

Seoul National University Hospital

- [FloWise Flow Diverter for Treatment of Unruptured Wide-Neck Intracranial Aneurysms: A Prospective, Multicenter, Single-Arm, Open-Label, Pivotal Study](#)
- [Influence of Fetal-Type Posterior Cerebral Artery on Morphological Characteristics and Rupture Risk of Posterior Communicating Artery Aneurysms: A Radiomics Approach](#)
- [Preclinical efficacy and safety assessments of Adult human neural stem cells \(AhNSCs\) for spinal cord injury](#)
- [Lordosis Distribution Index in an Asymptomatic Elderly Population : The Role of Lower and Upper Lumbar Lordosis According to Individual Pelvic Incidence and Roussouly Type](#)
- [UANV: UNet-based attention network for thoracolumbar vertebral compression fracture angle measurement](#)
- [Low-Dose Bone Morphogenetic Protein Use in Spinal Fusion : Rethinking Clinical Efficacy](#)
- [Preliminary results of pravastatin on non-hemorrhagic vertebral artery dissection: an exploratory randomized and controlled study](#)
- [Time-Dependent Risk of Dementia Following Epilepsy Diagnosis: A Nationwide Cohort Study in South Korea](#)

Department of Neurosurgery, [Seoul National University Hospital](#), Republic of [Korea](#).

Dho YS, Kim YJ, Kim KG, Hwang SH, Kim KH, Kim JW, Kim YH, Choi SH, Park CK. Positional effect of preoperative neuronavigational [magnetic resonance](#) image on accuracy of [posterior fossa lesion localization](#). J Neurosurg. 2019 Jul 19;1-10. doi: 10.3171/2019.4.JNS1989. [Epub ahead of print] PubMed PMID: 31323639.

2: Park HR, Kim IH, Kang H, McCairn KW, Lee DS, Kim BN, Kim DG, Paek SH. Electrophysiological and imaging evidence of sustained inhibition in limbic and frontal networks following deep brain stimulation for treatment refractory obsessive compulsive disorder. PLoS One. 2019 Jul 19;14(7):e0219578. doi: 10.1371/journal.pone.0219578. eCollection 2019. PubMed PMID: 31323037.

3: Wui SH, Hyun SJ, Kang B, Kim KJ, Jahng TA, Kim HJ. Bicortical Screw Purchase at Upper Instrumented Vertebra (UIV) Can Cause UIV Fracture After Adult Spinal Deformity Surgery: A Finite Element Analysis Study. Neurospine. 2019 Jul 11. doi: 10.14245/ns.1938100.050. [Epub ahead of print] PubMed PMID: 31319661.

4: Lee DS, Lim DH, Kim IH, Kim JY, Han JW, Yoo KH, Park KD, Park HJ, Chung NG, Suh CO, Kim DS. Upfront chemotherapy followed by response adaptive radiotherapy for intracranial germinoma: Prospective multicenter cohort study. Radiother Oncol. 2019 Jul 15;138:180-186. doi: 10.1016/j.radonc.2019.06.002. [Epub ahead of print] PubMed PMID: 31319280.

5: Park JH, Lee JY, Jeon HJ, Lim BC, Park SW, Cho BM. Safety and completeness of using indocyanine green videoangiography combined with digital subtraction angiography for aneurysm surgery in a hybrid operating theater. Neurosurg Rev. 2019 Jul 17. doi: 10.1007/s10143-019-01141-0. [Epub ahead of print] PubMed PMID: 31317284.

6: Yoo D, Kim HJ, Chae JH, Paek SH, Jeon B. Successful Pallidal Deep Brain Stimulation in a Patient with Childhood-Onset Generalized Dystonia with ANO3 Mutation. J Mov Disord. 2019 Jul 17. doi:

10.14802/jmd.19016. [Epub ahead of print] PubMed PMID: 31309772.

7: Park MS, Ju YS, Moon SH, Kim TH, Oh JK, Sung PS, Kim CH, Chung CK, Chang HG. Reoperation rates after posterior lumbar spinal fusion surgery according to preoperative diagnoses: A national population-based cohort study. *Clin Neurol Neurosurg.* 2019 Jul 2;184:105408. doi: 10.1016/j.clineuro.2019.105408. [Epub ahead of print] PubMed PMID: 31306891.

8: Lee JY, Cho YD, Kang HS, Han MH. Healing of Aneurysm after Treatment Using Flow Diverter Stent : Histopathological Study in Experimental Canine Carotid Side Wall Aneurysm. *J Korean Neurosurg Soc.* 2019 Jul 15. doi: 10.3340/jkns.2019.0067. [Epub ahead of print] PubMed PMID: 31295979.

9: Jung TY, Kim EY, Park MS. Herstory of the Korean Women Neurosurgical Society since 2008. *J Korean Neurosurg Soc.* 2019 Jul 15. doi: 10.3340/jkns.2019.0043. [Epub ahead of print] PubMed PMID: 31295978.

10: Han KS, Lee KM, Kim BJ, Kwun BD, Choi SK, Lee SH. Life-threatening hemothorax caused by spontaneous extracranial vertebral aneurysm rupture in neurofibromatosis type 1. *World Neurosurg.* 2019 Jul 8. pii: S1878-8750(19)31903-5. doi: 10.1016/j.wneu.2019.07.007. [Epub ahead of print] PubMed PMID: 31295587.

11: Kim TG, Kwon O, Shin YS, Sung JH, Koh JS, Kim BT. Endovascular Treatments Performed Collaboratively by the Society of Korean Endovascular Neurosurgeons Members : A Nationwide Multicenter Survey. *J Korean Neurosurg Soc.* 2019 Jul 11. doi: 10.3340/jkns.2018.0216. [Epub ahead of print] PubMed PMID: 31288507.

12: Sin-Chan P, Mumal I, Suwal T, Ho B, Fan X, Singh I, Du Y, Lu M, Patel N, Torchia J, Popovski D, Fouladi M, Guilhamon P, Hansford JR, Leary S, Hoffman LM, Mulcahy Levy JM, Lassaletta A, Solano-Paez P, Rivas E, Reddy A, Gillespie GY, Gupta N, Van Meter TE, Nakamura H, Wong TT, Ra YS, Kim SK, Massimi L, Grundy RG, Fangusaro J, Johnston D, Chan J, Lafay-Cousin L, Hwang EI, Wang Y, Catchpoole D, Michaud J, Ellezam B, Ramanujachar R, Lindsay H, Taylor MD, Hawkins CE, Bouffet E, Jabado N, Singh SK, Kleinman CL, Barsyte-Lovejoy D, Li XN, Dirks PB, Lin CY, Mack SC, Rich JN, Huang A. A C19MC-LIN28A-MYCN Oncogenic Circuit Driven by Hijacked Super-enhancers Is a Distinct Therapeutic Vulnerability in ETMRs: A Lethal Brain Tumor. *Cancer Cell.* 2019 Jul 8;36(1):51-67.e7. doi: 10.1016/j.ccell.2019.06.002. PubMed PMID: 31287992.

13: Lee JS, Lim BC, Kim KJ, Kim SK, Kim OH, Kim JG, Park SG, Cho TJ, Chae JH. A Case of Familial Spondyloenchondrodysplasia with Immune Dysregulation Masquerading as Moyamoya Syndrome. *J Clin Neurol.* 2019 Jul;15(3):407-409. doi: 10.3988/jcn.2019.15.3.407. PubMed PMID: 31286717.

14: Jang JH, Cho WS, Kang HS, Kim JE. Surgical Obliteration of Anterior Cranial Fossa Dural Arteriovenous Fistulas via Unilateral High Frontal Craniotomy. *World Neurosurg.* 2019 Jul 5. pii: S1878-8750(19)31863-7. doi: 10.1016/j.wneu.2019.06.206. [Epub ahead of print] PubMed PMID: 31284056.

15: Kim BS, Kim KH, Lee MH, Lee JI. Stereotactic radiosurgery for brainstem cavernous malformations: An updated systematic review and meta-analysis. *World Neurosurg.* 2019 Jul 2. pii: S1878-8750(19)31840-6. doi: 10.1016/j.wneu.2019.06.183. [Epub ahead of print] PubMed PMID: 31276856.

16: Kim R, Yoo D, Jung YJ, Lee WW, Ehm G, Yun JY, Kim HJ, Lee JY, Kim JY, Kim HJ, Paek SH, Jeon B. Determinants of Functional Independence or Its Loss following Subthalamic Nucleus Stimulation in Parkinson's Disease. *Stereotact Funct Neurosurg.* 2019 Jul 2;1-7. doi: 10.1159/000500277. [Epub

ahead of print] PubMed PMID: 31266044.

17: Kim YS, Kim M, Choi SH, You SH, Yoo RE, Kang KM, Yun TJ, Lee ST, Moon J, Shin YW. Altered Vascular Permeability in Migraine-associated Brain Regions: Evaluation with Dynamic Contrast-enhanced MRI. *Radiology*. 2019 Jul 2;182566. doi: 10.1148/radiol.2019182566. [Epub ahead of print] PubMed PMID: 31264949.

18: Hyun SJ. Let's Not Miss the Forest for the Trees. *Neurospine*. 2019 Jun;16(2):207-208. doi: 10.14245/ns.19edi.003. Epub 2019 Jun 30. PubMed PMID: 31261454; PubMed Central PMCID: PMC6603825.

19: Xu Z, Kim BS, Lee KS, Choi JH, Shin YS. Morphological and clinical risk factors for the rupture of posterior communicating artery aneurysms: significance of fetal-type posterior cerebral artery. *Neurol Sci*. 2019 Jun 29. doi: 10.1007/s10072-019-03991-4. [Epub ahead of print] PubMed PMID: 31256267.

20: Park JH, Lee NK, Lim HJ, Mazumder S, Kumar Rethineswaran V, Kim YJ, Jang WB, Ji ST, Kang S, Kim DY, Van LTH, Giang LTT, Kim DH, Ha JS, Yun J, Kim H, Han J, Mishchenko NP, Fedoreyev SA, Vasileva EA, Kwon SM, Baek SH. Therapeutic Cell Protective Role of Histocholesterol under Oxidative Stress in Human Cardiac Progenitor Cells. *Mar Drugs*. 2019 Jun 21;17(6). pii: E368. doi: 10.3390/md17060368. PubMed PMID: 31234277.

21: Byun YH, Phi JH, Lee JY, Ha EJ, Kim KH, Yang J, Kim HS, Ryu SK, Choi JW, Cho BK, Kim SK. Preservation of the Arachnoid Membrane During Encephaloduroarteriosynangiosis Reduces Postoperative Complications without Undermining the Surgical Outcome in Pediatric Moyamoya Disease. *World Neurosurg*. 2019 Jun 22. pii: S1878-8750(19)31655-9. doi: 10.1016/j.wneu.2019.06.103. [Epub ahead of print] PubMed PMID: 31233923.

22: Kwon HJ, Cho YD, Lim JW, Koh HS, Yoo DH, Kang HS, Han MH. Retrograde stenting through anterior communicating artery in coil embolization of the posterior communicating artery aneurysm: Contralateral approach. *J Neuroradiol*. 2019 Jun 21. pii: S0150-9861(19)30228-7. doi: 10.1016/j.neurad.2019.05.008. [Epub ahead of print] PubMed PMID: 31229579.

23: Park HH, Hong SD, Kim YH, Hong CK, Woo KI, Yun IS, Kong DS. Endoscopic transorbital and endonasal approach for trigeminal schwannomas: a retrospective multicenter analysis (KOSEN-005). *J Neurosurg*. 2019 Jun 21;1-10. doi: 10.3171/2019.3.JNS19492. [Epub ahead of print] PubMed PMID: 31226689.

24: Kim SY, Shin JE, Lee YI, Kim H, Jo HJ, Choi SH. Corrigendum to: Neural evidence for persistent attentional bias to threats in patients with social anxiety disorder. *Soc Cogn Affect Neurosci*. 2018 Dec 4;13(12):1327. doi: 10.1093/scan/nsy115. PubMed PMID: 31222350; PubMed Central PMCID: PMC6301286.

25: Lee EJ, Oh JS, Moon H, Kim MJ, Kim MS, Chung SJ, Kim JS, Jeon SR. Parkinson Disease-Related Pattern of Glucose Metabolism Associated With the Potential for Motor Improvement After Deep Brain Stimulation. *Neurosurgery*. 2019 Jun 19. pii: nyz206. doi: 10.1093/neuros/nyz206. [Epub ahead of print] PubMed PMID: 31215629.

26: Ha SW, Hwang K, Jin J, Cho AS, Kim TY, Hwang SI, Lee HJ, Kim CY. Ultrasound-sensitizing nanoparticle complex for overcoming the blood-brain barrier: an effective drug delivery system. *Int J Nanomedicine*. 2019 May 24;14:3743-3752. doi: 10.2147/IJN.S193258. eCollection 2019. PubMed PMID: 31213800; PubMed Central PMCID: PMC6539164.

27: Nam KW, Cho WS, Kwon HM, Kim JE, Lee YS, Park SW, Rhim JH, Son YJ. Ivy Sign Predicts Ischemic

Stroke Recurrence in Adult Moyamoya Patients without Revascularization Surgery. *Cerebrovasc Dis*. 2019 Jun 18;1-8. doi: 10.1159/000500610. [Epub ahead of print] PubMed PMID: 31212276.

28: An S, Kim T, Oh CW, Bang JS, Lee SU, Heo J. Vascular tortuosity of the internal carotid artery is related to the RNF213 c.14429G > A variant in moyamoya disease. *Sci Rep*. 2019 Jun 13;9(1):8614. doi: 10.1038/s41598-019-45141-y. PubMed PMID: 31197213; PubMed Central PMCID: PMC6565706.

29: Park AK, Lee JY, Cheong H, Ramaswamy V, Park SH, Kool M, Phi JH, Choi SA, Cavalli F, Taylor MD, Kim SK. Subgroup-specific prognostic signaling and metabolic pathways in pediatric medulloblastoma. *BMC Cancer*. 2019 Jun 11;19(1):571. doi: 10.1186/s12885-019-5742-x. PubMed PMID: 31185958; PubMed Central PMCID: PMC6560914.

30: Kim H, Park KJ, Ryu BK, Park DH, Kong DS, Chong K, Chae YS, Chung YG, Park SI, Kang SH. Forkhead box M1 (FOXM1) transcription factor is a key oncogenic driver of aggressive human meningioma progression. *Neuropathol Appl Neurobiol*. 2019 Jun 9. doi: 10.1111/nan.12571. [Epub ahead of print] PubMed PMID: 31179553.

31: Oh TK, Heo E, Song IA, Jeong WJ, Han M, Bang JS. Increased Glucose Variability During Long-Term Therapeutic Hypothermia as a Predictor of Poor Neurological Outcomes and Mortality: A Retrospective Study. *Ther Hypothermia Temp Manag*. 2019 Jun 4. doi: 10.1089/ther.2019.0004. [Epub ahead of print] PubMed PMID: 31161969.

32: Yang NR, Kim JH, Ahn JH, Oh JK, Chang IB, Song JH. Is nontraumatic intracerebral hemorrhage different between young and elderly patients? *Neurosurg Rev*. 2019 Jun 3. doi: 10.1007/s10143-019-01120-5. [Epub ahead of print] PubMed PMID: 31161443.

33: Hwang T, Mathios D, McDonald KL, Daris I, Park SH, Burger PC, Kim S, Dho YS, Carolyn H, Bettegowda C, Shin JH, Lim M, Park CK. Integrative analysis of DNA methylation suggests down-regulation of oncogenic pathways and reduced somatic mutation rates in survival outliers of glioblastoma. *Acta Neuropathol Commun*. 2019 Jun 3;7(1):88. doi: 10.1186/s40478-019-0744-0. PubMed PMID: 31159876; PubMed Central PMCID: PMC6545689.

34: Ahn JH, Kim AR, Kim NKD, Park WY, Kim JS, Kim M, Park J, Lee JI, Cho JW, Cho KR, Youn J. The Effect of Globus Pallidus Interna Deep Brain Stimulation on a Dystonia Patient with the GNAL Mutation Compared to Patients with DYT1 and DYT6. *J Mov Disord*. 2019 May;12(2):120-124. doi: 10.14802/jmd.19006. Epub 2019 May 30. PubMed PMID: 31158945; PubMed Central PMCID: PMC6547035.

35: Jung JM, Hyun SJ, Kim KJ, Jahng TA, Kim HJ, Choi Y. Anatomic Trajectory Screw Fixation at Upper Instrumented Vertebra Is a Substantial Risk Factor for Proximal Junctional Kyphosis. *World Neurosurg*. 2019 May 29. pii: S1878-8750(19)31475-5. doi: 10.1016/j.wneu.2019.05.198. [Epub ahead of print] PubMed PMID: 31152888.

36: Chong S, Lee JY, Kim KH, Shin HI, Kim K, Park K, Kim SK, Wang KC. Radical excision of lumbosacral lipoma: an early experience of “followers”. *Childs Nerv Syst*. 2019 May 31. doi: 10.1007/s00381-019-04212-1. [Epub ahead of print] PubMed PMID: 31152216.

37: Kim CH. In Response to Letter Re: Postoperative Longitudinal Outcomes in Patients with Residual Disc Fragments. *Pain Physician*. 2019 May;22(3):E238-E240. PubMed PMID: 31151351.

38: Lee MH, Kim KH, Cho KR, Choi JW, Kong DS, Seol HJ, Nam DH, Lee JI. Volumetric changes of intracranial metastases during the course of fractionated stereotactic radiosurgery and significance of

- adaptive planning. *J Neurosurg.* 2019 May 31;1-6. doi: 10.3171/2019.3.JNS183130. [Epub ahead of print] PubMed PMID: 31151111.
- 39: Kim W, Kwon HJ, Jung HY, Yoo DY, Moon SM, Kim DW, Hwang IK. Tat-HSP70 protects neurons from oxidative damage in the NSC34 cells and ischemic damage in the ventral horn of rabbit spinal cord. *Neurochem Int.* 2019 May 27;129:104477. doi: 10.1016/j.neuint.2019.104477. [Epub ahead of print] PubMed PMID: 31145969.
- 40: Wui SH, Hyun SJ, Kim KJ, Jahng TA, Kim HJ. Kyphectomy and interbody fixation using lag screws in a child with myelomeningocele kyphosis: a technical case report. *Childs Nerv Syst.* 2019 Aug;35(8):1407-1410. doi: 10.1007/s00381-019-04217-w. Epub 2019 May 28. PubMed PMID: 31139905.
- 41: Shin YW, Moon J, Kim TJ, Kim DY, Chang H, Jun JS, Lee ST, Jung KH, Park KI, Jung KY, Kim M, Lee SK, Chu K. Human leukocyte antigen associations in postural tachycardia syndrome. *Ann Clin Transl Neurol.* 2019 Apr 4;6(5):962-967. doi: 10.1002/acn3.766. eCollection 2019 May. PubMed PMID: 31139694; PubMed Central PMCID: PMC6529927.
- 42: Wilson D, Ambler G, Lee KJ, Lim JS, Shiozawa M, Koga M, Li L, Lovelock C, Chabriat H, Hennerici M, Wong YK, Mak HKF, Prats-Sánchez L, Martínez-Domeño A, Inamura S, Yoshifuji K, Arsava EM, Horstmann S, Purucker J, Lam BYK, Wong A, Kim YD, Song TJ, Schrooten M, Lemmens R, Eppinger S, Gattringer T, Uysal E, Tanriverdi Z, Bornstein NM, Assayag EB, Hallevi H, Tanaka J, Hara H, Coutts SB, Hert L, Polymeris A, Seiffge DJ, Lyrer P, Algra A, Kappelle J, Al-Shahi Salman R, Jäger HR, Lip GYH, Mattle HP, Panos LD, Mas JL, Legrand L, Karayiannis C, Phan T, Gunkel S, Christ N, Abrigo J, Leung T, Chu W, Chappell F, Makin S, Hayden D, Williams DJ, Kooi ME, van Dam-Nolen DHK, Barbato C, Browning S, Wiegertjes K, Tuladhar AM, Maaijwee N, Guevarra C, Yatawara C, Mendyk AM, Delmaire C, Köhler S, van Oostenbrugge R, Zhou Y, Xu C, Hilal S, Gyanwali B, Chen C, Lou M, Staals J, Bordet R, Kandiah N, de Leeuw FE, Simister R, van der Lugt A, Kelly PJ, Wardlaw JM, Soo Y, Fluri F, Srikanth V, Calvet D, Jung S, Kwa VIH, Engelter ST, Peters N, Smith EE, Yakushiji Y, Orken DN, Fazekas F, Thijs V, Heo JH, Mok V, Velthkamp R, Ay H, Imaizumi T, Gomez-Anson B, Lau KK, Jouvent E, Rothwell PM, Toyoda K, Bae HJ, Marti-Fabregas J, Werring DJ; Microbleeds International Collaborative Network. Cerebral microbleeds and stroke risk after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies. *Lancet Neurol.* 2019 Jul;18(7):653-665. doi: 10.1016/S1474-4422(19)30197-8. Epub 2019 May 23. Erratum in: *Lancet Neurol.* 2019 Jul 12;:. PubMed PMID: 31130428; PubMed Central PMCID: PMC6562236.
- 43: Song TJ, Oh SH, Kim J. The impact of statin therapy after surgical or endovascular treatment of cerebral aneurysms. *J Neurosurg.* 2019 May 24;1-8. doi: 10.3171/2019.3.JNS183500. [Epub ahead of print] PubMed PMID: 31125972.
- 44: Jin CB, Kim H, Liu M, Jung W, Joo S, Park E, Ahn YS, Han IH, Lee JI, Cui X. Deep CT to MR Synthesis Using Paired and Unpaired Data. *Sensors (Basel).* 2019 May 22;19(10). pii: E2361. doi: 10.3390/s19102361. PubMed PMID: 31121961; PubMed Central PMCID: PMC6566351.
- 45: Park K, Kim JW, Chung HT, Paek SH, Kim DG. Single-Session versus Multisession Gamma Knife Radiosurgery for Large Brain Metastases from Non-Small Cell Lung Cancer: A Retrospective Analysis. *Stereotact Funct Neurosurg.* 2019 May 22;1-7. doi: 10.1159/000496154. [Epub ahead of print] PubMed PMID: 31117101.
- 46: Pak K, Kim H, Seok JW, Lee MJ, Shin S, Kim K, Lee JM, Seo Y, Kim BS, Jun S, Kim IJ. Prediction of future weight change with dopamine transporter in patients with Parkinson's disease. *J Neural Transm (Vienna).* 2019 Jun;126(6):723-729. doi: 10.1007/s00702-019-02016-w. Epub 2019 May 17. PubMed

PMID: 31102003.

47: Kim D, Chun JH, Kim SH, Moon JH, Kang SG, Chang JH, Yun M. Re-evaluation of the diagnostic performance of (11)C-methionine PET/CT according to the 2016 WHO classification of cerebral gliomas. *Eur J Nucl Med Mol Imaging*. 2019 Jul;46(8):1678-1684. doi: 10.1007/s00259-019-04337-0. Epub 2019 May 17. PubMed PMID: 31102001.

48: Kim HC, Rhim JK, Ahn JH, Park JJ, Moon JU, Hong EP, Kim MR, Kim SG, Lee SH, Jeong JH, Choi SW, Jeon JP. Machine Learning Application for Rupture Risk Assessment in Small-Sized Intracranial Aneurysm. *J Clin Med*. 2019 May 15;8(5). pii: E683. doi: 10.3390/jcm8050683. PubMed PMID: 31096607; PubMed Central PMCID: PMC6572384.

49: Teo WY, Sekar K, Seshachalam P, Shen J, Chow WY, Lau CC, Yang H, Park J, Kang SG, Li X, Nam DH, Hui KM. Relevance of a TCGA-derived Glioblastoma Subtype Gene-Classifer among Patient Populations. *Sci Rep*. 2019 May 15;9(1):7442. doi: 10.1038/s41598-019-43173-y. PubMed PMID: 31092847; PubMed Central PMCID: PMC6520485.

50: Phi JH, Cho BK. Epilepsy Surgery in 2019 : A Time to Change. *J Korean Neurosurg Soc*. 2019 May;62(3):361-365. doi: 10.3340/jkns.2019.0078. Epub 2019 May 1. PubMed PMID: 31085963; PubMed Central PMCID: PMC6514313.

51: Lee EJ, Kalia SK, Hong SH. A Primer on Magnetic Resonance-Guided Laser Interstitial Thermal Therapy for Medically Refractory Epilepsy. *J Korean Neurosurg Soc*. 2019 May;62(3):353-360. doi: 10.3340/jkns.2019.0105. Epub 2019 May 1. Erratum in: *J Korean Neurosurg Soc*. 2019 Jul;62(4):492. PubMed PMID: 31085962; PubMed Central PMCID: PMC6514321.

52: Yang J, Phi JH. The Present and Future of Vagus Nerve Stimulation. *J Korean Neurosurg Soc*. 2019 May;62(3):344-352. doi: 10.3340/jkns.2019.0037. Epub 2019 May 1. PubMed PMID: 31085961; PubMed Central PMCID: PMC6514309.

53: Phi JH, Kim SK. Clinical Pearls and Advances in Molecular Researches of Epilepsy-Associated Tumors. *J Korean Neurosurg Soc*. 2019 May;62(3):313-320. doi: 10.3340/jkns.2019.0033. Epub 2019 May 1. PubMed PMID: 31085957; PubMed Central PMCID: PMC6514318.

54: Lee JY. Normal and Disordered Formation of the Cerebral Cortex : Normal Embryology, Related Molecules, Types of Migration, Migration Disorders. *J Korean Neurosurg Soc*. 2019 May;62(3):265-271. doi: 10.3340/jkns.2019.0098. Epub 2019 May 1. PubMed PMID: 31085952; PubMed Central PMCID: PMC6514308.

55: Park TH, Woo SH, Lee SJ, Sohn DM, Chung CK, Kim YJ, Sohn S. Cross-link is a risk factor for rod fracture at pedicle subtraction osteotomy site: A finite element study. *J Clin Neurosci*. 2019 Aug;66:246-250. doi: 10.1016/j.jocn.2019.04.036. Epub 2019 May 10. PubMed PMID: 31085076.

56: Kim SY, Hyun SJ, Kim KJ, Jahng TA. Surgical Outcomes According to Dekyphosis in Patients with Ossification of the Posterior Longitudinal Ligament in the Thoracic Spine. *J Korean Neurosurg Soc*. 2019 May 14. doi: 10.3340/jkns.2018.0177. [Epub ahead of print] PubMed PMID: 31079447.

57: Shin HR, Moon J, Lee HS, Ahn SJ, Kim TJ, Jun JS, Sunwoo JS, Lee ST, Jung KH, Park KI, Jung KY, Kim M, Lee SK, Chu K. Increasing prevalence of antimicrobial resistance in urinary tract infections of neurological patients, Seoul, South Korea, 2007-2016. *Int J Infect Dis*. 2019 Jul;84:109-115. doi: 10.1016/j.ijid.2019.05.002. Epub 2019 May 8. PubMed PMID: 31077804.

