

CURRICULUM VITAE
JARED STEVEN FRIDLEY, M.D.

Dept. of Neurosurgery
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EDUCATION

Undergraduate	University of Texas at Austin Computer Science, B.A. 2000-2004.
Medical School	Baylor College of Medicine Medical Doctor (M.D.), 2005-2009.

POSTGRADUATE TRAINING

Residency	Baylor College of Medicine One Baylor Plaza, Houston, TX Neurosurgery, PGY1-7, 2009-2016.
Fellowship	Brown University/Lifespan Physician Group Complex Spine Surgery Instructorship, 2016-2017.

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

Rhode Island State Medical Board license,
2016-Current.

American Board of Neurological Surgery –
Board Certification, Nov 2020 – Current.

ACADEMIC APPOINTMENTS

Assistant Professor; Director of Spine
Surgery Outcomes Laboratory.
Department of Neurosurgery
Lifespan Physician Group, Brown
University Alpert Medical School
2017-Current.

HOSPITAL APPOINTMENTS

Clinical Director of Neurosurgery, Newport Hospital, Department of Neurosurgery, 2017-2019.

Clinical Faculty, Rhode Island Hospital, Department of Neurosurgery, 2016-Current.

HOSPITAL COMMITTEES

Medical Faculty Executive Committee (MFEC), 2020-2023.

MFEC – Recruitment and Retention Subcommittee, 2020-2021.

Trauma committee, 2020-current.

MEMBERSHIP IN SOCIETIES

American Academy of Neurological Surgeons, 2017-Current.

Congress of Neurologic Surgeons, 2017-Current.

AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, 2017-Current.

AANS/CNS Section on Tumor, 2017-Current.

New England Neurosurgical Society, 2018 – Current.

NATIONAL COUNCILS AND COMMITTEES

Spine Co-Editor, Neurosurgery Survival Guide, Congress of Neurological Surgeons, 11/2020 – Current

Spine Editor, SANS Lifelong Learning, Congress of Neurological Surgeons, 11/2020- Current

RESEARCH EXPERIENCE

1. ‘Intelligent spine interface’ 2019-Current
Sponsor Investigator. PI: David Borton, PhD. Brown University, Providence, RI.

2. ‘Microsimulation of the nucleus basalis in the macaque.’ 2012-2013
Research fellow. PI: Andreas Tolias, PhD. Baylor College of Medicine, Houston, TX.
3. ‘Neuronal correlation structure in macaque area V2.’ 2012-2013
Research fellow. PI: Andreas Tolias, PhD. Baylor College of Medicine, Houston, TX.
4. ‘Oculomotor, somatomotor, and cognitive function in Parkinson’s disease.’ 2008-2009
Research fellow. PI: Daniel Yoshor, MD. Baylor College of Medicine, Houston, TX.
5. ‘The role of NMDA receptor upregulation in phencyclidine-induced cortical apoptosis in organotypic culture.’ 2004
Student researcher. SURP program. PI: Kenneth Johnson, PhD. The University of Texas Medical Branch, Galveston, TX.

GRANTS AND RESEARCH SUPPORT

1. Intelligent Spine Interface – Commercial (ISI-C) 2020-21
Source: Department of Veterans Affairs
Role: Investigator, sub-award
Study PI: David Borton PhD (Brown Univ)
“Feasibility study to obtain pilot neurophysiology and clinical data, using commercially available epidural spinal electrodes, that are implanted into spinal cord injury patients.”
2. Intelligent Spine Interface (ISI) 2019-21
Source: DARPA
Role: Sponsor Investigator; Site PI for Rhode Island Hospital
Study PI: David Borton PhD (Brown Univ)
“The purpose of the intelligent spine interface (ISI) project is to develop an electrophysiologic understanding of spinal cord signaling pathways in the wounded warrior with spinal cord injury (SCI), and ultimately use this knowledge to develop an intelligent device capable of assisting in their function rehabilitation.”
3. VX15-210-101 (Co-PI) 2017-18
Source: Vertex Pharmaceuticals
Role: Co-PI

“A Phase 2b/3, Double-blind, Randomized, Placebo-controlled, Multicenter Study to Assess the Efficacy and Safety of VX-210 in Subjects with Acute Traumatic Cervical Spinal Cord Injury”

4. In Vivo-100-101 (Co-PI) 2016-17
Source: InVivo Therapeutics

Role: Co-PI

“The INSPIRE Study: InVivo Study of Probably Benefit of the Neuro-Spinal Scaffold *TM* for Safety and Neurologic Recovery in Subjects with Complete Thoracic AIS A Spinal Cord Injury”

