin Cancer Res*. 2015 May 1;21(9):1984-8. doi: 10.1158/1078-0432.CCR-14-1328. Epub 2015 Feb 10. Review. PubMed PMID: 25670220.

333: Kondziolka D. Comment on the paper by Doshi et al. Entitled 'bilateral pedunculopontine nucleus stimulation for progressive supranuclear palsy'. *Stereotact Funct Neurosurg*. 2015;93(1):66. doi: 10.1159/000369771. Epub 2015 Jan 31. PubMed PMID: 25659372.

334: Dellon AL, Coady D, Harris D. Pelvic pain of pudendal nerve origin: surgical outcomes and learning curve lessons. *J Reconstr Microsurg*. 2015 May;31(4):283-90. doi: 10.1055/s-0034-1396896. Epub 2015 Jan 28. PubMed PMID: 25629207.

335: Neuburger PJ, Ngai JY, Chacon MM, Luria B, Manrique-Espinel AM, Kline RP, Grossi EA, Loulmet DF. A Prospective Randomized Study of Paravertebral Blockade in Patients Undergoing Robotic Mitral Valve Repair. *J Cardiothorac Vasc Anesth*. 2015 Aug;29(4):930-6. doi: 10.1053/j.jvca.2014.10.010. Epub 2015 Jan 23. PubMed PMID: 25620765.

336: Mansouri A, Guha D, Klironomos G, Larjani S, Zadeh G, Kondziolka D. Stereotactic radiosurgery for intracranial meningiomas: current concepts and future perspectives. *Neurosurgery*. 2015 Apr;76(4):362-71. doi: 10.1227/NEU.0000000000000633. Review. PubMed PMID: 25599213.

337: Grandhi R, Hunnicutt CT, Harrison G, Zwagerman NT, Snyderman CH, Gardner PA, Hartman DJ, Horowitz M. Comparing Angiographic Devascularization with Histologic Penetration after Preoperative Tumor Embolization with Onyx: What Indicates an Effective Procedure? *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jul;76(4):309-17. doi: 10.1055/s-0034-1394191. Epub 2015 Jan 16. PubMed PMID: 25594815.

338: Crawford CH 3rd, Ledonio CG, Bess RS, Buchowski JM, Burton DC, Hu SS, Lonner BS, Polly DW, Smith JS, Sanders JO. Current Evidence Regarding the Surgical and Nonsurgical Treatment of Pediatric Lumbar Spondylolysis: A Report from the Scoliosis Research Society Evidence-Based Medicine Committee. *Spine Deform*. 2015 Jan;3(1):30-44. doi: 10.1016/j.jspd.2014.06.004. Epub 2014 Dec 18. PubMed PMID: 27927449.

339: Crawford CH 3rd, Ledonio CG, Bess RS, Buchowski JM, Burton DC, Hu SS, Lonner BS, Polly DW, Smith JS, Sanders JO. Current Evidence Regarding the Etiology, Prevalence, Natural History, and Prognosis of Pediatric Lumbar Spondylolysis: A Report from the Scoliosis Research Society Evidence-Based Medicine Committee. *Spine Deform*. 2015 Jan;3(1):12-29. doi: 10.1016/j.jspd.2014.06.005. Epub 2014 Dec 18. PubMed PMID: 27927448.

340: Lewis A, Kimberly TW. A retrospective analysis of cerebrospinal fluid drainage volume in subarachnoid hemorrhage and the need for early or late ventriculoperitoneal shunt placement. *J Neurosurg Sci*. 2016 Sep;60(3):289-95. Epub 2014 Dec 17. PubMed PMID: 25516013.

341: Na M, Ge H, Shi C, Shen H, Wang Y, Pu S, Liu L, Wang H, Xie C, Zhu M, Wang J, Shi C, Lin Z. Long-term seizure outcome for international consensus classification of hippocampal sclerosis: a survival analysis. *Seizure*. 2015 Feb;25:141-6. doi: 10.1016/j.seizure.2014.10.006. Epub 2014 Oct 17. PubMed

PMID: 25455728.

342: Peach T, Cornhill JF, Nguyen A, Riina H, Ventikos Y. The 'Sphere': A Dedicated Bifurcation Aneurysm Flow-Diverter Device. *Cardiovasc Eng Technol*. 2014;5(4):334-347. Epub 2014 Aug 26. PubMed PMID: 25400707; PubMed Central PMCID: PMC4226933.

343: Kondziolka D, Shin SM, Brunswick A, Kim I, Silverman JS. The biology of radiosurgery and its clinical applications for brain tumors. *Neuro Oncol*. 2015 Jan;17(1):29-44. doi: 10.1093/neuonc/nou284. Epub 2014 Sep 28. Review. PubMed PMID: 25267803; PubMed Central PMCID: PMC4483054.

344: Wirth D, Snuderl M, Curry W, Yaroslavsky A. Comparative evaluation of methylene blue and demeclocycline for enhancing optical contrast of gliomas in optical images. *J Biomed Opt*. 2014 Sep;19(9):90504. doi: 10.1117/1.JBO.19.9.090504. PubMed PMID: 25239672.

345: Svrakic M, Pollack A, Huncke TK, Roland JT Jr. Conscious sedation and local anesthesia for patients undergoing neurotologic and complex otologic procedures. *Otol Neurotol*. 2014 Dec;35(10):e277-85. doi: 10.1097/MAO.0000000000000576. PubMed PMID: 25226374.

346: Cianfoni A, Raz E, Mauri S, Di Lascio S, Reinert M, Pesce G, Bonaldi G. Vertebral augmentation for neoplastic lesions with posterior wall erosion and epidural mass. *AJNR Am J Neuroradiol*. 2015 Jan;36(1):210-8. doi: 10.3174/ajnr.A4096. Epub 2014 Sep 11. PubMed PMID: 25213884.

347: Kim I, Torrey SB, Milla SS, Torch MC, Tunik MG, Foltin JC. Benefits of brain magnetic resonance imaging over computed tomography in children requiring emergency evaluation of ventriculoperitoneal shunt malfunction: reducing lifetime attributable risk of cancer. *Pediatr Emerg Care*. 2015 Apr;31(4):239-42. doi: 10.1097/PEC.0000000000000248. PubMed PMID: 25188755.

348: Rush S, D'Amore J, Boccio E. A review of the evolution of intraosseous access in tactical settings and a feasibility study of a human cadaver model for a humeral head approach. *Mil Med*. 2014 Aug;179(8 Suppl):24-8. doi: 10.7205/MILMED-D-13-00484. PubMed PMID: 25102545.

349: Na M, Liu Y, Shi C, Gao W, Ge H, Wang Y, Wang H, Long Y, Shen H, Shi C, Lin Z. Prognostic value of CA4/DG volumetry with 3T magnetic resonance imaging on postoperative outcome of epilepsy patients with dentate gyrus pathology. *Epilepsy Res*. 2014 Oct;108(8):1315-25. doi: 10.1016/j.eplepsyres.2014.06.005. Epub 2014 Jul 7. PubMed PMID: 25085233.