- 58: Kim JW, Jung HW, Kim YH, Park CK, Chung HT, Paek SH, Kim DG, Lee SH. Petroclival meningiomas: long-term outcomes of multimodal treatments and management strategies based on 30 years of experience at a single institution. *J Neurosurg*. 2019 May 10;1-8. doi: 10.3171/2019.2.JNS182604. [Epub ahead of print] PubMed PMID: 31075775.
- 59: Ahn S, Mo H, Han A, Min SI, Min SK, Ha J, Lee CH, Jang MJ, Jung IM. The Use of Antithrombotics Is Not Beneficial for Conservative Management of Spontaneous Isolated Dissection of the Superior Mesenteric Artery: A Meta-analysis. *Ann Vasc Surg*. 2019 May 8. pii: S0890-5096(19)30277-8. doi: 10.1016/j.avsg.2019.02.022. [Epub ahead of print] Review. PubMed PMID: 31075482.
- 60: Lee SU, Kim T, Kwon OK, Bang JS, Ban SP, Byoun HS, Oh CW. Trends in the Incidence and Treatment of Cerebrovascular Diseases in Korea : Part I. Intracranial Aneurysm, Intracerebral Hemorrhage, and Arteriovenous Malformation. *J Korean Neurosurg Soc*. 2019 May 8. doi: 10.3340/jkns.2018.0179. [Epub ahead of print] PubMed PMID: 31064041.
- 61: Lee SU, Kim T, Kwon OK, Bang JS, Ban SP, Byoun HS, Oh CW. Trends in the Incidence and Treatment of Cerebrovascular Diseases in Korea : Part II. Cerebral Infarction, Cerebral Arterial Stenosis, and Moyamoya Disease. *J Korean Neurosurg Soc*. 2019 May 8. doi: 10.3340/jkns.2018.0182. [Epub ahead of print] PubMed PMID: 31064040.
- 62: Kim YZ, Kim CY, Lim J, Sung KS, Lee J, Oh HJ, Kang SG, Kang SH, Kong DS, Kim SH, Kim SH, Kim SH, Kim YJ, Kim EH, Kim IA, Kim HS, Roh TH, Park JS, Park HJ, Song SW, Yang SH, Yoon WS, Yoon HI, Lee ST, Lee SW, Lee YS, Wee CW, Chang JH, Jung TY, Jung HL, Cho JH, Choi SH, Choi HS, Hong JB, Lim DH, Chung DS; KSNO Guideline Working Group. The Korean Society for Neuro-Oncology (KSNO) Guideline for Glioblastomas: Version 2018.01. *Brain Tumor Res Treat*. 2019 Apr;7(1):1-9. doi: 10.14791/btrt.2019.7.e25. PubMed PMID: 31062525; PubMed Central PMCID: PMC6504754.
- 63: Yang J, Kim SK, Kim KJ, Chae JH, Lim BC, Wang KC, Park SH, Phi JH. Satellite lesions of DNET: implications for seizure and tumor control after resection. *J Neurooncol*. 2019 Jul;143(3):437-445. doi: 10.1007/s11060-019-03174-3. Epub 2019 May 3. PubMed PMID: 31054098.
- 64: Lee SH, Cho WS, Kang HS, Kim JE, Cho YD, Yoo DH, Han MH. Newly occurring cranial nerve palsy after endovascular treatment of cavernous sinus dural arteriovenous fistulas. *J Neurointerv Surg*. 2019 May 2. pii: neurintsurg-2018-014704. doi: 10.1136/neurintsurg-2018-014704. [Epub ahead of print] PubMed PMID: 31048455.
- 65: Baek JH, Kim BM, Kang DH, Heo JH, Nam HS, Kim YD, Hwang YH, Kim YW, Kim YS, Kim DJ, Kwak HS, Roh HG, Lee YJ, Kim SH, Baik SK, Jeon P, Yoo J, Suh SH, Kim B, Kim JW, Suh S, Jeon HJ. Balloon Guide Catheter Is Beneficial in Endovascular Treatment Regardless of Mechanical Recanalization Modality. *Stroke*. 2019 Jun;50(6):1490-1496. doi: 10.1161/STROKEAHA.118.024723. Epub 2019 May 2. PubMed PMID: 31043149.
- 66: Park B, Noh SH, Park JY. Reduction and monosegmental fusion for lumbar spondylolisthesis with a long tab percutaneous pedicle screw system: "swing" technique. *Neurosurg Focus*. 2019 May 1;46(5):E11. doi: 10.3171/2019.2.FOCUS18724. PubMed PMID: 31042652.
- 67: Jun JS, Kim R, Byun JI, Kim TJ, Lim JA, Sunwoo JS, Lee ST, Jung KH, Park KI, Chu K, Kim M, Lee SK, Jung KY. Prolonged-release melatonin in patients with idiopathic REM sleep behavior disorder. *Ann Clin Transl Neurol*. 2019 Mar 7;6(4):716-722. doi: 10.1002/acn3.753. eCollection 2019 Apr. PubMed PMID: 31019996; PubMed Central PMCID: PMC6469244.
- 68: Noh SH, Zhang HY, Lee SH, Choi JK, Chin DK. Changes in Trends of Spondylitis in Korea Based on a Nationwide Database. *Yonsei Med J*. 2019 May;60(5):487-489. doi: 10.3349/ymj.2019.60.5.487.

PubMed PMID: 31016913; PubMed Central PMCID: PMC6479126.

69: Cheon H, Paik JH, Choi M, Yang HJ, Son JH. Detection and manipulation of methylation in blood cancer DNA using terahertz radiation. *Sci Rep*. 2019 Apr 23;9(1):6413. doi: 10.1038/s41598-019-42855-x. PubMed PMID: 31015556; PubMed Central PMCID: PMC6478716.

70: Won TB, Cho SW, Sung MW, Paek SH, Chan S, Salisbury K, Blevins NH, Vaisbuch Y, Hwang P. Validation of a rhinologic virtual surgical simulator for performing a Draf 3 endoscopic frontal sinusotomy. *Int Forum Allergy Rhinol*. 2019 Apr 23. doi: 10.1002/alr.22333. [Epub ahead of print] PubMed PMID: 31012526.

71: Oh SJ, Ahn EJ, Kim O, Kim D, Jung TY, Jung S, Lee JH, Kim KK, Kim H, Kim EH, Lee KH, Moon KS. The Role Played by SLUG, an Epithelial-Mesenchymal Transition Factor, in Invasion and Therapeutic Resistance of Malignant Glioma. *Cell Mol Neurobiol*. 2019 Aug;39(6):769-782. doi: 10.1007/s10571-019-00677-5. Epub 2019 Apr 22. PubMed PMID: 31011939.

72: Alber J, Alladi S, Bae HJ, Barton DA, Beckett LA, Bell JM, Berman SE, Biessels GJ, Black SE, Bos I, Bowman GL, Brai E, Brickman AM, Callahan BL, Corriveau RA, Fossati S, Gottesman RF, Gustafson DR, Hachinski V, Hayden KM, Helman AM, Hughes TM, Isaacs JD, Jefferson AL, Johnson SC, Kapasi A, Kern S, Kwon JC, Kukolja J, Lee A, Lockhart SN, Murray A, Osborn KE, Power MC, Price BR, Rhodius-Meester HFM, Rondeau JA, Rosen AC, Rosene DL, Schneider JA, Scholtzova H, Shaaban CE, Silva NCBS, Snyder HM, Swardfager W, Troen AM, van Veluw SJ, Vemuri P, Wallin A, Wellington C, Wilcock DM, Xie SX, Hainsworth AH. White matter hyperintensities in vascular contributions to cognitive impairment and dementia (VCID): Knowledge gaps and opportunities. *Alzheimers Dement (N Y)*. 2019 Apr 9;5:107-117. doi: 10.1016/j.trci.2019.02.001. eCollection 2019. Review. PubMed PMID: 31011621; PubMed Central PMCID: PMC6461571.

73: Weaver NA, Zhao L, Biesbroek JM, Kuijf HJ, Aben HP, Bae HJ, Caballero MÁA, Chappell FM, Chen CPLH, Dichgans M, Duering M, Georgakis MK, van der Giessen RS, Gyanwali B, Hamilton OKL, Hilal S, Vom Hofe EM, de Kort PLM, Koudstaal PJ, Lam BYK, Lim JS, Makin SDJ, Mok VCT, Shi L, Valdés Hernández MC, Venketasubramanian N, Wardlaw JM, Wollenweber FA, Wong A, Xin X; Meta VCI Map consortium, Biessels GJ. The Meta VCI Map consortium for meta-analyses on strategic lesion locations for vascular cognitive impairment using lesion-symptom mapping: Design and multicenter pilot study. *Alzheimers Dement (Amst)*. 2019 Apr 12;11:310-326. doi: 10.1016/j.dadm.2019.02.007. eCollection 2019 Dec. PubMed PMID: 31011619; PubMed Central PMCID: PMC6465616.

74: Lee J, Jo DH, Kim JH, Cho CS, Han JE, Kim Y, Park H, Yoo SH, Yu YS, Moon HE, Park HR, Kim DG, Kim JH, Paek SH. Development of a patient-derived xenograft model of glioblastoma via intravitreal injection in mice. *Exp Mol Med*. 2019 Apr 16;51(4):43. doi: 10.1038/s12276-019-0241-3. PubMed PMID: 30992429; PubMed Central PMCID: PMC6467997.

75: Ko SB, Park HK, Kim BM, Heo JH, Rha JH, Kwon SU, Kim JS, Lee BC, Suh SH, Jung C, Jeong HW, Kang DH, Bae HJ, Yoon BW, Hong KS. 2019 Update of the Korean Clinical Practice Guidelines of Stroke for Endovascular Recanalization Therapy in Patients with Acute Ischemic Stroke. *J Stroke*. 2019 May;21(2):231-240. doi: 10.5853/jos.2019.00024. Epub 2019 Apr 17. PubMed PMID: 30991800; PubMed Central PMCID: PMC6549067.

76: Choi JH, Lee JE, Kim SH, Kim HL, Jeun SS, Yang SH. Functional survival of rat pituitary gland in hypothermic storage for pituitary transplantation. *Pituitary*. 2019 Aug;22(4):353-361. doi: 10.1007/s11102-019-00959-7. PubMed PMID: 30989445.

77: Kim JH, Roh H, Yoon WK, Kwon TH, Chong K, Hwang SY, Kim JH. Clinical Features of Patients With

Spontaneous Intracranial Hypotension Complicated With Bilateral Subdural Fluid Collections. Headache. 2019 May;59(5):775-786. doi: 10.1111/head.13525. Epub 2019 Apr 15. PubMed PMID: 30985923.

78: Yoo Y, Moon JY, Yoon S, Kwon SM, Sim SE. Clinical outcome of percutaneous lumbar foraminoplasty using a safety-improved device in patients with lumbar foraminal spinal stenosis. Medicine (Baltimore). 2019 Apr;98(15):e15169. doi: 10.1097/MD.00000000000015169. PubMed PMID: 30985699; PubMed Central PMCID: PMC6485750.

79: Kim WJ, Dho YS, Ock CY, Kim JW, Choi SH, Lee ST, Kim IH, Kim TM, Park CK. Clinical observation of lymphopenia in patients with newly diagnosed glioblastoma. J Neurooncol. 2019 Jun;143(2):321-328. doi: 10.1007/s11060-019-03167-2. Epub 2019 Apr 13. PubMed PMID: 30982199.

80: Lim JA, Jun JS, Yang TW, Park B, Kim KT, Lee HE, Lee SK, Jung KY. Head jerks during sleep in a patient with obstructive sleep apnea. Sleep Med. 2019 May;57:141-143. doi: 10.1016/j.sleep.2019.02.013. Epub 2019 Feb 28. PubMed PMID: 30981958.

81: Kim DK, Choi SA, Eun KM, Kim SK, Kim DW, Phi JH. Tumour necrosis factor alpha and interleukin-5 inhibit olfactory regeneration via apoptosis of olfactory sphere cells in mice models of allergic rhinitis. Clin Exp Allergy. 2019 Apr 13. doi: 10.1111/cea.13401. [Epub ahead of print] PubMed PMID: 30980570.

82: Kim CH, Chung CK, Choi Y, Kim MJ, Yim D, Yang SH, Lee CH, Jung JM, Hwang SH, Kim DH, Yoon JH, Park SB. The Long-Term Reoperation Rate Following Surgery for Lumbar Herniated Intervertebral Disc Disease: A Nationwide Sample Cohort Study with A 10-Year Follow-Up. Spine (Phila Pa 1976). 2019 Apr 5. doi: 10.1097/BRS.0000000000003065. [Epub ahead of print] PubMed PMID: 30973508.

83: Shin J, Hwang M, Back S, Nam H, Yoo C, Park J, Son H, Lee J, Lim H, Lee K, Moon H, Kim J, Cho H, Choi H. Electrical impulse effects on degenerative human annulus fibrosus model to reduce disc pain using micro-electrical impulse-on-a-chip. Sci Rep. 2019 Apr 9;9(1):5827. doi: 10.1038/s41598-019-42320-9. PubMed PMID: 30967598; PubMed Central PMCID: PMC6456732.

84: Yun JW, Bae YK, Cho SY, Koo H, Kim HJ, Nam DH, Kim SH, Chun S, Joo KM, Park WY. Elucidation of Novel Therapeutic Targets for Acute Myeloid Leukemias with RUNX1-RUNX1T1 Fusion. Int J Mol Sci. 2019 Apr 6;20(7). pii: E1717. doi: 10.3390/ijms20071717. PubMed PMID: 30959925; PubMed Central PMCID: PMC6480444.

85: Lee U, Kim CH, Kuo CC, Choi Y, Park SB, Yang SH, Lee CH, Kim KT, Chung CK. Does Preservation of Ligamentum Flavum in Percutaneous Endoscopic Lumbar Interlaminar Discectomy Improve Clinical Outcomes? Neurospine. 2019 Mar;16(1):113-119. doi: 10.14245/ns.1938008.004. Epub 2019 Mar 31. PubMed PMID: 30943713; PubMed Central PMCID: PMC6449832.

86: Jang H, Jang YK, Kim HJ, Werring DJ, Lee JS, Choe YS, Park S, Lee J, Kim KW, Kim Y, Cho SH, Kim SE, Kim SJ, Charidimou A, Na DL, Seo SW. Clinical significance of amyloid β positivity in patients with probable cerebral amyloid angiopathy markers. Eur J Nucl Med Mol Imaging. 2019 Jun;46(6):1287-1298. doi: 10.1007/s00259-019-04314-7. Epub 2019 Apr 2. PubMed PMID: 30937462.

87: La G, Zhou M, Lim JY, Oh S, Xing H, Liu N, Yang Y, Liu X, Zhong L. Proteomics and Transcriptomics Analysis Reveals Clues into the Mechanism of the Beneficial Effect of Electrical Stimulation on Rat Denervated Gastrocnemius Muscle. Cell Physiol Biochem. 2019;52(4):769-786. doi: 10.33594/000000054. PubMed PMID: 30933441.

88: Kwon OK. Headache and Aneurysm. Neuroimaging Clin N Am. 2019 May;29(2):255-260. doi:

10.1016/j.nic.2019.01.004. Epub 2019 Feb 20. Review. PubMed PMID: 30926115.

89: Kim DH, Lee MS, Lee S, Yoon SH, Shin JW, Choi SS. A Prospective Randomized Comparison of the Efficacy of Ultrasound- vs Fluoroscopy-Guided Genicular Nerve Block for Chronic Knee Osteoarthritis. *Pain Physician*. 2019 Mar;22(2):139-146. PubMed PMID: 30921977.

90: Jung JM, Chung CK, Kim CH, Yang SH. Minimally Invasive Surgery without Decompression for Hepatocellular Carcinoma Spinal Metastasis with Epidural Spinal Cord Compression Grade 2. *J Korean Neurosurg Soc*. 2019 Jul;62(4):467-475. doi: 10.3340/jkns.2018.0199. Epub 2019 Mar 28. PubMed PMID: 30919607.

91: Hyun SJ, Han S, Kim YB, Kim YJ, Kang GB, Cheong JY. Predictive formula of ideal lumbar lordosis and lower lumbar lordosis determined by individual pelvic incidence in asymptomatic elderly population. *Eur Spine J*. 2019 Mar 22. doi: 10.1007/s00586-019-05955-w. [Epub ahead of print] PubMed PMID: 30903294.

92: Chen ST, Chen L, Lin DS, Chen SY, Tsao YP, Guo H, Li FJ, Tseng WT, Tam JW, Chao CW, Brickey WJ, Dzhagalov I, Song MJ, Kang HR, Jung JU, Ting JP. NLRP12 Regulates Anti-viral RIG-I Activation via Interaction with TRIM25. *Cell Host Microbe*. 2019 Apr 10;25(4):602-616.e7. doi: 10.1016/j.chom.2019.02.013. Epub 2019 Mar 19. PubMed PMID: 30902577; PubMed Central PMCID: PMC6459718.

93: Park SB, Chung CK, Gonzalez E, Yoo C. Erratum to: Causal Inference Network of Genes Related with Bone Metastasis of Breast Cancer and Osteoblasts Using Causal Bayesian Networks. *J Bone Metab*. 2019 Feb;26(1):61. doi: 10.11005/jbm.2019.26.1.61. Epub 2019 Feb 28. PubMed PMID: 30899726; PubMed Central PMCID: PMC6416152.

94: Jung JM, Chung CK, Kim CH, Yang SH. Clinical and radiologic outcomes of single-level direct lateral lumbar interbody fusion in patients with osteopenia. *J Clin Neurosci*. 2019 Jun;64:180-186. doi: 10.1016/j.jocn.2019.03.004. Epub 2019 Mar 18. PubMed PMID: 30898490.

95: Lawrenson K, Song F, Hazelett DJ, Kar SP, Tyrer J, Phelan CM, Corona RI, Rodríguez-Malavé NI, Seo JH, Adler E, Coetzee SG, Segato F, Fonseca MAS, Amos CI, Carney ME, Chenevix-Trench G, Choi J, Doherty JA, Jia W, Jin GJ, Kim BG, Le ND, Lee J, Li L, Lim BK, Adenan NA, Mizuno M, Park B, Pearce CL, Shan K, Shi Y, Shu XO, Sieh W; Australian Ovarian Cancer Study Group, Thompson PJ, Wilkens LR, Wei Q, Woo YL, Yan L, Karlan BY, Freedman ML, Noushmehr H, Goode EL, Berchuck A, Sellers TA, Teo SH, Zheng W, Matsuo K, Park S, Chen K, Pharoah PDP, Gayther SA, Goodman MT. Genome-wide association studies identify susceptibility loci for epithelial ovarian cancer in east Asian women. *Gynecol Oncol*. 2019 May;153(2):343-355. doi: 10.1016/j.ygyno.2019.02.023. Epub 2019 Mar 19. PubMed PMID: 30898391.

96: Park MS, Ju YS, Moon SH, Kim TH, Oh JK, Lim JK, Kim CH, Chung CK, Chang HG. Repeat decompression and fusions following posterolateral fusion versus posterior/transforaminal lumbar interbody fusion for lumbar spondylosis: a national database study. *Sci Rep*. 2019 Mar 20;9(1):4926. doi: 10.1038/s41598-019-41366-z. PubMed PMID: 30894618; PubMed Central PMCID: PMC6426932.

97: Kim SY, Lim BC, Lee JS, Kim WJ, Kim H, Ko JM, Kim KJ, Choi SA, Kim H, Hwang H, Choi JE, Cho A, Moon J, Seong MW, Park SS, Lee YJ, Kim YO, Kim JS, Kim WS, Kwon YS, Park JD, Ahn Y, Hwang JY, Park HY, Lee Y, Choi M, Chae JH. The Korean undiagnosed diseases program: lessons from a one-year pilot project. *Orphanet J Rare Dis*. 2019 Mar 20;14(1):68. doi: 10.1186/s13023-019-1041-5. PubMed PMID: 30894207; PubMed Central PMCID: PMC6427886.

98: Schönfeld MH, Forkert ND, Fiehler J, Cho YD, Han MH, Kang HS, Peach TW, Byrne JV. Hemodynamic Differences Between Recurrent and Nonrecurrent Intracranial Aneurysms: Fluid Dynamics Simulations Based on MR Angiography. *J Neuroimaging*. 2019 Jul;29(4):447-453. doi: 10.1111/jon.12612. Epub 2019 Mar 20. PubMed PMID: 30891876.

99: Hwang K, Joo JD, Kim YH, Han JH, Oh CW, Yun CH, Park SH, Kim CY. Risk factors for preoperative and late postoperative seizures in primary supratentorial meningiomas. *Clin Neurol Neurosurg*. 2019 May;180:34-39. doi: 10.1016/j.clineuro.2019.03.007. Epub 2019 Mar 11. PubMed PMID: 30889470.

100: Hwang-Bo H, Lee WS, Nagappan A, Kim HJ, Panchanathan R, Park C, Chang SH, Kim ND, Leem SH, Chang YC, Kwon TK, Cheong JH, Kim GS, Jung JM, Shin SC, Hong SC, Choi YH. Morin enhances auranofin anticancer activity by up-regulation of DR4 and DR5 and modulation of Bcl-2 through reactive oxygen species generation in Hep3B human hepatocellular carcinoma cells. *Phytother Res*. 2019 May;33(5):1384-1393. doi: 10.1002/ptr.6329. Epub 2019 Mar 19. PubMed PMID: 30887612.

101: Lee CH, Hong JT, Kang DH, Kim KJ, Kim SW, Kim SW, Kim YJ, Chung CK, Shin JJ, Oh JK, Yi S, Lee JK, Lee JH, Lee HJ, Chun HJ, Cho DC, Jin YJ, Choi KC, Han IH, Hyun SJ, Hur JW, Song GS. Epidemiology of Iatrogenic Vertebral Artery Injury in Cervical Spine Surgery: 21 Multicenter Studies. *World Neurosurg*. 2019 Mar 13. pii: S1878-8750(19)30668-0. doi: 10.1016/j.wneu.2019.03.042. [Epub ahead of print] PubMed PMID: 30878743.

102: Kim R, Cho HJ, Lee HW, Jun JS. Refractory Nonconvulsive Status Epilepticus with Favorable Outcome in a Patient with Marchiafava-Bignami Disease. *J Clin Neurol*. 2019 Jul;15(3):393-394. doi: 10.3988/jcn.2019.15.3.393. Epub 2019 Mar 11. PubMed PMID: 30877698.

Yi YG, Kim K, Shin HI, Bang MS, Kim HS, Choi J, Wang KC, Kim SK, Lee JY, Phi JH, Seo HG. Feasibility of intraoperative monitoring of motor evoked potentials obtained through transcranial electrical stimulation in infants younger than 3 months. *J Neurosurg Pediatr*. 2019 Mar 15:1-9. doi: 10.3171/2019.1.PEDS18674. [Epub ahead of print] PubMed PMID: 30875681.

2: Lee CK, Choi SK, Shin DA, Yi S, Ha Y, Kim KN, Kim I. Influence of diabetes mellitus on patients with lumbar spinal stenosis: A nationwide population-based study. *PLoS One*. 2019 Mar 15;14(3):e0213858. doi: 10.1371/journal.pone.0213858. eCollection 2019. PubMed PMID: 30875413.

3: Yi HJ, Sung JH, Lee MH, Lee DH. Experience of the new FLOW GATE (2) device as a balloon guide catheter for ischemic stroke intervention. *World Neurosurg*. 2019 Mar 6. pii: S1878-8750(19)30563-7. doi: 10.1016/j.wneu.2019.02.140. [Epub ahead of print] PubMed PMID: 30851472.

4: Kim B, Kim BM, Bang OY, Baek JH, Heo JH, Nam HS, Kim YD, Yoo J, Kim DJ, Jeon P, Baik SK, Suh SH, Lee KY, Kwak HS, Roh HG, Lee YJ, Kim SH, Ryu CW, Ihn YK, Jeon HJ, Kim JW, Byun JS, Suh S, Park JJ, Lee WJ, Roh J, Shin BS. Carotid Artery Stenting and Intracranial Thrombectomy for Tandem Cervical and Intracranial Artery Occlusions. *Neurosurgery*. 2019 Mar 8. pii: nyz026. doi: 10.1093/neuros/nyz026. [Epub ahead of print] PubMed PMID: 30848283.

5: Kang DH, Kim JW, Kim BM, Heo JH, Nam HS, Kim YD, Hwang YH, Kim YW, Baek JH, Yoo J, Kim DJ, Jeon P, Bang OY, Baik SK, Suh SH, Lee KY, Kwak HS, Roh HG, Lee YJ, Kim SH, Ryu CW, Ihn YK, Kim B, Jeon HJ, Byun JS, Suh S, Park JJ, Roh J. Need for rescue treatment and its implication: stent retriever versus contact aspiration thrombectomy. *J Neurointerv Surg*. 2019 Mar 6. pii: neurintsurg-2018-014696. doi: 10.1136/neurintsurg-2018-014696. [Epub ahead of print] PubMed PMID: 30842306.

6: Hwang K, Kwon T, Park J, Joo JD, Han JH, Oh CW, Kim CY. Growth Pattern and Prognostic Factors of Untreated Nonfunctioning pituitary neuroendocrine tumors. *J Korean Neurosurg Soc*. 2019

Mar;62(2):256-262. doi: 10.3340/jkns.2018.0153. Epub 2019 Feb 27. PubMed PMID: 30840981.

7: Bae KH, Hong JB, Choi YJ, Jung JH, Han IB, Choi JM, Sohn S. Association of Congestive Heart Failure and Death with Ankylosing Spondylitis : A Nationwide Longitudinal Cohort Study in Korea. J Korean Neurosurg Soc. 2019 Mar;62(2):217-224. doi: 10.3340/jkns.2018.0110. Epub 2019 Feb 27. PubMed PMID: 30840977.

8: Lee HJ, Sung JH, Hong JT, Kim IS, Yang SH, Cho CB. Change of Extracellular Glutamate Level in Striatum during Deep Brain Stimulation of the Entopeduncular Nucleus in Rats. J Korean Neurosurg Soc. 2019 Mar;62(2):166-174. doi: 10.3340/jkns.2018.0122. Epub 2019 Feb 27. PubMed PMID: 30840971.

9: Choi HH, Cho YD, Yoo DH, Lee SH, Yeon EK, Kang HS, Cho WS, Kim JE, Han MH. Safety and efficacy of anterior communicating artery compromise during endovascular coil embolization of adjoining aneurysms. J Neurosurg. 2019 Mar 1:1-9. doi: 10.3171/2018.11.JNS181929. [Epub ahead of print] PubMed PMID: 30835696.

10: Kim SG, Seo SH, Shin JH, Yang JP, Lee SH, Shin EH. Increase in the nuclear localization of PTEN by the Toxoplasma GRA16 protein and subsequent induction of p53-dependent apoptosis and anticancer effect. J Cell Mol Med. 2019 Mar 4. doi: 10.1111/jcmm.14207. [Epub ahead of print] PubMed PMID: 30834688.

11: Choi SH, Kim YB, Paek SH, Cho ZH. Papez Circuit Observed by in vivo Human Brain With 7.0T MRI Super-Resolution Track Density Imaging and Track Tracing. Front Neuroanat. 2019 Feb 18;13:17. doi: 10.3389/fnana.2019.00017. eCollection 2019. PubMed PMID: 30833891; PubMed Central PMCID: PMC6387901.

12: Jung K, Kim I, Park SK, Cho H, Park CY, Yun JH, Kim OH, Park JO, Lee KJ, Hong KJ, Yoon HD, Park JM, Kim S, Sung HK, Choi J, Kim Y. Preventable Trauma Death Rate after Establishing a National Trauma System in Korea. J Korean Med Sci. 2019 Feb 22;34(8):e65. doi: 10.3346/jkms.2019.34.e65. eCollection 2019 Mar 4. PubMed PMID: 30833882; PubMed Central PMCID: PMC6393760.

13: Park HR, Park KW, Lee JM, Kim JH, Jeong SS, Kim JW, Chung HT, Kim DG, Paek SH. Frameless Fractionated Gamma Knife Radiosurgery with ICON™ for Large Metastatic Brain Tumors. J Korean Med Sci. 2019 Feb 12;34(8):e57. doi: 10.3346/jkms.2019.34.e57. eCollection 2019 Mar 4. PubMed PMID: 30833881; PubMed Central PMCID: PMC6393762.

14: Jangra A, Choi SA, Koh EJ, Moon YJ, Wang KC, Phi JH, Lee JY, Kim SK. Panobinostat, a histone deacetylase inhibitor, rescues the angiogenic potential of endothelial colony-forming cells in moyamoya disease. Childs Nerv Syst. 2019 Feb 27. doi: 10.1007/s00381-019-04099-y. [Epub ahead of print] PubMed PMID: 30815722.

15: Lee S, Kim YO, Baek JS, Ryu JA. The prognostic value of optic nerve sheath diameter in patients with subarachnoid hemorrhage. Crit Care. 2019 Feb 26;23(1):65. doi: 10.1186/s13054-019-2360-6. PubMed PMID: 30808383.

16: Ahn JC, Cho SW, Kim DK, Han DH, Kim DY, Rhee CS, Lee CH, Kim YH, Paek SH, Won TB. Recovery period of sinonasal quality of life and its associated factors after endoscopic endonasal approach for anterior skull base tumors. Acta Otolaryngol. 2019 Feb 26:1-6. doi: 10.1080/00016489.2019.1574982. [Epub ahead of print] PubMed PMID: 30806120.

17: Jun S, Kim JS, Chung CK. Direct Stimulation of Human Hippocampus During Verbal Associative

Encoding Enhances Subsequent Memory Recollection. *Front Hum Neurosci*. 2019 Feb 5;13:23. doi: 10.3389/fnhum.2019.00023. eCollection 2019. PubMed PMID: 30804768; PubMed Central PMCID: PMC6371751.

18: Jeon HY, Ham SW, Kim JK, Jin X, Lee SY, Shin YJ, Choi CY, Sa JK, Kim SH, Chun T, Jin X, Nam DH, Kim H. Ly6G(+) inflammatory cells enable the conversion of cancer cells to cancer stem cells in an irradiated glioblastoma model. *Cell Death Differ*. 2019 Feb 25. doi: 10.1038/s41418-019-0282-0. [Epub ahead of print] PubMed PMID: 30804471.

19: Oh TK, Jeon YT, Sohn H, Chung SH, Do SH. Association of perioperative hyperchloremia and hyperchloremic metabolic acidosis with acute kidney injury after craniotomy for intracranial hemorrhage. *World Neurosurg*. 2019 Feb 21. pii: S1878-8750(19)30421-8. doi: 10.1016/j.wneu.2019.02.015. [Epub ahead of print] PubMed PMID: 30797920.

20: Postuma RB, Iranzo A, Hu M, Högl B, Boeve BF, Manni R, Oertel WH, Arnulf I, Ferini-Strambi L, Puligheddu M, Antelmi E, Cochen De Cock V, Arnaldi D, Mollenhauer B, Videnovic A, Sonka K, Jung KY, Kunz D, Dauvilliers Y, Provini F, Lewis SJ, Buskova J, Pavlova M, Heidebreder A, Montplaisir JY, Santamaria J, Barber TR, Stefani A, St Louis EK, Terzaghi M, Janzen A, Leu-Semenescu S, Plazzi G, Nobili F, Sixel-Doering F, Dusek P, Bes F, Cortelli P, Ehgoetz Martens K, Gagnon JF, Gaig C, Zucconi M, Trenkwalder C, Gan-Or Z, Lo C, Rolinski M, Mahlknecht P, Holzknecht E, Boeve AR, Teigen LN, Toscano G, Mayer G, Morbelli S, Dawson B, Pelletier A. Risk and predictors of dementia and parkinsonism in idiopathic REM sleep behaviour disorder: a multicentre study. *Brain*. 2019 Mar 1;142(3):744-759. doi: 10.1093/brain/awz030. PubMed PMID: 30789229; PubMed Central PMCID: PMC6391615.

