

## **Rhode Island Hospital Department of Neurosurgery**

*All Publications 2015-07-01 – 2019-01-31 (PubMed)*

### Journal Articles:

1. (2019-01-30) Tew BY, Legendre C, Gooden GC, Johnson KN, Martinez RA, Kiefer J, Bernstein M, Glen J, Butry L, Hinek A, Toms SA, Salhia B. Isolation and characterization of patient-derived CNS metastasis-associated stromal cell lines. **Oncogene**.
2. (2019-01-15) De la Garza-Ramos R, Nakhla J, Echt M, Schultz JF, Gomez JA, Cho W, Yassari R. A national analysis of predictors of discharge to rehabilitation after corrective surgery for adolescent idiopathic scoliosis. **Spine**.
3. (2018-12-01) Zacharoulis D, Tasiopoulou VS, Svokos KA, Svokos AA, Christodoulidis G, Mamaloudis I, Sioka E, Magouliotis DE. A meta-analysis of laparoscopic versus open left lateral hepatic sectionectomy. **HPB (Oxford)**
4. (2018-12-01) Powers AY, Pinto MB, Aldridge AM, Tang OY, Chen JS, Berube RL, Doberstein C, Fox JM, Carnevale JA, Asaad WF. Factors associated with the progression of conservatively managed acute traumatic subdural hemorrhage. **J Critical Care**.
5. (2018-12-01) Sen RD, White-Dzuro G, Ruzevick J, Kim CW, Witt JP, Telfeian AE, Wang MY, Hofstetter CP. Intra- and perioperative complications associated with endoscopic spine surgery: a multi-institutional study. **World Neurosurgery**.
6. (2018-11-29) Levitt J, Saab CY. What does a pain ‘biomarker’ mean and can a machine be taught to measure pain? **Neuroscience Letters**
7. (2018-11-29) Barzilai O, Versteeg AL, Sahgal A, Rhines LD, Bilsky MH, Sciubba DM, Schuster JM, Weber MH, Pal Varga P, Boriani S, Bettegowda C, Fehlings MG, Yamada Y, Clarke MJ, Arnold PM, Gokaslan ZL, Fisher CG, Laufer I, The Ao Spine Knowledge Forum Tumor. Survival, local control, and health-related quality of life in patients with oligometastatic and polymetastatic spinal tumors: a multicenter, international study. **Cancer**.
8. (2018-11-15) Ishida W, Ramhmdani S, Xia Y, Kosztowski TA, Xu R, Choi J, De la Garza Ramos R, Elder BD, Theodore N, Gokaslan ZL, Sciubba DM, Witham TF, Bydon A, Wolinsky JP, Lo SL. Use of recombinant human bone morphogenetic protein-2 at the C1-C2 lateral articulation without posterior structural bone graft in posterior atlantoaxial fusion in adult patients. **World Neurosurgery**.
9. (2018-11-14) Soliman H, Fridley J, Telfeian A, Choi DB, Galgano M, Kosztowski T, Gokaslan ZL, Oyelese AA. Minimally invasive, far lateral lumbar microdiscectomy with intraoperative computed tomography navigational assistance and electrophysiological monitoring. **World Neurosurgery**.
10. (2018-11-14) Yu JYH, Fridley J, Gokaslan Z, Telfeian A, Oyelese AA. Minimally invasive thoracolumbar corpectomy and stabilization for unstable burst fractures using intraoperative computed tomography and computer assisted spinal navigation. **World Neurosurgery**.

11. (2018-11-14) Shaaya E, Fridley J, Barber SM, Syed S, Xia J, Galgano M, Oyelese A, Telfeian A, Gokaslan Z. Posterior nerve-sparing multilevel corpectomy and reconstruction for metastatic cervical spine tumors: case report and literature review. **World Neurosurgery**.