350: Dellon AL, Coady D. Vulvar and pelvic pain terminology review: implications for microsurgeons. *Microsurgery*. 2015 Feb;35(2):85-90. doi: 10.1002/micr.22298. Epub 2014 Jul 25. PubMed PMID: 25060229.

351: Starke RM, Sheehan JP, Ding D, Liu KC, Kondziolka D, Crowley RW, Lunsford LD, Kassell NF. Conservative management or intervention for unruptured brain arteriovenous malformations. *World Neurosurg*. 2014 Nov;82(5):e668-9. doi: 10.1016/j.wneu.2014.07.001. Epub 2014 Jul 15. PubMed PMID: 25053376.

352: Wang Z, Zhu B, Zhang M, Parikh H, Jia J, Chung CC, Sampson JN, Hoskins JW, Hutchinson A, Burdette L, Ibrahim A, Hautman C, Raj PS, Abnet CC, Adjei AA, Ahlbom A, Albanes D, Allen NE, Ambrosone CB, Aldrich M, Amiano P, Amos C, Andersson U, Andriole G Jr, Andrulis IL, Arici C, Arslan AA, Austin MA, Baris D, Barkauskas DA, Bassig BA, Beane Freeman LE, Berg CD, Berndt SI, Bertazzi PA, Biritwum RB, Black A, Blot W, Boeing H, Boffetta P, Bolton K, Boutron-Ruault MC, Bracci PM, Brennan P, Brinton LA, Brotzman M, Bueno-de-Mesquita HB, Buring JE, Butler MA, Cai Q, Cancel-Tassin G, Canzian F, Cao G, Caporaso NE, Carrato A, Carreon T, Carta A, Chang GC, Chang IS, Chang-Claude

J, Che X, Chen CJ, Chen CY, Chen CH, Chen C, Chen KY, Chen YM, Chokkalingam AP, Chu LW, Clavel-Chapelon F, Colditz GA, Colt JS, Conti D, Cook MB, Cortessis VK, Crawford ED, Cussenot O, Davis FG, De Vivo I, Deng X, Ding T, Dinney CP, Di Stefano AL, Diver WR, Duell EJ, Elena JW, Fan JH, Feigelson HS, Feychting M, Figueroa JD, Flanagan AM, Fraumeni JF Jr, Freedman ND, Fridley BL, Fuchs CS, Gago-Dominguez M, Gallinger S, Gao YT, Gapstur SM, Garcia-Closas M, Garcia-Closas R, Gastier-Foster JM, Gaziano JM, Gerhard DS, Giffen CA, Giles GG, Gillanders EM, Giovannucci EL, Goggins M, Gokgoz N, Goldstein AM, Gonzalez C, Gorlick R, Greene MH, Gross M, Grossman HB, Grubb R 3rd, Gu J, Guan P, Haiman CA, Hallmans G, Hankinson SE, Harris CC, Hartge P, Hattinger C, Hayes RB, He Q, Helman L, Henderson BE, Henriksson R, Hoffman-Bolton J, Hohensee C, Holly EA, Hong YC, Hoover RN, Hosgood HD 3rd, Hsiao CF, Hsing AW, Hsiung CA, Hu N, Hu W, Hu Z, Huang MS, Hunter DJ, Inskip PD, Ito H, Jacobs EJ, Jacobs KB, Jenab M, Ji BT, Johansen C, Johansson M, Johnson A, Kaaks R, Kamat AM, Kaminen A, Karagas M, Khanna C, Khaw KT, Kim C, Kim IS, Kim JH, Kim YH, Kim YC, Kim YT, Kang CH, Jung YJ, Kitahara CM, Klein AP, Klein R, Kogevinas M, Koh WP, Kohno T, Kolonel LN, Kooperberg C, Kratz CP, Krogh V, Kunitoh H, Kurtz RC, Kurucu N, Lan Q, Lathrop M, Lau CC, Lecanda F, Lee KM, Lee MP, Le Marchand L, Lerner SP, Li D, Liao LM, Lim WY, Lin D, Lin J, Lindstrom S, Linet MS, Lissowska J, Liu J, Ljungberg B, Lloreta J, Lu D, Ma J, Malats N, Mannisto S, Marina N, Mastrangelo G, Matsuo K, McGlynn KA, McKean-Cowdin R, McNeill LH, McWilliams RR, Melin BS, Meltzer PS, Mensah JE, Miao X, Michaud DS, Mondul AM, Moore LE, Muir K, Niwa S, Olson SH, Orr N, Panico S, Park JY, Patel AV, Patino-Garcia A, Pavanello S, Peeters PH, Peplonska B, Peters U, Petersen GM, Picci P, Pike MC, Porru S, Prescott J, Pu X, Purdue MP, Qiao YL, Rajaraman P, Riboli E, Risch HA, Rodabough RJ, Rothman N, Ruder AM, Ryu JS, Sanson M, Schned A, Schumacher FR, Schwartz AG, Schwartz KL, Schwenn M, Scotlandi K, Seow A, Serra C, Serra M, Sesso HD, Severi G, Shen H, Shen M, Shete S, Shiraishi K, Shu XO, Siddiq A, Sierrasesumaga L, Sierri S, Loon Sihoe AD, Silverman DT, Simon M, Southey MC, Spector L, Spitz M, Stampfer M, Stattin P, Stern MC, Stevens VL, Stolzenberg-Solomon RZ, Stram DO, Strom SS, Su WC, Sund M, Sung SW, Swerdlow A, Tan W, Tanaka H, Tang W, Tang ZZ, Tardon A, Tay E, Taylor PR, Tetley Y, Thomas DM, Tirabosco R, Tjonneland A, Tobias GS, Toro JR, Travis RC, Trichopoulos D, Troisi R, Truelove A, Tsai YH, Tucker MA, Tumino R, Van Den Berg D, Van Den Eeden SK, Vermeulen R, Vineis P, Visvanathan K, Vogel U, Wang C, Wang C, Wang J, Wang SS, Weiderpass E, Weinstein SJ, Wentzensen N, Wheeler W, White E, Wiencke JK, Wolk A, Wolpin BM, Wong MP, Wrensch M, Wu C, Wu T, Wu X, Wu YL, Wunder JS, Xiang YB, Xu J, Yang HP, Yang PC, Yatabe Y, Ye Y, Yeboah ED, Yin Z, Ying C, Yu CJ, Yu K, Yuan JM, Zanetti KA, Zeleniuch-Jacquotte A, Zheng W, Zhou B, Mirabello L, Savage SA, Kraft P, Chanock SJ, Yeager M, Landi MT, Shi J, Chatterjee N, Amundadottir LT. Imputation and subset-based association analysis across different cancer types identifies multiple independent risk loci in the TERT-CLPTM1L region on chromosome 5p15.33. *Hum Mol Genet.* 2014 Dec 15;23(24):6616-33. doi: 10.1093/hmg/ddu363. Epub 2014 Jul 15. PubMed PMID: 25027329; PubMed Central PMCID: PMC4240198.