PUBLICATIONS LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Wang C, **Fridley J**, Johnson KM. The role of NMDA receptor upregulation in phencyclidine-induced cortical apoptosis in organotypic culture. *Biochem Pharmacol.* 2005 May 1; 69(9):1373-83.
2. **Fridley JS**, Chamoun RB, Whitehead WE, Curry DJ, Luerssen TG, Adesina A, Jea A. Malignant rhabdoid tumor of the spine in an infant: case report and review of the literature. *Pediatr Neurosurg.* 2009; 45(3):237-43. Review.
3. Patel AJ, Adams GJ, Humphries WE, Rao VY, Fox BD, **Fridley J**, Gopinath SP. Multiple myeloma presenting as solitary mass in the posterior fossa. *J Clin Neurosci.* 2010 Nov; 17(11):1457-9.
4. **Fridley J**, Foroozan R, Sherman V, Brandt ML, Yoshor D. Bariatric surgery for the treatment of idiopathic intracranial hypertension. *J Neurosurg.* 2011 Jan; 114(1):34-9. Epub 2010 Jan 22. Review.
5. **Fridley J**, Adams G, Rao V, Patel A, Humphries W, Goodman C, Gopinath S. Small cell lung cancer metastasis in the pituitary gland presenting with seizures and headache. *J Clin Neurosci.* 2011 Mar; 18(3):420-2.

6. **Fridley J**, Thomas J, Kitagawa R, Chern J, Omeis I. Immediate development of a contralateral acute subdural hematoma following acute subdural hematoma evacuation. *J Clin Neurosci*. 2011 Mar; 18(3):422-3.
7. **Fridley J**, Mackey J, Hampton C, Duckworth E, Bershad E. A case of internal carotid artery dissection and stroke associated with wakeboarding. *J Clin Neurosci*. 2011 Sep; 18(9):1258-60.
8. **Fridley J**, Thomas J, Yoshor D. Brain stimulation for the treatment of epilepsy. *Neurosurg Focus*. 2012 Mar 32(3):E13.
9. Kahn L, **Fridley J**, Patel A, Gressot L, Kitagawa R, Goodman C, Gopinath S. Disseminated germinoma in the brain and cervical spinal cord 10 years after radiographic resolution of pineal germinoma. *J Clin Neurosci*. 2012 Jul; 19(7):1055-7.
10. **Fridley J**, Jea, A, Glover C, Nguyen K. Symptomatic postsurgical cerebrospinal fluid leak treated by aspiration and epidural blood patch under ultrasound guidance in two adolescents. *J Neurosurg Pediatr*. 2013 Jan; 11(1):87-90.
11. **Fridley J**, Adams G, Sun P, York M, Atassi D, Lai E, Viswanathan A, Yoshor D. The effect of deep brain stimulation on oculomotor function in Parkinson's disease patients with STN or GPI implants. *Stereotact Funct Neurosurg*. 2013; 91(2):113-21.
12. **Fridley J**, Reddy D, Curry D, Agadi S. Surgical treatment of pediatric epileptic encephalopathies. *Epilepsy Res Treat*. 2013; 2013:720841.
13. **Fridley J**, Fahim D, Omeis I. Free-hand placement of iliac screws for spinopelvic fixation based on anatomical landmarks: a technical note. *Int J of Spine Surgery*. 2014. Dec 1;8:1-9. doi: 10.14444/1003.
14. Kole M, **Fridley J**, Jea A, Bollo R. Currarino syndrome and spinal dysraphism. *J Neurosurg Pediatr*. 2014 Jun; 13(6):685-9.
15. **Fridley J**, Robertson C, Gopinath S. Quantitative lobar cerebral blood flow for outcome prediction after traumatic brain injury. *Journal of neurotrauma*. 2015 Jan 15;32(2):75-82.
16. Barry J, **Fridley J**, Sayama C, Lam S. Infected Subgaleal Hematoma Following Blunt Head Trauma in a Child: Case Report and Review of the Literature. *Pediatric neurosurgery*. 2014;50(4):223-8.
17. Gonda D, **Fridley J**, Ryan S, Briceño V, Lam SK, Luerssen T, Jea A. The safety and efficacy of use of low-molecular-weight heparin in pediatric neurosurgical patients. *Journal of Neurosurgery: Pediatrics*. 2015 Sep;16(3):329-34.