12. (2018-11-06) Koyama S, LeBlanc BW, Smith KA, Roach C, Levitt J, Edhi MM, Michishita M, Komatsu T, Mashita O, Tanikawa A, Yoshikawa S, Saab CY. An electroencephalography bioassay for preclinical testing of analgesic efficacy. **Sci Reports**.
13. (2018-11-01) Carnevale JA, Segar DJ, Powers AY, Shah M, Doberstein C, Drapcho B, Morrison JF, Williams JR, Collins S, Monteiro K, Asaad WF. Blossoming contusions: identifying factors contributing to the expansion of traumatic intracerebral hemorrhage. **J Neurosurgery**.
14. (2018-11-01) De la Garza Ramos R, Nakhla J, Sciubba DM, Yassari R. Iliac screw versus S2 alar-iliac screw fixation in adults: a meta-analysis. **J Neurosurgery Spine**.
15. (2018-11-01) Konakondla S, Griessenauer CJ, Fong RP, Goren O, Schirmer CM. Zero-delay mechanical thrombectomy for distal large vessel occlusion detected on intraoperative angiogram after microsurgical clipping of a posterior communicating artery aneurysm: value of hybrid operating room. **World Neurosurgery**.
16. (2018-11-01) Wagner R, Telfeian AE, Krzok G, Ipreburg M. Endoscopic surgical technique for treating sacral radiculopathy secondary to S1 nerve compression after minimally invasive sacroiliac joint fusion: technical note. **World Neurosurgery**.
17. (2018-10-01) Stefan S, Jeong KS, Polucha C, Tapinos N, Toms SA, Lee J. Determination of confocal profile and curved focal plane for OCT mapping of the attenuation coefficient. **Biomed Opt Express**.
18. (2018-10-01) Sengupta S, Katz SC, Sengupta S, Sampath P. Glycogen synthase kinase 3 inhibition lowers PD-1 expression, promotes long-term survival and memory generation in antigen-specific CAR-T cells. **Cancer Letters**.
19. (2018-09-01) Telfeian AE, Oyelese A, Fridley J, Gokaslan ZL. Transforaminal endoscopic decompression in the setting of lateral lumbar spondylolisthesis. **World Neurosurgery**.
20. (2018-09-01) De la Garza-Ramos R, Nakhla J, Echt M, Gelfand Y, Altschul DJ, Cho W, Kinon MD, Yassari R. Use of bone morphogenic protein-2 in vertebral column tumor surgery: a national investigation. **World Neurosurgery**.
21. (2018-09-01) Levitt J, Nitenson A, Koyama S, Heijmans L, Curry J, Ross JT, Kamerling S, Saab CY. Automated detection of electroencephalography artifacts in human, rodent, and canine subjects using machine learning. **J Neuroscience Methods**.
22. (2018-09-01) Nater A, Tetreault LA, Kopjar B, Arnold PM, Dekutoski MB, Finkelstein JA, Fisher CG, France JC, Gokaslan ZL, Rhines LD, Rose PS, Sahgal A, Schuster JM, Vaccaro AR, Fehlings MG. Predictive factors of survival in a surgical series of metastatic epidural spinal cord compression and complete external validation of 8 multivariate models of survival in a prospective North American multicenter study. **Cancer**.

23. (2018-08-31) De la Garza-Ramos R, Nakhla J, Bhashyam N, Ammar AE, Scoco AN, Kinon MD, Yassari R. Trends in the use of bone morphogenetic protein-2 in adult spinal deformity surgery: a 10-year analysis of 54,054 patients. **Int J Spine Surgery**.
24. (2018-08-30) Feletti A, d'Avella D, Wikkelsø C, Klinge P, Hellström P, European iNPH Multicenter Study Group. Ventriculoperitoneal shunt complications in the European idiopathic normal pressure hydrocephalus multicenter study. **Oper Neurosurgery (Hagerstown)**.