353: Sahlein DH, Mora P, Becske T, Huang P, Jafar JJ, Connolly ES, Nelson PK. Features predictive of brain arteriovenous malformation hemorrhage: extrapolation to a physiologic model. *Stroke.* 2014 Jul;45(7):1964-70. doi: 10.1161/STROKEAHA.114.005170. Epub 2014 Jun 12. PubMed PMID: 24923721.

354: Boden-Albala B, Edwards DF, St Clair S, Wing JJ, Fernandez S, Gibbons MC, Hsia AW, Morgenstern LB, Kidwell CS. Methodology for a community-based stroke preparedness intervention: the Acute Stroke Program of Interventions Addressing Racial and Ethnic Disparities Study. *Stroke.* 2014 Jul;45(7):2047-52. doi: 10.1161/STROKEAHA.113.003502. Epub 2014 May 15. PubMed PMID: 24876243; PubMed Central PMCID: PMC4133149.

355: Dubois MY, Follett KA. Pain medicine: The case for an independent medical specialty and training programs. *Acad Med.* 2014 Jun;89(6):863-8. doi: 10.1097/ACM.0000000000000265. PubMed PMID: 24871236.

356: Harrison G, Grandhi R, Monaco EA 3rd, Niranjana A, Lunsford LD. The evolution of training in brain

stereotactic radiosurgery: a growing part of intracranial neurosurgery. *World Neurosurg.* 2014 Sep-Oct;82(3-4):292-7. doi: 10.1016/j.wneu.2014.05.016. Epub 2014 May 15. Review. PubMed PMID: 24844207.

357: Karajannis MA, Legault G, Fisher MJ, Milla SS, Cohen KJ, Wisoff JH, Harter DH, Goldberg JD, Hochman T, Merkelson A, Bloom MC, Sievert AJ, Resnick AC, Dhall G, Jones DT, Korshunov A, Pfister SM, Eberhart CG, Zagzag D, Allen JC. Phase II study of sorafenib in children with recurrent or progressive low-grade astrocytomas. *Neuro Oncol.* 2014 Oct;16(10):1408-16. doi: 10.1093/neuonc/nou059. Epub 2014 May 6. PubMed PMID: 24803676; PubMed Central PMCID: PMC4165419.

358: Calabresi PA, Kieseier BC, Arnold DL, Balcer LJ, Boyko A, Pelletier J, Liu S, Zhu Y, Seddighzadeh A, Hung S, Deykin A; ADVANCE Study Investigators. Pegylated interferon β -1a for relapsing-remitting multiple sclerosis (ADVANCE): a randomised, phase 3, double-blind study. *Lancet Neurol.* 2014 Jul;13(7):657-65. doi: 10.1016/S1474-4422(14)70068-7. Epub 2014 Apr 30. PubMed PMID: 24794721.

359: Kondziolka D, Patel AD, Kano H, Flickinger JC, Lunsford LD. Long-term Outcomes After Gamma Knife Radiosurgery for Meningiomas. *Am J Clin Oncol.* 2016 Oct;39(5):453-7. doi: 10.1097/COC.0000000000000080. PubMed PMID: 24755664.

360: Kondziolka D, Kalkanis SN, Mehta MP, Ahluwalia M, Loeffler JS. It is time to reevaluate the management of patients with brain metastases. *Neurosurgery.* 2014 Jul;75(1):1-9. doi: 10.1227/NEU.0000000000000354. PubMed PMID: 24662510.

361: Yang G, Han D, Chen X, Zhang D, Wang L, Shi C, Zhang W, Li C, Chen X, Liu H, Zhang D, Kang J, Peng F, Liu Z, Qi J, Gao X, Ai J, Shi C, Zhao S. MiR-196a exerts its oncogenic effect in glioblastoma multiforme by inhibition of I κ B α both in vitro and in vivo. *Neuro Oncol.* 2014 May;16(5):652-61. doi: 10.1093/neuonc/not307. Epub 2014 Jan 23. PubMed PMID: 24463357; PubMed Central PMCID: PMC3984554.

362: Rubin BA, Brunswick A, Riina H, Kondziolka D. Advances in radiosurgery for arteriovenous malformations of the brain. *Neurosurgery.* 2014 Feb;74 Suppl 1:S50-9. doi: 10.1227/NEU.0000000000000219. Review. PubMed PMID: 24402493.

363: Zuo XN, Anderson JS, Bellec P, Birn RM, Biswal BB, Blautzik J, Breitner JC, Buckner RL, Calhoun VD, Castellanos FX, Chen A, Chen B, Chen J, Chen X, Colcombe SJ, Courtney W, Craddock RC, Di Martino A, Dong HM, Fu X, Gong Q, Gorgolewski KJ, Han Y, He Y, He Y, Ho E, Holmes A, Hou XH, Huckins J, Jiang T, Jiang Y, Kelley W, Kelly C, King M, LaConte SM, Lainhart JE, Lei X, Li HJ, Li K, Li K, Lin Q, Liu D, Liu J, Liu X, Liu Y, Lu G, Lu J, Luna B, Luo J, Lurie D, Mao Y, Margulies DS, Mayer AR, Meindl T, Meyerand ME, Nan W, Nielsen JA, O'Connor D, Paulsen D, Prabhakaran V, Qi Z, Qiu J, Shao C, Shehzad Z, Tang W, Villringer A, Wang H, Wang K, Wei D, Wei GX, Weng XC, Wu X, Xu T, Yang N, Yang Z, Zang YF, Zhang L, Zhang Q, Zhang Z, Zhang Z, Zhao K, Zhen Z, Zhou Y, Zhu XT, Milham MP. An open science resource for establishing reliability and reproducibility in functional connectomics. *Sci Data.* 2014 Dec 9;1:140049. doi: 10.1038/sdata.2014.49. eCollection 2014. PubMed PMID: 25977800; PubMed Central PMCID: PMC4421932.

364: Legault G, Kieran MW, Scott RM, Chordas C, Milla SS, Karajannis MA. Recurrent ascites in a patient with low-grade astrocytoma and ventriculo-peritoneal shunt treated with the multikinase inhibitor sorafenib. *J Pediatr Hematol Oncol.* 2014 Nov;36(8):e533-5. doi: 10.1097/MPH.0000000000000094. PubMed PMID: 24351969.