18. Srinivasan VM, **Fridley JS**, Thomas JG, Omeis I. Nuances in Localization and Surgical Treatment of Syringomyelia Associated with Fenestrated and Webbed Intradural Spinal Arachnoid Cyst: A Retrospective Analysis. *World Neurosurgery*. 2016 Mar 31;87:176-86.
19. Lam S, **Fridley J**, Desai VR, Srinivasan VM, Jea A, Luerssen TG, Pan IW. Pediatric National Surgical Quality Improvement Program: Useful for Quality Improvement in Craniosynostosis Surgery? *Journal of Craniofacial Surgery*. 2016 May 1;27(3):605-11.
20. Palejwala A, **Fridley J**, Jea A. Transsacral transdiscal L5–S1 screws for the management of high-grade spondylolisthesis in an adolescent. *Journal of Neurosurgery: Pediatrics*. 2016 Jun;17(6):645-50.
21. Momin E, Harsh V, **Fridley J**, Winnegan L, Omeis I. Reliability of treating asymptomatic traumatic type II dens fractures in patients over age 80: A retrospective series. *Journal of craniovertebral junction & spine*. 2015 Oct;6(4):166.
22. Srinivasan V, Karas P, Sen A, **Fridley J**, Gopinath S. Intracranial hypertension caused by occipital calvarial hemangioma: case report. *World Neurosurgery*. 2016.
23. Srinivasan V, Karas P, Sen A, **Fridley J**. Letter to the editor: The role of neurosurgeons in mild traumatic brain injury. *Journal of Neurosurgery*. Published online May 6, 2016; DOI: 10.3171/2015.12.
24. Palejwala A, **Fridley J**, Mata J, Samuel E, Luerssen T, Perlaky L, Kent T, Tour J, Jea A. Biocompatibility of reduced graphene oxide nanoscaffolds following acute spinal cord injury in rats. *Surgical Neurology International*. 2016;7.
25. Palejwala A, **Fridley J**, Garcia K, Vasudevan S, Khechoyan D, Rednam S, Koh CJ, Jea A. Hemisacrectomy with preservation of the contralateral sacral nerve roots and sacroiliac joint for pelvic neurofibrosarcoma in a 7-year-old child: case report with 2-year follow-up. *Journal of Neurosurgery: Pediatrics*. 2016 Sep:1-6.
26. Verla T, Winnegan L, **Fridley JS**, Omeis I. Reliable Intraoperative Repair Nuances of CSF Leak in Anterior Cervical Spine Surgery. *The Spine Journal*. 2016 Oct 1;16(10):S248-9.
27. Verla T, **Fridley JS**, Khan AB, Mayer RR, Omeis I. Neuromonitoring for intramedullary spinal cord tumor surgery. *World neurosurgery*. 2016 Nov 30;95:108-16.

28. Srinivasan VM, Karas PJ, Sen AN, **Fridley JS**, Chen SR, Gopinath SP. Occipital Artery Pseudoaneurysm After Posterior Fossa Craniotomy. *World Neurosurgery*. 2017 Feb 28;98:868-e1.
29. Sen AN, **Fridley J**, Sebastian S, Duckworth EA. Intraoperative Computed Tomography Angiography: A Novel Completion Imaging Modality for Carotid Endarterectomy. *Operative Neurosurgery*. 2017 Apr 10: opw036.
30. **Fridley JS**, Hepel JT, Oyelese AA. Current Treatment of Metastatic Spine Tumors—Surgery and Stereotactic Radiosurgery. *Rhode Island medical journal (2013)*. 2017 Jun 1;100(6):18.
31. Vedantam A, **Fridley JS**, Navarro JC, Gopinath SP. Management of Acute Unilateral Nondisplaced Subaxial Cervical Facet Fractures. *Operative Neurosurgery*. 2017 Jun 14.
32. Oyelese AA, **Fridley JS**, Choi D, Telfeian A, Gokaslan Z. 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*. 2017.
33. Galgano M, **Fridley J**, Oyelese A, Telfeian A, Kosztowski T, Choi D, Gokaslan Z. Surgical Management of Spinal Metastases. *Expert Review of Anticancer Therapy*. 2018.
34. Kosztowski TA, Choi D, **Fridley J**, Galgano M, Gokaslan Z, Oyelese A, Telfeian A. Lumbar Disc Reherniation after Transforaminal Lumbar Endoscopic Discectomy. *Ann Transl Med*, 2018.
35. Oyelese AA, Telfeian AE, Gokaslan ZL, Kosztowski TA, Choi D, **Fridley J**, Galgano M. Intra-operative CT Navigational Assistance for Transforaminal Endoscopic Decompression of Heterotopic Foraminal Bone Formation after Oblique Lumbar Interbody Fusion: Technical Note. *World Neurosurgery*, 2018 April.
36. Mehta N, Zavitsanos PJ, Moldovan K, Oyelese A, **Fridley JS**, Gokaslan Z, Kinsella TJ, Hepel JT. Local failure and vertebral body fracture risk using multi-fraction SBRT for spine metastases. *Advances in Radiation Oncology*. 2018 Apr 10.
37. Telfeian AE, Oyelese A, **Fridley J**, Gokaslan Z. Transforaminal endoscopic decompression for foot drop twelve years after lumbar total disc replacement. *World Neurosurgery*. 2018.