25. (2018-08-01) Telfeian AE, Oyelese A, Fridley J, Gokaslan ZL. Transforaminal endoscopic decompression for foot drop 12 years after lumbar total disk replacement. **World Neurosurgery**.
26. (2018-08-01) Syed S, Karambizi DI, Baker A, Groh DM, Toms SA. A comparative report on intracranial tumor-to-tumor metastasis and collision tumors. **World Neurosurgery**.
27. (2018-08-01) De la Garza-Ramos R, Nakhla J, Echt M, Gelfand Y, Scoco AN, Kinon MD, Yassari R. Risk factors for 30-day readmissions and reoperations after 3-column osteotomy for spinal deformity. **Global Spine J**.
28. (2018-08-01) Echt M, De la Garza-Ramos R, Nakhla J, Gelfand Y, Cezayirli P, Holland R, Kinon MD, Yassari R. The effect of cigarette smoking on wound complications after single-level posterolateral and interbody fusion for spondylolisthesis. **World Neurosurgery**.
29. (2018-07-01) Oyelese AA, Fridley J, Choi DB, Telfeian A, Gokaslan ZL. Minimally invasive direct lateral, retroperitoneal transforaminal approach for large L1-2 disc herniations with intraoperative CT navigational assistance: technical note and report of 3 cases. **J Neurosurgery Spine**.
30. (2018-07-01) Oyelese A, Telfeian AE, Gokaslan ZL, Kosztowski TA, Choi D, Fridley J, Galgano M. Intraoperative computed tomography navigational assistance for transforaminal endoscopic decompression of heterotopic foraminal bone formation after oblique lumbar interbody fusion. **World Neurosurgery**.
31. (2018-07-01) Nakhla J, Bhashyam N, De la Garza-Ramos R, Nasser R, Kinon MD, Yassari R. Minimally invasive transpedicular approach for the treatment of calcified thoracic disc disease: a technical note. **European Spine J**.
32. (2018-06-19) Leoutsakos JS, Yan H, Anderson WS, Asaad WF, Baltuch G, Burke A, Chakravarty MM, Drake KE, Foote KD, Fosdick L, Giacobbe P, Mari Z, McAndrews MP, Munro CA, Oh ES, Okun MS, Pendergrass JC, Ponce FA, Rosenberg PB, Sabbagh MN, Salloway S, Tang-Wai DF, Targum SD, Wolk D, Lozano AM, Smith GS, Lyketsos CG. Deep Brain Stimulation Targeting the Fornix for Mild Alzheimer Dementia (the ADvance Trial): A Two Year Follow-up Including Results of Delayed Activation. **J Alzheimer's Disease**.
33. (2018-06-01) Magouliotis DE, Asproдини EK, Svokos KA, Tasiopoulou VS, Svokos AA, Toms SA. Tumor-treating fields as a fourth treating modality for glioblastoma: a meta-analysis. **Acta Neurochir (Wein)**.