365: Brennan C, Yang TJ, Hilden P, Zhang Z, Chan K, Yamada Y, Chan TA, Lymberis SC, Narayana A,

Tabar V, Gutin PH, Ballangrud Å, Lis E, Beal K. A phase 2 trial of stereotactic radiosurgery boost after surgical resection for brain metastases. *Int J Radiat Oncol Biol Phys*. 2014 Jan 1;88(1):130-6. doi: 10.1016/j.ijrobp.2013.09.051. PubMed PMID: 24331659; PubMed Central PMCID: PMC5736310.

366: Zumofen DW, Sahasrabudhe N, Riina HA, Raz E, Shapiro M, Becske T, Nelson PK. Temporary stent scaffolding during aneurysm coiling. *J Clin Neurosci*. 2014 May;21(5):852-4. doi: 10.1016/j.jocn.2013.10.009. Epub 2013 Oct 30. PubMed PMID: 24331624.

367: Donington J, Vaillères E, Bains M, Swisher S, Pass H. Management of the Apical Tumor: May 4, 2013, Minneapolis, MN. *Semin Thorac Cardiovasc Surg*. 2013 Autumn;25(3):256-71. doi: 10.1053/j.semtcvs.2013.10.002. Epub 2013 Oct 7. PubMed PMID: 24331149.

368: Dombi E, Ardern-Holmes SL, Babovic-Vuksanovic D, Barker FG, Connor S, Evans DG, Fisher MJ, Goutagny S, Harris GJ, Jaramillo D, Karajannis MA, Korf BR, Mautner V, Plotkin SR, Poussaint TY, Robertson K, Shih CS, Widemann BC; REiNS International Collaboration. Recommendations for imaging tumor response in neurofibromatosis clinical trials. *Neurology*. 2013 Nov 19;81(21 Suppl 1):S33-40. doi: 10.1212/01.wnl.0000435744.57038.af. PubMed PMID: 24249804; PubMed Central PMCID: PMC3908340.

369: Luther N, Kondziolka D, Kano H, Mousavi SH, Engh JA, Niranjana A, Flickinger JC, Lunsford LD. Predicting tumor control after resection bed radiosurgery of brain metastases. *Neurosurgery*. 2013 Dec;73(6):1001-6; discussion 1006. doi: 10.1227/NEU.0000000000000148. PubMed PMID: 24264235.

370: Borkon MJ, Hoang H, Rockman C, Mussa F, Cayne NS, Riles T, Jafar JJ, Veith FJ, Adelman MA, Maldonado TS. Concomitant unruptured intracranial aneurysms and carotid artery stenosis: an institutional review of patients undergoing carotid revascularization. *Ann Vasc Surg*. 2014 Jan;28(1):102-7. doi: 10.1016/j.avsg.2013.06.013. Epub 2013 Nov 1. PubMed PMID: 24189005.

371: Harter DH, Bassani L, Rodgers SD, Roth J, Devinsky O, Carlson C, Wisoff JH, Weiner HL. A management strategy for intraventricular subependymal giant cell astrocytomas in tuberous sclerosis complex. *J Neurosurg Pediatr*. 2014 Jan;13(1):21-8. doi: 10.3171/2013.9.PEDS13193. Epub 2013 Nov 1. PubMed PMID: 24180681.

372: Kondziolka D, Parry PV, Lunsford LD, Kano H, Flickinger JC, Rakfal S, Arai Y, Loeffler JS, Rush S, Knisely JP, Sheehan J, Friedman W, Tarhini AA, Francis L, Lieberman F, Ahluwalia MS, Linskey ME, McDermott M, Sperduto P, Stupp R. The accuracy of predicting survival in individual patients with cancer. *J Neurosurg*. 2014 Jan;120(1):24-30. doi: 10.3171/2013.9.JNS13788. Epub 2013 Oct 25. PubMed PMID: 24160479.

373: Roth J, Carlson C, Devinsky O, Harter DH, Macallister WS, Weiner HL. Safety of staged epilepsy surgery in children. *Neurosurgery*. 2014 Feb;74(2):154-62. doi: 10.1227/NEU.0000000000000231. PubMed PMID: 24149978.

374: Kondziolka D, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for epilepsy and functional disorders. *Neurosurg Clin N Am*. 2013 Oct;24(4):623-32. doi: 10.1016/j.nec.2013.06.001. Review. PubMed PMID: 24093580.

375: Elliott RE, Tanweer O. The prevalence of the ponticulus posticus (arcuate foramen) and its importance in the Goel-Harms procedure: meta-analysis and review of the literature. *World Neurosurg*. 2014 Jul-Aug;82(1-2):e335-43. doi: 10.1016/j.wneu.2013.09.014. Epub 2013 Sep 18. Review. PubMed PMID: 24055572.

376: Wings KM, Werner JS, Harvey DJ, Cello KE, Durbin MK, Balcer LJ, Calabresi PA, Keltner JL.

Baseline retinal nerve fiber layer thickness and macular volume quantified by OCT in the North American phase 3 fingolimod trial for relapsing-remitting multiple sclerosis. *J Neuroophthalmol*. 2013 Dec;33(4):322-9. doi: 10.1097/WNO.0b013e31829c51f7. PubMed PMID: 24051419; PubMed Central PMCID: PMC3959779.

377: Kondziolka D. Core journals. *J Neurosurg*. 2013 Nov;119(5):1271-2; discussion 1272-3. doi: 10.3171/2013.5.JNS131006. Epub 2013 Sep 13. PubMed PMID: 24032700.

378: Juranek JK, Geddis MS, Rosario R, Schmidt AM. Impaired slow axonal transport in diabetic peripheral nerve is independent of RAGE. *Eur J Neurosci*. 2013 Oct;38(8):3159-68. doi: 10.1111/ejn.12333. Epub 2013 Aug 14. PubMed PMID: 23941591.

379: Kondziolka D. Radiosurgery for parasagittal and parafalcine meningiomas. *J Neurosurg*. 2013 Oct;119(4):869-70; discussion 870. doi: 10.3171/2013.3.JNS13574. Epub 2013 Aug 9. PubMed PMID: 23930859.

380: Strom RG, Frempong-Boadu AK. Low-molecular-weight heparin prophylaxis 24 to 36 hours after degenerative spine surgery: risk of hemorrhage and venous thromboembolism. *Spine (Phila Pa 1976)*. 2013 Nov 1;38(23):E1498-502. doi: 10.1097/BRS.0b013e3182a4408d. PubMed PMID: 23873245.

381: Grandhi R, Kanaan H, Shah A, Harrison G, Bonfield C, Jovin T, Jankowitz B, Horowitz M. Safety and efficacy of percutaneous femoral artery access followed by Mynx closure in cerebral neurovascular procedures: a single center analysis. *J Neurointerv Surg*. 2014 Jul;6(6):445-50. doi: 10.1136/neurintsurg-2013-010749. Epub 2013 Jul 18. PubMed PMID: 23868215.

382: Rodgers SD, Engler JA, Perin NL. A novel approach to the lumbar sympathetic chain: lateral access. *Neurosurg Focus*. 2013 Jul;35(2 Suppl):Video 12. doi: 10.3171/2013.V2.FOCUS13204. PubMed PMID: 23829842.