21: Nam HC, Sung PS, Song DS, Kwon JH, Nam SW, Yoon DJ, Jang JW, Choi JY, Yoon SK, Moon SW, Jang HS, Park JS, Jeun SS, Hong YK, Bae SH. Control of intracranial disease is associated with improved survival in patients with brain metastasis from hepatocellular carcinoma. *Int J Clin Oncol*. 2019 Feb 20. doi: 10.1007/s10147-019-01407-z. [Epub ahead of print] PubMed PMID: 30788672.

22: Skinner SA, Aydinlar EI, Borges LF, Carter BS, Currier BL, Deletis V, Dong C, Dormans JP, Drost G, Fernandez-Conejero I, Hoffman EM, Holdefer RN, Kimaid PAT, Koht A, Kothbauer KF, MacDonald DB, McAuliffe JJ 3rd, Morledge DE, Morris SH, Norton J, Novak K, Park KS, Perra JH, Prell J, Rippe DM, Sala F, Schwartz DM, Segura MJ, Seidel K, Seubert C, Simon MV, Soto F, Strommen JA, Szelenyi A, Tello A, Ulkatan S, Urriza J, Wilkinson M. Correction to: Is the new ASNM intraoperative neuromonitoring supervision "guideline" a trustworthy guideline? A commentary. *J Clin Monit Comput*. 2019 Feb 16. doi: 10.1007/s10877-019-00266-3. [Epub ahead of print] PubMed PMID: 30778916.

23: Kang S, Kim EH, Hwang JE, Shin JH, Jeong YS, Yim SY, Joo EW, Eun YG, Lee DJ, Sohn BH, Lee SH, Lim B, Lee JS. Prognostic significance of high metabolic activity in breast cancer: PET signature in breast cancer. *Biochem Biophys Res Commun*. 2019 Mar 26;511(1):185-191. doi: 10.1016/j.bbrc.2019.02.035. Epub 2019 Feb 15. PubMed PMID: 30777332.

24: Minata M, Audia A, Shi J, Lu S, Bernstock J, Pavlyukov MS, Das A, Kim SH, Shin YJ, Lee Y, Koo H, Snigdha K, Waghmare I, Guo X, Mohyeldin A, Gallego-Perez D, Wang J, Chen D, Cheng P, Mukheef F, Contreras M, Reyes JF, Vaillant B, Sulman EP, Cheng SY, Markert JM, Tannous BA, Lu X, Kango-Singh M, Lee LJ, Nam DH, Nakano I, Bhat KP. Phenotypic Plasticity of Invasive Edge Glioma Stem-like Cells in Response to Ionizing Radiation. *Cell Rep*. 2019 Feb 12;26(7):1893-1905.e7. doi: 10.1016/j.celrep.2019.01.076. PubMed PMID: 30759398.

25: Moon BJ, Yi S, Ha Y, Kim KN, Yoon DH, Shin DA. Clinical Efficacy and Safety of Trans-Sacral Epiduroscopic Laser Decompression Compared to Percutaneous Epidural Neuroplasty. *Pain Res Manag*. 2019 Jan 14;2019:2893460. doi: 10.1155/2019/2893460. eCollection 2019. PubMed PMID:

30755783; PubMed Central PMCID: PMC6348914.

26: Choi KC, Shim HK, Kim JS, Cha KH, Lee DC, Kim ER, Kim MJ, Park CK. Cost-effectiveness of microdiscectomy versus endoscopic discectomy for lumbar disc herniation. *Spine J.* 2019 Feb 10. pii: S1529-9430(19)30052-X. doi: 10.1016/j.spinee.2019.02.003. [Epub ahead of print] PubMed PMID: 30742976.

27: Lee MH, Kim J, Kim ST, Shin HM, You HJ, Choi JW, Seol HJ, Nam DH, Lee JI, Kong DS. Prediction of IDH1 Mutation Status in Glioblastoma Using Machine Learning Technique Based on Quantitative Radiomic Data. *World Neurosurg.* 2019 Feb 5. pii: S1878-8750(19)30257-8. doi: 10.1016/j.wneu.2019.01.157. [Epub ahead of print] PubMed PMID: 30735871.

28: Dong M, Zeng LN, Zhang Q, Ungvari GS, Ng CH, Chiu HFK, Si TM, Sim K, Avasthi A, Grover S, Chong MY, Chee KY, Kanba S, Lee MS, Yang SY, Udomratn P, Kallivayalil RA, Tanra AJ, Maramis MM, Shen WW, Sartorius N, Mahendran R, Tan CH, Shinfuku N, Xiang YT. Concurrent antipsychotic use in older adults treated with antidepressants in Asia. *Psychogeriatrics.* 2019 Feb 7. doi: 10.1111/psyg.12416. [Epub ahead of print] PubMed PMID: 30734411.

29: Lee HS, Moon J, Shin HR, Ahn SJ, Kim TJ, Jun JS, Lee ST, Jung KH, Park KI, Jung KY, Kim M, Lee SK, Chu K. Pneumonia in hospitalized neurologic patients: trends in pathogen distribution and antibiotic susceptibility. *Antimicrob Resist Infect Control.* 2019 Feb 1;8:25. doi: 10.1186/s13756-019-0475-9. eCollection 2019. PubMed PMID: 30733859; PubMed Central PMCID: PMC6359823.

30: Joshi HP, Kim SB, Kim S, Kumar H, Jo MJ, Choi H, Kim J, Kyung JW, Sohn S, Kim KT, Kim JK, Han IB. Correction to: Nanocarrier-Mediated Delivery of CORM-2 Enhances Anti-Allodynic and Anti-Hyperalgesic Effects of CORM-2. *Mol Neurobiol.* 2019 Feb 7. doi: 10.1007/s12035-019-1520-7. [Epub ahead of print] PubMed PMID: 30729425.

31: Davies AJ, Kim HW, Gonzalez-Cano R, Choi J, Back SK, Roh SE, Johnson E, Gabriac M, Kim MS, Lee J, Lee JE, Kim YS, Bae YC, Kim SJ, Lee KM, Na HS, Riva P, Latremoliere A, Rinaldi S, Ugolini S, Costigan M, Oh SB. Natural Killer Cells Degenerate Intact Sensory Afferents following Nerve Injury. *Cell.* 2019 Feb 7;176(4):716-728.e18. doi: 10.1016/j.cell.2018.12.022. Epub 2019 Jan 31. PubMed PMID: 30712871.

32: Na K, Kim HS, Shim HS, Chang JH, Kang SG, Kim SH. Targeted next-generation sequencing panel (TruSight Tumor 170) in diffuse glioma: a single institutional experience of 135 cases. *J Neurooncol.* 2019 Feb 1. doi: 10.1007/s11060-019-03114-1. [Epub ahead of print] PubMed PMID: 30710203.

33: Yakushiji Y, Wilson D, Ambler G, Charidimou A, Beiser A, van Buchem MA, DeCarli C, Ding D, Gudnason V, Hara H, Imaizumi T, Kohara K, Kwon HM, Launer LJ, Mok V, Phan T, Preis SR, Romero JR, Seshadri S, Srikanth V, Takashima Y, Tsushima Y, Wang Z, Wolf PA, Xiong Y, Yamaguchi S, Werring DJ. Distribution of cerebral microbleeds in the East and West: Individual participant meta-analysis. *Neurology.* 2019 Mar 5;92(10):e1086-e1097. doi: 10.1212/WNL.0000000000007039. Epub 2019 Feb 1. PubMed PMID: 30709966.

34: Malhotra K, Safouris A, Goyal N, Arthur A, Liebeskind DS, Katsanos AH, Sargento-Freitas J, Ribo M, Molina C, Chung JW, Bang OY, Magoufis G, Cheema A, Shook SJ, Uchino K, Alexandrov AV, Tsiogoulis G. Association of statin pretreatment with collateral circulation and final infarct volume in acute ischemic stroke patients: A meta-analysis. *Atherosclerosis.* 2019 Mar;282:75-79. doi: 10.1016/j.atherosclerosis.2019.01.006. Epub 2019 Jan 22. PubMed PMID: 30708178.

35: Hong SP, Song S, Lee S, Jo H, Kim HK, Han J, Park JH, Cho SW. Regenerative potential of mouse

- embryonic stem cell-derived PDGFR α (+) cardiac lineage committed cells in infarcted myocardium. *World J Stem Cells*. 2019 Jan 26;11(1):44-54. doi: 10.4252/wjsc.v11.i1.44. PubMed PMID: 30705714; PubMed Central PMCID: PMC6354102.
- 36: Kim KH, Ha EJ, Cho WS, Kang HS, Kim JE. Side-to-Side Bypass between Bilateral Distal Anterior Cerebral Arteries and Surgical Trapping of a Pseudoaneurysm from the Anterior Communicating Artery: Lessons Learnt. *NMC Case Rep J*. 2018 Dec 18;6(1):5-9. doi: 10.2176/nmccrj.cr.2018-0142. eCollection 2019 Jan. PubMed PMID: 30701148; PubMed Central PMCID: PMC6350030.
- 37: Kim JW, Wang KC, Chong S, Kim SK, Lee JY. Limited Dorsal Myeloschisis: Reconsideration of its Embryological Origin. *Neurosurgery*. 2019 Jan 23. doi: 10.1093/neuros/nyy632. [Epub ahead of print] PubMed PMID: 30690520.
- 38: Kim Y, Lee D, Lee J, Lee S, Lawler S. Role of tumor-associated neutrophils in regulation of tumor growth in lung cancer development: A mathematical model. *PLoS One*. 2019 Jan 28;14(1):e0211041. doi: 10.1371/journal.pone.0211041. eCollection 2019. PubMed PMID: 30689655; PubMed Central PMCID: PMC6349324.
- 39: Kim SM, Paek SH, Lee JH. Infratemporal fossa approach: the modified zygomatico-transmandibular approach. *Maxillofac Plast Reconstr Surg*. 2019 Jan 11;41(1):3. doi: 10.1186/s40902-018-0185-x. eCollection 2019 Dec. Review. PubMed PMID: 30687683; PubMed Central PMCID: PMC6331346.
- 40: Kim T, Kwon OK, Ban SP, Kim YD, Won YD. A Phantom Menace to Medical Personnel During Endovascular Treatment of Cerebral Aneurysms: Real-Time Measurement of Radiation Exposure During Procedures. *World Neurosurg*. 2019 Jan 24. pii: S1878-8750(19)30160-3. doi: 10.1016/j.wneu.2019.01.063. [Epub ahead of print] PubMed PMID: 30685367.
- 41: Park HK, Hong JH, Oh YT, Kim SS, Yin J, Lee AJ, Chae YC, Kim JH, Park SH, Park CK, Park MJ, Park JB, Kang BH. Interplay between TRAP1 and sirtuin-3 modulates mitochondrial respiration and oxidative stress to maintain stemness of glioma stem cells. *Cancer Res*. 2019 Jan 25. pii: canres.2558.2018. doi: 10.1158/0008-5472.CAN-18-2558. [Epub ahead of print] PubMed PMID: 30683653.
- 42: Lim JA, Lee ST, Moon J, Jun JS, Kim TJ, Shin YW, Abdullah S, Byun JI, Sunwoo JS, Kim KT, Yang TW, Lee WJ, Moon HJ, Kim DW, Lim BC, Cho YW, Yang TH, Kim HJ, Kim YS, Koo YS, Park B, Jung KH, Kim M, Park KI, Jung KY, Chu K, Lee SK. Development of the clinical assessment scale in autoimmune encephalitis. *Ann Neurol*. 2019 Mar;85(3):352-358. doi: 10.1002/ana.25421. Epub 2019 Feb 10. PubMed PMID: 30675918.
- 43: Seo KS, Suh M, Hong S, Cheon GJ, Lee SU, Jung GP. The New Possibility of Lymphoscintigraphy to Guide a Clinical Treatment for Lymphedema in Patient With Breast Cancer. *Clin Nucl Med*. 2019 Mar;44(3):179-185. doi: 10.1097/RLU.0000000000002443. PubMed PMID: 30672753.
- 44: Choi SA, Chong S, Kwak PA, Moon YJ, Jangra A, Phi JH, Lee JY, Park SH, Kim SK. Impaired functional recovery of endothelial colony-forming cells from moyamoya disease in a chronic cerebral hypoperfusion rat model. *J Neurosurg Pediatr*. 2018 Nov 1:1-10. doi: 10.3171/2018.8.PEDS1883. [Epub ahead of print] PubMed PMID: 30668528.
- 45: Choi HH, Cho YD, Yoo DH, Lee SH, Yeon EK, Kang HS, Cho WS, Kim JE, Han MH. Comparative analysis of coil embolization in posterior and anterior communicating artery aneurysms. *J Neurointerv Surg*. 2019 Jan 17. pii: neurintsurg-2018-014490. doi: 10.1136/neurintsurg-2018-014490. [Epub ahead of print] PubMed PMID: 30655359.
- 46: Kim KW, Park K, Park HJ, Jahng GH, Jo DJ, Cho JH, Song EM, Shin WC, Yoon YJ, Kim SJ, Eun S, Song

MY. Effect and neurophysiological mechanism of acupuncture in patients with chronic sciatica: protocol for a randomized, patient-assessor blind, sham-controlled clinical trial. *Trials*. 2019 Jan 16;20(1):56. doi: 10.1186/s13063-018-3164-8. PubMed PMID: 30651139; PubMed Central PMCID: PMC6335765.

47: Jeong W, Lee H, Kim JS, Chung CK. Characterization of brain network supporting episodic memory in the absence of one medial temporal lobe. *Hum Brain Mapp*. 2019 Jan 15. doi: 10.1002/hbm.24516. [Epub ahead of print] PubMed PMID: 30648325.

48: Chang JY, Jeon SB, Lee JH, Kwon OK, Han MK. The Relationship between Blood Pressure Variability, Recanalization Degree, and Clinical Outcome in Large Vessel Occlusive Stroke after an Intra-Arterial Thrombectomy. *Cerebrovasc Dis*. 2018;46(5-6):279-286. doi: 10.1159/000495300. Epub 2019 Jan 15. PubMed PMID: 30646002.

49: Kim R, Kim HJ, Shin C, Park H, Kim A, Paek SH, Jeon B. Long-term effect of subthalamic nucleus deep brain stimulation on freezing of gait in Parkinson's disease. *J Neurosurg*. 2019 Jan 11:1-8. doi: 10.3171/2018.8.JNS18350. [Epub ahead of print] PubMed PMID: 30641837.

50: Joshi HP, Kim SB, Kim S, Kumar H, Jo MJ, Choi H, Kim J, Kyung JW, Sohn S, Kim KT, Kim JK, Han IB. Nanocarrier-mediated Delivery of CORM-2 Enhances Anti-allodynic and Anti-hyperalgesic Effects of CORM-2. *Mol Neurobiol*. 2019 Jan 12. doi: 10.1007/s12035-019-1468-7. [Epub ahead of print] Erratum in: *Mol Neurobiol*. 2019 Feb 7;:. PubMed PMID: 30637664.

51: Lee JY, Lim NG, Chung CK, Lee JY, Kim HJ, Park SB. Parkinson's Disease as Risk Factor in Osteoporosis and Osteoporotic Vertebral Fracture : Prevalence Study Using National Inpatient Sample Database in Korea. *J Korean Neurosurg Soc*. 2019 Jan;62(1):71-82. doi: 10.3340/jkns.2018.0012. Epub 2018 Dec 31. PubMed PMID: 30630295; PubMed Central PMCID: PMC6328797.

52: Lee SH, Jang MU, Kang J, Kim YJ, Kim C, Sohn JH, Yang J, Jeon JP, Cho Y, Choi HJ. Impact of Reducing the Procedure Time on Thromboembolism After Coil Embolization of Cerebral Aneurysms. *Front Neurol*. 2018 Dec 18;9:1125. doi: 10.3389/fneur.2018.01125. eCollection 2018. PubMed PMID: 30619075; PubMed Central PMCID: PMC6305340.

53: Choi SA, Kim SY, Kim WJ, Shim YK, Kim H, Hwang H, Choi JE, Lim BC, Chae JH, Chong S, Lee JY, Phi JH, Kim SK, Wang KC, Kim KJ. Antiepileptic Drug Withdrawal after Surgery in Children with Focal Cortical Dysplasia: Seizure Recurrence and Its Predictors. *J Clin Neurol*. 2019 Jan;15(1):84-89. doi: 10.3988/jcn.2019.15.1.84. PubMed PMID: 30618221; PubMed Central PMCID: PMC6325372.

54: Kim KH, Chong S, Lee JY, Kim K, Kim SK, Wang KC. Decreased MEPs during subcutaneous dissection for untethering surgery of a "true" lipomyelomeningocele: aggravated traction of the spinal cord by release of the sac from the original nest. *Childs Nerv Syst*. 2019 Mar;35(3):529-533. doi: 10.1007/s00381-019-04049-8. Epub 2019 Jan 8. PubMed PMID: 30617616.

55: Kim R, Keam B, Kim S, Kim M, Kim SH, Kim JW, Kim YJ, Kim TM, Jeon YK, Kim DW, Chung DH, Lee JS, Heo DS. Differences in tumor microenvironments between primary lung tumors and brain metastases in lung cancer patients: therapeutic implications for immune checkpoint inhibitors. *BMC Cancer*. 2019 Jan 7;19(1):19. doi: 10.1186/s12885-018-5214-8. PubMed PMID: 30616523; PubMed Central PMCID: PMC6322302.

56: Kim KH, Chong S, Lee JY, Kim SK, Cho BK, Wang KC. A method of untethering by skipping the area of positive responses on electrical stimulation during surgery of lumbosacral lipomatous malformation: 'hopping on a stepping stone'. *World Neurosurg*. 2019 Jan 4. pii:

S1878-8750(18)32960-7. doi: 10.1016/j.wneu.2018.12.137. [Epub ahead of print] PubMed PMID: 30615990.

57: Kim YJ, Lee DJ, Park CK, Kim IA. Optimal extent of resection for glioblastoma according to site, extension, and size: a population-based study in the temozolomide era. *Neurosurg Rev.* 2019 Jan 5. doi: 10.1007/s10143-018-01071-3. [Epub ahead of print] PubMed PMID: 30612289.

58: Skinner SA, Aydinlar EI, Borges LF, Carter BS, Currier BL, Deletis V, Dong C, Dormans JP, Drost G, Fernandez-Conejero I, Hoffman EM, Holdefer RN, Kimaid PAT, Koht A, Kothbauer KF, MacDonald DB, McAuliffe JJ 3rd, Morledge DE, Morris SH, Norton J, Novak K, Park KS, Perra JH, Prell J, Rippe DM, Sala F, Schwartz DM, Segura MJ, Seidel K, Seubert C, Simon MV, Soto F, Strommen JA, Szelenyi A, Tello A, Ulkatan S, Urriza J, Wilkinson M. Is the new ASNM intraoperative neuromonitoring supervision "guideline" a trustworthy guideline? A commentary. *J Clin Monit Comput.* 2019 Jan 5. doi: 10.1007/s10877-018-00242-3. [Epub ahead of print] Erratum in: *J Clin Monit Comput.* 2019 Feb 16;:. PubMed PMID: 30612285.

59: Young SM, Kim KH, Kim YD, Lang SS, Park JW, Woo KI, Lee JI. Orbital apex venous cavernous malformation with optic neuropathy: treatment with multisection gamma knife radiosurgery. *Br J Ophthalmol.* 2019 Jan 5. pii: bjophthalmol-2018-312893. doi: 10.1136/bjophthalmol-2018-312893. [Epub ahead of print] PubMed PMID: 30612095.

60: Han S, Hyun SJ, Kim KJ, Jahng TA, Jeon SI, Wui SH, Lee JY, Lee S, Rhim SC, Chung S, Jang J, Lee BH. Effect of Vertebroplasty at the Upper Instrumented Vertebra and Upper Instrumented Vertebra +1 for Prevention of Proximal Junctional Failure in Adult Spinal Deformity Surgery: A Comparative Matched-Cohort Study. *World Neurosurg.* 2019 Jan 3. pii: S1878-8750(18)32936-X. doi: 10.1016/j.wneu.2018.12.113. [Epub ahead of print] PubMed PMID: 30610979.

61: Moon BJ, Kim D, Shin DA, Yi S, Kim KN, Yoon DH, Ha Y. Patterns of short-term and long-term surgical outcomes and prognostic factors for cervical ossification of the posterior longitudinal ligament between anterior cervical corpectomy and fusion and posterior laminoplasty. *Neurosurg Rev.* 2019 Jan 4. doi: 10.1007/s10143-018-01069-x. [Epub ahead of print] PubMed PMID: 30610499.

62: Kim KH, Lee JY, Phi JH, Cho BK, Shin MS, Kim SK. Neurocognitive profile in children with arachnoid cysts before and after surgical intervention. *Childs Nerv Syst.* 2019 Mar;35(3):517-522. doi: 10.1007/s00381-018-4026-0. Epub 2019 Jan 4. PubMed PMID: 30610479.

63: Kim E, Kim M, Hwang SU, Kim J, Lee G, Park YS, Hyun SH. Neural induction of porcine-induced pluripotent stem cells and further differentiation using glioblastoma-cultured medium. *J Cell Mol Med.* 2019 Mar;23(3):2052-2063. doi: 10.1111/jcmm.14111. Epub 2019 Jan 4. PubMed PMID: 30609263; PubMed Central PMCID: PMC6378232.

64: Jung Koh E, Kim SK, Park SH, Yeoun Lee J, Wang KC, Hoon Phi J. Two Male Infants each with a Cerebellar Mass. *Brain Pathol.* 2019 Jan;29(1):143-144. doi: 10.1111/bpa.12683. PubMed PMID: 30600595.

65: Kim T, Heo J, Jang DK, Sunwoo L, Kim J, Lee KJ, Kang SH, Park SJ, Kwon OK, Oh CW. Machine learning for detecting moyamoya disease in plain skull radiography using a convolutional neural network. *EBioMedicine.* 2019 Feb;40:636-642. doi: 10.1016/j.ebiom.2018.12.043. Epub 2018 Dec 29. PubMed PMID: 30598372.

66: Jeon W, Jang BS, Jeon SH, Kim JH, Kim YJ, Kim SH, Kim CY, Han JH, Kim IA. Analysis of survival outcomes based on molecular subtypes in breast cancer brain metastases: A single institutional cohort. *Breast J.* 2018 Nov;24(6):920-926. doi: 10.1111/tbj.13111. Epub 2018 Sep 14. PubMed PMID:

30596408.

67: Hwang DW, Choi Y, Kim D, Park HY, Kim KW, Kim MY, Park CK, Lee DS. Graphene oxide-quenching-based fluorescence in situ hybridization (G-FISH) to detect RNA in tissue: Simple and fast tissue RNA diagnostics. *Nanomedicine*. 2019 Feb;16:162-172. doi: 10.1016/j.nano.2018.12.004. Epub 2018 Dec 27. PubMed PMID: 30594658.

68: Sim NS, Seo Y, Lim JS, Kim WK, Son H, Kim HD, Kim S, An HJ, Kang HC, Kim SH, Kim DS, Lee JH. Brain somatic mutations in SLC35A2 cause intractable epilepsy with aberrant N-glycosylation. *Neurol Genet*. 2018 Dec 5;4(6):e294. doi: 10.1212/NXG.0000000000000294. eCollection 2018 Dec. PubMed PMID: 30584598; PubMed Central PMCID: PMC6283456.

69: Park SB, Chung CK, Gonzalez E, Yoo C. Causal Inference Network of Genes Related with Bone Metastasis of Breast Cancer and Osteoblasts Using Causal Bayesian Networks. *J Bone Metab*. 2018 Nov;25(4):251-266. doi: 10.11005/jbm.2018.25.4.251. Epub 2018 Nov 30. PubMed PMID: 30574470; PubMed Central PMCID: PMC6288606.

70: Chong K, Kwon WK, Kim JH, Park YK, Yoon W, Kim JH, Kwon TH, Moon HJ. Inflammation by activated macrophage-like THP-1 cells increases human dura mater cell adhesion with alteration of integrin $\alpha(2)$ $\beta(1)$ and matrix metalloproteinase. *J Orthop Res*. 2018 Dec 18. doi: 10.1002/jor.24207. [Epub ahead of print] PubMed PMID: 30561137.

71: Kang MK, Cho YD, Kang HS, Jung KH. Development of a dural arteriovenous fistula subsequent to cerebral venous thrombosis by venous hypertension. *eNeurologicalSci*. 2018 Nov 22;14:24-27. doi: 10.1016/j.ensci.2018.11.015. eCollection 2019 Mar. PubMed PMID: 30555948; PubMed Central PMCID: PMC6275228.

72: Choi E, Kim SI, Won JK, Chung CK, Kim SK, Choi SH, Choi S, Han B, Ahn B, Sun-Wha IM, Park SH. Clinicopathological and molecular analysis of multinodular and vacuolating neuronal tumors of the cerebrum. *Hum Pathol*. 2018 Dec 11. pii: S0046-8177(18)30483-0. doi: 10.1016/j.humpath.2018.11.028. [Epub ahead of print] PubMed PMID: 30550736.

73: Cho SB, Baek HJ, Ryu KH, Choi BH, Moon JI, Kim TB, Kim SK, Park H, Hwang MJ. Clinical Feasibility of Zero TE Skull MRI in Patients with Head Trauma in Comparison with CT: A Single-Center Study. *AJNR Am J Neuroradiol*. 2019 Jan;40(1):109-115. doi: 10.3174/ajnr.A5916. Epub 2018 Dec 13. PubMed PMID: 30545839.

74: D'Angelo F, Ceccarelli M, Tala, Garofano L, Zhang J, Frattini V, Caruso FP, Lewis G, Alfaro KD, Bauchet L, Berzero G, Cachia D, Cangiano M, Capelle L, de Groot J, DiMeco F, Ducray F, Farah W, Finocchiario G, Goutagny S, Kamiya-Matsuoka C, Lavarino C, Loiseau H, Lorgis V, Marras CE, McCutcheon I, Nam DH, Ronchi S, Saletti V, Seizeur R, Slopis J, Suñol M, Vandenbos F, Varlet P, Vidaud D, Watts C, Tabar V, Reuss DE, Kim SK, Meyronet D, Mokhtari K, Salvador H, Bhat KP, Eoli M, Sanson M, Lasorella A, Iavarone A. The molecular landscape of glioma in patients with Neurofibromatosis 1. *Nat Med*. 2019 Jan;25(1):176-187. doi: 10.1038/s41591-018-0263-8. Epub 2018 Dec 10. PubMed PMID: 30531922.

75: Choi D, Pavlou M, Omar R, Arts M, Balabaud L, Buchowski JM, Bunger C, Chung CK, Coppes MH, Depreitere B, Fehlings MG, Kawahara N, Lee CS, Leung Y, Martin-Benlloch JA, Massicotte EM, Mazel C, Meyer B, Oner FC, Peul W, Quraishi N, Tokuhashi Y, Tomita K, Ulbricht C, Verlaan JJ, Wang M, Crookard HA. A novel risk calculator to predict outcome after surgery for symptomatic spinal metastases; use of a large prospective patient database to personalise surgical management. *Eur J Cancer*. 2019 Jan;107:28-36. doi: 10.1016/j.ejca.2018.11.011. Epub 2018 Dec 7. PubMed PMID: 30529900.

76: Abbas M, de Kraker MEA, Aghayev E, Astagneau P, Aupee M, Behnke M, Bull A, Choi HJ, de Greeff SC, Elgohari S, Gastmeier P, Harrison W, Koek MBG, Lamagni T, Limon E, Løwer HL, Lyytikäinen O, Marimuthu K, Marquess J, McCann R, Prantner I, Prestler E, Pujol M, Reilly J, Roberts C, Segagni Lusignani L, Si D, Szilágyi E, Tanguy J, Tempone S, Troillet N, Worth LJ, Pittet D, Harbarth S. Impact of participation in a surgical site infection surveillance network: results from a large international cohort study. *J Hosp Infect.* 2018 Dec 7. pii: S0195-6701(18)30680-7. doi: 10.1016/j.jhin.2018.12.003. [Epub ahead of print] PubMed PMID: 30529703.

77: Hwang K, Kim DG, Paek SH, Kim CY, Yun CH, Oh CW, Juh R, Han JH. Seizures After Stereotactic Radiosurgery for Benign Supratentorial Meningiomas: An Uncontrollable Type of Seizure? *World Neurosurg.* 2019 Mar;123:e549-e556. doi: 10.1016/j.wneu.2018.11.211. Epub 2018 Dec 5. PubMed PMID: 30528526.