38. Telfeian A, Oyelese A, **Fridley J**, Gokaslan Z. Transforaminal endoscopic decompression in the setting of lateral lumbar Spondylolisthesis: technical note. *World Neurosurgery*, 2018.
39. **Fridley J**, Gokaslan Z. Editorial: Population description and clinical response assessment for spinal metastases: the SPINO group report. *Neuro-Oncology*. 2018.
40. Yu J, **Fridley J**, Gokaslan Z, Choi D, Kosztowski T, Galgano M, Telfeian A, Oyelese A. Minimally invasive thoracolumbar corpectomy and stabilization for unstable burst fractures using image intraoperative computed tomography and computer assisted spinal navigation. *World Neurosurgery*. 2018.
41. Shaaya E, **Fridley J**, Barber S, Syed S, Galgano M, Oyelese A, Telfeian A, Gokaslan Z. Posterior nerve-sparing multilevel cervical corpectomy and reconstruction for metastatic cervical spine tumors: case report and literature review. *World Neurosurgery*. 2018.
42. Soliman H, **Fridley J**, Telfeian A, Choi D, Galgano M, Kosztowski T, Gokaslan Z, Oyelese A. Minimally invasive, far lateral microdiscectomy with intraoperative CT navigational assistance and electrophysiological monitoring. *World Neurosurgery*. 2018.
43. Barber S, **Fridley J**, Konakondla S, Nahkla J, Oyelese A, Telfeian A, Gokaslan Z. Cerebrospinal fluid leaks after spine tumor resection: avoidance, recognition, and management. *Ann Transl Med*. 2019.
44. **Fridley J**, Gokaslan Z. The evolution of surgical management for vertebral column tumors. *J Neurosurgery: Spine*. 2019.
45. Lubner R, **Fridley J**, Choi D, Telfeian A, Cahill J, Gokaslan Z, Oyelese A. Cervical myelopathy presenting with an acute Horner's syndrome. *Interdisciplinary Neurosurgery*. 2019.
46. Konakondla S, Albers JA, Li X, Barber SM, Nakhla J, Houghton CE, **Fridley JS**, Telfeian AE, Oyelese AA, Gokaslan ZL. Maximizing sacral chordoma resection by precise 3-D tumor modeling in the OR using intra-operative CT registration with pre-operative MRI fusion and intraoperative neuronavigation: a case series. *World Neurosurgery*. 2019.