34. (2018-06-01) Magouliotis DE, Tasiopoulou VS, Svokos AA, Svokos KA, Sioka E, Zacharoulis D. Single incision versus conventional laparoscopic sleeve gastrectomy for morbid obesity: a meta-analysis. **J Laparoendosc Adv Surg Tech A.**
35. (2018-06-01) Schaeffer EL, Liu DY, Guerin J, Ahn M, Lee S, Asaad WF. A low-cost solution for quantification of movement during DBS surgery. **J Neuroscience Methods.**
36. (2018-06-01) Menger R, Pennicooke B, Barnes T, Fouke S, Kissel P, Origitano T, Rak R, Zusman E, Cozzens J, Grande A, Toms S, Webb S, Taylor S. Commentary: Impact of Hospital and Health System Mergers and Acquisitions on the Practicing Neurosurgeon: Survey and Analysis from the Council of State Neurosurgical Societies Medical Director's Ad Hoc Representative Section. **Neurosurgery.**
37. (2018-06-01) Carl HM, Ahmed AK, Abu-Bonsrah N, De la Garza Ramos R, Sankey EW, Pennington Z, Bydon A, Witham TF, Wolinsky JP, Gokaslan ZL, Sacks JM, Goodwin CR, Sciubba DM. Risk factors for wound-related reoperations in patients with metastatic spine tumor. **J Neurosurgery Spine.**
38. (2018-05-29) Liau LM, Ashkan K, Tran DD, Campian JL, Trusheim JE, Cobbs CS, Heth JA, Salacz M, Taylor S, D'Andre SD, Iwamoto FM, Dropcho EJ, Moshel YA, Walter KA, Pillainayagam CP, Aiken R, Chaudhary R, Goldlust SA, Bota DA, Duic P, Grewal J, Elinzano H, Toms SA, Lillehei KO, Mikkelsen T, Walbert T, Abram SR, Brenner AJ, Brem S, Ewend MG, Khagi S, Portnow J, Kim LJ, Loudon WG, Thompson RC, Avigan DE, Fink KL, Geoffroy FJ, Lindhorst S, Lutzky J, Sloan AE, Schackert G, Krex D, Meisel HJ, Wu J, Davis RP, Duma C, Etame AB, Mathieu D, Kesari S, Piccioni D, Westphal M, Baskin DS, New PZ, Lacroix M, May SA, Pluard TJ, Tse V, Green RM, Villano JL, Pearlman M, Petrecca K, Schulder M, Taylor LP, Maida AE, Prins RM, Cloughesy TF, Mulholland P, Bosch ML. First results on survival from a large Phase 3 clinical trial of an autologous dendritic cell vaccine in newly diagnosed glioblastoma. **J Translational Medicine**
39. (2018-05-08) Koyama S, Xia J, Leblanc BW, Gu JW, Saab CY. Sub-paresthesia spinal cord stimulation reverses thermal hyperalgesia and modulates low frequency EEG in a rat model of neuropathic pain. **Sci Reports.**
40. (2018-05-01) Galgano M, Fridley J, Oyelese A, Telfeian A, Kostowski T, Choi D, Gokaslan ZL. Surgical management of spinal metastases. **Expert Rev Anticancer Therapy.**
41. (2018-05-01) Hazama A, Ziechmann R, Arul M, Krishnamurthy S, Galgano M, Chin LS. The effect of Keppra prophylaxis on incidence of early onset, post-traumatic brain injury seizures. **Cureus.**
42. (2018-05-01) Ramhmdani S, Xia Y, Xu R, Kostowski T, Sciubba D, Witham T, Bydon A. Iatrogenic spondylolisthesis following open lumbar laminectomy: case series and review of the literature. **World Neurosurgery.**
43. (2018-05-01) Charest-Morin R, Dirks MS, Patel S, Boriani S, Luzzati A, Fehlings MG, Fisher CG, Dekutoski MB, Williams R, Quraishi NA, Gokaslan ZL, Bettgowda C, Gernscheid NM, Varga PP, Rhines LD; AOSpine Knowledge Forum Tumor. Ewing Sarcoma of the Spine: Prognostic Variables for Survival and Local Control in Surgically Treated Patients. **Spine**

44. (2018-04-10) Mehta N, Zavitsanos PJ, Moldovan K, Oyelese A, Fridley JS, Gokaslan Z, Kinsella TJ, Hapel JT. Local failure and vertebral body fracture risk using multifraction stereotactic body radiation therapy for spine metastases. **Adv Radiation Oncology**.
45. (2018-04-01) Lauro PM, Lee S, Ahn M, Barborica A, Asaad WF. DBStar: An open-source tool kit for imaging analysis in patient-customized deep brain stimulation platforms. **Stereotactic & Functional Neurosurgery**.
46. (2018-04-01) 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 Oncology**.