78: Toms SA, Kim CY, Nicholas G, Ram Z. Increased compliance with tumor treating fields therapy is prognostic for improved survival in the treatment of glioblastoma: a subgroup analysis of the EF-14 phase III trial. *J Neurooncol.* 2019 Jan;141(2):467-473. doi: 10.1007/s11060-018-03057-z. Epub 2018 Dec 1. PubMed PMID: 30506499; PubMed Central PMCID: PMC6342854.

79: Jeon YJ, Kim T, Park D, Nuovo GJ, Rhee S, Joshi P, Lee BK, Jeong J, Suh SS, Grotzke JE, Kim SH, Song J, Sim H, Kim Y, Peng Y, Jeong Y, Garofalo M, Zanesi N, Kim J, Liang G, Nakano I, Cresswell P, Nana-Sinkam P, Cui R, Croce CM. miRNA-mediated TUSC3 deficiency enhances UPR and ERAD to promote metastatic potential of NSCLC. *Nat Commun.* 2018 Nov 30;9(1):5110. doi: 10.1038/s41467-018-07561-8. PubMed PMID: 30504895; PubMed Central PMCID: PMC6269493.

80: Park J, Yang NR, Lee YJ, Hong KS. A Single-Center Experience with an Intensivist-Led Brain-Dead Donor Management Program. *Ann Transplant.* 2018 Dec 4;23:828-835. doi: 10.12659/AOT.912025. PubMed PMID: 30510153; PubMed Central PMCID: PMC6289034.

81: Karm MH, Choi SS, Kim DH, Park JY, Lee S, Park JK, Suh YJ, Leem JG, Shin JW. Percutaneous Epidural Adhesiolysis Using Inflatable Balloon Catheter and Balloon-less Catheter in Central Lumbar Spinal Stenosis with Neurogenic Claudication: A Randomized Controlled Trial. *Pain Physician.* 2018 Nov;21(6):593-606. PubMed PMID: 30508987.

82: Ehm G, Kim HJ, Kim JY, Lee JY, Kim HJ, Yun JY, Kim YE, Yang HJ, Lim YH, Jeon B, Paek SH. Effect of unilateral subthalamic deep brain stimulation in highly asymmetrical Parkinson's disease: 7-year follow-up. *J Neurosurg.* 2018 Nov 1:1-6. doi: 10.3171/2018.5.JNS172006. [Epub ahead of print] PubMed PMID: 30497175.

83: Kang DH, Kim BM, Heo JH, Nam HS, Kim YD, Hwang YH, Kim YW, Kim YS, Kim DJ, Kwak HS, Roh HG, Lee YJ, Kim SH. Effect of balloon guide catheter utilization on contact aspiration thrombectomy. *J Neurosurg.* 2018 Nov 1:1-7. doi: 10.3171/2018.6.JNS181045. [Epub ahead of print] PubMed PMID: 30497154.

84: Lee WH, Park CK, Park HP, Kim SM, Oh BM, Kim K, Choi YD, Seo HG. Effect of Dexmedetomidine Combined Anesthesia on Motor evoked Potentials During Brain Tumor Surgery. *World Neurosurg.* 2019 Mar;123:e280-e287. doi: 10.1016/j.wneu.2018.11.152. Epub 2018 Nov 26. PubMed PMID: 30496923.

85: Choi HY, Hyun SJ, Kim KJ, Jahng TA, Kim HJ. Clinical Efficacy of Intra-Operative Cell Salvage System in Major Spinal Deformity Surgery. *J Korean Neurosurg Soc.* 2019 Jan;62(1):53-60. doi: 10.3340/jkns.2017.0287. Epub 2018 Nov 30. PubMed PMID: 30486624; PubMed Central PMCID: PMC6328795.

86: Jeong W, Lee H, Kim JS, Chung CK. Neural basis of episodic memory in the intermediate term after medial temporal lobe resection. *J Neurosurg.* 2018 Oct 1;1-9. doi: 10.3171/2018.5.JNS18199. [Epub ahead of print] PubMed PMID: 30485238.

87: Ko A, Kim SH, Kim SH, Park EK, Shim KW, Kang HC, Kim DS, Kim HD, Lee JS. Epilepsy Surgery for Children With Low-Grade Epilepsy-Associated Tumors: Factors Associated With Seizure Recurrence and Cognitive Function. *Pediatr Neurol.* 2019 Feb;91:50-56. doi: 10.1016/j.pediatrneurol.2018.10.008. Epub 2018 Oct 24. PubMed PMID: 30477743.

88: Lim JS, Lee MK, Choi E, Hong N, Il Jee S, Kim SH, Lee EJ. Hormonal aggressiveness according to the expression of cellular markers in corticotroph adenomas. *Endocrine.* 2018 Nov 24. doi: 10.1007/s12020-018-1815-x. [Epub ahead of print] PubMed PMID: 30474823.

89: Yang HJ, Oh SJ, Hong ST. Impacts of the Journal Evaluation Program of the Korean Association of Medical Journal Editors (KAMJE) on the Quality of the Member Journals. *J Korean Med Sci.* 2018 Nov 5;33(48):e305. doi: 10.3346/jkms.2018.33.e305. eCollection 2018 Nov 26. PubMed PMID: 30473649; PubMed Central PMCID: PMC6249166.

90: Park Y, Park HJ, Jang WI, Jeong BK, Kim HJ, Chang AR. Long-term results and PSA kinetics after robotic SBRT for prostate cancer: multicenter retrospective study in Korea (Korean radiation oncology group study 15-01). *Radiat Oncol.* 2018 Nov 23;13(1):230. doi: 10.1186/s13014-018-1182-z. PubMed PMID: 30470253; PubMed Central PMCID: PMC6251151.

91: Yoon HK, Lee HC, Kim YH, Lim YJ, Park HP. Predictive Factors for Delayed Hyponatremia After Endoscopic Transsphenoidal Surgery in Patients with Nonfunctioning Pituitary Tumors: A Retrospective Observational Study. *World Neurosurg.* 2019 Feb;122:e1457-e1464. doi: 10.1016/j.wneu.2018.11.085. Epub 2018 Nov 19. PubMed PMID: 30465961.

92: Seo Y, Kim JW, Dho YS, Chowdhury T, Kim S, Park CK. Evaluation of the safety and effectiveness of an alternative dural substitute using porcine pericardium for duraplasty in a large animal model. *J Clin Neurosci.* 2018 Dec;58:187-191. doi: 10.1016/j.jocn.2018.10.071. Epub 2018 Oct 24. PubMed PMID: 30454688.

93: Cha S, Wang KC, Park K, Shin HI, Lee JY, Chong S, Kim K. Predictive value of intraoperative bulbocavernosus reflex during untethering surgery for post-operative voiding function. *Clin Neurophysiol.* 2018 Dec;129(12):2594-2601. doi: 10.1016/j.clinph.2018.09.026. Epub 2018 Oct 30. PubMed PMID: 30448714.

94: Kong DS, Kim YH, Kim YH, Hur KY, Kim JH, Kim MS, Paek SH, Kwon DH, Kim DK, Lee JI. Long-Term Efficacy and Tolerability of Gamma Knife Radiosurgery for Growth Hormone-Secreting Adenoma: A Retrospective Multicenter Study (MERGE-001). *World Neurosurg.* 2019 Feb;122:e1291-e1299. doi: 10.1016/j.wneu.2018.11.038. Epub 2018 Nov 15. PubMed PMID: 30448582.

95: Chen CC, Cho YD, Yoo DH, Moon J, Lee J, Kang HS, Kim JE, Cho WS, Han MH. Endovascular management of multiple intracranial dural arteriovenous fistulas. *J Neuroradiol.* 2018 Nov 16. pii: S0150-9861(18)30282-7. doi: 10.1016/j.neurad.2018.10.010. [Epub ahead of print] PubMed PMID: 30448429.

96: Hwang K, Lee KS, Choe G, Cho BG, Kim CY. Secondary glioblastoma after treatment of intracranial germinoma - would radiation-only therapy still be safe? Case report. *BMC Cancer.* 2018 Nov 16;18(1):1119. doi: 10.1186/s12885-018-5073-3. PubMed PMID: 30445947; PubMed Central PMCID: PMC6240271.

- 97: Kim SY, Shin JE, Lee YI, Kim H, Jo HJ, Choi SH. Neural evidence for persistent attentional bias to threats in patients with social anxiety disorder. *Soc Cogn Affect Neurosci*. 2018 Dec 4;13(12):1327-1336. doi: 10.1093/scan/nsy101. PubMed PMID: 30445473; PubMed Central PMCID: PMC6277744.
- 98: Kwon HJ, Cho YD, Lim JW, Koh HS, Yoo DH, Kang HS, Han MH. Contralateral Approach to Coil Embolization of Proximal A1 Aneurysms Using the Anterior Communicating Artery. *AJNR Am J Neuroradiol*. 2018 Dec;39(12):2297-2300. doi: 10.3174/ajnr.A5875. Epub 2018 Nov 15. PubMed PMID: 30442700.
- 99: Choi D, Ricciardi F, Arts M, Buchowski JM, Bunger C, Chung CK, Coppes M, Depreitere B, Fehlings M, Kawahara N, Leung Y, Martin-Benlloch A, Massicotte E, Mazel C, Meyer B, Oner C, Peul W, Quraishi N, Tokuhashi Y, Tomita K, Ulbricht C, Verlaan JJ, Wang M, Crockard A. Prediction Accuracy of Common Prognostic Scoring Systems for Metastatic Spine Disease: Results of a Prospective International Multicentre Study of 1469 Patients. *Spine (Phila Pa 1976)*. 2018 Dec 1;43(23):1678-1684. doi: 10.1097/BRS.0000000000002576. PubMed PMID: 30422958.
- 100: Toyoda K, Koga M, Yamamoto H, Foster L, Palesch YY, Wang Y, Sakai N, Hara T, Hsu CY, Itabashi R, Sato S, Fukuda-Doi M, Steiner T, Yoon BW, Hanley DF, Qureshi AI; ATACH-2 Trial Investigators. Clinical Outcomes Depending on Acute Blood Pressure After Cerebral Hemorrhage. *Ann Neurol*. 2019 Jan;85(1):105-113. doi: 10.1002/ana.25379. Epub 2019 Jan 7. PubMed PMID: 30421455.
- 101: Yim J, Lee WS, Kim SK, Kang HJ, Bae J, Park SH. Intracranial Ewing sarcoma with whole genome study. *Childs Nerv Syst*. 2019 Mar;35(3):547-552. doi: 10.1007/s00381-018-3997-1. Epub 2018 Nov 7. PubMed PMID: 30406421.
- 102: Do HJ, Seo HG, Oh BM, Park CK, Kim JW, Choi YD, Lee SH. Limitation of Intraoperative Transcranial Electrical Stimulation-Motor Evoked Potential Monitoring During Brain Tumor Resection Adjacent to the Primary Motor Cortex. *Ann Rehabil Med*. 2018 Oct;42(5):767-772. doi: 10.5535/arm.2018.42.5.767. Epub 2018 Oct 31. PubMed PMID: 30404426; PubMed Central PMCID: PMC6246865.
- 103: Park SM, Kim HJ, Kim GU, Choi MH, Chang BS, Lee CK, Yeom JS. Learning Curve for Lumbar Decompressive Laminectomy in Biportal Endoscopic Spinal Surgery Using the Cumulative Summation Test for Learning Curve. *World Neurosurg*. 2019 Feb;122:e1007-e1013. doi: 10.1016/j.wneu.2018.10.197. Epub 2018 Nov 4. PubMed PMID: 30404053.
- 104: Lee JH, Chough CK. Risk Factors for Hinge Fracture Associated with Surgery Following Cervical Open-Door Laminoplasty. *Korean J Neurotrauma*. 2018 Oct;14(2):118-122. doi: 10.13004/kjnt.2018.14.2.118. Epub 2018 Oct 31. PubMed PMID: 30402429; PubMed Central PMCID: PMC6218341.
- 105: Yoo DY, Cho SB, Jung HY, Kim W, Lee KY, Kim JW, Moon SM, Won MH, Choi JH, Yoon YS, Kim DW, Choi SY, Hwang IK. Protein disulfide-isomerase A3 significantly reduces ischemia-induced damage by reducing oxidative and endoplasmic reticulum stress. *Neurochem Int*. 2019 Jan;122:19-30. doi: 10.1016/j.neuint.2018.11.002. Epub 2018 Nov 3. PubMed PMID: 30399388.
- 106: Hwang YH, Kwon YS, Lee YH. STA-Distal ACA Bypass Using a Contralateral STA Interposition Graft for Symptomatic ACA Stenosis. *J Cerebrovasc Endovasc Neurosurg*. 2018 Sep;20(3):191-197. doi: 10.7461/jcen.2018.20.3.191. Epub 2018 Sep 30. PubMed PMID: 30397592; PubMed Central PMCID: PMC6199401.
- 107: Jeon HJ, Park JH, Lee JY, Jeon HJ, Park SW, Cho BM. Endovascular Coiling for a Wide-neck

Bifurcated Aneurysm with Anterograde Horizontal Stenting via Microcatheter Looping: A Technical Case Report. *J Cerebrovasc Endovasc Neurosurg*. 2018 Sep;20(3):181-186. doi: 10.7461/jcen.2018.20.3.181. Epub 2018 Sep 30. PubMed PMID: 30397590; PubMed Central PMCID: PMC6199400.

108: Kim HS, Phi JH, Kim JE, Lee JY, Kim SK, Wang KC, Cho WS. Cavernous Malformations at Optic Apparatus: Three Cases. *J Cerebrovasc Endovasc Neurosurg*. 2018 Sep;20(3):176-180. doi: 10.7461/jcen.2018.20.3.176. Epub 2018 Sep 30. PubMed PMID: 30397589; PubMed Central PMCID: PMC6199398.

109: Lee BH, Hyun SJ, Han S, Jeon SI, Kim KJ, Jahng TA, Kim HJ. Total Deformity Angular Ratio as a Risk Factor for Complications after Posterior Vertebral Column Resection Surgery. *J Korean Neurosurg Soc*. 2018 Nov;61(6):723-730. doi: 10.3340/jkns.2018.0125. Epub 2018 Oct 30. PubMed PMID: 30396245; PubMed Central PMCID: PMC6280056.

110: Hyun SJ, Jung JM. Spinal Deformity Surgery : It Becomes an Essential Part of Neurosurgery. *J Korean Neurosurg Soc*. 2018 Nov;61(6):661-668. doi: 10.3340/jkns.2018.0150. Epub 2018 Oct 30. PubMed PMID: 30396240; PubMed Central PMCID: PMC6280055.

111: Cho YS, Ryu HJ, Kim SH, Kang SG. Pheochromocytoma with Brain Metastasis: A Extremely Rare Case in Worldwide. *Brain Tumor Res Treat*. 2018 Oct;6(2):101-104. doi: 10.14791/btrt.2018.6.e18. PubMed PMID: 30381926; PubMed Central PMCID: PMC6212688.

112: Kim JH, Phi JH, Lee JY, Kim KH, Park SH, Choi YH, Cho BK, Kim SK. Surgical Outcomes of Thalamic Tumors in Children: The Importance of Diffusion Tensor Imaging, Neuro-Navigation and Intraoperative Neurophysiological Monitoring. *Brain Tumor Res Treat*. 2018 Oct;6(2):60-67. doi: 10.14791/btrt.2018.6.e14. PubMed PMID: 30381918; PubMed Central PMCID: PMC6212692.

113: Kim KM, Zamaleeva AI, Lee YW, Ahmed MR, Kim E, Lee HR, Pothineni VR, Tao J, Rhee S, Jayakumar M, Inayathullah M, Sivanesan S, Red-Horse K, Palmer TD, Park J, Madison DV, Lee HY, Rajadas J. Characterization of Brain Dysfunction Induced by Bacterial Lipopeptides That Alter Neuronal Activity and Network in Rodent Brains. *J Neurosci*. 2018 Dec 12;38(50):10672-10691. doi: 10.1523/JNEUROSCI.0825-17.2018. Epub 2018 Oct 31. PubMed PMID: 30381406.

114: Cho HR, Jeon H, Park CK, Park SH, Choi SH. Radiogenomics Profiling for Glioblastoma-related Immune Cells Reveals CD49d Expression Correlation with MRI parameters and Prognosis. *Sci Rep*. 2018 Oct 30;8(1):16022. doi: 10.1038/s41598-018-34242-9. PubMed PMID: 30375429; PubMed Central PMCID: PMC6207678.

115: Yu R, Park HJ, Cho H, Ko A, Pae C, Oh MK, Kang HC, Kim HD, Park EK, Shim KW, Kim DS, Lee JS. Interregional metabolic connectivity of 2-deoxy-2[(18) F]fluoro-D-glucose positron emission tomography in vagus nerve stimulation for pediatric patients with epilepsy: A retrospective cross-sectional study. *Epilepsia*. 2018 Dec;59(12):2249-2259. doi: 10.1111/epi.14590. Epub 2018 Oct 28. PubMed PMID: 30370541.

116: Choi SA, Lee C, Kwak PA, Park CK, Wang KC, Phi JH, Lee JY, Chong S, Kim SK. Histone deacetylase inhibitor panobinostat potentiates the anti-cancer effects of mesenchymal stem cell-based sTRAIL gene therapy against malignant glioma. *Cancer Lett*. 2019 Feb 1;442:161-169. doi: 10.1016/j.canlet.2018.10.012. Epub 2018 Oct 24. PubMed PMID: 30367915.

117: Park SB, Chung CK, Lee JY, Lee JY, Kim J. Risk Factors for Vertebral, Hip, and Femoral Fractures Among Patients With Parkinson's Disease: A 5-Year Follow-up in Korea. *J Am Med Dir Assoc*. 2018 Oct

23. pii: S1525-8610(18)30470-5. doi: 10.1016/j.jamda.2018.08.014. [Epub ahead of print] PubMed PMID: 30366761.
- 118: Baek JH, Kim BM, Heo JH, Nam HS, Kim YD, Park H, Bang OY, Yoo J, Kim DJ, Jeon P, Baik SK, Suh SH, Lee KY, Kwak HS, Roh HG, Lee YJ, Kim SH, Ryu CW, Ihn YK, Kim B, Jeon HJ, Kim JW, Byun JS, Suh S, Park JJ, Lee WJ, Roh J, Shin BS. Number of Stent Retriever Passes Associated With Futile Recanalization in Acute Stroke. *Stroke*. 2018 Sep;49(9):2088-2095. doi: 10.1161/STROKEAHA.118.021320. PubMed PMID: 30354993.
- 119: Byun YH, Ha EJ, Ko SB, Kim KH. Decompressive craniectomy for herpes simplex encephalitis complicated by frank intracerebral hemorrhage: a case report and review of the literature. *BMC Neurol*. 2018 Oct 23;18(1):176. doi: 10.1186/s12883-018-1181-6. Review. PubMed PMID: 30352560; PubMed Central PMCID: PMC6198426.
- 120: Baek JW, Huh CW, Heo YJ, Yoo MW, Kwon SC, Kwon OK, Jeong HW, Kim ST, Jin SC. Endovascular coiling of proximal middle cerebral artery aneurysms: is it safe and durable? *Acta Neurochir (Wien)*. 2018 Dec;160(12):2411-2418. doi: 10.1007/s00701-018-3707-5. Epub 2018 Oct 23. PubMed PMID: 30350184.
- 121: Sunwoo JS, Jeon D, Lee ST, Moon J, Yu JS, Park DK, Bae JY, Lee DY, Kim S, Jung KH, Park KI, Jung KY, Kim M, Lee SK, Chu K. Maternal immune activation alters brain microRNA expression in mouse offspring. *Ann Clin Transl Neurol*. 2018 Sep 19;5(10):1264-1276. doi: 10.1002/acn3.652. eCollection 2018 Oct. PubMed PMID: 30349861; PubMed Central PMCID: PMC6186947.
- 122: Hu H, Mu Q, Bao Z, Chen Y, Liu Y, Chen J, Wang K, Wang Z, Nam Y, Jiang B, Sa JK, Cho HJ, Her NG, Zhang C, Zhao Z, Zhang Y, Zeng F, Wu F, Kang X, Liu Y, Qian Z, Wang Z, Huang R, Wang Q, Zhang W, Qiu X, Li W, Nam DH, Fan X, Wang J, Jiang T. Mutational Landscape of Secondary Glioblastoma Guides MET-Targeted Trial in Brain Tumor. *Cell*. 2018 Nov 29;175(6):1665-1678.e18. doi: 10.1016/j.cell.2018.09.038. Epub 2018 Oct 18. PubMed PMID: 30343896.
- 123: Kim HY, Kim DK, Bae SH, Gwak H, Jeon JH, Kim JK, Lee BI, You HJ, Shin DH, Kim YH, Kim SY, Han SS, Shim JK, Lee JH, Kang SG, Jang H. Farnesyl diphosphate synthase is important for the maintenance of glioblastoma stemness. *Exp Mol Med*. 2018 Oct 17;50(10):137. doi: 10.1038/s12276-018-0166-2. PubMed PMID: 30333528; PubMed Central PMCID: PMC6193020.
- 124: Kim DH, Kim Y, Park JS, Kim SW. Virtual Reality Simulators for Endoscopic Sinus and Skull Base Surgery: The Present and Future. *Clin Exp Otorhinolaryngol*. 2019 Feb;12(1):12-17. doi: 10.21053/ceo.2018.00906. Epub 2018 Oct 18. PubMed PMID: 30326700; PubMed Central PMCID: PMC6315210.
- 125: Sung HY, Lee JY, Park AK, Moon YJ, Jo I, Park EM, Wang KC, Phi JH, Ahn JH, Kim SK. Aberrant Promoter Hypomethylation of Sortilin 1: A Moyamoya Disease Biomarker. *J Stroke*. 2018 Sep;20(3):350-361. doi: 10.5853/jos.2018.00962. Epub 2018 Sep 30. PubMed PMID: 30309230; PubMed Central PMCID: PMC6186926.
- 126: Lee JY, Kim JM, Kim SH, Kim IT, Kim HT, Chung PW, Bae JH, Won YS, Lee MY, Park KH; Epidemiologic Survey Committee of the Korean Ophthalmological Society. Associations Among Pregnancy, Parturition, and Open-angle Glaucoma: Korea National Health and Nutrition Examination Survey 2010 to 2011. *J Glaucoma*. 2019 Jan;28(1):14-19. doi: 10.1097/IJG.0000000000001101. PubMed PMID: 30300305.
- 127: Choi HH, Cho YD, Yoo DH, Yeon EK, Lee J, Lee SH, Kang HS, Cho WS, Kim JE, Han MH. Selective compromise of hypoplastic posterior communicating artery variants with aneurysms treatable by coil

embolization: clinical and radiologic outcomes. *J Neurointerv Surg*. 2018 Oct 5. pii: neurintsurg-2018-014233. doi: 10.1136/neurintsurg-2018-014233. [Epub ahead of print] PubMed PMID: 30291208.

128: Kim Y, Kang H, Powathil G, Kim H, Trucu D, Lee W, Lawler S, Chaplain M. Role of extracellular matrix and microenvironment in regulation of tumor growth and LAR-mediated invasion in glioblastoma. *PLoS One*. 2018 Oct 4;13(10):e0204865. doi: 10.1371/journal.pone.0204865. eCollection 2018. PubMed PMID: 30286133; PubMed Central PMCID: PMC6171904.

129: Zwir I, Arnedo J, Del-Val C, Pulkki-Råback L, Konte B, Yang SS, Romero-Zaliz R, Hintsanen M, Cloninger KM, Garcia D, Svrakic DM, Rozsa S, Martinez M, Lyytikäinen LP, Giegling I, Kähönen M, Hernandez-Cuervo H, Seppälä I, Raitoharju E, de Erausquin GA, Raitakari O, Rujescu D, Postolache TT, Sung J, Keltikangas-Järvinen L, Lehtimäki T, Cloninger CR. Uncovering the complex genetics of human character. *Mol Psychiatry*. 2018 Oct 3. doi: 10.1038/s41380-018-0263-6. [Epub ahead of print] PubMed PMID: 30283034.

130: Zwir I, Arnedo J, Del-Val C, Pulkki-Råback L, Konte B, Yang SS, Romero-Zaliz R, Hintsanen M, Cloninger KM, Garcia D, Svrakic DM, Rozsa S, Martinez M, Lyytikäinen LP, Giegling I, Kähönen M, Hernandez-Cuervo H, Seppälä I, Raitoharju E, de Erausquin GA, Raitakari O, Rujescu D, Postolache TT, Sung J, Keltikangas-Järvinen L, Lehtimäki T, Cloninger CR. Uncovering the complex genetics of human temperament. *Mol Psychiatry*. 2018 Oct 2. doi: 10.1038/s41380-018-0264-5. [Epub ahead of print] PubMed PMID: 30279457.

131: Bae S, Choi YS, Ahn SS, Chang JH, Kang SG, Kim EH, Kim SH, Lee SK. Radiomic MRI Phenotyping of Glioblastoma: Improving Survival Prediction. *Radiology*. 2018 Dec;289(3):797-806. doi: 10.1148/radiol.2018180200. Epub 2018 Oct 2. PubMed PMID: 30277442.

132: Park MH, Lee JY, Park KH, Jung IK, Kim KT, Lee YS, Ryu HH, Jeong Y, Kang M, Schwaninger M, Gulbins E, Reichel M, Kornhuber J, Yamaguchi T, Kim HJ, Kim SH, Schuchman EH, Jin HK, Bae JS. Vascular and Neurogenic Rejuvenation in Aging Mice by Modulation of ASM. *Neuron*. 2018 Oct 10;100(1):167-182.e9. doi: 10.1016/j.neuron.2018.09.010. Epub 2018 Sep 27. Erratum in: *Neuron*. 2018 Nov 7;100(3):762. PubMed PMID: 30269989.

133: Lee SU, Kwak Y, Oh CW, Kwon OK, Ban SP, Kim T, Byoun HS, Choe G, Kim YD, Bang JS. Pathogenesis of dorsal internal carotid artery wall aneurysms based on histopathologic examination and microscopic configuration. *J Clin Neurosci*. 2018 Dec;58:181-186. doi: 10.1016/j.jocn.2018.08.002. Epub 2018 Sep 27. PubMed PMID: 30269959.

134: Han S, Hyun SJ, Kim KJ, Jahng TA, Kim HJ. Factors for the acquisition of 10° angular change at the lumbar spine through posterior column osteotomy in adult spinal deformity surgery. *J Neurosurg Spine*. 2018 Dec 1;29(6):667-673. doi: 10.3171/2018.5.SPINE1858. PubMed PMID: 30265224.

135: Park J, Kim JH, Suk K, Han HS, Ohk B, Kim DG. Selective Brain Hypothermia Augmenting Neuroprotective Effects of Decompressive Craniectomy for Permanent Middle Cerebral Artery Infarction in a Rat Model. *World Neurosurg*. 2019 Jan;121:e181-e190. doi: 10.1016/j.wneu.2018.09.073. Epub 2018 Sep 25. PubMed PMID: 30261392.

136: Choi HY, Lee CH. Can Beta-Endorphin Be Used as a Biomarker for Chronic Low Back Pain? A Meta-analysis of Randomized Controlled Trials. *Pain Med*. 2019 Jan 1;20(1):28-36. doi: 10.1093/pm/pny186. PubMed PMID: 30256990.

137: Jang Y, Lee ST, Bae JY, Kim TJ, Jun JS, Moon J, Jung KH, Park KI, Irani SR, Chu K, Lee SK. LGI1

expression and human brain asymmetry: insights from patients with LGI1-antibody encephalitis. *J Neuroinflammation*. 2018 Sep 25;15(1):279. doi: 10.1186/s12974-018-1314-2. PubMed PMID: 30253786; PubMed Central PMCID: PMC6156957.

138: Andreiuolo F, Varlet P, Tauziède-Espariat A, Jünger ST, Dörner E, Dreschmann V, Kuchelmeister K, Waha A, Haberler C, Slavc I, Corbacioglu S, Riemenschneider MJ, Leipold A, Rüdiger T, Körholz D, Acker T, Russo A, Faber J, Sommer C, Armbrust S, Rose M, Erdlenbruch B, Hans VH, Bernbeck B, Schneider D, Lorenzen J, Ebinger M, Handgretinger R, Neumann M, van Buiren M, Prinz M, Roganovic J, Jakovcevic A, Park SH, Grill J, Puget S, Messing-Jünger M, Reinhard H, Bergmann M, Hattingen E, Pietsch T. Childhood supratentorial ependymomas with YAP1-MAMLD1 fusion: an entity with characteristic clinical, radiological, cytogenetic and histopathological features. *Brain Pathol*. 2019 Mar;29(2):205-216. doi: 10.1111/bpa.12659. Epub 2018 Nov 11. PubMed PMID: 30246434.

139: Shin SA, Ahn B, Kim SK, Kang HJ, Nobusawa S, Komori T, Park SH. Brainstem astroblastoma with MN1 translocation. *Neuropathology*. 2018 Dec;38(6):631-637. doi: 10.1111/neup.12514. Epub 2018 Sep 20. PubMed PMID: 30238518.