47. Telfeian AE, Oyelese A, **Fridley J**, Doberstein C, Gokaslan ZL. Prognosis for Recovery of Foot Drop after Transforaminal Endoscopic Decompression of Far Lateral Lumbar 5-Sacral 1 Herniated Disc: Case Series. *Pain physician*. 2019 Mar;22(2):E97-103.
48. Telfeian, A, Doberstein C, Oyelese A, **Fridley J**. A transforaminal approach for treatment of a lumbar perineural cyst: technical note. *World Neurosurgery*. 2019.
49. Barber S, **Fridley JS**, Gokaslan ZL. Commentary: Development of machine learning algorithms for prediction of 30-day mortality after surgery for spinal metastasis. *Neurosurgery*. 2019.
50. Moldovan K, Konakondla S, Barber SM, Nakhla J, **Fridley JS**, Telfeian AE, Gokaslan ZL, Oyelese AA. Intraoperative CT navigation-assisted resection of symptomatic intramedullary spinal cord cavernoma: a technical note and case report. *World Neurosurgery*. 2019.
51. Moldovan K, Telfeian AE, **Fridley JS**, Gokaslan ZL, Aghion D, Oyelese AA. Minimally Invasive Approach to Non-Missile Penetrating Spinal Injury with Resultant Retained Foreign Body: A Case Report and Review of the Literature. *Clinical Neurology and Neurosurgery*. 2019 Jul 1:105405.
52. Barber SM, Nakhla J, Konakondla S, **Fridley JS**, Oyelese AA, Gokaslan ZL, Telfeian AE. Outcomes of endoscopic discectomy compared with open microdiscectomy and tubular microdiscectomy for lumbar disc herniations: a meta-analysis. *Journal of Neurosurgery: Spine*. 2019 Sep 6;1(aop):1-4.
53. Barber SM, Konakondla S, Nakhla J, **Fridley JS**, Xia J, Oyelese AA, Telfeian AE, Gokaslan ZL. Spinal dural resection for oncological purposes: a systematic analysis of risks and outcomes in patients with malignant spinal tumors. *Journal of Neurosurgery: Spine*. 2019 Oct 18;1(aop):1-0.
54. Barber SM, Konakondla S, Nakhla J, **Fridley JS**, Xia J, Oyelese AA, Telfeian AE, Gokaslan ZL. Oncologic benefits of dural resection in spinal meningiomas: a meta-analysis of Simpson grades and recurrence rates. *Journal of Neurosurgery: Spine*. 2019 Nov 8;1(aop):1-1.
55. Telfeian AE, Oyelese A, **Fridley J**, Moldovan K, Gokaslan ZL. Transforaminal Endoscopic Approach for Lumbar Extraforaminal Synovial Cysts. *World Neurosurgery*. 2019 Nov 13.

56. Telfeian AE, Shen J, Ali R, Oyelese A, **Fridley J**, Gokaslan ZL. Incidence and implications of incidental durotomy in transforaminal endoscopic spine surgery: case series. *World Neurosurgery*. 2019 Nov 15.
57. James YH, Collins S, Liu DD, Leary OP, Merck D, Konakondla S, Nakhla J, Barber SM, Telfeian AE, Oyelese AA, Gokaslan ZL, **Fridley JS**. Objective indirect assessment of transverse ligament competence using quantitative analysis of 3D segmented flexion-extension computed tomography. *World Neurosurgery*. 2019 Dec 30.
58. Telfeian AE, Oyelese A, **Fridley J**, Ali R, Cielo D, Gokaslan ZL. A Transforaminal Endoscopic Surgical Technique for Treating Lumbar Disc Herniation in the Setting of Spina Bifida. *Case Reports in Neurological Medicine*. 2020.
59. Telfeian AE, Moldovan K, Shaaya E, Syed S, Oyelese A, **Fridley J**, Gokaslan ZL. Awake, Endoscopic Revision Surgery for Lumbar Pseudarthrosis after TLIF. *World Neurosurgery*. 2020 Jan 16.
60. Leary OP, Liu DD, Boyajian MK, Syed S, Camara-Quintana JQ, Niu T, Svokos KA, Crozier J, Oyelese AA, Liu PY, Woo AS, Gokaslan ZL, **Fridley JS**. Complex wound closure by plastic surgery following resection of spinal neoplasms minimizes postoperative wound complications in high-risk patients. *J Neurosurg Spine*. 2020 Feb 28:1-10.
61. Liu D, Camara J, Leary O, Syed S, Oyelese A, Telfeian A, Gokaslan Z, **Fridley J**, Niu T. Traumatic unilateral jumped facet joint in the upper thoracic spine: case report and review of the literature. *Surg Neurol Int*. 2020.
62. Shen J, Telfeian AE, Shaaya E, Oyelese A, **Fridley J**, Gokaslan ZL. Full endoscopic cervical spine surgery. *Journal of Spine Surgery*. 2020 Jun;6(2):383.
63. Telfeian AE, Oyelese A, **Fridley J**, Doberstein C, Gokaslan ZL. Endoscopic surgical treatment for symptomatic spinal metastases in long-term cancer survivors. *Journal of Spine Surgery*. 2020 Jun;6(2):372.
64. Leary ScB, O. P., Crozier, J., Liu ScB, D. D., Niu, T., Pertsch, N. J., Camara-Quintana, J. Q., Svokos, K. A., Syed, S. S., Telfeian, A. E., Oyelese, A. A., Woo, A. S., Gokaslan, Z. L., **Fridley, J. S**. 3D-Printed Anatomic Modeling for Surgical Planning and Real-Time

Operative Guidance in Complex Primary Spinal Column Tumors: Single-Center Experience and Case Series. *World neurosurgery*. 2020. S1878-8750(20)32164-1.