383: Vitanza NA, Shaw TM, Gardner SL, Allen JC, Harter DH, Karajannis MA. Noncarboplatin-induced Sensorineural Hearing Loss in a Patient With an Intracranial Nongerminomatous Germ Cell Tumor. *J Pediatr Hematol Oncol*. 2016 May;38(4):312-6. doi: 10.1097/MPH.0b013e318287310e. PubMed PMID: 23652864.

384: Strom RG, Pacione D, Kalhorn SP, Frempong-Boadu AK. Lumbar laminectomy and fusion with routine local application of vancomycin powder: decreased infection rate in instrumented and non-instrumented cases. *Clin Neurol Neurosurg*. 2013 Sep;115(9):1766-9. doi: 10.1016/j.clineuro.2013.04.005. Epub 2013 Apr 23. PubMed PMID: 23622935.

385: Narayana A, Mathew M, Tam M, Kannan R, Madden KM, Golfinos JG, Parker EC, Ott PA, Pavlick AC. Vemurafenib and radiation therapy in melanoma brain metastases. *J Neurooncol*. 2013 Jul;113(3):411-6. doi: 10.1007/s11060-013-1127-1. Epub 2013 Apr 12. PubMed PMID: 23579338.

386: Elliott RE, Tanweer O, Smith ML, Frempong-Boadu A. Impact of Starting Point and Bicortical Purchase of C1 Lateral Mass Screws on Atlantoaxial Fusion: Meta-Analysis and Review of the Literature. *J Spinal Disord Tech*. 2015 Aug;28(7):242-53. doi: 10.1097/BSD.0b013e31828ffc97. Review. PubMed PMID: 23563339.

387: Shi C, Flanagan SR, Samadani U. Vagus nerve stimulation to augment recovery from severe traumatic brain injury impeding consciousness: a prospective pilot clinical trial. *Neurol Res*. 2013 Apr;35(3):263-76. doi: 10.1179/1743132813Y.0000000167. PubMed PMID: 23485054; PubMed Central PMCID: PMC4568744.

- 388: Balser D, Rodgers SD, Johnson B, Shi C, Tabak E, Samadani U. Evolving management of symptomatic chronic subdural hematoma: experience of a single institution and review of the literature. *Neurol Res.* 2013 Apr;35(3):233-42. doi: 10.1179/1743132813Y.0000000166. Review. PubMed PMID: 23485050; PubMed Central PMCID: PMC4564993.
- 389: Mathew M, Tam M, Ott PA, Pavlick AC, Rush SC, Donahue BR, Golfinos JG, Parker EC, Huang PP, Narayana A. Ipilimumab in melanoma with limited brain metastases treated with stereotactic radiosurgery. *Melanoma Res.* 2013 Jun;23(3):191-5. doi: 10.1097/CMR.0b013e32835f3d90. PubMed PMID: 23462208.
- 390: Rodgers SD, Marascalchi BJ, Strom RG, Huang PP. Short-lasting unilateral neuralgiform headache attacks with conjunctival injection and tearing syndrome secondary to an epidermoid tumor in the cerebellopontine angle. *Neurosurg Focus.* 2013 Mar;34(3):E1. doi: 10.3171/2013.1.FOCUS12233. PubMed PMID: 23452266.
- 391: Elliott RE, Tanweer O, Frempong-Boadu A, Smith ML. Impact of starting point and C2 nerve status on the safety and accuracy of C1 lateral mass screws: meta-analysis and review of the literature. *J Spinal Disord Tech.* 2015 Jun;28(5):171-85. doi: 10.1097/BSD.0b013e3182898aa9. Review. PubMed PMID: 23429321.
- 392: Strom RG, Pacione D, Kalhorn SP, Frempong-Boadu AK. Decreased risk of wound infection after posterior cervical fusion with routine local application of vancomycin powder. *Spine (Phila Pa 1976).* 2013 May 20;38(12):991-4. doi: 10.1097/BRS.0b013e318285b219. PubMed PMID: 23324930.
- 393: Neman J, Duenas V, Kowolik C, Hambrecht A, Chen M, Jandial R. Lineage mapping and characterization of the native progenitor population in cellular allograft. *Spine J.* 2013 Feb;23(2):162-174. doi: 10.1016/j.spinee.2012.11.017. Epub 2013 Jan 8. PubMed PMID: 23305812; PubMed Central PMCID: PMC3893135.
- 394: Chalifoux JR, Perry N, Katz JS, Wiggins GC, Roth J, Miles D, Devinsky O, Weiner HL, Milla SS. The ability of high field strength 7-T magnetic resonance imaging to reveal previously uncharacterized brain lesions in patients with tuberous sclerosis complex. *J Neurosurg Pediatr.* 2013 Mar;11(3):268-73. doi: 10.3171/2012.12.PEDS12338. Epub 2013 Jan 4. PubMed PMID: 23289918.
- 395: Borofsky MS, Gill IS, Hemal AK, Marien TP, Jayaratna I, Krane LS, Stifelman MD. Near-infrared fluorescence imaging to facilitate super-selective arterial clamping during zero-ischaemia robotic partial nephrectomy. *BJU Int.* 2013 Apr;111(4):604-10. doi: 10.1111/j.1464-410X.2012.11490.x. Epub 2012 Dec 17. PubMed PMID: 23253629.
- 396: Juranek JK, Geddis MS, Song F, Zhang J, Garcia J, Rosario R, Yan SF, Brannagan TH, Schmidt AM. RAGE deficiency improves postinjury sciatic nerve regeneration in type 1 diabetic mice. *Diabetes.* 2013 Mar;62(3):931-43. doi: 10.2337/db12-0632. Epub 2012 Nov 19. PubMed PMID: 23172920; PubMed Central PMCID: PMC3581233.
- 397: Staffenberg DA, Goodrich JT. Separation of craniopagus conjoined twins with a staged approach. *J Craniofac Surg.* 2012 Nov;23(7 Suppl 1):2004-10. doi: 10.1097/SCS.0b013e318262d3f7. PubMed PMID: 23154370.
- 398: Elliott RE, Tanweer O, Boah A, Morsi A, Ma T, Frempong-Boadu A, Smith ML. Outcome comparison of atlantoaxial fusion with transarticular screws and screw-rod constructs: meta-analysis and review of literature. *J Spinal Disord Tech.* 2014 Feb;27(1):11-28. doi: 10.1097/BSD.0b013e318277da19. Review. PubMed PMID: 23128387.