140: Wee CW, Kim IH, Park CK, Kim JW, Dho YS, Ohka F, Aoki K, Motomura K, Natsume A, Kim N, Suh CO, Chang JH, Kim SH, Cho WK, Lim DH, Nam DH, Choi JW, Kim IA, Kim CY, Oh YT, Cho O, Chung WK, Kim SH, Kim E. Validation of a novel molecular RPA classification in glioblastoma (GBM-molRPA) treated with chemoradiation: A multi-institutional collaborative study. *Radiother Oncol*. 2018 Nov;129(2):347-351. doi: 10.1016/j.radonc.2018.09.001. Epub 2018 Sep 17. PubMed PMID: 30236994.

141: Kim DH, Lee SH, Choe WJ, Song GS. History of Korean Spinal Neurosurgery Society. *Neurospine*. 2018 Sep;15(3):189-193. doi: 10.14245/ns.1836180.090. Epub 2018 Sep 21. PubMed PMID: 30235499; PubMed Central PMCID: PMC6226131.

142: Koh HY, Kim SH, Jang J, Kim H, Han S, Lim JS, Son G, Choi J, Park BO, Do Heo W, Han J, Lee HJ, Lee D, Kang HC, Shong M, Paik SB, Kim DS, Lee JH. BRAF somatic mutation contributes to intrinsic epileptogenicity in pediatric brain tumors. *Nat Med*. 2018 Nov;24(11):1662-1668. doi: 10.1038/s41591-018-0172-x. Epub 2018 Sep 17. PubMed PMID: 30224756.

143: Hung AL, Maxwell R, Theodros D, Belcaid Z, Mathios D, Luksik AS, Kim E, Wu A, Xia Y, Garzon-Muvdi T, Jackson C, Ye X, Tyler B, Selby M, Korman A, Barnhart B, Park SM, Youn JI, Chowdhury T, Park CK, Brem H, Pardoll DM, Lim M. TIGIT and PD-1 dual checkpoint blockade enhances antitumor immunity and survival in GBM. *Oncoimmunology*. 2018 May 24;7(8):e1466769. doi: 10.1080/2162402X.2018.1466769. eCollection 2018. PubMed PMID: 30221069; PubMed Central PMCID: PMC6136875.

1: Kim JS, Jang MJ, Hyun SJ, Kim KJ, Jahng TA, Kim HJ, Kim SM, Park KS. Failure to generate baseline muscle motor evoked potentials during spine surgery: Risk factors and association with the postoperative outcomes. *Clin Neurophysiol*. 2018 Aug 22;129(11):2276-2283. doi: 10.1016/j.clinph.2018.08.001. [Epub ahead of print] PubMed PMID: 30218942.

2: Chung JP, Seong YM, Kim TY, Choi Y, Kim TH, Choi HJ, Min CH, Benmakhlouf H, Chun KJ, Chung HT. Development of a PMMA phantom as a practical alternative for quality control of gamma knife® dosimetry. *Radiat Oncol*. 2018 Sep 14;13(1):176. doi: 10.1186/s13014-018-1117-8. PubMed PMID: 30217160.

3: Kim JH, Dho YS, Kim YH, Lee JH, Lee JH, Hong AR, Shin CS. Developing an optimal follow-up strategy based on the natural history of nonfunctioning pituitary neuroendocrine tumors. *J Neurosurg*. 2018 Sep 14:1-7. doi: 10.3171/2018.4.JNS172148. [Epub ahead of print] PubMed PMID: 30215565.

- 4: Kong DS, Young SM, Hong CK, Kim YD, Hong SD, Choi JW, Seol HJ, Lee JI, Shin HJ, Nam DH, Woo KI. Clinical and ophthalmological outcome of endoscopic transorbital surgery for cranioorbital tumors. *J Neurosurg.* 2018 Sep 14;1-9. doi: 10.3171/2018.3.JNS173233. [Epub ahead of print] PubMed PMID: 30215555.
- 5: Kang HS. Low-Dose Prasugrel in Treatment of Cerebral Aneurysms. *Neurointervention.* 2018 Sep;13(2):128. doi: 10.5469/neuroint.2018.01092. Epub 2018 Aug 31. PubMed PMID: 30196684.
- 6: Byun YH, Gwak HS, Kwon JW, Kim KG, Shin SH, Lee SH, Yoo H. A Novel Implantable Cerebrospinal Fluid Reservoir : A Pilot Study. *J Korean Neurosurg Soc.* 2018 Sep;61(5):640-644. doi: 10.3340/jkns.2018.0098. Epub 2018 Aug 31. PubMed PMID: 30196661; PubMed Central PMCID: PMC6129757.
- 7: Park ES, Lee EJ, Yun JH, Cho YH, Kim JH, Kwon DH. Gamma Knife Radiosurgery for Metastatic Brain Tumors with Exophytic Hemorrhage. *J Korean Neurosurg Soc.* 2018 Sep;61(5):592-599. doi: 10.3340/jkns.2017.0303.005. Epub 2018 Aug 31. PubMed PMID: 30196656; PubMed Central PMCID: PMC6129753.
- 8: Kang JW, Eom S, Hong W, Kwon HE, Park S, Ko A, Kang HC, Lee JS, Lee YM, Kim DS, Kim HD. Long-term Outcome of Resective Epilepsy Surgery in Patients With Lennox-Gastaut Syndrome. *Pediatrics.* 2018 Sep 7. pii: e20180449. doi: 10.1542/peds.2018-0449. [Epub ahead of print] PubMed PMID: 30194277.
- 9: Koh DH, Jang WS, Park JW, Ham WS, Han WK, Rha KH, Choi YD. Efficacy and Safety of Robotic Procedures Performed Using the da Vinci Robotic Surgical System at a Single Institute in Korea: Experience with 10000 Cases. *Yonsei Med J.* 2018 Oct;59(8):975-981. doi: 10.3349/ymj.2018.59.8.975. PubMed PMID: 30187705; PubMed Central PMCID: PMC6127423.
- 10: Choi HH, Cho YD, Yoo DH, Lee J, Mun JH, An SJ, Kang HS, Cho WS, Kim JE, Han MH. Intracranial Mirror Aneurysms: Anatomic Characteristics and Treatment Options. *Korean J Radiol.* 2018 Sep-Oct;19(5):849-858. doi: 10.3348/kjr.2018.19.5.849. Epub 2018 Aug 6. PubMed PMID: 30174473; PubMed Central PMCID: PMC6082764.
- 11: Sohn S, Chung CK, Jung JH, Lee KC, Kim J, Chang UK, Sohn MJ, Kim SH. Nationwide comparative study of synchronous and metachronous spine metastasis in the adult Korean population. *J Clin Neurosci.* 2018 Aug 29. pii: S0967-5868(18)30492-2. doi: 10.1016/j.jocn.2018.08.048. [Epub ahead of print] PubMed PMID: 30172640.
- 12: Yang X, Sun J, Kim TJ, Kim YJ, Ko SB, Kim CK, Jia X, Yoon BW. Pretreatment with low-dose fimasartan ameliorates NLRP3 inflammasome-mediated neuroinflammation and brain injury after intracerebral hemorrhage. *Exp Neurol.* 2018 Aug 29;310:22-32. doi: 10.1016/j.expneurol.2018.08.013. [Epub ahead of print] PubMed PMID: 30171865.
- 13: Hong JT, Kim JH, Kim KS, Lee CS, Shin HC, Kim WK, Kim JH, Lee JK, Kim IS, Ha Y, Im SB, Kim SW, Han IH, Shin JJ, Rim B, Suk KS, Kim JH, Park YS, Chang BS, Jun DS, Kim YH, Lee JH, Min WK, Lee JS, Park SY, Oh IS, Hong JY, Seo BJ, Kim YJ, Lee J. Pharmacological target therapy of neuropathic pain and patient-reported outcomes in patients with chronic low back pain in Korea: Results from the NLBP Outcomes Research. *Medicine (Baltimore).* 2018 Aug;97(35):e11919. doi: 10.1097/MD.00000000000011919. PubMed PMID: 30170385.
- 14: Shin YW, Ahn SJ, Moon J, Kim TJ, Jun JS, Byun JI, Lee ST, Jung KH, Park KI, Jung KY, Kim M, Lee SK, Chu K. Increased adverse events associated with antiepileptic drugs in anti-leucine-rich glioma-

inactivated protein 1 encephalitis. *Epilepsia*. 2018 Aug 29. doi: 10.1111/epi.14490. [Epub ahead of print] PubMed PMID: 30159879.

15: Yang JP, Shin JH, Seo SH, Kim SG, Lee SH, Shin EH. Effects of Antioxidants in Reducing Accumulation of Fat in Hepatocyte. *Int J Mol Sci*. 2018 Aug 29;19(9). pii: E2563. doi: 10.3390/ijms19092563. PubMed PMID: 30158441.

16: Kang J, Hosogane N, Ames C, Schwab F, Hart R, Burton D, Shaffrey C, Smith JS, Bess S, Lafage V, Cho KJ, Ha Y; International Spine Study Group and Asian Pacific Spine Study Group. Diversity in Surgical Decision Strategies for Adult Spine Deformity Treatment: The Effects of Neurosurgery or Orthopedic Training Background and Surgical Experience. *Neurospine*. 2018 Aug 29. doi: 10.14245/ns.1836086.043. [Epub ahead of print] PubMed PMID: 30157582.

17: Liu L, Zhang H, Wu J, Yu Z, Chen X, Rekik I, Wang Q, Lu J, Shen D. Overall survival time prediction for high-grade glioma patients based on large-scale brain functional networks. *Brain Imaging Behav*. 2018 Aug 28. doi: 10.1007/s11682-018-9949-2. [Epub ahead of print] PubMed PMID: 30155788.

18: Park SS, Kim JH, Kim YH, Lee JH, Dho YS, Shin CS. Clinical and Radiographic Characteristics Related to Hyperprolactinemia in Nonfunctioning Pituitary Adenomas. *World Neurosurg*. 2018 Aug 23. pii: S1878-8750(18)31851-5. doi: 10.1016/j.wneu.2018.08.068. [Epub ahead of print] PubMed PMID: 30144593.

19: Valera ET, McConechy MK, Gayden T, Rivera B, Jones DTW, Wittmann A, Han H, Bareke E, Nikbakht H, Mikael L, Queiroz RG, Suazo VK, Phi JH, Kim SK, Park SH, Fukaya R, Yum MS, Ko TS, de Oliveira RS, Machado HR, Brassesco MS, do Santos AC, Simão GN, Ramalho LNZ, Neder L, Scrideli CA, Tone LG, Majewski J, Jabado N. Methylome analysis and whole-exome sequencing reveal that brain tumors associated with encephalocraniocutaneous lipomatosis are midline pilocytic astrocytomas. *Acta Neuropathol*. 2018 Oct;136(4):657-660. doi: 10.1007/s00401-018-1898-8. Epub 2018 Aug 24. PubMed PMID: 30143858; PubMed Central PMCID: PMC6132939.

20: Lee BH, Hyun SJ, Han S, Kim KJ, Jahng TA, Kim YJ, Kim HJ. Surgical and radiological outcomes after posterior vertebral column resection according to the surgeon's experience. *Medicine (Baltimore)*. 2018 Aug;97(34):e11660. doi: 10.1097/MD.00000000000011660. PubMed PMID: 30142756; PubMed Central PMCID: PMC6112904.

21: Park MK, Kim KT, Bang WS, Cho DC, Sung JK, Lee YS, Lee CK, Kim CH, Kwon BK, Lee WK, Han I. Risk factors for cage migration and cage retropulsion following transforaminal lumbar interbody fusion. *Spine J*. 2018 Aug 21. pii: S1529-9430(18)31095-7. doi: 10.1016/j.spinee.2018.08.007. [Epub ahead of print] PubMed PMID: 30142459.

22: Cho WS, Lee J, Ha EJ, Kim KH, Lee J, Cho YD, Kim JE, Han MH, Kang HS. Low-Dose Prasugrel vs Clopidogrel-Based Tailored Premedication for Endovascular Treatment of Cerebral Aneurysms. *Neurosurgery*. 2018 Aug 20. doi: 10.1093/neuros/nyy341. [Epub ahead of print] PubMed PMID: 30137613.

23: Park CJ, Choi YJ, Kim JG, Han IB, Do Han K, Choi JM, Sohn S. Association of Acute Myocardial Infarction with ankylosing Spondylitis: A nationwide longitudinal cohort study. *J Clin Neurosci*. 2018 Aug 18. pii: S0967-5868(18)30520-4. doi: 10.1016/j.jocn.2018.08.008. [Epub ahead of print] PubMed PMID: 30131197.

24: Oh JY, Lim CS, Yoo KS, Park HJ, Park YS, Kim EG, Lee YS, Kaang BK, Kim HK. Adenomatous polyposis coli-stimulated GEF 1 (Asef1) is a negative regulator of excitatory synaptic function. *J Neurochem*. 2018 Aug 20. doi: 10.1111/jnc.14570. [Epub ahead of print] PubMed PMID: 30125942.

25: Koh HK, Seo SY, Kim JH, Kim HJ, Chie EK, Kim SK, Kim IH. Disulfiram, a Re-positioned Aldehyde Dehydrogenase Inhibitor, Enhances Radiosensitivity of Human Glioblastoma Cells In Vitro. *Cancer Res Treat*. 2018 Aug 13. doi: 10.4143/crt.2018.249. [Epub ahead of print] PubMed PMID: 30121967.

26: Hwang H, Jeong JE, Lee HK, Yun KN, An HJ, Lee B, Paik YK, Jeong TS, Yee GT, Kim JY, Yoo JS. Identification of Missing Proteins in Human Olfactory Epithelial Tissue by Liquid Chromatography-Tandem Mass Spectrometry. *J Proteome Res*. 2018 Aug 20. doi: 10.1021/acs.jproteome.8b00408. [Epub ahead of print] PubMed PMID: 30113170.

27: Suh DC, Song Y, Park D, Han M, Lim YM, Park JE, Lee SH, Jeon SR, Kim KK. New grading system for the clinical evaluation of patients with spinal vascular lesions. *Neuroradiology*. 2018 Oct;60(10):1035-1041. doi: 10.1007/s00234-018-2076-3. Epub 2018 Aug 14. PubMed PMID: 30109382.

28: Kim JY, Park JE, Jo Y, Shim WH, Nam SJ, Kim JH, Yoo RE, Choi SH, Kim HS. Incorporating diffusion- and perfusion-weighted MRI into a radiomics model improves diagnostic performance for pseudoprogression in glioblastoma patients. *Neuro Oncol*. 2018 Aug 11. doi: 10.1093/neuonc/noy133. [Epub ahead of print] PubMed PMID: 30107606.

29: Koo T, Lim DH, Seol HJ, Dho YS, Kim IH, Chang JH, Lee J, Jung TY, Gwak HS, Cho KH, Hong CK, Lee IJ, Kim E, Kim JH, Hong YK, Jang HS, Kim CY, Kim IA, Kim SH, Kim YI, Kim EY, Kim WC, Hong S. Impact of adjuvant treatments on survival in Korean patients with WHO grade II gliomas: KNOG 15-02 and KROG 16-04 intergroup study. *J Neurooncol*. 2018 Aug 10. doi: 10.1007/s11060-018-2972-8. [Epub ahead of print] PubMed PMID: 30097825.

30: Lee J, You JH, Oh SH, Shin S, Kim BM, Kim TS, Cho YP, Jeon P, Park HS. Outcomes stenting of versus endarterectomy for symptomatic extracranial carotid stenosis: A retrospective multi-center study in Korea. *Ann Vasc Surg*. 2018 Aug 6. pii: S0890-5096(18)30572-7. doi: 10.1016/j.avsg.2018.04.044. [Epub ahead of print] PubMed PMID: 30092433.

31: Chong S, Phi JH, Lee JY, Kim SK. Surgical Treatment of Lesional Mesial Temporal Lobe Epilepsy. *J Epilepsy Res*. 2018 Jun 30;8(1):6-11. doi: 10.14581/jer.18002. eCollection 2018 Jun. Review. PubMed PMID: 30090756; PubMed Central PMCID: PMC6066696.

32: Kumar H, Choi H, Jo MJ, Joshi HP, Muttigi M, Bonanomi D, Kim SB, Ban E, Kim A, Lee SH, Kim KT, Sohn S, Zeng X, Han I. Neutrophil elastase inhibition effectively rescued angiopoietin-1 decrease and inhibits glial scar after spinal cord injury. *Acta Neuropathol Commun*. 2018 Aug 7;6(1):73. doi: 10.1186/s40478-018-0576-3. PubMed PMID: 30086801; PubMed Central PMCID: PMC6080383.

33: Cho HJ, Zhao J, Jung SW, Ladewig E, Kong DS, Suh YL, Lee Y, Kim D, Ahn SH, Bordyuh M, Kang HJ, Sa JK, Seo YJ, Kim ST, Lim DH, Dho YS, Lee JI, Seol HJ, Choi JW, Park WY, Park CK, Rabadan R, Nam DH. Distinct genomic profile and specific targeted drug responses in adult cerebellar glioblastoma. *Neuro Oncol*. 2018 Jul 31. doi: 10.1093/neuonc/noy123. [Epub ahead of print] PubMed PMID: 30085274.

34: Hwang MH, Son HG, Lee JW, Yoo CM, Shin JH, Nam HG, Lim HJ, Baek SM, Park JH, Kim JH, Choi H. Photobiomodulation of extracellular matrix enzymes in human nucleus pulposus cells as a potential treatment for intervertebral disk degeneration. *Sci Rep*. 2018 Aug 3;8(1):11654. doi: 10.1038/s41598-018-30185-3. PubMed PMID: 30076336; PubMed Central PMCID: PMC6076240.

35: Lee JH, Lee JE, Kahng JY, Kim SH, Park JS, Yoon SJ, Um JY, Kim WK, Lee JK, Park J, Kim EH, Lee JH, Lee JH, Chung WS, Ju YS, Park SH, Chang JH, Kang SG, Lee JH. Human glioblastoma arises from subventricular zone cells with low-level driver mutations. *Nature*. 2018 Aug;560(7717):243-247. doi:

10.1038/s41586-018-0389-3. Epub 2018 Aug 1. PubMed PMID: 30069053.

36: Sohn S, Chung CK, Han KD, Jung JH, Hyeun JH, Kim J, Chang UK, Sohn MJ, Kim SH. A Nationwide Study of Surgery in a Newly Diagnosed Spine Metastasis Population. *J Korean Neurosurg Soc.* 2018 Aug 2. doi: 10.3340/jkns.2017.0304. [Epub ahead of print] PubMed PMID: 30064201.

37: Kim CH, Chung CK, Kim MJ, Choi Y, Kim MJ, Shin S, Jung JM, Hwang SH, Yang SH, Park SB, Lee JH. Increased Volume of Surgery for Lumbar Spinal Stenosis and Changes in Surgical Methods and Outcomes: A Nationwide Cohort Study with a 5-Year Follow-Up. *World Neurosurg.* 2018 Jul 24. pii: S1878-8750(18)31617-6. doi: 10.1016/j.wneu.2018.07.139. [Epub ahead of print] PubMed PMID: 30053562.

38: Han S, Kwon YC, Kim SM, Hyun SJ, Jahng TA, Kim KJ, Kim HJ, Choi HY, Park YS, Seok Park K. Risk Factor Analysis of Change in Intraoperative Neurophysiologic Monitoring During Cervical Open Door Laminoplasty. *World Neurosurg.* 2018 Jul 23. pii: S1878-8750(18)31599-7. doi: 10.1016/j.wneu.2018.07.121. [Epub ahead of print] PubMed PMID: 30048788.

39: Baek J, Yang SH, Kim CH, Chung CK, Choi Y, Heo JH, Park SB, Hwang SH, Jung JM, Kim KT. Postoperative Longitudinal Outcomes in Patients with Residual Disc Fragments after Percutaneous Endoscopic Lumbar Discectomy. *Pain Physician.* 2018 Jul;21(4):E457-E466. PubMed PMID: 30045612.

40: Jin ES, Kim JY, Lee B, Min J, Jeon SR, Choi KH, Jeong JH. Biodegradable Screws Containing Bone Morphogenetic Protein-2 in an Osteoporotic Rat Model. *J Korean Neurosurg Soc.* 2018 Sep;61(5):559-567. doi: 10.3340/jkns.2017.0297. Epub 2018 Jul 25. PubMed PMID: 30041512; PubMed Central PMCID: PMC6129746.

41: Blauwendraat C, Reed X, Kia DA, Gan-Or Z, Lesage S, Pihlstrøm L, Guerreiro R, Gibbs JR, Sabir M, Ahmed S, Ding J, Alcalay RN, Hassin-Baer S, Pittman AM, Brooks J, Edsall C, Hernandez DG, Chung SJ, Goldwurm S, Toft M, Schulte C, Bras J, Wood NW, Brice A, Morris HR, Scholz SW, Nalls MA, Singleton AB, Cookson MR; COURAGE-PD (Comprehensive Unbiased Risk Factor Assessment for Genetics and Environment in Parkinson's Disease) Consortium, the French Parkinson's Disease Consortium, and the International Parkinson's Disease Genomics Consortium (IPDGC). Frequency of Loss of Function Variants in LRRK2 in Parkinson Disease. *JAMA Neurol.* 2018 Jul 23. doi: 10.1001/jamaneurol.2018.1885. [Epub ahead of print] PubMed PMID: 30039155.

42: Kim KT, Lee CH, Chung CK, Kim JH. Is NF2 a Key Player of the Differentially Expressed Gene Between Spinal Cord Ependymoma and Intracranial Ependymoma? *World Neurosurg.* 2018 Jul 18. pii: S1878-8750(18)31574-2. doi: 10.1016/j.wneu.2018.07.096. [Epub ahead of print] PubMed PMID: 30031196.

43: Lee JH, Shin KH, Bahk SJ, Lee GJ, Kim DH, Lee CH, Kim DH, Yang HS, Lee SH. Comparison of clinical efficacy of transforaminal and caudal epidural steroid injection in lumbar and lumbosacral disc herniation: A systematic review and meta-analysis. *Spine J.* 2018 Jul 18. pii: S1529-9430(18)31012-X. doi: 10.1016/j.spinee.2018.06.720. [Epub ahead of print] Review. PubMed PMID: 30030083.

44: Kim CH, Chung CK, Choi Y, Kim MJ, Kim MJ, Shin S, Yang SH, Hwang SH, Kim DH, Park SB, Lee JH. Increased Proportion of Fusion Surgery for Degenerative Lumbar Spondylolisthesis and Changes in Reoperation Rate: A Nationwide Cohort Study with a Minimum 5-Year Follow-Up. *Spine (Phila Pa 1976).* 2018 Jul 19. doi: 10.1097/BRS.0000000000002805. [Epub ahead of print] PubMed PMID: 30028778.

45: Park HR, Lee JM, Park KW, Kim JH, Jeong SS, Kim JW, Chung HT, Kim DG, Paek SH. Fractionated Gamma Knife Radiosurgery as Initial Treatment for Large Skull Base Meningioma. *Exp Neurobiol.* 2018

Jun;27(3):245-255. doi: 10.5607/en.2018.27.3.245. Epub 2018 Jun 30. PubMed PMID: 30022876; PubMed Central PMCID: PMC6050410.

46: Yang TW, Moon J, Kim TJ, Jun JS, Lim JA, Lee ST, Jung KH, Park KI, Jung KY, Chu K, Lee SK. HLA-A*11:01 is associated with levetiracetam-induced psychiatric adverse events. *PLoS One*. 2018 Jul 18;13(7):e0200812. doi: 10.1371/journal.pone.0200812. eCollection 2018. PubMed PMID: 30020991; PubMed Central PMCID: PMC6051654.

47: Cho SW, Lee WW, Ma DJ, Kim JH, Han DH, Kim HJ, Kim DY, Kim SJ, Khwang SI, Kim SM, Paek SH, Rhee CS, Lee CH, Hwang PH, Won TB. Orbital Apex Lesions: A Diagnostic and Therapeutic Challenge. *J Neurol Surg B Skull Base*. 2018 Aug;79(4):386-393. doi: 10.1055/s-0037-1612616. Epub 2017 Dec 13. PubMed PMID: 30009120; PubMed Central PMCID: PMC6043169.

48: Palumbo DB, Alsalman O, De Ridder D, Song JJ, Vanneste S. Misophonia and Potential Underlying Mechanisms: A Perspective. *Front Psychol*. 2018 Jun 29;9:953. doi: 10.3389/fpsyg.2018.00953. eCollection 2018. Review. PubMed PMID: 30008683; PubMed Central PMCID: PMC6034066.

49: Byun JI, Moon J, Kim DY, Shin H, Sunwoo JS, Lim JA, Kim TJ, Lee WJ, Lee HS, Jun JS, Park KI, Lee ST, Jung KH, Jung KY, Kim M, Lee SK, Chu K. Delayed orthostatic hypotension: Severity of clinical symptoms and response to medical treatment. *Auton Neurosci*. 2018 Sep;213:81-85. doi: 10.1016/j.autneu.2018.06.005. Epub 2018 Jun 28. PubMed PMID: 30005744.

50: Lee CH, Koo HW, Han SR, Choi CY, Sohn MJ, Lee CH. Phenytoin versus levetiracetam as prophylaxis for postcraniotomy seizure in patients with no history of seizures: systematic review and meta-analysis. *J Neurosurg*. 2018 Jul 13:1-8. doi: 10.3171/2018.4.JNS1891. [Epub ahead of print] PubMed PMID: 30004278.

51: Kim HY, Kumar H, Jo MJ, Kim J, Yoon JK, Lee JR, Kang M, Choo YW, Song SY, Kwon SP, Hyeon T, Han IB, Kim BS. Therapeutic Efficacy-Potentiated and Diseased Organ-Targeting Nanovesicles Derived from Mesenchymal Stem Cells for Spinal Cord Injury Treatment. *Nano Lett*. 2018 Aug 8;18(8):4965-4975. doi: 10.1021/acs.nanolett.8b01816. Epub 2018 Jul 13. PubMed PMID: 29995418.

52: Kim HS, Park SC, Ha EJ, Cho WS, Kim SK, Kim JE. Clinical Outcome of Nonfistulous Cerebral Varices: the Analysis of 39 Lesions. *J Korean Neurosurg Soc*. 2018 Jul;61(4):485-493. doi: 10.3340/jkns.2018.0089. Epub 2018 Jul 1. PubMed PMID: 29991108; PubMed Central PMCID: PMC6046564.

53: Dho YS, Kim YH, Kim JW, Park CK, Chung HT, Kim SK, Paek SH, Wang KC, Kim DG. Optimal strategy of gamma knife radiosurgery for craniopharyngiomas. *J Neurooncol*. 2018 Jul 9. doi: 10.1007/s11060-018-2943-0. [Epub ahead of print] PubMed PMID: 29987747.

54: Kang DH, Jung C, Yoon W, Kim SK, Baek BH, Kim JT, Park MS, Kim YW, Hwang YH, Kim YS, Kim BJ, Han MK, Bae HJ. Endovascular Thrombectomy for Acute Basilar Artery Occlusion: A Multicenter Retrospective Observational Study. *J Am Heart Assoc*. 2018 Jul 7;7(14). pii: e009419. doi: 10.1161/JAHA.118.009419. PubMed PMID: 29982231; PubMed Central PMCID: PMC6064858.

55: Kim JH, Wang KC, Phi JH, Park SH, Cheon JE, Kim SK. Intracranial neurenteric cyst arising at the suprasellar cistern with extension to middle cranial fossa. *Childs Nerv Syst*. 2018 Jul 6. doi: 10.1007/s00381-018-3892-9. [Epub ahead of print] PubMed PMID: 29980836.

56: Seo Y, Pak K, Nam HY, Seok JW, Lee MJ, Kim EJ, Lee JM, Kim SJ, Kim IJ. Effect of rs3910105 in the Synuclein Gene on Dopamine Transporter Availability in Healthy Subjects. *Yonsei Med J*. 2018

Aug;59(6):787-792. doi: 10.3349/ymj.2018.59.6.787. PubMed PMID: 29978616; PubMed Central PMCID: PMC6037603.

57: Phi JH, Lee SJ, Kang HS, Kim JE, Kim SK, Cho WS, Lee SY. Postoperative Transient Neurologic Dysfunction: A Proposal for Pathophysiology. *J Clin Neurol*. 2018 Jul;14(3):393-400. doi: 10.3988/jcn.2018.14.3.393. PubMed PMID: 29971980; PubMed Central PMCID: PMC6031985.

58: Jin SY, Choi JY, Park KD, Kang HJ, Shin HY, Phi JH, Kim SK, Wang KC, Kim IH, Lee YA, Shin CH, Yang SW. Thyroid dysfunction in patients with childhood-onset medulloblastoma or primitive neuroectodermal tumor. *Ann Pediatr Endocrinol Metab*. 2018 Jun;23(2):88-93. doi: 10.6065/apem.2018.23.2.88. Epub 2018 Jun 20. PubMed PMID: 29969880; PubMed Central PMCID: PMC6057023.

59: Zucchi E, Lu CH, Cho Y, Chang R, Adiutori R, Zubiri I, Ceroni M, Cereda C, Pansarasa O, Greensmith L, Malaspina A, Petzold A. A motor neuron strategy to save time and energy in neurodegeneration: adaptive protein stoichiometry. *J Neurochem*. 2018 Jun 30. doi: 10.1111/jnc.14542. [Epub ahead of print] PubMed PMID: 29959860.