65. Telfeian AE, Shen J, Shaaya E, Oyelese A, **Fridley J**, Gokaslan Z. Transforaminal Endoscopic Solutions for Anterior Lumbar Interbody Fusion Complications. *World Neurosurgery*. 2020 Jul 29.
66. Syed S, Telfeian AE, Houle P, Wagner R, Oyelese A, **Fridley J**, Gokaslan ZL. Four Complications Associated with Lateral and Oblique Fusion Treatable with Endoscopic Spine Surgery: Technical Note and Case Series. *Pain Physician*. 2020 Nov;23(6):E665-E671. PMID: 33185385.
67. Sastry RA, **Fridley J**, Telfeian A, Gokaslan Z, Oyelese A. Image-guided resection of lumbar monostotic fibrous dysplasia: A case report and technical note. *Surgical Neurology International*. 2020 Oct 21;11(346):1.
68. Telfeian AE, Syed S, Oyelese A, **Fridley J**, Gokaslan ZL. Endoscopic Surgical Resection of the Retropulsed S1 Vertebral Endplate in L5-S1 Spondylolisthesis: Case Series. *Pain Physician*. 2020 Nov 1;23(6):E629-36.
69. **Fridley JS**, Syed S, Niu T, Leary OP, Gokaslan ZL. Presentation of spinal cord and column tumors. *Neuro-Oncology Practice*. 2020 Nov;7(Supplement_1):i18-24.
70. Liu DD, Rivera-Lane K, Leary OP, Pertsch NJ, Niu T, Camara-Quintana JQ, Oyelese AA, **Fridley JS**, Gokaslan ZL. Supplementation of Screw-Rod C1-C2 Fixation With Posterior Arch Femoral Head Allograft Strut. *Operative Neurosurgery*. 2020 Dec 2.
71. Konakondla S, Nakhla J, Xia J, Barber SM, **Fridley JS**, Oyelese AA, Gokaslan ZL, Rainov NG, Haritonov DG, Wagner R, Telfeian AE. A Novel Endoscopic Technique for Biopsy and Tissue Diagnosis for a Paraspinal Thoracic Tumor in a Pediatric Patient: A Case Report. *International Journal of Spine Surgery*. 2020 Dec 1.
72. Telfeian AE, Moldovan K, Shaaya E, Syed S, Oyelese A, **Fridley J**, Gokaslan ZL. Awake, Endoscopic Revision Surgery for Lumbar Pseudarthrosis After Transforaminal Lumbar Interbody Fusion: Technical Notes. *World Neurosurg*. 2020 Apr;136:117-121. doi: 10.1016/j.wneu.2020.01.048. Epub 2020 Jan 16. PMID: 31954887.
73. Telfeian AE, Oyelese A, **Fridley J**, Gokaslan ZL. Transforaminal Endoscopic Surgical Treatment for Posterior Migration of PEEK TLIF Cage: Case Series. *World Neurosurg*.

BOOKS AND BOOK CHAPTERS

1. Saab C, Borton D, **Fridley JS**, Barrios-Anderson A. AI and ML. Sang & Hulsebosch – Spinal Cord Injury Pain. Elsevier. 2020.
2. Niu T, Camara J, **Fridley J**, Wolinski JP, Rhines L, Gokaslan Z. Oncologic approaches, and outcomes for primary spine tumors. Steinmetz: Benzel’s spine surgery, 5th edition. Elsevier. 2020
3. Niu, T, **Fridley J**, Wolinski JP, Gokaslan ZL. Evaluation and treatment of benign tumors of the axial skeleton. Youmans & Winn Neurological Surgery, 8e. Elsevier. 2020.
4. **Fridley J**, Oyelese A, Gokaslan Z. Primary osseous and metastatic neoplasms of the CVJ. Surgery of the cranio-vertebral junction. Springer. 2020
5. Barber S, **Fridley J**, Donahue J, Rogg J, Gokaslan Z. Intradural extramedullary spinal tumors: histopathology and radiology. Tumors of the spinal canal: surgical approaches and future therapies. Springer. 2019.
6. Choi D, Konakondla S, Barber S, **Fridley J**, Gokaslan Z. Sacral Spinal Tumors. Spinal Cord Tumors. Arnautovic, Gokaslan (eds). Springer. 2019.
7. Kosztowski T, **Fridley J**, Gokaslan Z. Spinal cord ependymomas. Spinal Cord Tumors. Arnautovic, Gokaslan (eds). Springer. 2019.
8. Syed S, **Fridley J**, Anderson M, Kosztowski T, Oyelese A, Gokaslan Z. Malignancies of the spinal cord. Myelopathy: A guide to diagnosis and treatment. Greenberg, ed. Springer. 2019.
9. Galgano M, **Fridley J**, Gokaslan Z. Instrumented fusion after spinal cord resection. Spinal Cord Tumors. Arnautovic, Gokaslan (eds). Springer. 2019.
10. Choi D, Nam G, Groh D, Syed S, **Fridley J**, Gokaslan Z. Spinal Cord Anatomy. Spinal Cord Tumors. Arnautovic, Gokaslan (eds). Springer. 2019.