- 399: Gobble RM, Hoang H, Jafar J, Adelman M. Extracranial-intracranial bypass: resurrection of a nearly extinct operation. *J Vasc Surg.* 2012 Nov;56(5):1303-7. doi: 10.1016/j.jvs.2012.03.281. Epub 2012 Jul 21. PubMed PMID: 22819751.
- 400: Rodgers SD, Harter DH. Cervical ependymoma resection. *Neurosurg Focus.* 2012 Jul;33(Suppl 1):1. doi: 10.3171/2012.V2.FOCUS12222. PubMed PMID: 26016396.
- 401: Huang PP, Rush SC, Donahue B, Narayana A, Becske T, Nelson PK, Han K, Jafar JJ. Long-term outcomes after staged-volume stereotactic radiosurgery for large arteriovenous malformations. *Neurosurgery.* 2012 Sep;71(3):632-43; discussion 643-4. doi: 10.1227/NEU.0b013e31825fd247. PubMed PMID: 22710381.
- 402: Riina HA, Burkhardt JK, Santillan A, Bassani L, Patsalides A, Boockvar JA. Short-term clinico-radiographic response to super-selective intra-arterial cerebral infusion of Bevacizumab for the treatment of vestibular schwannomas in Neurofibromatosis type 2. *Interv Neuroradiol.* 2012 Jun;18(2):127-32. Epub 2012 Jun 4. PubMed PMID: 22681725; PubMed Central PMCID: PMC3380388.
- 403: Elliott RE, Tanweer O, Boah A, Morsi A, Ma T, Frempong-Boadu A, Smith ML. Comparison of screw malposition and vertebral artery injury of C2 pedicle and transarticular screws: meta-analysis and review of the literature. *J Spinal Disord Tech.* 2014 Aug;27(6):305-15. doi: 10.1097/BSD.0b013e31825d5daa. Review. PubMed PMID: 22614268.
- 404: Ludvig N, Tang HM, Baptiste SL, Medveczky G, Vaynberg JK, Vazquez-DeRose J, Stefanov DG, Devinsky O, French JA, Carlson C, Kuzniecky RI. Long-term behavioral, electrophysiological, and neurochemical monitoring of the safety of an experimental antiepileptic implant, the muscimol-delivering Subdural Pharmacotherapy Device in monkeys. *J Neurosurg.* 2012 Jul;117(1):162-75. doi: 10.3171/2012.4.JNS111488. Epub 2012 May 11. PubMed PMID: 22577746.
- 405: Levine SM, Reformat DD, Thorne CH. Cutis aplasia: perioperative management and case report. *Am J Crit Care.* 2012 May;21(3):212-5. doi: 10.4037/ajcc2012904. PubMed PMID: 22549580.
- 406: Sahlein DH, Mora P, Becske T, Nelson PK. Nidal embolization of brain arteriovenous malformations: rates of cure, partial embolization, and clinical outcome. *J Neurosurg.* 2012 Jul;117(1):65-77. doi: 10.3171/2012.3.JNS111405. Epub 2012 Apr 27. PubMed PMID: 22540403.
- 407: Strom RG, Kalhorn SP, Russell SM, Huang PP. Pleural effusion accumulating in the epidural space: recurrent cord compression in a patient with progressive lung adenocarcinoma. *Clin Neurol Neurosurg.* 2013 Jan;115(1):91-4. doi: 10.1016/j.clineuro.2012.03.043. Epub 2012 Apr 24. PubMed PMID: 22537869.
- 408: Ward JP, Albert DB, Altman R, Goldstein RY, Cuff G, Youm T. Are femoral nerve blocks effective for early postoperative pain management after hip arthroscopy? *Arthroscopy.* 2012 Aug;28(8):1064-9. doi: 10.1016/j.arthro.2012.01.003. Epub 2012 Apr 11. PubMed PMID: 22498045.
- 409: Elliott RE, Tanweer O, Boah A, Morsi A, Ma T, Smith ML, Frempong-Boadu A. Atlantoaxial fusion with screw-rod constructs: meta-analysis and review of literature. *World Neurosurg.* 2014 Feb;81(2):411-21. doi: 10.1016/j.wneu.2012.03.013. Epub 2012 Mar 31. Review. PubMed PMID: 22469526.
- 410: Rodgers SD, Bassani L, Weiner HL, Harter DH. Stereotactic endoscopic resection and surgical management of a subependymal giant cell astrocytoma: case report. *J Neurosurg Pediatr.* 2012 Apr;9(4):417-20. doi: 10.3171/2011.12.PEDS11349. PubMed PMID: 22462708.

- 411: Strom RG, Shvartsbeyn M, Rosenblum MK, Hameed MR, Nafa K, Mikolaenko I, Babu RP. Melanocytic tumor with GNA11 p.Q209L mutation mimicking a foramen magnum meningioma. *Clin Neurol Neurosurg*. 2012 Oct;114(8):1197-200. doi: 10.1016/j.clineuro.2012.02.030. Epub 2012 Mar 13. PubMed PMID: 22421249.
- 412: Warren SM, Proctor MR, Bartlett SP, Blount JP, Buchman SR, Burnett W, Fearon JA, Keating R, Muraszko KM, Rogers GF, Rubin MS, McCarthy JG. Parameters of care for craniosynostosis: craniofacial and neurologic surgery perspectives. *Plast Reconstr Surg*. 2012 Mar;129(3):731-7. doi: 10.1097/PRS.0b013e3182412a50. PubMed PMID: 22373978.
- 413: Strom RG, Fouladvand M, Pramanik BK, Doyle WK, Huang PP. Progressive optic neuropathy caused by contact with the carotid artery: improvement after microvascular decompression. *Clin Neurol Neurosurg*. 2012 Jul;114(6):812-5. doi: 10.1016/j.clineuro.2012.01.001. Epub 2012 Jan 28. PubMed PMID: 22284084.
- 414: Bassani L, Harter DH. Paraspinal subfascial placement of lumbar intrathecal baclofen catheters: short-term outcomes of a novel technique. *J Neurosurg Pediatr*. 2012 Jan;9(1):93-8. doi: 10.3171/2011.10.PEDS11168. PubMed PMID: 22208328.
- 415: Kang MM, Anderer EG, Elliott RE, Kalhorn SP, Frempong-Boadu A. C2 nerve root sectioning in posterior C1-2 instrumented fusions. *World Neurosurg*. 2012 Jul;78(1-2):170-7. doi: 10.1016/j.wneu.2011.07.010. Epub 2011 Nov 7. PubMed PMID: 22120333.
- 416: Barr JS, Katz KA, Hazen A. Surgical management of facial nerve paralysis in the pediatric population. *J Pediatr Surg*. 2011 Nov;46(11):2168-76. doi: 10.1016/j.jpedsurg.2011.06.036. Review. PubMed PMID: 22075352.
- 417: Narayana A, Perretta D, Kunnakkat S, Gruber D, Golfinos J, Parker E, Medabalmi P, Zagzag D, Pat Eagan RN, Gruber M. Invasion is not an independent prognostic factor in high-grade glioma. *J Cancer Res Ther*. 2011 Jul-Sep;7(3):331-5. doi: 10.4103/0973-1482.87039. PubMed PMID: 22044816.
- 418: Ludvig N, Medveczky G, Rizzolo R, Tang HM, Baptiste SL, Doyle WK, Devinsky O, Carlson C, French JA, Kral JG, Charchafieh J, Kuzniecky RI. An implantable triple-function device for local drug delivery, cerebrospinal fluid removal and EEG recording in the cranial subdural/subarachnoid space of primates. *J Neurosci Methods*. 2012 Jan 30;203(2):275-83. doi: 10.1016/j.jneumeth.2011.10.008. Epub 2011 Oct 17. PubMed PMID: 22027491.
- 419: McCarthy JG, Warren SM, Bernstein J, Burnett W, Cunningham ML, Edmond JC, Figueroa AA, Kapp-Simon KA, Labow BI, Peterson-Falzone SJ, Proctor MR, Rubin MS, Sze RW, Yemen TA; Craniosynostosis Working Group. Parameters of care for craniosynostosis. *Cleft Palate Craniofac J*. 2012 Jan;49 Suppl:1S-24S. doi: 10.1597/11-138. Epub 2011 Aug 17. PubMed PMID: 21848431.
- 420: Elliott RE, Parker EC, Rush SC, Kalhorn SP, Moshel YA, Narayana A, Donahue B, Golfinos JG. Efficacy of gamma knife radiosurgery for small-volume recurrent malignant gliomas after initial radical resection. *World Neurosurg*. 2011 Jul-Aug;76(1-2):128-40; discussion 61-2. doi: 10.1016/j.wneu.2010.12.053. PubMed PMID: 21839964.
- 421: Sansa G, Carlson C, Doyle W, Weiner HL, Bluvstein J, Barr W, Devinsky O. Medically refractory epilepsy in autism. *Epilepsia*. 2011 Jun;52(6):1071-5. doi: 10.1111/j.1528-1167.2011.03069.x. Epub 2011 Apr 19. PubMed PMID: 21671922.
- 422: Lerman OZ, Haddock N, Elliott RM, Foroohar A, Levin LS. Microsurgery of the upper extremity. *J Hand Surg Am*. 2011 Jun;36(6):1092-103; quiz 1103. doi: 10.1016/j.jhsa.2011.03.038. PubMed PMID:

21636025.

423: Pacione D, Blei F, Devinsky O, Weiner HL, Roth J. Coagulation abnormalities in children undergoing epilepsy surgery. *J Neurosurg Pediatr.* 2011 Jun;7(6):654-9. doi: 10.3171/2011.3.PEDS10559. PubMed PMID: 21631205.

424: Svichar N, Esquenazi S, Chen HY, Chesler M. Preemptive regulation of intracellular pH in hippocampal neurons by a dual mechanism of depolarization-induced alkalinization. *J Neurosci.* 2011 May 11;31(19):6997-7004. doi: 10.1523/JNEUROSCI.6088-10.2011. PubMed PMID: 21562261; PubMed Central PMCID: PMC3135169.

425: Elliott RE, Morsi A, Geller EB, Carlson CC, Devinsky O, Doyle WK. Impact of failed intracranial epilepsy surgery on the effectiveness of subsequent vagus nerve stimulation. *Neurosurgery.* 2011 Dec;69(6):1210-7. doi: 10.1227/NEU.0b013e3182230ae3. PubMed PMID: 21558973.

426: Elliott RE, Rodgers SD, Bassani L, Morsi A, Geller EB, Carlson C, Devinsky O, Doyle WK. Vagus nerve stimulation for children with treatment-resistant epilepsy: a consecutive series of 141 cases. *J Neurosurg Pediatr.* 2011 May;7(5):491-500. doi: 10.3171/2011.2.PEDS10505. PubMed PMID: 21529189.

427: Kalhorn SP, Strom RG, Harter DH. Idiopathic bilateral stenosis of the foramina of Monro treated using endoscopic foraminoplasty and septostomy. *Neurosurg Focus.* 2011 Apr;30(4):E5. doi: 10.3171/2011.1.FOCUS10298. PubMed PMID: 21456932.

428: Rush S, Elliott RE, Morsi A, Mehta N, Spriet J, Narayana A, Donahue B, Parker EC, Golfinos JG. Incidence, timing, and treatment of new brain metastases after Gamma Knife surgery for limited brain disease: the case for reducing the use of whole-brain radiation therapy. *J Neurosurg.* 2011 Jul;115(1):37-48. doi: 10.3171/2011.2.JNS101724. Epub 2011 Mar 18. PubMed PMID: 21417707.

429: Wisoff JH, Sanford RA, Heier LA, Sposto R, Burger PC, Yates AJ, Holmes EJ, Kun LE. Primary neurosurgery for pediatric low-grade gliomas: a prospective multi-institutional study from the Children's Oncology Group. *Neurosurgery.* 2011 Jun;68(6):1548-54; discussion 1554-5. doi: 10.1227/NEU.0b013e318214a66e. PubMed PMID: 21368693.

430: Elliott RE, Morsi A, Tanweer O, Grobelny B, Geller E, Carlson C, Devinsky O, Doyle WK. Efficacy of vagus nerve stimulation over time: review of 65 consecutive patients with treatment-resistant epilepsy treated with VNS > 10 years. *Epilepsy Behav.* 2011 Mar;20(3):478-83. doi: 10.1016/j.yebeh.2010.12.042. Epub 2011 Feb 5. PubMed PMID: 21296622.

431: Roth J, Olasunkanmi A, MacAllister WS, Weil E, Uy CC, Devinsky O, Weiner HL. Quality of life following epilepsy surgery for children with tuberous sclerosis complex. *Epilepsy Behav.* 2011 Mar;20(3):561-5. doi: 10.1016/j.yebeh.2010.11.003. Epub 2011 Feb 1. PubMed PMID: 21288778.

432: Elliott RE, Rush SC, Morsi A, Mehta N, Spriet J, Narayana A, Donahue B, Parker EC, Golfinos JG. Local control of newly diagnosed and distally recurrent, low-volume brain metastases with fixed-dose (20 Gy) gamma knife radiosurgery. *Neurosurgery.* 2011 Apr;68(4):921-31; discussion 931. doi: 10.1227/NEU.0b013e318208f58e. PubMed PMID: 21221034.

433: Elliott RE, Rush S, Morsi A, Mehta N, Spriet J, Narayana A, Donahue B, Parker EC, Golfinos JG. Neurological complications and symptom resolution following Gamma Knife surgery for brain metastases 2 cm or smaller in relation to eloquent cortices. *J Neurosurg.* 2010 Dec;113 Suppl:53-64. PubMed PMID: 21218533.