47. (2018-04-01) Versteeg AL, Sahgal A, Rhines LD, Sciubba DM, Schuster JM, Weber MH, Varga PP, Boriani S, Bettegowda C, Fehlings MG, Clarke MJ, Arnold PM, Gokaslan ZL, Fisher CG; AOSpine Knowledge Forum Tumor. Psychometric evaluation and adaptation of the Spine Oncology Study Group Outcomes Questionnaire to evaluate health-related quality of life in patients with spinal metastases. **Cancer**.
48. (2018-04-01) Fehlings MG, Kopjar B, Ibrahim A, Tetreault LA, Arnold PM, Defino H, Kale SS, Yoon ST, Barbagallo GM, Bartels RHM, Zhou Q, Vaccaro AR, Zileli M, Tan G, Yukawa Y, Brodke DS, Shaffrey CI, Santos de Moraes O, Woodard EJ, Scerrati M, Tanaka M, Toyone T, Sasso RC, Janssen ME, Gokaslan ZL, Alvarado M, Bolger C, Bono CM, Dekutoski MB. Geographic variations in clinical presentation and outcomes of decompressive surgery in patients with symptomatic degenerative cervical myelopathy: analysis of a prospective, international multicenter cohort study of 757 patients. **Spine J**.
49. (2018-03-01) Kosztowski TA, Choi D, Fridley J, Galgano M, Gokaslan Z, Oyelese A, Telfeian AE. Lumbar disc reherniation after transforaminal lumbar endoscopic discectomy. **Ann Transl Med**.
50. (2018-03-01) Bayer AD, Blum AS, Asaad WF, Roth J, Toms SA, Deck GM. Fighting fire with fire: surgical options for patients with drug-resistant epilepsy. **RI Medical J**.
51. (2018-03-01) Galgano MA, Goulart CR, Chisholm K, Hazen M, Stone S. Rapid-onset thoracic myelopathy due to an epidural sarcoid-like lesion in a pediatric patient. **World Neurosurgery**.
52. (2018-03-01) Telfeian AE. An awake, minimally-invasive, fully-endoscopic surgical technique for treating lumbar radiculopathy secondary to heterotopic foraminal bone formation after a minimally invasive transforaminal lumbar interbody fusion with BMP: technical note. **J Spine Surgery**.
53. (2018-02-15) Nandhu MS, Behera P, Bhaskaran V, Longo SL, Barrero-Arenas LM, Sengupta S, Rodriguez-Gil DJ, Chiocca EA, Viapiano MS. Development of a function-blocking antibody against fibulin-3 as a targeted reagent for glioblastoma. **Clin Cancer Res**.
54. (2018-02-01) Tasiopoulou VS, Svokos AA, Svokos KA, Zacharoulis D, Magouliotis DE. Robotic versus laparoscopic sleeve gastrectomy: a review of the current evidence. **Minerva Chir**.

55. (2018-02-01) Vedantam A, Fridley JS, Navarro JC, Gopinath SP. Management of acute unilateral nondisplaced subaxial cervical facet fractures. **Oper Neurosurgery (Hagerstown)**.
56. (2018-01-01) Lee JJ, Segar DJ, Morrison JF, Mangham WM, Lee S, Asaad WF. Subdural hematoma as a major determinant of short-term outcomes in traumatic brain injury. **J Neurosurgery**.
57. (2018-01-01) Magouliotis DE, Tasiopoulou VS, Svokos AA, Svokos KA, Zacharoulis D. Extracorporeal membrane oxygenation versus cardiopulmonary bypass during lung transplantation: a meta-analysis. **Gen Thorac Cardiovasc Surg**.
58. (2018-01-01) Linden OE, Baratta VM, Gonzalez JA, Byrne ME, Klinge PM, Sullivan SR, Taylor HO. Surgical correction of metopic craniosynostosis: a 3D photogrammetric analysis of cranial vault outcomes. **Cleft Palate Craniofacial J**.