11. Li X, Kosztowski T, **Fridley J**, Gokaslan Z. Anterior Craniocervical Approach – Transmandibular. Spinal Tumor Surgery: A Case-Based Approach. Sciubba, eds. 2019.
12. Moldovan K, **Fridley J**, Kosztowski T, Gokaslan Z. Epidural Tumors and Metastases. Oncology of CNS Tumors, 3rd edition. Tonn J, Reardon D, Rutka J, Wesphal M (eds). Springer. 2019.
13. Galgano M, **Fridley J**, Gokaslan Z. Intradural Extramedullary Spinal Cord Tumors. Cases in Spinal Surgery, 1st edition. Harrop J, Maulucci C, Selden N. Oxford University Press. 2019.
14. Sen A, **Fridley J**, Curry R, Curry D. Hypothalamic Hamartomas. Neurosurgical Operative Atlas: Functional Neurosurgery, 3rd edition. Thieme. 2018.
15. Galgano M, Soliman H, **Fridley J**, Gokaslan Z. Complications of surgery for vertebral body tumors. Complications in Neurosurgery, 1st edition. Nanda A. Elsevier. 2018.
16. Soliman H, **Fridley J**, Oyelese T, Gokaslan Z. Management of Spinal Metastatic Tumors. Principles of Neurological Surgery, 3rd edition. Ellenbogen R, Sekhar L, Kitchen (Ed). Elsevier. 2018.
17. **Fridley J**, Oyelese A, Gokaslan Z. Occipitocervical and upper cervical metastatic spinal disease. Metastatic Spine Disease. Rex Marco, eds. Springer. 2018.
18. **Fridley J**, Oyelese A, Gokaslan Z. Primary osseous and metastatic neoplasms of the CVJ. Surgery of the Cranio-Vertebral Junction. Tessitore E, eds. Springer. 2018.
19. **Fridley J**, Jea A, Omeis I. Spinal cord injury without radiographic abnormality (SCIWORA). Neurosurgery case review, 2nd edition. Nader R, Sabbagh A, eds. Thieme, 2016.
20. Lam S, **Fridley J**, Sayama C, Daniels, B, Jea A. Congenital Anomalies of the Thoracic and Thoracolumbar Spine. In Fessler R, Sekhar L, eds: Atlas of Neurosurgical Techniques: Spine and Peripheral Nerves, 2nd edition. Thieme, New York. 2016.
21. Lam S, Okechi H, **Fridley J**. Epidural abscess. International Neurology. Lisak, eds. Wiley-Blackwell. June 2016.

22. Momin E, **Fridley J**, Jea A. Embryology of the spine. Handbook of spine surgery. Jallo Jack, eds. Thieme, 2015.
23. **Fridley J**, Momin E, Jea A. Abnormalities of the craniocervical junction and cervical spine. Handbook of spine surgery. Jallo Jack, eds. Thieme, 2015.
24. **Fridley J**, Shim Jai-Joon, Omeis I. Surgical decompression and stabilization for lumbar lesions: osteomyelitis and tumors. In “Surgical anatomy and techniques to the spine.” Kim Daniel, Cho Dosang, Dickman Curtis, Kim Ilsup, Lee SangKook, Vaccaro Alexander, eds. Elsevier, Second edition, 2013.
25. Adams G, **Fridley J**, Yoshor D. Surface anatomy as a guide to cerebral function. In “Clinical Brain Mapping.” Yoshor Daniel, Mizrahi Eli, eds. McGraw-Hill Professional, 2012.