60: Kim T, Kwon OK, Bang JS, Lee H, Kim JE, Kang HS, Cho WS, Oh CW. Epidemiology of ruptured brain arteriovenous malformation: a National Cohort Study in Korea. *J Neurosurg*. 2018 Jun 29:1-6. doi: 10.3171/2018.1.JNS172766. [Epub ahead of print] PubMed PMID: 29957116.

61: Sa JK, Kim SH, Lee JK, Cho HJ, Shin YJ, Shin H, Koo H, Kim D, Lee M, Kang W, Hong SH, Kim JY, Park YW, Song SW, Lee SJ, Joo KM, Nam DH. Identification of Genomic and Molecular Traits that Present Therapeutic Vulnerability to HGF-targeted therapy in Glioblastoma. *Neuro Oncol*. 2018 Jun 23. doi: 10.1093/neuonc/noy105. [Epub ahead of print] PubMed PMID: 29939324.

62: Pavlyukov MS, Yu H, Bastola S, Minata M, Shender VO, Lee Y, Zhang S, Wang J, Komarova S, Wang J, Yamaguchi S, Alsheikh HA, Shi J, Chen D, Mohyeldin A, Kim SH, Shin YJ, Anufrieva K, Evtushenko EG, Antipova NV, Arapidi GP, Govorun V, Pestov NB, Shakhparonov MI, Lee LJ, Nam DH, Nakano I. Apoptotic Cell-Derived Extracellular Vesicles Promote Malignancy of Glioblastoma Via Intercellular Transfer of Splicing Factors. *Cancer Cell*. 2018 Jul 9;34(1):119-135.e10. doi: 10.1016/j.ccell.2018.05.012. Epub 2018 Jun 21. PubMed PMID: 29937354; PubMed Central PMCID: PMC6048596.

63: Chun SJ, Park SH, Park CK, Kim JW, Kim TM, Choi SH, Lee ST, Kim IH. Survival gain with re-Op/RT for recurred high-grade gliomas depends upon risk groups. *Radiother Oncol*. 2018 Aug;128(2):254-259. doi: 10.1016/j.radonc.2018.05.024. Epub 2018 Jun 21. PubMed PMID: 29937212.

64: Lee WK, Oh CW, Lee H, Lee KS, Park H. Factors influencing the incidence and treatment of intracranial aneurysm and subarachnoid hemorrhage: time trends and socioeconomic disparities under an universal healthcare system. *J Neurointerv Surg*. 2018 Jun 22. pii: neurintsurg-2018-013799. doi: 10.1136/neurintsurg-2018-013799. [Epub ahead of print] PubMed PMID: 29934441.

65: Ryu EJ, Kim DW, Shin MJ, Jo HS, Park JH, Cho SB, Lee CH, Yeo HJ, Yeo EJ, Choi YJ, Kim DS, Cho SW, Cho YJ, Sohn EJ, Son O, Lee KW, Han KH, Park J, Eum WS, Choi SY. PEP-1-glutaredoxin 1 protects against hippocampal neuronal cell damage from oxidative stress via regulation of MAPK and apoptotic signaling pathways. *Mol Med Rep*. 2018 Aug;18(2):2216-2228. doi: 10.3892/mmr.2018.9176. Epub 2018 Jun 15. PubMed PMID: 29916538.

66: Choi HJ, Chung HT, Sohn JW, Min CH. Independent dose validation system for Gamma Knife radiosurgery, using a DICOM-RT interface and Geant4. *Phys Med*. 2018 Jun 15. pii: S1120-1797(18)30490-3. doi: 10.1016/j.ejmp.2018.06.008. [Epub ahead of print] PubMed PMID:

29914795.

67: Moon BJ, Choi SK, Shin DA, Yi S, Kim KN, Yoon DH, Ha Y. Prevalence, Incidence, Comorbidity, and Mortality Rates of Ossification of Posterior Longitudinal Ligament in the Cervical Spine: A Nested Case-Control Cohort Study. *World Neurosurg.* 2018 Sep;117:e323-e328. doi: 10.1016/j.wneu.2018.06.023. Epub 2018 Jun 12. PubMed PMID: 29906583.

68: Shal B, Ding W, Ali H, Kim YS, Khan S. Anti-neuroinflammatory Potential of Natural Products in Attenuation of Alzheimer's Disease. *Front Pharmacol.* 2018 May 29;9:548. doi: 10.3389/fphar.2018.00548. eCollection 2018. Review. PubMed PMID: 29896105; PubMed Central PMCID: PMC5986949.

69: Kim SH, Yoo H, Chang JH, Kim CY, Chung DS, Kim SH, Park SH, Lee YS, Yang SH. Procarbazine and CCNU Chemotherapy for Recurrent Glioblastoma with MGMT Promoter Methylation. *J Korean Med Sci.* 2018 May 10;33(24):e167. doi: 10.3346/jkms.2018.33.e167. eCollection 2018 Jun 11. PubMed PMID: 29892208; PubMed Central PMCID: PMC5990446.

70: Nam H, Kim JH, Hwang JY, Kim GH, Kim JW, Jang M, Lee JH, Park K, Lee G. Characterization of Primary Epithelial Cells Derived from Human Salivary Gland Contributing to in vivo Formation of Acini-like Structures. *Mol Cells.* 2018 Jun;41(6):515-522. doi: 10.14348/molcells.2018.0060. Epub 2018 Jun 11. PubMed PMID: 29890826; PubMed Central PMCID: PMC6030237.

71: Kim YD, Bang JS, Lee SU, Jeong WJ, Kwon OK, Ban SP, Kim TK, Kim SB, Oh CW. Long-term outcomes of treatment for unruptured intracranial aneurysms in South Korea: clipping versus coiling. *J Neurointerv Surg.* 2018 Jun 6. pii: neurintsurg-2018-013757. doi: 10.1136/neurintsurg-2018-013757. [Epub ahead of print] PubMed PMID: 29875276.

72: Choi HH, Cho YD, Yoo DH, Ahn SJ, Cho WS, Kang HS, Kim JE, Lee JJ, Moon JH, Han MH. Stent-assisted coil embolization of anterior communicating artery aneurysms: safety, effectiveness, and risk factors for procedural complications or recanalization. *J Neurointerv Surg.* 2018 Jun 5. pii: neurintsurg-2018-013943. doi: 10.1136/neurintsurg-2018-013943. [Epub ahead of print] PubMed PMID: 29871991.

73: Park K, Kim JW, Chung HT, Paek SH, Kim DG. Long-Term Outcome of Gamma Knife Radiosurgery for Symptomatic Brainstem Cavernous Malformation. *World Neurosurg.* 2018 Aug;116:e1054-e1059. doi: 10.1016/j.wneu.2018.05.164. Epub 2018 Jun 2. PubMed PMID: 29864574.

74: Chung HT, Park WY, Kim TH, Kim YK, Chun KJ. Assessment of the accuracy and stability of frameless gamma knife radiosurgery. *J Appl Clin Med Phys.* 2018 Jul;19(4):148-154. doi: 10.1002/acm2.12365. Epub 2018 Jun 3. PubMed PMID: 29862671; PubMed Central PMCID: PMC6036398.

75: Park HJ, Lee SJ, Cho J, Gharbi A, Han HD, Kang TH, Kim Y, Lee Y, Park WS, Jung ID, Park YM. Tamarixetin Exhibits Anti-inflammatory Activity and Prevents Bacterial Sepsis by Increasing IL-10 Production. *J Nat Prod.* 2018 Jun 22;81(6):1435-1443. doi: 10.1021/acs.jnatprod.8b00155. Epub 2018 May 31. PubMed PMID: 29851490.

76: Banerjee G, Jang H, Kim HJ, Kim ST, Kim JS, Lee JH, Im K, Kwon H, Lee JM, Na DL, Seo SW, Werring DJ. Total MRI Small Vessel Disease Burden Correlates with Cognitive Performance, Cortical Atrophy, and Network Measures in a Memory Clinic Population. *J Alzheimers Dis.* 2018;63(4):1485-1497. doi: 10.3233/JAD-170943. PubMed PMID: 29843234.

- 77: Lee SU, Oh CW, Kwon OK, Bang JS, Ban SP, Byoun HS, Kim T. Surgical Treatment of Adult Moyamoya Disease. *Curr Treat Options Neurol*. 2018 May 28;20(7):22. doi: 10.1007/s11940-018-0511-8. Review. PubMed PMID: 29808372.
- 78: Lee CH, Choi M, Ryu DS, Choi I, Kim CH, Kim HS, Sohn MJ. Efficacy and safety of full-endoscopic decompression via interlaminar approach for central or lateral recess spinal stenosis of the lumbar spine: A meta-analysis. *Spine (Phila Pa 1976)*. 2018 May 22. doi: 10.1097/BRS.0000000000002708. [Epub ahead of print] PubMed PMID: 29794584.
- 79: Oh TK, Kim CY, Jeon YT, Hwang JW, Do SH. Perioperative Hyperchloremia and its Association With Postoperative Acute Kidney Injury After Craniotomy for Primary Brain Tumor Resection: A Retrospective, Observational Study. *J Neurosurg Anesthesiol*. 2018 May 22. doi: 10.1097/ANA.0000000000000512. [Epub ahead of print] PubMed PMID: 29794571.
- 80: Lee YS, Gupta R, Kwon JT, Cho DC, Seo YJ, Seu SY, Park EK, Han I, Kim CH, Sung JK, Kim KT. Effect of a bisphosphonate and selective estrogen receptor modulator on bone remodeling in streptozotocin-induced diabetes and ovariectomized rat model. *Spine J*. 2018 May 21. pii: S1529-9430(18)30245-6. doi: 10.1016/j.spinee.2018.05.020. [Epub ahead of print] PubMed PMID: 29793000.
- 81: Sunwoo L, Park SW, Rhim JH, Kang Y, Chung YS, Son YJ, Kim SC. Metal Artifact Reduction for Orthopedic Implants: Brain CT Angiography in Patients with Intracranial Metallic Implants. *J Korean Med Sci*. 2018 May 2;33(21):e158. doi: 10.3346/jkms.2018.33.e158. eCollection 2018 May 21. PubMed PMID: 29780296; PubMed Central PMCID: PMC5955738.
- 82: Kim T, Kim CH, Kang SH, Ban SP, Kwon OK. Relevance of Antiplatelet Therapy Duration After Stent-Assisted Coil Embolization for Unruptured Intracranial Aneurysms. *World Neurosurg*. 2018 Aug;116:e699-e708. doi: 10.1016/j.wneu.2018.05.071. Epub 2018 May 17. PubMed PMID: 29778598.
- 83: Moon J, Cho YD, Yoo DH, Lee J, Kang HS, Cho WS, Kim JE, Zhang L, Han MH. Growth of Asymptomatic Intracranial Fusiform Aneurysms : Incidence and Risk Factors. *Clin Neuroradiol*. 2018 May 18. doi: 10.1007/s00062-018-0695-z. [Epub ahead of print] PubMed PMID: 29777291.
- 84: Kim KH, Kang SJ, Choi JW, Kong DS, Seol HJ, Nam DH, Lee JI. Clinical and radiological outcomes of proactive Gamma Knife surgery for asymptomatic meningiomas compared with the natural course without intervention. *J Neurosurg*. 2018 May 18:1-10. doi: 10.3171/2017.12.JNS171943. [Epub ahead of print] PubMed PMID: 29775154.
- 85: Kong DS, Hong CK, Hong SD, Nam DH, Lee JI, Seol HJ, Oh J, Kim DG, Kim YH. Selection of endoscopic or transcranial surgery for tuberculum sellae meningiomas according to specific anatomical features: a retrospective multicenter analysis (KOSEN-002). *J Neurosurg*. 2018 May 18:1-10. doi: 10.3171/2017.11.JNS171337. [Epub ahead of print] PubMed PMID: 29775151.
- 86: Heo I, Hwang MS, Hwang EH, Cho JH, Ha IH, Shin KM, Lee JH, Kim NK, Son DW, Shin BC. Electroacupuncture as a complement to usual care for patients with non-acute low back pain after back surgery: a pilot randomised controlled trial. *BMJ Open*. 2018 May 17;8(5):e018464. doi: 10.1136/bmjopen-2017-018464. PubMed PMID: 29773696; PubMed Central PMCID: PMC5961607.
- 87: Hyun SJ, Han S, Yongjung J Kim. Corrigendum to 'In Reply to "Defining the Pros and Cons of AIS Surgery: Bringing Truth to the Neurosurgery Community and the Public"' [World Neurosurgery 113 (2018) 395]. *World Neurosurg*. 2018 Jul;115:513. doi: 10.1016/j.wneu.2018.05.002. PubMed PMID: 29773335.
- 88: Kim SE, Hong EP, Kim HC, Lee SU, Jeon JP. Ultrasonographic optic nerve sheath diameter to detect

- increased intracranial pressure in adults: a meta-analysis. *Acta Radiol.* 2018 Jan 1;284185118776501. doi: 10.1177/0284185118776501. [Epub ahead of print] PubMed PMID: 29768927.
- 89: Kim SY, Im HW, Choi YD, Kim K, Kim JW, Kim YH, Seo HG. Intraoperative Monitoring of Hypoglossal Nerve Using Hypoglossal Motor Evoked Potential in Infratentorial Tumor Surgery: A Report of Two Cases. *Ann Rehabil Med.* 2018 Apr;42(2):352-357. doi: 10.5535/arm.2018.42.2.352. Epub 2018 Apr 30. PubMed PMID: 29765890; PubMed Central PMCID: PMC5940613.
- 90: Jung YH, Shin JE, Lee YI, Jang JH, Jo HJ, Choi SH. Altered Amygdala Resting-State Functional Connectivity and Hemispheric Asymmetry in Patients With Social Anxiety Disorder. *Front Psychiatry.* 2018 Apr 26;9:164. doi: 10.3389/fpsy.2018.00164. eCollection 2018. PubMed PMID: 29755374; PubMed Central PMCID: PMC5932339.
- 91: Jung HY, Cho SB, Kim W, Yoo DY, Won MH, Choi GM, Cho TG, Kim DW, Hwang IK, Choi SY, Moon SM. Phosphatidylethanolamine-binding protein 1 protects CA1 neurons against ischemic damage via ERK-CREB signaling in Mongolian gerbils. *Neurochem Int.* 2018 Sep;118:265-274. doi: 10.1016/j.neuint.2018.05.005. PubMed PMID: 29753754.
- 92: Waszak SM, Northcott PA, Buchhalter I, Robinson GW, Sutter C, Groebner S, Grund KB, Brugières L, Jones DTW, Pajtler KW, Morrissy AS, Kool M, Sturm D, Chavez L, Ernst A, Brabetz S, Hain M, Zichner T, Segura-Wang M, Weischenfeldt J, Rausch T, Mardin BR, Zhou X, Baciuc C, Lawerenz C, Chan JA, Varlet P, Guerrini-Rousseau L, Fuhs DW, Grajkowska W, Hauser P, Jabado N, Ra YS, Zitterbart K, Shringarpure SS, De La Vega FM, Bustamante CD, Ng HK, Perry A, MacDonald TJ, Hernáiz Driever P, Bendel AE, Bowers DC, McCowage G, Chintagumpala MM, Cohn R, Hassall T, Fleischhack G, Eggen T, Wesenberg F, Feychting M, Lannering B, Schüz J, Johansen C, Andersen TV, Rösli M, Kuehni CE, Grotzer M, Kjaerheim K, Monoranu CM, Archer TC, Duke E, Pomeroy SL, Shelagh R, Frank S, Sumerauer D, Scheurlen W, Ryzhova MV, Milde T, Kratz CP, Samuel D, Zhang J, Solomon DA, Marra M, Eils R, Bartram CR, von Hoff K, Rutkowski S, Ramaswamy V, Gilbertson RJ, Korshunov A, Taylor MD, Lichter P, Malkin D, Gajjar A, Korbel JO, Pfister SM. Spectrum and prevalence of genetic predisposition in medulloblastoma: a retrospective genetic study and prospective validation in a clinical trial cohort. *Lancet Oncol.* 2018 Jun;19(6):785-798. doi: 10.1016/S1470-2045(18)30242-0. Epub 2018 May 9. PubMed PMID: 29753700; PubMed Central PMCID: PMC5984248.
- 93: Kim CH, Chung CK, Lee U, Choi Y, Park SB, Jung JM, Hwang SH, Yang SH. Postoperative Changes in Moderate to Severe Nonspecific Low Back Pain After Cervical Myelopathy Surgery. *World Neurosurg.* 2018 Aug;116:e429-e435. doi: 10.1016/j.wneu.2018.04.224. Epub 2018 May 9. PubMed PMID: 29753081.
- 94: Kim JE, Lee JY, Lee SH. Single Mothers' Experiences with Pregnancy and Child Rearing in Korea: Discrepancy between Social Services/Policies and Single Mothers' Needs. *Int J Environ Res Public Health.* 2018 May 10;15(5). pii: E955. doi: 10.3390/ijerph15050955. PubMed PMID: 29748484; PubMed Central PMCID: PMC5981994.
- 95: Kim K, Cho C, Bang MS, Shin HI, Phi JH, Kim SK. Intraoperative Neurophysiological Monitoring : A Review of Techniques Used for Brain Tumor Surgery in Children. *J Korean Neurosurg Soc.* 2018 May;61(3):363-375. doi: 10.3340/jkns.2018.0078. Epub 2018 May 1. Review. PubMed PMID: 29742889; PubMed Central PMCID: PMC5957318.
- 96: Phi JH, Wang KC, Kim SK. Intracranial Germ Cell Tumor in the Molecular Era. *J Korean Neurosurg Soc.* 2018 May;61(3):333-342. doi: 10.3340/jkns.2018.0056. Epub 2018 May 1. Review. PubMed PMID: 29742886; PubMed Central PMCID: PMC5957323.

- 97: Lee C, Lee J, Choi SA, Kim SK, Wang KC, Park SH, Kim SH, Lee JY, Phi JH. M1 macrophage recruitment correlates with worse outcome in SHH Medulloblastomas. *BMC Cancer*. 2018 May 8;18(1):535. doi: 10.1186/s12885-018-4457-8. PubMed PMID: 29739450; PubMed Central PMCID: PMC5941618.
- 98: Lee J, Cho YD, Yoo DH, Kang HS, Cho WS, Kim JE, Moon J, Han MH. Correction to: Does stent type impact coil embolization outcomes in extended follow-up of small-sized aneurysms (< 10 mm)? *Neuroradiology*. 2018 Jul;60(7):757-758. doi: 10.1007/s00234-018-2030-4. PubMed PMID: 29737413.
- 99: Hwang K, Koh EJ, Choi EJ, Kang TH, Han JH, Choe G, Park SH, Yearley JH, Annamalai L, Blumenschein W, Sathe M, McClanahan T, Jung H, Wang KC, Kim SK, Kim CY. PD-1/PD-L1 and immune-related gene expression pattern in pediatric malignant brain tumors: clinical correlation with survival data in Korean population. *J Neurooncol*. 2018 Sep;139(2):281-291. doi: 10.1007/s11060-018-2886-5. Epub 2018 May 5. PubMed PMID: 29730815.
- 100: Kim SH, Shin HJ. Effects of an infratrochlear nerve block on reducing the oculocardiac reflex during strabismus surgery: a randomized controlled trial. *Graefes Arch Clin Exp Ophthalmol*. 2018 Sep;256(9):1777-1782. doi: 10.1007/s00417-018-4001-1. Epub 2018 May 5. PubMed PMID: 29730798.
- 101: Kang JH, Huh SK, Kim J, Park KY, Chung J. Subdural Fluid Collection After the Clipping of Unruptured Intracranial Aneurysms: Its Clinical Course and Significance. *World Neurosurg*. 2018 Aug;116:e266-e272. doi: 10.1016/j.wneu.2018.04.185. Epub 2018 May 3. PubMed PMID: 29730098.
- 102: Depreitere B, Ricciardi F, Arts M, Balabaud L, Buchowski JM, Bungler C, Chung CK, Coppes MH, Fehlings MG, Kawahara N, Lee CS, Leung Y, Martin-Benlloch JA, Massicotte EM, Mazel C, Meyer B, Oner FC, Peul W, Quraishi N, Tokuhashi Y, Tomita K, Ulbricht C, Verlaan JJ, Wang M, Crockard HA, Choi D. Loss of Local Tumor Control After Index Surgery for Spinal Metastases: A Prospective Cohort Study. *World Neurosurg*. 2018 Sep;117:e8-e16. doi: 10.1016/j.wneu.2018.04.170. Epub 2018 May 3. PubMed PMID: 29729472.
- 103: Moon BJ, Choi KH, Shin DA, Yi S, Kim KN, Yoon DH, Ha Y. Anatomical variations of vertebral artery and C2 isthmus in atlanto-axial fusion: Consecutive surgical 100 cases. *J Clin Neurosci*. 2018 Jul;53:147-152. doi: 10.1016/j.jocn.2018.04.058. Epub 2018 Apr 30. PubMed PMID: 29724649.
- 104: Paik EK, Kim MS, Seo YS, Jang WI, Kang JK, Cho CK, Yoo HJ. Feasibility of split-course stereotactic ablative radiotherapy for oligometastases. *Jpn J Clin Oncol*. 2018 Jun 1;48(6):548-554. doi: 10.1093/jjco/hyy062. PubMed PMID: 29722825; PubMed Central PMCID: PMC5974783.
- 105: Hong EK, Choi SH, Shin DJ, Jo SW, Yoo RE, Kang KM, Yun TJ, Kim JH, Sohn CH, Park SH, Won JK, Kim TM, Park CK, Kim IH, Lee ST. Radiogenomics correlation between MR imaging features and major genetic profiles in glioblastoma. *Eur Radiol*. 2018 Oct;28(10):4350-4361. doi: 10.1007/s00330-018-5400-8. Epub 2018 May 2. PubMed PMID: 29721688.
- 106: Jang JH, Ko YS, Hong EK, Gwak HS. Extensive Pituitary Apoplexy after Chemotherapy in a Patient with Metastatic Breast Cancer. *Brain Tumor Res Treat*. 2018 Apr;6(1):43-46. doi: 10.14791/btrt.2018.6.e7. PubMed PMID: 29717570; PubMed Central PMCID: PMC5932299.
- 107: Lee S, Yun TJ, Yoo RE, Yoon BW, Kang KM, Choi SH, Kim JH, Kim JE, Sohn CH, Han MH. Monitoring Cerebral Perfusion Changes after Revascularization in Patients with Moyamoya Disease by Using Arterial Spin-labeling MR Imaging. *Radiology*. 2018 Aug;288(2):565-572. doi: 10.1148/radiol.2018170509. Epub 2018 May 1. PubMed PMID: 29714677.
- 108: Seo Y, Kim YH, Dho YS, Kim JH, Kim JW, Park CK, Kim DG. The Outcomes of Pituitary Apoplexy

- with Conservative Treatment: Experiences at a Single Institution. *World Neurosurg.* 2018 Jul;115:e703-e710. doi: 10.1016/j.wneu.2018.04.139. Epub 2018 Apr 27. PubMed PMID: 29709755.
- 109: Hyun SJ, Han S, Kim YJ. In Reply to "Defining the Pros and Cons of AIS Surgery: Bringing Truth to the Neurosurgery Community and the Public". *World Neurosurg.* 2018 May;113:395. doi: 10.1016/j.wneu.2018.02.149. Erratum in: *World Neurosurg.* 2018 May 14;:. PubMed PMID: 29702961.
- 110: Park BJ, Kim KM, Lee WJ, Chun IK, Kim I, Lee SJ, Kim S. Clinical Significance of the Circle of Willis in Patients with Symptomatic Internal Carotid Artery Occlusion. *World Neurosurg.* 2018 Jul;115:e585-e591. doi: 10.1016/j.wneu.2018.04.104. Epub 2018 Apr 24. PubMed PMID: 29702309.
- 111: Ko WK, Kim SJ, Jo MJ, Choi H, Lee D, Kwon IK, Lee SH, Han IB, Sohn S. Ursodeoxycholic Acid Inhibits Inflammatory Responses and Promotes Functional Recovery After Spinal Cord Injury in Rats. *Mol Neurobiol.* 2018 Mar 20. doi: 10.1007/s12035-018-0994-z. [Epub ahead of print] PubMed PMID: 29691718.
- 112: Lee SU, Hong EP, Kim BJ, Kim SE, Jeon JP. Delayed Cerebral Ischemia and Vasospasm After Spontaneous Angiogram-Negative Subarachnoid Hemorrhage: An Updated Meta-Analysis. *World Neurosurg.* 2018 Jul;115:e558-e569. doi: 10.1016/j.wneu.2018.04.096. Epub 2018 Apr 22. PubMed PMID: 29689403.
- 113: Lee U, Kim CH, Chung CK, Choi Y, Yang SH, Park SB, Hwang SH, Jung JM, Kim KT. The Recovery of Motor Strength after Posterior Percutaneous Endoscopic Cervical Foraminotomy and Discectomy. *World Neurosurg.* 2018 Jul;115:e532-e538. doi: 10.1016/j.wneu.2018.04.090. Epub 2018 Apr 22. PubMed PMID: 29689395.
- 114: Kim Y, Yoo JY, Lee TJ, Liu J, Yu J, Caligiuri MA, Kaur B, Friedman A. Complex role of NK cells in regulation of oncolytic virus-bortezomib therapy. *Proc Natl Acad Sci U S A.* 2018 May 8;115(19):4927-4932. doi: 10.1073/pnas.1715295115. Epub 2018 Apr 23. PubMed PMID: 29686060; PubMed Central PMCID: PMC5948955.
- 115: Yoo DH, Roh HG, Choi SS, Moon J, Lee J, Cho YD, Han MH, Jung KH, Yoon BW, Kang HS. Staged carotid artery stenting in patients with severe carotid stenosis: Multicenter experience. *J Clin Neurosci.* 2018 Jul;53:74-78. doi: 10.1016/j.jocn.2018.04.007. Epub 2018 Apr 21. PubMed PMID: 29685407.
- 116: Lee J, Cho YD, Yoo DH, Kang HS, Cho WS, Kim JE, Moon J, Han MH. Does stent type impact coil embolization outcomes in extended follow-up of small-sized aneurysms (< 10 mm)? *Neuroradiology.* 2018 Jul;60(7):747-756. doi: 10.1007/s00234-018-2022-4. Epub 2018 Apr 20. Erratum in: *Neuroradiology.* 2018 May 7;:. PubMed PMID: 29675589.
- 117: Tran Q, Jung JH, Park J, Lee H, Hong Y, Cho H, Kim M, Park S, Kwon SH, Kim SH, Thomas G, Kim KP, Cho MH, Park J. S6 kinase 1 plays a key role in mitochondrial morphology and cellular energy flow. *Cell Signal.* 2018 Aug;48:13-24. doi: 10.1016/j.cellsig.2018.04.002. Epub 2018 Apr 17. PubMed PMID: 29673648.
- 118: Lee CH, Chung CK, Kim CH, Kwon JW. Health Care Burden of Spinal Diseases in the Republic of Korea: Analysis of a Nationwide Database From 2012 Through 2016. *Neurospine.* 2018 Mar;15(1):66-76. doi: 10.14245/ns.1836038.019. Epub 2018 Mar 28. PubMed PMID: 29656624; PubMed Central PMCID: PMC5944630.
- 119: Jin J, Joo JD, Han JH, Yang HK, Hwang JM, Kim YJ, Kim IA, Kim CY. Optic Nerve Sheath Meningioma:

Preliminary Analysis of the Role of Radiation Therapy. *Brain Tumor Res Treat*. 2018 Apr;6(1):8-12. doi: 10.14791/btrt.2018.6.e2. Epub 2018 Apr 2. PubMed PMID: 29644809; PubMed Central PMCID: PMC5932300.

120: Phi JH, Park AK, Lee S, Choi SA, Baek IP, Kim P, Kim EH, Park HC, Kim BC, Bhak J, Park SH, Lee JY, Wang KC, Kim DS, Shim KW, Kim SH, Kim CY, Kim SK. Genomic analysis reveals secondary glioblastoma after radiotherapy in a subset of recurrent medulloblastomas. *Acta Neuropathol*. 2018 Jun;135(6):939-953. doi: 10.1007/s00401-018-1845-8. Epub 2018 Apr 11. PubMed PMID: 29644394.

121: Kim T, Oh CW, Park HS, Lee K, Lee WK, Lee H. Requirements for Cerebrovascular Surgery in Comprehensive Stroke Centers in South Korea. *J Korean Neurosurg Soc*. 2018 Jul;61(4):478-484. doi: 10.3340/jkns.2017.0227. Epub 2018 Apr 10. PubMed PMID: 29631389; PubMed Central PMCID: PMC6046569.

122: Cho YD, Kim SE, Lim JW, Choi HJ, Cho YJ, Jeon JP. Protected versus Unprotected Carotid Artery Stenting : Meta-Analysis of the Current Literature. *J Korean Neurosurg Soc*. 2018 Jul;61(4):458-466. doi: 10.3340/jkns.2017.0202.001. Epub 2018 Apr 10. PubMed PMID: 29631386; PubMed Central PMCID: PMC6046577.