59. (2017-12-19) Stupp R, Taillibert S, Kanner A, Read W, Steinberg D, Lhermitte B, Toms S, Idbaih A, Ahluwalia MS, Fink K, Di Meo F, Lieberman F, Zhu JJ, Stragliotto G, Tran D, Brem S, Hottinger A, Kirson ED, Lavy-Shahaf G, Weinberg U, Kim CY, Paek SH, Nicholas G, Bruna J, Hirte H, Weller M, Palti Y, Hegi ME, Ram Z. Effect of Tumor-Treating Fields Plus Maintenance Temozolomide vs Maintenance Temozolomide Alone on Survival in Patients With Glioblastoma: A Randomized Clinical Trial. **J American Medical Association (JAMA)**
60. (2017-12-01) Carnevale JA, Ahmedli N, Morrison JF, Asaad WF, Klinge P, Telfeian A. T-connector modification for reducing recurrent distal shunt failure: report of 2 cases. **Oper Neurosurgery (Hagerstown)**.
61. (2017-12-01) Sen AN, Fridley J, Sebastian S, Duckworth EAM. Intraoperative computed tomography angiography: a novel completion imaging modality for carotid endarterectomy. **Oper Neurosurgery (Hagerstown)**.
62. (2017-11-15) Müller-Greven G, Carlin CR, Burgett ME, Ahluwalia MS, Lauko A, Nowacki AS, Herting CJ, Qadan MA, Bredel M, Toms SA, Lathia JD, Hambardzumyan D, Sarkaria JN, Hamerlik P, Gladson CL. Macropinocytosis of Bevacizumab by Glioblastoma Cells in the Perivascular Niche Affects their Survival. **Clinical Cancer Research**
63. (2017-11-01) Magouliotis DE, Tasiopoulou VS, Svokos AA, Svokos KA, Chatedaki C, Sioka E, Zacharoulis D. Ursodeoxycholic Acid in the Prevention of Gallstone Formation After Bariatric Surgery: an Updated Systematic Review and Meta-analysis. **Obes Surg**.
64. (2017-11-01) Macki M, De la Garza-Ramos R, Murgatroyd AA, Mullinix KP, Sun X, Cunningham BW, McCutcheon BA, Bydon M, Gokaslan ZL. Comprehensive biomechanical analysis of three reconstruction techniques following total sacrectomy: an in vitro human cadaveric model. **J Neurosurgery Spine**.
65. (2017-11-01) Pedreira R, Abu-Bonsrah N, Karim Ahmed A, De la Garza-Ramos R, Rory Goodwin C, Gokaslan ZL, Sacks J, Sciubba DM. Hardware failure in patients with metastatic cancer to the spine. **J Clinical Neuroscience**.

66. (2017-10-01) Wagner R, Telfeian AE, Krzok G, Ipreburg M. Transforaminal endoscopic decompression for displaced end plate fracture after lateral lumbar interbody fusion: technical note. **World Neurosurgery**.
67. (2017-10-01) Ishida W, Elder BD, Holmes C, Lo SL, Goodwin CR, Kosztowski TA, Bydon A, Gokaslan ZL, Wolinsky JP, Sciubba DM, Witham TF. Comparison Between S2-Alar-Iliac Screw Fixation and Iliac Screw Fixation in Adult Deformity Surgery: Reoperation Rates and Spinopelvic Parameters. **Global Spine J**.
68. (2017-09-15) Charest-Morin R, Fisher CG, Varga PP, Gokaslan ZL, Rhines LD, Reynolds JJ, Dekutoski MB, Quraishi NA, Bilsky MH, Fehlings MG, Chou D, Germscheid NM, Luzzati A, Boriani S; AOSpine Knowledge Forum Tumor. En Bloc Resection Versus Intralesional Surgery in the Treatment of Giant Cell Tumor of the Spine. **Spine**.