434: Elliott RE, Morsi A, Kalhorn SP, Marcus J, Sellin J, Kang M, Silverberg A, Rivera E, Geller E, Carlson C, Devinsky O, Doyle WK. Vagus nerve stimulation in 436 consecutive patients with treatment-resistant epilepsy: long-term outcomes and predictors of response. *Epilepsy Behav.* 2011 Jan;20(1):57-63. doi: 10.1016/j.yebeh.2010.10.017. Epub 2010 Dec 8. PubMed PMID: 21144802.

435: Szpalski C, Barr J, Wetterau M, Saadeh PB, Warren SM. Cranial bone defects: current and future strategies. *Neurosurg Focus.* 2010 Dec;29(6):E8. doi: 10.3171/2010.9.FOCUS10201. Review. PubMed PMID: 21121722.

436: Roth J, Galeano E, Milla S, Hartmannsgruber MW, Weiner HL. Multiple epidural hematomas and hemodynamic collapse caused by a subgaleal drain and suction-induced intracranial hypotension: case report. *Neurosurgery.* 2011 Jan;68(1):E271-5; discussion E276. doi: 10.1227/NEU.0b013e3181fe6165. PubMed PMID: 21099705.

437: Roth J, Olasunkanmi A, Robinson K, Wisoff JH. Septal vein symmetry: implications for [endoscopic septum pellucidotomy](#). *Neurosurgery.* 2010 Dec;67(2 Suppl Operative):395-401. doi: 10.1227/NEU.0b013e3181f7427e. PubMed PMID: 21099564.

438: Bollo RJ, Zagzag D, Samadani U. Synchronous choroid plexus papilloma of the fourth ventricle and ependymoma of the filum terminale: case report. *Neurosurgery.* 2010 Nov;67(5):E1454-9; discussion E1459. doi: 10.1227/NEU.0b013e3181f35144. PubMed PMID: 20871433.

439: Haranhalli N, Anand D, Wisoff JH, Harter DH, Weiner HL, Blate M, Roth J. Intrathecal baclofen therapy: complication avoidance and management. *Childs Nerv Syst.* 2011 Mar;27(3):421-7. doi: 10.1007/s00381-010-1277-9. Epub 2010 Sep 18. PubMed PMID: 20853002.

440: Bollo RJ, Williams SC, Peskin CS, Samadani U. When the air hits your brain: cerebral autoregulation of brain oxygenation during aerobic exercise allows transient hyperoxygenation: case report. *Neurosurgery.* 2010 Aug;67(2):E507-9. doi: 10.1227/01.NEU.0000371976.21043.C8. PubMed PMID: 20644380.

441: Ginsberg SD. Alterations in discrete glutamate receptor subunits in adult mouse dentate gyrus granule cells following perforant path transection. *Anal Bioanal Chem.* 2010 Aug;397(8):3349-58. doi: 10.1007/s00216-010-3826-1. Epub 2010 Jun 25. PubMed PMID: 20577723; PubMed Central PMCID: PMC3149099.

442: Kalhorn SP, Frempong-Boadu AK, Mikolaenko I, Becske T, Harter DH. Metameric thoracic lesion: report of a rare case and a guide to management. *J Neurosurg Spine.* 2010 May;12(5):497-502. doi: 10.3171/2009.11.SPINE09259. PubMed PMID: 20433297.

443: Silverberg A, Parker-Menzer K, Devinsky O, Doyle W, Carlson C. Bilateral intracranial electroencephalographic monitoring immediately following corpus callosotomy. *Epilepsia.* 2010 Oct;51(10):2203-6. doi: 10.1111/j.1528-1167.2010.02568.x. PubMed PMID: 20384766.

444: Wisoff JH, Jane JA Jr, Selman W, Fahlbusch R. Introduction: Craniopharyngioma. *Neurosurg Focus.* 2010 Apr;28(4):1 p preceding E1. PubMed PMID: 20369435.

445: Tuchman A, Kalhorn SP, Mikolaenko I, Wisoff JH. Cystic choroid plexus papilloma in the cavum septum pellucidum. *J Neurosurg Pediatr.* 2009 Dec;4(6):580-3. doi: 10.3171/2009.7.PEDS08484. PubMed PMID: 19951048.

446: Devinsky J, Sacks O, Devinsky O. Kluver-Bucy syndrome, hypersexuality, and the law. *Neurocase.* 2010 Apr;16(2):140-5. doi: 10.1080/13554790903329182. Epub 2009 Nov 18. PubMed PMID:

19927260.

447: Elliott RE, Carlson C, Kalhorn SP, Moshel YA, Weiner HL, Devinsky O, Doyle WK. Refractory epilepsy in tuberous sclerosis: vagus nerve stimulation with or without subsequent resective surgery. *Epilepsy Behav.* 2009 Nov;16(3):454-60. doi: 10.1016/j.yebeh.2009.08.018. Epub 2009 Sep 19. PubMed PMID: 19767244.

448: Bollo RJ, Berliner JL, Fischer I, Miles DK, Thiele EA, Zagzag D, Weiner HL. Extraventricular subependymal giant cell tumor in a child with tuberous sclerosis complex. *J Neurosurg Pediatr.* 2009 Jul;4(1):85-90. doi: 10.3171/2009.3.PEDS08225. PubMed PMID: 19569916.

449: Bollo RJ, Carlson C, Schevon C, Wisoff JH, Devinsky O, Weiner HL. Extraoperative functional mapping and staged resection of supratentorial tumors near eloquent cortex in children. *Pediatr Neurosurg.* 2009;45(3):175-80. doi: 10.1159/000218199. Epub 2009 May 14. PubMed PMID: 19440004.

450: Blechman KM, Zervos M. Post-thoracotomy Horner syndrome associated with extrapleural infusion of local anesthetic. *Interact Cardiovasc Thorac Surg.* 2009 Aug;9(2):309-10. doi: 10.1510/icvts.2008.198085. Epub 2009 May 1. PubMed PMID: 19411261.

451: Svichar N, Waheed A, Sly WS, Hennings JC, Hübner CA, Chesler M. Carbonic anhydrases CA4 and CA14 both enhance AE3-mediated Cl-HCO₃⁻ exchange in hippocampal neurons. *J Neurosci.* 2009 Mar 11;29(10):3252-8. doi: 10.1523/JNEUROSCI.0036-09.2009. PubMed PMID: 19279262; PubMed Central PMCID: PMC2757777.

452: Chang J, Thakur SB, Huang W, Narayana A. Magnetic resonance spectroscopy imaging (MRSI) and brain functional magnetic resonance imaging (fMRI) for radiotherapy treatment planning of glioma. *Technol Cancer Res Treat.* 2008 Oct;7(5):349-62. Review. PubMed PMID: 18783284.

453: Bollo RJ, Kalhorn SP, Carlson C, Haegeli V, Devinsky O, Weiner HL. Epilepsy surgery and tuberous sclerosis complex: special considerations. *Neurosurg Focus.* 2008 Sep;25(3):E13. doi: 10.3171/FOC/2008/25/9/E13. Review. PubMed PMID: 18759614.

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