123: Park SB, Kim KJ, Han S, Oh S, Kim CH, Chung CK. Instrumentation Failure after Partial Corpectomy with Instrumentation of a Metastatic Spine. *J Korean Neurosurg Soc*. 2018 May;61(3):415-423. doi: 10.3340/jkns.2017.0505.002. Epub 2018 Apr 10. PubMed PMID: 29631384; PubMed Central PMCID: PMC5957313.

124: Boers AMM, Jansen IGH, Beenen LFM, Devlin TG, San Roman L, Heo JH, Ribó M, Brown S, Almekhlafi MA, Liebeskind DS, Teitelbaum J, Lingsma HF, van Zwam WH, Cuadras P, du Mesnil de Rochemont R, Beaumont M, Brown MM, Yoo AJ, van Oostenbrugge RJ, Menon BK, Donnan GA, Mas JL, Roos YBWEM, Oppenheim C, van der Lugt A, Dowling RJ, Hill MD, Davalos A, Moulin T, Agrinier N, Demchuk AM, Lopes DK, Aja Rodríguez L, Dippel DWJ, Campbell BCV, Mitchell PJ, Al-Ajlan FS, Jovin TG, Madigan J, Albers GW, Soize S, Guillemin F, Reddy VK, Bracard S, Blasco J, Muir KW, Nogueira RG, White PM, Goyal M, Davis SM, Marquering HA, Majoie CBLM. Association of follow-up infarct volume with functional outcome in acute ischemic stroke: a pooled analysis of seven randomized trials. *J Neurointerv Surg*. 2018 Apr 7. pii: neurintsurg-2017-013724. doi: 10.1136/neurintsurg-2017-013724. [Epub ahead of print] PubMed PMID: 29627794.

125: Lee JY, Park SH, Chong S, Phi JH, Kim SK, Cho BK, Wang KC. Congenital Dermal Sinus and Limited Dorsal Myeloschisis: "Spectrum Disorders" of Incomplete Dysjunction Between Cutaneous and Neural Ectoderms. *Neurosurgery*. 2018 Mar 29. doi: 10.1093/neuros/nyy058. [Epub ahead of print] PubMed PMID: 29618070.

126: Lee JY, Park SH, Chong S, Phi JH, Kim SK, Cho BK, Wang KC. Congenital Dermal Sinus and Limited Dorsal Myeloschisis: "Spectrum Disorders" of Incomplete Dysjunction Between Cutaneous and Neural Ectoderms. *Neurosurgery*. 2018 Mar 29. doi: 10.1093/neuros/nyx058. [Epub ahead of print] PubMed PMID: 29617906.

127: Hyun SJ, Han S, Kim KJ, Jahng TA, Kim HJ. Assessment of T1 Slope Minus Cervical Lordosis and C2-7 Sagittal Vertical Axis Criteria of a Cervical Spine Deformity Classification System Using Long-Term Follow-up Data After Multilevel Posterior Cervical Fusion Surgery. *Oper Neurosurg (Hagerstown)*. 2018 Mar 29. doi: 10.1093/ons/opy055. [Epub ahead of print] PubMed PMID: 29617850.

128: Kang S, Lee JM, Jeon B, Elkamhawy A, Paik S, Hong J, Oh SJ, Paek SH, Lee CJ, Hassan AHE, Kang SS, Roh EJ. Repositioning of the antipsychotic trifluoperazine: Synthesis, biological evaluation and in

- silico study of trifluoperazine analogs as anti-glioblastoma agents. *Eur J Med Chem.* 2018 May 10;151:186-198. doi: 10.1016/j.ejmech.2018.03.055. Epub 2018 Mar 23. PubMed PMID: 29614416.
- 129: Choi HH, Cho YD, Han MH, Cho WS, Kim JE, Lee JJ, An SJ, Mun JH, Yoo DH, Kang HS. Antiplatelet Premedication-Free Stent-Assisted Coil Embolization in Acutely Ruptured Aneurysms. *World Neurosurg.* 2018 Jun;114:e1152-e1160. doi: 10.1016/j.wneu.2018.03.164. Epub 2018 Mar 31. PubMed PMID: 29614363.
- 130: Cho WS, Cho KI, Kim JE, Jang TS, Ha EJ, Kang HS, Son YJ, Choi SH, Lee S, Kim CC, Sun JY, Kim HE. Zirconia-Polyurethane Aneurysm Clip. *World Neurosurg.* 2018 Jul;115:14-23. doi: 10.1016/j.wneu.2018.03.130. Epub 2018 Mar 27. PubMed PMID: 29602010.
- 131: Sim J, Nam DH, Kim Y, Lee IH, Choi JW, Sa JK, Suh YL. Comparison of 1p and 19q status of glioblastoma by whole exome sequencing, array-comparative genomic hybridization, and fluorescence in situ hybridization. *Med Oncol.* 2018 Mar 29;35(5):60. doi: 10.1007/s12032-018-1119-2. PubMed PMID: 29600313.
- 132: Chang Y, Kim BM, Bang OY, Baek JH, Heo JH, Nam HS, Kim YD, Yoo J, Kim DJ, Jeon P, Baik SK, Suh SH, Lee KY, Kwak HS, Roh HG, Lee YJ, Kim SH, Ryu CW, Ihn YK, Kim B, Jeon HJ, Kim JW, Byun JS, Suh S, Park JJ, Lee WJ, Roh J, Shin BS, Kim JM. Rescue Stenting for Failed Mechanical Thrombectomy in Acute Ischemic Stroke: A Multicenter Experience. *Stroke.* 2018 Apr;49(4):958-964. doi: 10.1161/STROKEAHA.117.020072. Epub 2018 Mar 16. PubMed PMID: 29581342.
- 133: Sohn S, Park TH, Chung CK, Kim YJ, Jang JW, Han IB, Lee SJ. Biomechanical characterization of three iliac screw fixation techniques: A finite element study. *J Clin Neurosci.* 2018 Jun;52:109-114. doi: 10.1016/j.jocn.2018.03.002. Epub 2018 Mar 23. PubMed PMID: 29580745.
- 134: Koo T, Lim DH, Seol HJ, Park CK, Kim IH, Chang JH, Lee J, Jung S, Gwak HS, Cho KH, Hong CK, Lee IJ, Kim E, Kim JH, Hong YK, Jang HS, Kim CY, Kim IA, Kim SH, Kim YI, Kim EY, Kim WC, Hong S. Multi-institutional study of treatment patterns in Korean patients with WHO grade II gliomas: KNOG 15-02 and KROG 16-04 intergroup study. *J Neurooncol.* 2018 Jul;138(3):667-677. doi: 10.1007/s11060-018-2839-z. Epub 2018 Mar 23. PubMed PMID: 29572674.
- 135: Lee DH, Choi YJ, Han IB, Hong JB, Do Han K, Choi JM, Sohn S. Correction to: Association of ischemic stroke with ankylosing spondylitis: a nationwide longitudinal cohort study. *Acta Neurochir (Wien).* 2018 May;160(5):957-958. doi: 10.1007/s00701-018-3518-8. PubMed PMID: 29572655.
- 136: Ban SP, Hwang G, Kim CH, Byoun HS, Lee SU, Kim T, Bang JS, Oh CW, Kwon OK. Risk factor analysis of recanalization and retreatment for patients with endovascular treatment of internal carotid artery bifurcation aneurysms. *Neuroradiology.* 2018 May;60(5):535-544. doi: 10.1007/s00234-018-2013-5. Epub 2018 Mar 23. PubMed PMID: 29572603.
- 137: Wright E, Ricciardi F, Arts M, Buchowski JM, Chung CK, Coppes M, Crockard A, Depreitere B, Fehlings M, Kawahara N, Lee CS, Leung Y, Martin-Benlloch A, Massicotte E, Mazel C, Oner C, Peul W, Quraishi N, Tokuhashi Y, Tomita K, Ulbricht C, Verlaan JJ, Wang M, Choi D. Metastatic Spine Tumor Epidemiology: Comparison of Trends in Surgery Across Two Decades and Three Continents. *World Neurosurg.* 2018 Jun;114:e809-e817. doi: 10.1016/j.wneu.2018.03.091. Epub 2018 Mar 20. PubMed PMID: 29572177.
- 138: Hong YJ, Kim MJ, Jeong E, Kim JE, Hwang J, Lee JI, Lee JH, Na DL. Preoperative biomarkers in patients with idiopathic normal pressure hydrocephalus showing a favorable shunt surgery outcome. *J Neurol Sci.* 2018 Apr 15;387:21-26. doi: 10.1016/j.jns.2018.01.017. Epub 2018 Jan 16. PubMed PMID:

29571865.

139: Yoo KC, Suh Y, An Y, Lee HJ, Jeong YJ, Uddin N, Cui YH, Roh TH, Shim JK, Chang JH, Park JB, Kim MJ, Kim IG, Kang SG, Lee SJ. Proinvasive extracellular matrix remodeling in tumor microenvironment in response to radiation. *Oncogene*. 2018 Jun;37(24):3317-3328. doi: 10.1038/s41388-018-0199-y. Epub 2018 Mar 21. PubMed PMID: 29559744.

140: Dho YS, Kim H, Wang KC, Kim SK, Lee JY, Shin HY, Park KD, Kang HJ, Kim IH, Park SH, Phi JH. Pediatric Spinal Epidural Lymphoma Presenting with Compressive Myelopathy: A Distinct Pattern of Disease Presentation. *World Neurosurg*. 2018 Jun;114:e689-e697. doi: 10.1016/j.wneu.2018.03.059. Epub 2018 Mar 15. PubMed PMID: 29550599.

141: Vanneste S, Song JJ, De Ridder D. Thalamocortical dysrhythmia detected by machine learning. *Nat Commun*. 2018 Mar 16;9(1):1103. doi: 10.1038/s41467-018-02820-0. PubMed PMID: 29549239; PubMed Central PMCID: PMC5856824.

142: Seo Y, Kim DG, Dho YS, Kim JW, Kim YH, Park CK, Chung HT, Paek SH. A Retrospective Analysis of the Outcomes of Dural Arteriovenous Fistulas Treated with Gamma Knife Radiosurgery: A Single-Institution Experience. *Stereotact Funct Neurosurg*. 2018;96(1):46-53. doi: 10.1159/000486685. Epub 2018 Mar 14. PubMed PMID: 29539606.

143: Seo Y, Kim DG, Kim JW, Han JH, Chung HT, Paek SH. Long-Term Outcomes After Gamma Knife Radiosurgery for Benign Meningioma: A Single Institution's Experience With 424 Patients. *Neurosurgery*. 2018 Mar 12. doi: 10.1093/neuros/nyx585. [Epub ahead of print] PubMed PMID: 29538718.

144: Cho SH, Lee JY, Ryu KH, Suh DC. Diagnosis of Cerebral Aneurysm Via Magnetic Resonance Angiography Screening: Emphasis on Legal Responsibility Increases False Positive Rate. *Neurointervention*. 2018 Mar;13(1):48-53. doi: 10.5469/neuroint.2018.13.1.48. Epub 2018 Mar 2. PubMed PMID: 29535898; PubMed Central PMCID: PMC5847890.

145: Jin P, Shin SH, Chun YS, Shin HW, Shin YJ, Lee Y, Kim D, Nam DH, Park JW. Astrocyte-derived CCL20 reinforces HIF-1-mediated hypoxic responses in glioblastoma by stimulating the CCR6-NF- κ B signaling pathway. *Oncogene*. 2018 Jun;37(23):3070-3087. doi: 10.1038/s41388-018-0182-7. Epub 2018 Mar 14. PubMed PMID: 29535421.

146: Lee J, Lim JW, Cho YD. Follow-Up Outcomes After Re-Embolization for Recanalized Aneurysms After Initial Coiling: Further Recurrence Rates and Related Risk Factors. *World Neurosurg*. 2018 Jun;114:e508-e517. doi: 10.1016/j.wneu.2018.03.017. Epub 2018 Mar 10. PubMed PMID: 29530696.

147: Lee BH, Hyun SJ, Kim KJ, Jahng TA, Kim YJ, Kim HJ. Clinical and Radiological Outcomes of Posterior Vertebral Column Resection for Severe Spinal Deformities. *J Korean Neurosurg Soc*. 2018 Mar;61(2):251-257. doi: 10.3340/jkns.2017.0181. Epub 2018 Feb 28. PubMed PMID: 29526069; PubMed Central PMCID: PMC5853197.

148: Yuh WT, Chung CK, Park SH, Kim KJ, Lee SH, Kim KT. Spinal Cord Subependymoma Surgery : A Multi-Institutional Experience. *J Korean Neurosurg Soc*. 2018 Mar;61(2):233-242. doi: 10.3340/jkns.2017.0405.001. Epub 2018 Feb 28. PubMed PMID: 29526067; PubMed Central PMCID: PMC5853201.

149: Kim T, Kwon OK, Lee H, Cho MJ, Jeong HJ, Ban SP. Nationwide Mortality Data after Flow-Diverting Stent Implantation in Korea. *J Korean Neurosurg Soc*. 2018 Mar;61(2):219-223. doi: 10.3340/jkns.2017.0218. Epub 2018 Feb 28. PubMed PMID: 29526065; PubMed Central PMCID:

PMC5853200.

150: Makhni MC, Shillingford JN, Laratta JL, Hyun SJ, Kim YJ. Restoration of Sagittal Balance in Spinal Deformity Surgery. *J Korean Neurosurg Soc.* 2018 Mar;61(2):167-179. doi: 10.3340/jkns.2017.0404.013. Epub 2018 Feb 28. Review. PubMed PMID: 29526059; PubMed Central PMCID: PMC5853192.

151: Cho WS, Kim JE, Park SQ, Ko JK, Kim DW, Park JC, Yeon JY, Chung SY, Chung J, Joo SP, Hwang G, Kim DY, Chang WH, Choi KS, Lee SH, Sheen SH, Kang HS, Kim BM, Bae HJ, Oh CW, Park HS; Quality Control Committees from the Korean Society of Cerebrovascular Surgeons; Society of Korean Endovascular Neurosurgeons; Korean Society of Interventional Neuroradiology; Korean Stroke Society and Korean Academy of Rehabilitation Medicine. Korean Clinical Practice Guidelines for Aneurysmal Subarachnoid Hemorrhage. *J Korean Neurosurg Soc.* 2018 Mar;61(2):127-166. doi: 10.3340/jkns.2017.0404.005. Epub 2018 Feb 28. Review. PubMed PMID: 29526058; PubMed Central PMCID: PMC5853198.

152: Son W, Kang DH, Kim BM, Park J, Kim YS. Retrograde Snare-Assisted Rescue via Anterior Communicating Artery for Lost Access During Multiple Overlapping Pipeline Embolization Device Placement. *World Neurosurg.* 2018 Jun;114:4-7. doi: 10.1016/j.wneu.2018.02.150. Epub 2018 Mar 7. PubMed PMID: 29524711.

153: Kim KH, Kim YH, Dho YS, Kim JH, Hong SD, Choi JW, Seol HJ, Nam DH, Lee JI, Park CK, Kong DS. Is Low-Lying Optic Chiasm an Obstacle to an Endoscopic Endonasal Approach for Retrochiasmatic Craniopharyngiomas? (Korean Society of Endoscopic Neurosurgery -003). *World Neurosurg.* 2018 Jun;114:e306-e316. doi: 10.1016/j.wneu.2018.02.178. Epub 2018 Mar 7. PubMed PMID: 29524705.

154: Rhim JK, Cho YD, Yoo DH, Kang HS, Cho WS, Kim JE, Cho MJ, Hwang G, Kwon OK, Han MH. Endovascular Treatment of Bilateral Cavernous Sinus Dural Arteriovenous Fistula: Therapeutic Strategy and Follow-Up Outcomes. *Korean J Radiol.* 2018 Mar-Apr;19(2):334-341. doi: 10.3348/kjr.2018.19.2.334. Epub 2018 Feb 22. PubMed PMID: 29520192; PubMed Central PMCID: PMC5840063.

155: Lee GY, Lee JW, Yeom JS, Kim KJ, Shin HI, Kang HS. The Incidence of Various Types of Systemic Reactions Related to Epidural Steroid Injections: A Prospective Observational Study. *Korean J Radiol.* 2018 Mar-Apr;19(2):301-310. doi: 10.3348/kjr.2018.19.2.301. Epub 2018 Feb 22. PubMed PMID: 29520188; PubMed Central PMCID: PMC5840059.

156: Kim BM, Baek JH, Heo JH, Nam HS, Kim YD, Yoo J, Kim DJ, Jeon P, Baik SK, Suh SH, Lee KY, Kwak HS, Roh HG, Lee YJ, Kim SH, Ryu CW, Ihn YK, Kim B, Jeon HJ, Kim JW, Byun JS, Suh S, Park JJ, Lee WJ, Roh J, Shin BS, Bang OY. Collateral status affects the onset-to-reperfusion time window for good outcome. *J Neurol Neurosurg Psychiatry.* 2018 Sep;89(9):903-909. doi: 10.1136/jnnp-2017-317627. Epub 2018 Mar 8. PubMed PMID: 29519900.

157: Ban SP, Kwon OK, Lee SU, Bang JS, Oh CW, Jeong HJ, Cho MJ, Jeong EA, Kim T. Long-Term Outcomes of Patients with Stent Tips Embedded into Internal Carotid Artery Branches during Aneurysm Coiling. *AJNR Am J Neuroradiol.* 2018 May;39(5):864-868. doi: 10.3174/ajnr.A5583. Epub 2018 Mar 8. PubMed PMID: 29519788.

158: Park SC, Chung CK. Postoperative seizure outcome-guided machine learning for interictal electrocorticography in neocortical epilepsy. *J Neurophysiol.* 2018 Jun 1;119(6):2265-2275. doi: 10.1152/jn.00225.2017. Epub 2018 Mar 7. PubMed PMID: 29513147.

- 159: Kim S, Kim D, Kim SH, Park MA, Chang JH, Yun M. The roles of (11)C-acetate PET/CT in predicting tumor differentiation and survival in patients with cerebral glioma. *Eur J Nucl Med Mol Imaging*. 2018 Jun;45(6):1012-1020. doi: 10.1007/s00259-018-3948-9. Epub 2018 Mar 6. PubMed PMID: 29511838.
- 160: Hwang MH, Son HG, Lee JW, Yoo CM, Shin JH, Nam HG, Lim HJ, Baek SM, Park JH, Kim JH, Choi H. Phototherapy suppresses inflammation in human nucleus pulposus cells for intervertebral disc degeneration. *Lasers Med Sci*. 2018 Jul;33(5):1055-1064. doi: 10.1007/s10103-018-2470-4. Epub 2018 Mar 3. PubMed PMID: 29502159.
- 161: Chung HT, Kim JH, Kim JW, Paek SH, Kim DG, Chun KJ, Kim TH, Kim YK. Assessment of image co-registration accuracy for frameless gamma knife surgery. *PLoS One*. 2018 Mar 2;13(3):e0193809. doi: 10.1371/journal.pone.0193809. eCollection 2018. PubMed PMID: 29499061; PubMed Central PMCID: PMC5834193.
- 162: Lee JY, Park JH, Jeon HJ, Yoon DY, Park SW, Cho BM. Transcervical access via direct neck exposure for neurointerventional procedures in the hybrid angiosuite. *Neuroradiology*. 2018 May;60(5):565-573. doi: 10.1007/s00234-018-1994-4. Epub 2018 Mar 1. PubMed PMID: 29497785.
- 163: Karm MH, Lee S, Yoon SH, Lee S, Koh W. A case report: the use of ultrasound guided peripheral nerve block during above knee amputation in a severely cardiovascular compromised patient who required continuous anticoagulation. *Medicine (Baltimore)*. 2018 Mar;97(9):e9374. doi: 10.1097/MD.00000000000009374. PubMed PMID: 29489674; PubMed Central PMCID: PMC5851712.
- 164: Kim SK, Lee SC, Park SW. Trans-sacral epiduroscopic laser decompression versus the microscopic open interlaminar approach for L5-S1 disc herniation. *J Spinal Cord Med*. 2018 Feb 28;1-11. doi: 10.1080/10790268.2018.1442285. [Epub ahead of print] PubMed PMID: 29488861.
- 165: Song JJ, Kim K, Sunwoo W, Mertens G, de Heyning PV, Ridder D, Vanneste S, Lee SY, Park KJ, Choi H, Choi JW. Corrigendum: A Quantitative Electroencephalography Study on Cochlear Implant-Induced Cortical Changes in Single-Sided Deafness with Tinnitus. *Front Hum Neurosci*. 2018 Feb 20;12:46. doi: 10.3389/fnhum.2018.00046. eCollection 2018. PubMed PMID: 29487513; PubMed Central PMCID: PMC5826261.
- 166: Jeon SI, Hyun SJ, Han S, Lee BH, Kim KJ, Jahng TA, Kim HJ. Relationship Between Cervical Sagittal Alignment and Patient Outcomes After Anterior Cervical Fusion Surgery Involving 3 or More Levels. *World Neurosurg*. 2018 May;113:e548-e554. doi: 10.1016/j.wneu.2018.02.088. Epub 2018 Feb 21. PubMed PMID: 29476994.
- 167: Yoo RE, Yun TJ, Yoo DH, Cho YD, Kang HS, Yoon BW, Jung KH, Kang KM, Choi SH, Kim JH, Sohn CH. Monitoring cerebral blood flow change through use of arterial spin labelling in acute ischaemic stroke patients after intra-arterial thrombectomy. *Eur Radiol*. 2018 Aug;28(8):3276-3284. doi: 10.1007/s00330-018-5319-0. Epub 2018 Feb 23. PubMed PMID: 29476217.
- 168: Lee DH, Choi YJ, Han IB, Hong JB, Do Han K, Choi JM, Sohn S. Association of ischemic stroke with ankylosing spondylitis: a nationwide longitudinal cohort study. *Acta Neurochir (Wien)*. 2018 May;160(5):949-955. doi: 10.1007/s00701-018-3499-7. Epub 2018 Feb 22. Erratum in: *Acta Neurochir (Wien)*. 2018 Mar 24;.. PubMed PMID: 29470721.
- 169: Kwon HB, Park YS, Han JS. Augmented reality in dentistry: a current perspective. *Acta Odontol Scand*. 2018 Feb 21:1-7. doi: 10.1080/00016357.2018.1441437. [Epub ahead of print] PubMed PMID: 29465283.
- 170: Kong DS, Kim J, Ryu G, You HJ, Sung JK, Han YH, Shin HM, Lee IH, Kim ST, Park CK, Choi SH, Choi

JW, Seol HJ, Lee JI, Nam DH. Quantitative radiomic profiling of glioblastoma represents transcriptomic expression. *Oncotarget*. 2018 Jan 5;9(5):6336-6345. doi: 10.18632/oncotarget.23975. eCollection 2018 Jan 19. PubMed PMID: 29464076; PubMed Central PMCID: PMC5814216.

171: Teoh AYB, Dhir V, Kida M, Yasuda I, Jin ZD, Seo DW, Almadi M, Ang TL, Hara K, Hilmi I, Itoi T, Lakhtakia S, Matsuda K, Pausawasdi N, Puri R, Tang RS, Wang HP, Yang AM, Hawes R, Varadarajulu S, Yasuda K, Ho LKY. Consensus guidelines on the optimal management in interventional EUS procedures: results from the Asian EUS group RAND/UCLA expert panel. *Gut*. 2018 Jul;67(7):1209-1228. doi: 10.1136/gutjnl-2017-314341. Epub 2018 Feb 20. PubMed PMID: 29463614.

172: Kim KS, Wee CW, Seok JY, Hong JW, Chung JB, Eom KY, Kim JS, Kim CY, Park YH, Kim YJ, Kim IA. Hippocampus-sparing radiotherapy using volumetric modulated arc therapy (VMAT) to the primary brain tumor: the result of dosimetric study and neurocognitive function assessment. *Radiat Oncol*. 2018 Feb 20;13(1):29. doi: 10.1186/s13014-018-0975-4. PubMed PMID: 29463267; PubMed Central PMCID: PMC5819694.

173: Lee CK, Choi SK, Shin DA, Yi S, Kim KN, Kim I, Ha Y. Parkinson's disease and the risk of osteoporotic vertebral compression fracture: a nationwide population-based study. *Osteoporos Int*. 2018 May;29(5):1117-1124. doi: 10.1007/s00198-018-4409-9. Epub 2018 Feb 19. PubMed PMID: 29460103.

174: Hwang YS, Shin JH, Yang JP, Jung BK, Lee SH, Shin EH. Characteristics of Infection Immunity Regulated by *Toxoplasma gondii* to Maintain Chronic Infection in the Brain. *Front Immunol*. 2018 Feb 5;9:158. doi: 10.3389/fimmu.2018.00158. eCollection 2018. PubMed PMID: 29459868; PubMed Central PMCID: PMC5807351.

175: Jeong WJ, Bang JS, Yum KS, Lee S, Chung I, Kwon OK, Oh CW, Kim BJ, Bae HJ, Han MK. Radiologic Measurement of Brain Swelling in Patients with Large Hemispheric Infarctions During Targeted Temperature Management. *Ther Hypothermia Temp Manag*. 2018 Sep;8(3):136-142. doi: 10.1089/ther.2017.0045. Epub 2018 Feb 15. PubMed PMID: 29447082.

176: Kim IK, Kim K, Lee E, Oh DS, Park CS, Park S, Yang JM, Kim JH, Kim HS, Shima DT, Kim JH, Hong SH, Cho YH, Kim YH, Park JB, Koh GY, Ju YS, Lee HK, Lee S, Kim I. Sox7 promotes high-grade glioma by increasing VEGFR2-mediated vascular abnormality. *J Exp Med*. 2018 Mar 5;215(3):963-983. doi: 10.1084/jem.20170123. Epub 2018 Feb 14. PubMed PMID: 29444818; PubMed Central PMCID: PMC5839752.

177: Rim CH, Lee J, Kim WC, Yang D, Yoon WS, Koom WS, Kim CY. A Survey of Radiation Therapy Utilization in Korea from 2010 to 2016: Focusing on Use of Intensity-Modulated Radiation Therapy. *J Korean Med Sci*. 2018 Feb 26;33(9):e67. doi: 10.3346/jkms.2018.33.e67. PubMed PMID: 29441739; PubMed Central PMCID: PMC5811661.

178: Ko SB. Perioperative stroke: pathophysiology and management. *Korean J Anesthesiol*. 2018 Feb;71(1):3-11. doi: 10.4097/kjae.2018.71.1.3. Epub 2018 Feb 1. Review. PubMed PMID: 29441169; PubMed Central PMCID: PMC5809704.

179: Lee J, Ahn SS, Chang JH, Suh CO. Hypofractionated Re-irradiation after Maximal Surgical Resection for Recurrent Glioblastoma: Therapeutic Adequacy and Its Prognosticators of Survival. *Yonsei Med J*. 2018 Mar;59(2):194-201. doi: 10.3349/ymj.2018.59.2.194. PubMed PMID: 29436186; PubMed Central PMCID: PMC5823820.

180: Lee HC, Lee WJ, Dho YS, Cho WS, Kim YH, Park HP. Optic nerve sheath diameter based on

preoperative brain computed tomography and intracranial pressure are positively correlated in adults with hydrocephalus. *Clin Neurol Neurosurg*. 2018 Apr;167:31-35. doi: 10.1016/j.clineuro.2018.02.012. Epub 2018 Feb 7. PubMed PMID: 29433056.

181: Chowdhury T, Yoo Y, Seo Y, Dho YS, Kim S, Choi A, Choi M, Park SH, Park CK, Lee SH, Lee JY. Genomic analysis of synchronous intracranial meningiomas with different histological grades. *J Neurooncol*. 2018 May;138(1):41-48. doi: 10.1007/s11060-018-2772-1. Epub 2018 Feb 8. PubMed PMID: 29423538.

182: Yoo DH, Cho YD, Moon J, Lee J, Kang HS, Cho WS, Kim JE, Hwang G, Kwon OK, Han MH. Long-term outcomes of Low-profile Visualized Intraluminal Support device usage in stent-assisted coiling of intracranial aneurysm. *J Clin Neurosci*. 2018 Apr;50:287-291. doi: 10.1016/j.jocn.2018.01.075. Epub 2018 Feb 28. PubMed PMID: 29422368.

183: Jin J, Hwang K, Joo JD, Han JH, Kim CY. Combination therapy of 7-O-succinyl macrolactin A tromethamine salt and temozolomide against experimental glioblastoma. *Oncotarget*. 2017 Dec 14;9(2):2140-2147. doi: 10.18632/oncotarget.23295. eCollection 2018 Jan 5. PubMed PMID: 29416760; PubMed Central PMCID: PMC5788628.

184: Park K, Lim YH, Jang M, Kim A, Kim HJ, Paek SH, Jeon B. Battery Life Matters in Deep Brain Stimulation. *Stereotact Funct Neurosurg*. 2018;96(1):65-66. doi: 10.1159/000486686. Epub 2018 Feb 7. PubMed PMID: 29414816.