69. (2017-09-01) Magouliotis DE, Tasiopoulou VS, Svokos AA, Svokos KA, Sioka E, Zacharoulis D. One-Anastomosis Gastric Bypass Versus Sleeve Gastrectomy for Morbid Obesity: a Systematic Review and Meta-analysis. **Obes Surg**.
70. (2017-09-01) De la Garza-Ramos R, Ramhmdani S, Kosztowski T, Xu R, Tassari R, Witham TF, Bydon A. Prognostic value of preoperative Nurick grade and time with symptoms in patients with cervical myelopathy and gait impairment. **World Neurosurgery**.
71. (2017-09-01) Versteeg AL, Dea N, Boriani S, Varga PP, Luzzati A, Fehlings MG, Bilsky MH, Rhines LD, Reynolds JJ, Dekutoski MB, Gokaslan ZL, Germscheid NM, Fisher CG. Surgical management of spinal osteoblastomas. **J Neurosurgery Spine**.
72. (2017-09-01) Sarabia-Estrada R, Ruiz-Valls A, Guerrero-Cazares H, Ampuero AM, Jimenez-Estrada I, De Silva S, Bernhardt LJ, Goodwin CR, Ahmed AK, Li Y, Phillips NA, Gokaslan ZL, Quiñones-Hinojosa A, Sciubba DM. Metastatic human breast cancer to the spine produces mechanical hyperalgesia and gait deficits in rodents. **Spine J**.
73. (2017-08-22) Martinez-Moreno M, O'Shea TM, Zepecki JP, Olaru A, Ness JK, Langer R, Tapinos N. Regulation of peripheral myelination through transcriptional buffering of Erg2 by an antisense long non-coding RNA. **Cell Reports**.
74. (2017-08-01) Koffer P, Chan J, Rava P, Gorovets D, Ebner D, Savir G, Kinsella T, Cielo D, Hepel JT. Repeat stereotactic radiosurgery for locally recurrent brain metastases. **World Neurosurgery**.
75. (2017-08-01) Sarabia-Estrada R, Ruiz-Valls A, Shah SR, Ahmed AK, Ordonez AA, Rodriguez FJ, Guerrero-Cazares H, Jimenez-Estrada I, Velarde E, Tyler B, Li Y, Phillips NA, Goodwin CR, Petteys RJ, Jain SK, Gallia GL, Gokaslan ZL, Quinones-Hinojosa A, Sciubba DM. Effects of primary and recurrent sacral chordoma on the motor and nociceptive function of hindlimbs in rats: an orthotopic spine model. **J Neurosurgery Spine**.
76. (2017-08-01) Clarke MJ, Molina CA, Fourney DR, Fisher CG, Gokaslan ZL, Schmidt MH, Rhines LD, Fehlings MG, Laufer I, Patel SR, Rampersaud YR, Reynolds J, Chou D, Bettegowda C, Mendel E, Weber MH, Sciubba DM. Systematic Review of the Outcomes of Surgical Treatment of Prostate Metastases to the Spine. **Global Spine J**.

77. (2017-07-19) **Asaad WF**, Lauro PM, Perge JA, Eskandar EN. Prefrontal neurons encode a solution to the credit-assignment problem. **J Neuroscience**.
78. (2017-07-01) **Galgano M**, Toshkezi G, Qiu X, Russell T, Chin L, Zhao LR. Traumatic brain injury: current treatment strategies and future endeavors. **Cell Transplant**.
79. (2017-07-01) Shankar GM, Clarke MJ, Ailon T, Rhines LD, Patel SR, Sahgal A, Laufer I, Chou D, Bilsky MH, Sciubba DM, Fehlings MG, Fisher CG, **Gokaslan ZL**, Shin JH. The role of revision surgery and adjuvant therapy following subtotal resection of osteosarcoma of the spine: a systematic review with meta-analysis. **J Neurosurgery Spine**.
80. (2017-06-01) **Telfeian AE**, **Oyelese AA**, **Gokaslan ZL**. Rhode Island Hospital's Contribution to the Field of Endoscopic Spine Surgery. **RI Medical Journal**.
81. (2017-06-01) **Fridley JS**, Hepel JT, **Oyelese AA**. Current treatment of metastatic spine tumors – surgery and stereotactic radiosurgery. **RI Medical Journal**.
82. (2017-06-01) Doberstein CA, **Torabi R**, **Klinge PM**. Current concepts in the pathogenesis, diagnosis, and management of type I Chiari malformations. **RI Medical Journal**
83. (2017-06-01) Doberstein CA, **Torabi R**, Yan SC, McTaggart R, **Doberstein C**, Jayaraman M. Current strategies in the surgical management of ischemic stroke. **RI Medical Journal**.
84. (2017-06-01) **Toms SA**, **Tapinos N**. Recent advances in the treatment of gliomas – comprehensive brain tumor center. **RI Medical Journal**.
85. (2017-06-01) Mao G, **Sampath P**, **Sengupta S**. Updates on chimeric antigen receptor-mediated glioblastoma immunotherapy. **RI Medical Journal**.
86. (2017-06-01) Sindhu K, **Syed S**, **Cielo D**. The role of radiation therapy in the treatment of metastatic brain disease. **RI Medical Journal**
87. (2017-06-01) **Telfeian AE**, Pusoni M, Hofstetter CP. Minimally invasive endoscopic spinal cord untethering: case report. **J Spine Surgery**.
88. (2017-06-01) Krzok G, **Telfeian AE**, Wagner R, Hofstetter CP, Ipreburg M. Contralateral facet-sparing sublaminar endoscopic foraminotomy for the treatment of lumbar lateral recess stenosis: technical note. **J Spine Surgery**.
89. (2017-06-01) Wagner R, **Telfeian AE**, Ipreburg M, Krzok G. Minimally invasive fully endoscopic two-level posterior cervical foraminotomy: technical note. **J Spine Surgery**.
90. (2017-06-01) Birjandian Z, Emerson S, **Telfeian AE**, Hofstetter CP. Interlaminar endoscopic lateral recess decompression-surgical technique and early clinical results. **J Spine Surgery**.
91. (2017-06-01) Golebiowski D, van der Bom IMJ, Kwon CS, Miller AD, Petrosky K, Bradbury AM, Maitland S, Kühn AL, Bishop N, Curran E, Silva N, GuhaSarkar D, Westmoreland SV, Martin DR,



- Gounis MJ, Asaad WF, Sena-Esteves M. Direct Intracranial Injection of AAVrh8 Encoding Monkey  $\beta$ -N-Acetylhexosaminidase Causes Neurotoxicity in the Primate Brain. **Human Gene Therapy**.
92. (2017-06-01) Akbar U, Asaad WF. A comprehensive approach to deep brain stimulation for movement disorders. **RI Medical Journal**.
  93. (2017-06-01) Gokaslan ZL. Introduction to Recent Advances in Neurosurgery. **RI Medical Journal**.
  94. (2017-06-01) Macki M, Uzosike A, Kerezoudis P, Bydon A, Bydon M, Gokaslan ZL. Duration of indwelling drain following instrumented posterolateral fusion of the lumbar spine does not predict surgical site infection requiring reoperation. **J Clinical Neuroscience**.
  95. (2017-05-30) LeBlanc BW, Cross B, Smith KA, Roach C, Xia J, Chao YC, Levitt J, Koyama S, Moore CI, Saab CY. Thalamic bursts down-regulate cortical theta and nociceptive behavior. **Sci Reports**.
  96. (2017-05-29) Doberstein C, Noor A, Choi D, Smith J, Groh D, Mermel L, Doberstein C. Cerebral epidural abscess secondary to Blastomyces masquerading as an epidermoid tumor. **Open Forum Infectious Disease**.
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