185: Blauwendraat C, Kia DA, Pihlstrøm L, Gan-Or Z, Lesage S, Gibbs JR, Ding J, Alcalay RN, Hassin-Baer S, Pittman AM, Brooks J, Edsall C, Chung SJ, Goldwurm S, Toft M, Schulte C; International Parkinson's Disease Genomics Consortium (IPDGC), COURAGE-PD Consortium, Hernandez D, Singleton AB, Nalls MA, Brice A, Scholz SW, Wood NW. Insufficient evidence for pathogenicity of SNCA His50Gln (H50Q) in Parkinson's disease. *Neurobiol Aging*. 2018 Apr;64:159.e5-159.e8. doi: 10.1016/j.neurobiolaging.2017.12.012. Epub 2017 Dec 20. PubMed PMID: 29398121; PubMed Central PMCID: PMC5823280.

186: Taphoorn MJB, Dirven L, Kanner AA, Lavy-Shahaf G, Weinberg U, Taillibert S, Toms SA, Honnorat J, Chen TC, Sroubek J, David C, Idbaih A, Easaw JC, Kim CY, Bruna J, Hottinger AF, Kew Y, Roth P, Desai R, Villano JL, Kirson ED, Ram Z, Stupp R. Influence of Treatment With Tumor-Treating Fields on Health-Related Quality of Life of Patients With Newly Diagnosed Glioblastoma: A Secondary Analysis of a Randomized Clinical Trial. *JAMA Oncol*. 2018 Apr 1;4(4):495-504. doi: 10.1001/jamaoncol.2017.5082. PubMed PMID: 29392280; PubMed Central PMCID: PMC5885193.

187: Choe MK, Lim M, Kim JS, Lee DS, Chung CK. Disrupted Resting State Network of Fibromyalgia in Theta frequency. *Sci Rep*. 2018 Feb 1;8(1):2064. doi: 10.1038/s41598-017-18999-z. PubMed PMID: 29391478; PubMed Central PMCID: PMC5794911.

188: Kim SK, Kang SS, Hong YH, Park SW, Lee SC. Clinical comparison of unilateral biportal endoscopic technique versus open microdiscectomy for single-level lumbar discectomy: a multicenter, retrospective analysis. *J Orthop Surg Res*. 2018 Jan 31;13(1):22. doi: 10.1186/s13018-018-0725-1. PubMed PMID: 29386033; PubMed Central PMCID: PMC5793344.

189: Park HJ, Lee SH, Park HJ, Shin SH. A porencephalic cyst formation in a 6-year-old female with a functioning ventriculoperitoneal shunt: a case-based review. *Childs Nerv Syst*. 2018 Apr;34(4):611-616. doi: 10.1007/s00381-018-3725-x. Epub 2018 Jan 29. PubMed PMID: 29380111.

190: Han JJ, Jang JH, Ridder D, Vanneste S, Koo JW, Song JJ. Increased parietal circuit-breaker activity in delta frequency band and abnormal delta/theta band connectivity in salience network in

hyperacusis subjects. PLoS One. 2018 Jan 25;13(1):e0191858. doi: 10.1371/journal.pone.0191858. eCollection 2018. PubMed PMID: 29370266; PubMed Central PMCID: PMC5785008.

191: Shin BC, Cho JH, Ha IH, Heo I, Lee JH, Kim KW, Kim MR, Jung SY, Kwon O, Kim NK, Son HM, Son DW, Shin KM. A multi-center, randomized controlled clinical trial, cost-effectiveness and qualitative research of electroacupuncture with usual care for patients with non-acute pain after back surgery: study protocol for a randomized controlled trial. Trials. 2018 Jan 24;19(1):65. doi: 10.1186/s13063-018-2461-6. PubMed PMID: 29368636; PubMed Central PMCID: PMC5784658.

192: Kang BK, Kim JS, Ryun S, Chung CK. Prediction of movement intention using connectivity within motor-related network: An electrocorticography study. PLoS One. 2018 Jan 24;13(1):e0191480. doi: 10.1371/journal.pone.0191480. eCollection 2018. PubMed PMID: 29364932; PubMed Central PMCID: PMC5783365.

193: Bang WS, Lee DH, Kim KT, Cho DC, Sung JK, Han IB, Kim DH, Kwon BK, Kim CH, Park KS, Park MK, Seo SY, Seo YJ. Relationships between vitamin D and paraspinal muscle: human data and experimental rat model analysis. Spine J. 2018 Jun;18(6):1053-1061. doi: 10.1016/j.spinee.2018.01.007. Epub 2018 Jan 31. PubMed PMID: 29355791.

194: Park HR, Park SQ, Kim JH, Hwang JC, Lee GS, Chang JC. Geographic Analysis of Neurosurgery Workforce in Korea. J Korean Neurosurg Soc. 2018 Jan;61(1):105-113. doi: 10.3340/jkns.2017.0303.006. Epub 2017 Dec 29. PubMed PMID: 29354242; PubMed Central PMCID: PMC5769849.

195: Lee SB, Chang JC, Lee GS, Hwang JC, Bae HG, Doh JW. Morphometric Study of the Lumbar Posterior Longitudinal Ligament. J Korean Neurosurg Soc. 2018 Jan;61(1):89-96. doi: 10.3340/jkns.2017.0257. Epub 2017 Dec 29. PubMed PMID: 29354240; PubMed Central PMCID: PMC5769844.

196: Choi HY, Hyun SJ, Kim KJ, Jahng TA, Kim HJ. Freehand S2 Alar-Iliac Screw Placement Using K-Wire and Cannulated Screw : Technical Case Series. J Korean Neurosurg Soc. 2018 Jan;61(1):75-80. doi: 10.3340/jkns.2016.1212.008. Epub 2017 Dec 29. PubMed PMID: 29354238; PubMed Central PMCID: PMC5769852.

197: Bang WS, Kim KT, Seo YJ, Cho DC, Sung JK, Kim CH. Curcumin Increase the Expression of Neural Stem/Progenitor Cells and Improves Functional Recovery after Spinal Cord Injury. J Korean Neurosurg Soc. 2018 Jan;61(1):10-18. doi: 10.3340/jkns.2017.0203.003. Epub 2017 Dec 29. PubMed PMID: 29354231; PubMed Central PMCID: PMC5769840.

198: Ahn JH, Jeon JP, Kim JE, Ha EJ, Cho WS, Park YJ, Cho NH, Choi HS, Kang HS, Son YJ, Bang JS, Oh CW. Association of Hyperthyroidism and Thyroid Autoantibodies with Moyamoya Disease and Its Stroke Event: A Population-based Case-control Study and Meta-analysis. Neurol Med Chir (Tokyo). 2018 Mar 15;58(3):116-123. doi: 10.2176/nmc.0a.2017-0198. Epub 2018 Jan 19. PubMed PMID: 29353860; PubMed Central PMCID: PMC5929920.

199: Seo GH, Choi JH, Kim YM, Koh KN, Im HJ, Ra YS, Yoo HW. Long-term endocrine effects and trends in body mass index changes in patients with childhood-onset brain tumors. J Neurooncol. 2018 May;138(1):55-62. doi: 10.1007/s11060-018-2765-0. Epub 2018 Jan 19. PubMed PMID: 29352447.

200: Lee HM, Lee E, Yeo SY, Shin S, Park HK, Nam DH, Kim SH. Drug repurposing screening identifies bortezomib and panobinostat as drugs targeting cancer associated fibroblasts (CAFs) by synergistic induction of apoptosis. Invest New Drugs. 2018 Aug;36(4):545-560. doi: 10.1007/s10637-017-0547-8.

Epub 2018 Jan 18. PubMed PMID: 29349597.

201: Kong T, Park JM, Jang JH, Kim CY, Bae SH, Choi Y, Jeong YH, Kim C, Chang SW, Kim J, Moon J. Immunomodulatory effect of CD200-positive human placenta-derived stem cells in the early phase of stroke. *Exp Mol Med*. 2018 Jan 12;50(1):e425. doi: 10.1038/emmm.2017.233. PubMed PMID: 29328072; PubMed Central PMCID: PMC5799796.

202: Jeon SH, Park SH, Kim JW, Park CK, Paek SH, Kim IH. Efficacy of adjuvant radiotherapy in the intracranial hemangiopericytoma. *J Neurooncol*. 2018 May;137(3):567-573. doi: 10.1007/s11060-018-2746-3. Epub 2018 Jan 11. PubMed PMID: 29327171.

203: Kim YS, Choi SH, Yoo RE, Kang KM, Yun TJ, Kim JH, Sohn CH, Park SH, Won JK, Kim TM, Park CK, Kim IH. Leakage correction improves prognosis prediction of dynamic susceptibility contrast perfusion MRI in primary central nervous system lymphoma. *Sci Rep*. 2018 Jan 11;8(1):456. doi: 10.1038/s41598-017-18901-x. PubMed PMID: 29323247; PubMed Central PMCID: PMC5765049.

204: Park J, Shim JK, Kang JH, Choi J, Chang JH, Kim SY, Kang SG. Regulation of bioenergetics through dual inhibition of aldehyde dehydrogenase and mitochondrial complex I suppresses glioblastoma tumorspheres. *Neuro Oncol*. 2018 Jun 18;20(7):954-965. doi: 10.1093/neuonc/nox243. PubMed PMID: 29294080; PubMed Central PMCID: PMC6007558.

205: Liu M, Shin EJ, Dang DK, Jin CH, Lee PH, Jeong JH, Park SJ, Kim YS, Xing B, Xin T, Bing G, Kim HC. Trichloroethylene and Parkinson's Disease: Risk Assessment. *Mol Neurobiol*. 2018 Jul;55(7):6201-6214. doi: 10.1007/s12035-017-0830-x. Epub 2017 Dec 22. PubMed PMID: 29270919.

206: Jang JT, Lee J, Seon J, Ju E, Kim M, Kim YI, Kim MG, Takemura Y, Arbab AS, Kang KW, Park KH, Paek SH, Bae S. Giant Magnetic Heat Induction of Magnesium-Doped γ -Fe(2) O(3) Superparamagnetic Nanoparticles for Completely Killing Tumors. *Adv Mater*. 2018 Feb;30(6). doi: 10.1002/adma.201704362. Epub 2017 Dec 20. PubMed PMID: 29266514.

207: You SH, Choi SH, Kim TM, Park CK, Park SH, Won JK, Kim IH, Lee ST, Choi HJ, Yoo RE, Kang KM, Yun TJ, Kim JH, Sohn CH. Differentiation of High-Grade from Low-Grade Astrocytoma: Improvement in Diagnostic Accuracy and Reliability of Pharmacokinetic Parameters from DCE MR Imaging by Using Arterial Input Functions Obtained from DSC MR Imaging. *Radiology*. 2018 Mar;286(3):981-991. doi: 10.1148/radiol.2017170764. Epub 2017 Dec 15. PubMed PMID: 29244617.

208: Choi SA, Kim SY, Kim H, Kim WJ, Kim H, Hwang H, Choi JE, Lim BC, Chae JH, Chong S, Lee JY, Phi JH, Kim SK, Wang KC, Kim KJ. Surgical outcome and predictive factors of epilepsy surgery in pediatric isolated focal cortical dysplasia. *Epilepsy Res*. 2018 Jan;139:54-59. doi: 10.1016/j.eplepsyres.2017.11.012. Epub 2017 Nov 27. PubMed PMID: 29197666.

209: Jeon W, Ahn SJ, Kim YC, Oh IJ, Park CK, Jeong JU, Yoon MS, Song JY, Nam TK, Chung WK. Correlation of biologically effective dose and the tumor control in Stage I (<5 cm) non-small cell lung cancer with stereotactic ablative radiotherapy: a single institutional cohort study. *Jpn J Clin Oncol*. 2018 Feb 1;48(2):144-152. doi: 10.1093/jjco/hyx172. PubMed PMID: 29194510.

210: Park JM, Chung CK, Kim JS, Lee KM, Seol J, Yi SW. Musical Expectations Enhance Auditory Cortical Processing in Musicians: A Magnetoencephalography Study. *Neuroscience*. 2018 Jan 15;369:325-335. doi: 10.1016/j.neuroscience.2017.11.036. Epub 2017 Nov 26. PubMed PMID: 29183828.

211: Ryu J, Chung Y, Lee SH, Cho WS, Choi SK. In Situ Side-to-Side Anastomosis: Surgical Technique and Complication Avoidance. *World Neurosurg*. 2018 Feb;110:336-344. doi: 10.1016/j.wneu.2017.11.087. Epub 2017 Nov 23. PubMed PMID: 29174234.

- 212: Lee KS, Lee K, Yun S, Moon S, Park Y, Han JH, Kim CY, Lee HS, Choe G. Prognostic relevance of programmed cell death ligand 1 expression in glioblastoma. *J Neurooncol*. 2018 Feb;136(3):453-461. doi: 10.1007/s11060-017-2675-6. Epub 2017 Nov 16. PubMed PMID: 29147863.
- 213: Choi HJ, Sohn CH, You SH, Yoo RE, Kang KM, Yun TJ, Choi SH, Kim JH, Cho WS, Kim JE. Can Arterial Spin-Labeling with Multiple Postlabeling Delays Predict Cerebrovascular Reserve? *AJNR Am J Neuroradiol*. 2018 Jan;39(1):84-90. doi: 10.3174/ajnr.A5439. Epub 2017 Nov 16. PubMed PMID: 29146719.
- 214: Kim JY, Yu JH, Nam SJ, Kim SW, Lee SK, Park WY, Noh DY, Nam DH, Park YH, Han W, Lee JE. Genetic and Clinical Characteristics of Phyllodes Tumors of the Breast. *Transl Oncol*. 2018 Feb;11(1):18-23. doi: 10.1016/j.tranon.2017.10.002. Epub 2017 Nov 13. PubMed PMID: 29145046; PubMed Central PMCID: PMC5684533.
- 215: Jeon JP, Hong EP, Kim JE, Ha EJ, Cho WS, Son YJ, Bang JS, Oh CW. Genetic Risk Assessment of Elastin Gene Polymorphisms with Intracranial Aneurysm in Koreans. *Neurol Med Chir (Tokyo)*. 2018 Jan 15;58(1):17-22. doi: 10.2176/nmc.oa.2017-0138. Epub 2017 Nov 10. PubMed PMID: 29129841; PubMed Central PMCID: PMC5785693.
- 216: Hyun SJ, Han S, Kim KJ, Jahng TA, Kim YJ, Rhim SC, Kim HJ. Adolescent Idiopathic Scoliosis Surgery by a Neurosurgeon: Learning Curve for Neurosurgeons. *World Neurosurg*. 2018 Feb;110:e129-e134. doi: 10.1016/j.wneu.2017.10.109. Epub 2017 Oct 28. PubMed PMID: 29107722.
- 217: Seo Y, Kim DG. Contralateral trigeminal neuralgia in a rapidly growing vestibular schwannoma: A case report. *J Clin Neurosci*. 2018 Jan;47:132-134. doi: 10.1016/j.jocn.2017.10.018. Epub 2017 Nov 6. PubMed PMID: 29107410.
- 218: Dev S, Yoo Y, Lee HJ, Kim DH, Kim YC, Moon JY. Does Temperature Increase by Sympathetic Neurolysis Improve Pain in Complex Regional Pain Syndrome? A Retrospective Cohort Study. *World Neurosurg*. 2018 Jan;109:e783-e791. doi: 10.1016/j.wneu.2017.10.088. Epub 2017 Oct 26. PubMed PMID: 29107167.
- 219: Won TB, Hwang P, Lim JH, Cho SW, Paek SH, Losorelli S, Vaisbuch Y, Chan S, Salisbury K, Blevins NH. Early experience with a patient-specific virtual surgical simulation for rehearsal of endoscopic skull-base surgery. *Int Forum Allergy Rhinol*. 2018 Jan;8(1):54-63. doi: 10.1002/alr.22037. Epub 2017 Nov 3. PubMed PMID: 29105367.
- 220: Jung JH, Chai YH, Jung S, Kim IY, Jang WY, Moon KS, Kim SK, Chong S, Kim SK, Jung TY. Visual outcome after endoscopic third ventriculostomy for hydrocephalus. *Childs Nerv Syst*. 2018 Feb;34(2):247-255. doi: 10.1007/s00381-017-3626-4. Epub 2017 Nov 3. PubMed PMID: 29101614.
- 221: Kim CH, Park TH, Chung CK, Kim KT, Choi YH, Chung SW. Changes in cervical motion after cervical spinal motion preservation surgery. *Acta Neurochir (Wien)*. 2018 Feb;160(2):397-404. doi: 10.1007/s00701-017-3375-x. Epub 2017 Nov 3. PubMed PMID: 29101465.
- 222: Kim CH, Chung CK, Kim MJ, Choi Y, Kim MJ, Hahn S, Shin S, Jong JM, Lee JH. Increased Volume of Lumbar Surgeries for Herniated Intervertebral Disc Disease and Cost-Effectiveness Analysis: A Nationwide Cohort Study. *Spine (Phila Pa 1976)*. 2018 Apr 15;43(8):585-593. doi: 10.1097/BRS.0000000000002473. PubMed PMID: 29095409.
- 223: Heo W, Kim JS, Chung CK, Lee SK. Relationship between cortical resection and visual function after occipital lobe epilepsy surgery. *J Neurosurg*. 2018 Aug;129(2):524-532. doi:

10.3171/2017.5.JNS162963. Epub 2017 Oct 27. PubMed PMID: 29076788.

224: Kim T, Cho MJ, Park SJ, Han MK, Ojar DH, Oh CW, Bang JS. Successful retinal blood flow augmentation after extracranial-intracranial bypass. *Acta Neurochir (Wien)*. 2018 Feb;160(2):301-304. doi: 10.1007/s00701-017-3361-3. Epub 2017 Oct 25. PubMed PMID: 29071559.

225: Moon HC, Won SY, Kim EG, Kim HK, Cho CB, Park YS. Effect of optogenetic modulation on entopeduncular input affects thalamic discharge and behavior in an AAV2- α -synuclein-induced hemiparkinson rat model. *Neurosci Lett*. 2018 Jan 1;662:129-135. doi: 10.1016/j.neulet.2017.10.019. Epub 2017 Oct 14. PubMed PMID: 29037791.

226: Jeon H, Kang YH, Yoo SM, Park MJ, Park JB, Lee SH, Lee MS. Kaposi's Sarcoma-Associated Herpesvirus Infection Modulates the Proliferation of Glioma Stem-Like Cells. *J Microbiol Biotechnol*. 2018 Jan 28;28(1):165-174. doi: 10.4014/jmb.1709.09001. PubMed PMID: 29032648.

227: Ban SP, Hwang G, Byoun HS, Kim T, Lee SU, Bang JS, Han JH, Kim CY, Kwon OK, Oh CW. Middle Meningeal Artery Embolization for Chronic Subdural Hematoma. *Radiology*. 2018 Mar;286(3):992-999. doi: 10.1148/radiol.2017170053. Epub 2017 Oct 10. PubMed PMID: 29019449.

228: Kim JH, Lee JH, Lee JH, Hong AR, Kim YJ, Kim YH. Endoscopic Transsphenoidal Surgery Outcomes in 331 Nonfunctioning pituitary neuroendocrine tumor Cases After a Single Surgeon Learning Curve. *World Neurosurg*. 2018 Jan;109:e409-e416. doi: 10.1016/j.wneu.2017.09.194. Epub 2017 Oct 7. PubMed PMID: 29017983.

229: Song SW, Kim YH, Kim JW, Park CK, Kim JE, Kim DG, Koh YC, Jung HW. Outcomes After Transcranial and Endoscopic Endonasal Approach for Tuberculum Meningiomas-A Retrospective Comparison. *World Neurosurg*. 2018 Jan;109:e434-e445. doi: 10.1016/j.wneu.2017.09.202. Epub 2017 Oct 7. PubMed PMID: 29017976.

230: Kim H, Yang X, Choi YH, Yoon BC, Kim K, Kim DJ. Abilities of a Densitometric Analysis of Computed Tomography Images and Hemorrhagic Parameters to Predict Outcome Favorability in Patients With Intracerebral Hemorrhage. *Neurosurgery*. 2018 Aug 1;83(2):226-236. doi: 10.1093/neuros/nyx379. PubMed PMID: 28973583.

231: Hyun SJ, Kim JW, Kim KJ, Jahng TA, Roh SW, Ra YS, Kim HJ, Rhim SC. Long-Term Results Following Surgical Resection of Chordomas in the Craniocervical Junction and the Upper Cervical Spine: Review of 12 Consecutive Cases. *Oper Neurosurg (Hagerstown)*. 2018 Feb 1;14(2):112-120. doi: 10.1093/ons/oxp082. PubMed PMID: 28962021.

232: Dho YS, Kim YH, Se YB, Han DH, Kim JH, Park CK, Wang KC, Kim DG. Endoscopic endonasal approach for craniopharyngioma: the importance of the relationship between pituitary stalk and tumor. *J Neurosurg*. 2018 Sep;129(3):611-619. doi: 10.3171/2017.4.JNS162143. Epub 2017 Sep 29. PubMed PMID: 28960155.

233: Kim SI, Lee Y, Won JK, Park CK, Choi SH, Park SH. Reclassification of Mixed Oligoastrocytic Tumors Using a Genetically Integrated Diagnostic Approach. *J Pathol Transl Med*. 2018 Jan;52(1):28-36. doi: 10.4132/jptm.2017.09.25. Epub 2017 Sep 29. PubMed PMID: 28958143; PubMed Central PMCID: PMC5784226.

234: Lee SY, Kim JH, Lee JH, Kim YH, Cha HJ, Kim SW, Paek SH, Shin CS. The efficacy of medical treatment in patients with acromegaly in clinical practice. *Endocr J*. 2018 Jan 30;65(1):33-41. doi: 10.1507/endocrj.EJ17-0125. Epub 2017 Sep 20. PubMed PMID: 28931779.

235: Lee SH, Suh DC, Cho SH, Sheen JJ, Lee DH, Kim JS. Subacute endovascular recanalization of symptomatic cerebral artery occlusion: a propensity score-matched analysis. *J Neurointerv Surg*. 2018 Jun;10(6):536-542. doi: 10.1136/neurintsurg-2017-013219. Epub 2017 Sep 12. PubMed PMID: 28899866.

236: Lee ST, Seo Y, Bae JY, Chu K, Kim JW, Choi SH, Kim TM, Kim IH, Park SH, Park CK. Erratum to: Loss of Pericytes in Radiation Necrosis after Glioblastoma Treatments. *Mol Neurobiol*. 2018 Jun;55(6):4927. doi: 10.1007/s12035-017-0765-2. PubMed PMID: 28889334.

237: Lee HC, Chong S, Lee JY, Cheon JE, Phi JH, Kim SK, Kim IO, Wang KC. Benign extracerebral fluid collection complicated by subdural hematoma and fluid collection: clinical characteristics and management. *Childs Nerv Syst*. 2018 Feb;34(2):235-245. doi: 10.1007/s00381-017-3583-y. Epub 2017 Sep 9. PubMed PMID: 28889182.

238: Lee JM, Park HR, Choi YD, Kim SM, Jeon B, Kim HJ, Kim DG, Paek SH. Delayed facial palsy after microvascular decompression for hemifacial spasm: friend or foe? *J Neurosurg*. 2018 Aug;129(2):299-307. doi: 10.3171/2017.3.JNS162869. Epub 2017 Sep 1. PubMed PMID: 28862543.

239: Cha YJ, Hong CK, Kim DS, Lee SK, Park HJ, Kim SH. Poorly differentiated chordoma with loss of SMARCB1/INI1 expression in pediatric patients: A report of two cases and review of the literature. *Neuropathology*. 2018 Feb;38(1):47-53. doi: 10.1111/neup.12407. Epub 2017 Aug 15. Review. PubMed PMID: 28812319.

240: Kim B, Jeong H, Kim J, Kim T, Kim K, Lee H, Ahn S, Jo YH, Lee JH, Hwang JE. Incidence and risk factors of delayed intracranial hemorrhage in the emergency department. *Am J Emerg Med*. 2018 Feb;36(2):271-276. doi: 10.1016/j.ajem.2017.08.009. Epub 2017 Aug 4. PubMed PMID: 28811212.

241: Lee ST, Seo Y, Bae JY, Chu K, Kim JW, Choi SH, Kim TM, Kim IH, Park SH, Park CK. Loss of Pericytes in Radiation Necrosis after Glioblastoma Treatments. *Mol Neurobiol*. 2018 Jun;55(6):4918-4926. doi: 10.1007/s12035-017-0695-z. Epub 2017 Aug 2. Erratum in: *Mol Neurobiol*. 2017 Sep 9;:. PubMed PMID: 28770500.

242: Joo B, Han K, Choi YS, Lee SK, Ahn SS, Chang JH, Kang SG, Kim SH, Zhou J. Amide proton transfer imaging for differentiation of benign and atypical meningiomas. *Eur Radiol*. 2018 Jan;28(1):331-339. doi: 10.1007/s00330-017-4962-1. Epub 2017 Jul 7. PubMed PMID: 28687916; PubMed Central PMCID: PMC5746026.

243: Kim HJ, Kwon OH, Chang BS, Lee CK, Chun HJ, Yeom JS. Change in pain catastrophizing in patients with lumbar spinal surgery. *Spine J*. 2018 Jan;18(1):115-121. doi: 10.1016/j.spinee.2017.06.028. Epub 2017 Jun 29. PubMed PMID: 28669860.

244: Cho YD, Jeon JP, Yoo DH, Cho WS, Kang HS, Kim JE, Han MH. Growth-Related Major Recanalization of Coiled Aneurysms: Incidence and Risk Factors. *Neurosurgery*. 2018 Feb 1;82(2):185-191. doi: 10.1093/neuros/nyx176. PubMed PMID: 28605492.

245: Jung JM, Chung CK, Kim CH, Choi Y. Risk Factors and Prognosis for Acute Progression of Myelopathic Symptoms in Patients Ossification of the Posterior Longitudinal Ligament After Minor Trauma. *Spine (Phila Pa 1976)*. 2018 Feb 1;43(3):E171-E176. doi: 10.1097/BRS.0000000000002275. PubMed PMID: 28604489.

246: Kim YH, Jeon C, Se YB, Hong SD, Seol HJ, Lee JI, Park CK, Kim DG, Jung HW, Han DH, Nam DH, Kong DS. Clinical outcomes of an endoscopic transclival and transpetrosal approach for primary skull

- base malignancies involving the clivus. *J Neurosurg.* 2018 May;128(5):1454-1462. doi: 10.3171/2016.12.JNS161920. Epub 2017 Jun 2. PubMed PMID: 28574308.
- 247: Jeon JP, Kim JE, Cho WS, Bang JS, Son YJ, Oh CW. Meta-analysis of the surgical outcomes of symptomatic moyamoya disease in adults. *J Neurosurg.* 2018 Mar;128(3):793-799. doi: 10.3171/2016.11.JNS161688. Epub 2017 May 5. PubMed PMID: 28474994.
- 248: Kumar H, Jo MJ, Choi H, Muttigi MS, Shon S, Kim BJ, Lee SH, Han IB. Matrix Metalloproteinase-8 Inhibition Prevents Disruption of Blood-Spinal Cord Barrier and Attenuates Inflammation in Rat Model of Spinal Cord Injury. *Mol Neurobiol.* 2018 Mar;55(3):2577-2590. doi: 10.1007/s12035-017-0509-3. Epub 2017 Apr 18. PubMed PMID: 28421532.
- 249: Kim T, Song C, Han JH, Kim IA, Kim YJ, Kim SH, Kim JH, Kim CY. Epidemiology of Intracranial Metastases in Korea: A National Cohort Investigation. *Cancer Res Treat.* 2018 Jan;50(1):164-174. doi: 10.4143/crt.2017.072. Epub 2017 Mar 21. PubMed PMID: 28324921; PubMed Central PMCID: PMC5784640.
- 250: Choi HH, Cho YD, Jeon JP, Yoo DH, Moon J, Lee J, Kang HS, Cho WS, Kim JE, Zhang L, Han MH. Growth of Untreated Unruptured Small-sized Aneurysms (<7mm): Incidence and Related Factors. *Clin Neuroradiol.* 2018 Jun;28(2):183-189. doi: 10.1007/s00062-017-0559-y. Epub 2017 Feb 1. PubMed PMID: 28150223.
- 251: Park CA, Kang CK, Kim YB, Cho ZH. Advances in MR angiography with 7T MRI: From microvascular imaging to functional angiography. *Neuroimage.* 2018 Mar;168:269-278. doi: 10.1016/j.neuroimage.2017.01.019. Epub 2017 Jan 13. PubMed PMID: 28089903.
- 252: Rhim JK, Cho YD, Jeon JP, Yoo DH, Cho WS, Kang HS, Kim JE, Han MH. Ruptured Aneurysms of Collateral Vessels in Adult Onset Moyamoya Disease with Hemorrhagic Presentation. *Clin Neuroradiol.* 2018 Jun;28(2):191-199. doi: 10.1007/s00062-016-0554-8. Epub 2016 Dec 13. PubMed PMID: 27966197.
- 253: Sohn S, Chung CK, Han I, Park SB, Kim H. Increased Bone Mineral Density in Cervical or Thoracic Diffuse Idiopathic Skeletal Hyperostosis (DISH): A Case-Control Study. *J Clin Densitom.* 2018 Jan - Mar;21(1):68-74. doi: 10.1016/j.jocd.2016.09.001. Epub 2016 Oct 3. PubMed PMID: 27712986.

From:

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

Permanent link:

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

Last update: **2024/06/07 02:54**