ABSTRACTS

1. Reddy G, **Fridley J**, Chern J, Omeis I. A systematic review of stereotactic radiosurgery for spinal metastases. AANS Annual Meeting. 2011. Poster.
2. **Fridley J**, Adams, G, Sun, P, York, M, Atassi, D, Lai, E, Viswanathan, A, Yoshor, D. The effect of deep brain stimulation on oculomotor function in Parkinson’s disease patients with STN or GPi implants. Congress of Neurological Surgeons Annual Meeting October 2011. Also: 16th International Congress of Parkinson’s disease and Movement Disorders Annual Meeting June 2012. Oral Presentation.
3. Patel A, **Fridley J**, Omeis I. Outcomes in surgical management for adult degenerative lumbar scoliosis: a comparison of three different approaches. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting. 2012. Poster.
4. **Fridley J**, Robertson, C, Gopinath, S. Quantitative lobar cerebral blood flow may predict outcome in patients with moderate-severe traumatic brain injury. AANS Annual Meeting. 2013. Also: 15th International Conference on Intracranial Pressure and Brain Monitoring 2013. Oral Presentation.
5. **Fridley J**, Fahim D, Omeis I. Free-hand placement of iliac screws for spinopelvic fixation based on anatomical landmarks: a technical note. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting. 2014. Poster.

6. Cherian J, **Fridley J**, Sahni D, Duckworth E. A modern paradigm for peritoneal catheter insertion: single port optical access laparoscopic shunt insertion. CNS Annual Meeting. 2014. Poster.
7. **Fridley J**, Vedantam A, Gopinath S. Non-operative management of subaxial unilateral cervical facet fractures without subluxation. CNS Annual Meeting. 2014. Forum.
8. Srinivasan V, **Fridley J**, Omeis I. Radiographically occult intradural spinal arachnoid cysts causing syringomyelia. CNS Annual Meeting. 2014. Poster.
9. **Fridley J**, Lam S, Luerssen T, Pan. Using pediatrics national surgical quality improvement program (NSQIP) data to examine 30-day outcomes of craniostomy surgery. AANS/CNS Section on Pediatric Neurosurgery Annual Meeting. 2014. Poster.
10. Lam S, **Fridley J**, Jea A, Luerssen T, Pan. Using pediatrics national surgical quality improvement program (NSQIP) data to examine 30-day outcomes of posterior fossa tumor surgery. AANS/CNS Section on Pediatric Neurosurgery Annual Meeting. 2014. Poster.
11. Gonda D, **Fridley J**, Ryan S, Briceno V, Lam S, Luerssen T, Jea A. The safety and efficacy of use of low molecular weight heparin in pediatric neurosurgical patients. AANS/CNS Section on Pediatric Neurosurgery Annual Meeting. 2014. Poster.
12. Whitehead W, **Fridley J**. Streamlining fetal repair of myelomeningoceles. AANS/CNS Section on Pediatric Neurosurgery Annual Meeting. 2014. Oral Presentation.
13. Palejawala A, **Fridley J**, Mata J, Samuel, Luerssen T, Kent T, Perlaky L, Tour J, Jea A. Acute implantation of reduced graphene oxide scaffolds in spinal cord injury in rats. AANS/CNS Section on Pediatric Neurosurgery Annual Meeting. 2014. Oral Presentation.
14. Momin E, **Fridley J**, Winnegan L, Omeis I. Reliability of treating asymptomatic traumatic type II dens fractures in patients over age 80: a retrospective series. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. 2016. Oral presentation.
15. Shaaya E, Galgano M, **Fridley J**, Gokaslan Z. Posterior cervical corpectomy and decompression for tumor resection. AANS Annual Meeting. 2018. Poster.

16. Shaaya E, Meisner L, Barber S, Telfeian A, **Fridley J**. Intradural lumbar disc herniations: case series and review of the literature. AANS Annual Meeting. 2019. Poster.
17. Konakondla S, Li X, Albers A, **Fridley J**, Barber S, Nakhla J, Telfeian A, Oyelese A, Gokaslan Z. Maximizing sacral chordoma resection with augmented intra-operative navigation. AANS/CNS Section on Spine and Peripheral Nerves Annual Meeting. 2019. Oral Presentation.
18. Nakhla J, Gelfand Y, De la Garza R, Barber SM, Konakondla S, **Fridley J**, Oyelese AA, Telfeian, AE, Gokaslan ZL. “Predictors of 30-day Mortality and Morbidity in Patients Undergoing C1-C2 Fusion for the Surgical Treatment of C2 Fractures.” Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit, Miami, FL, March 2019.
19. Nakhla J, Gelfand Y, Moldovan K, De la Garza R, Barber SM, Konakondla S, **Fridley J**, Telfeian AE, Hepel J, Gokaslan ZL, Oyelese AA. “Evaluating Pain in Patients with and without Stabilization Surgery using Multifraction Stereotactic Body Radiation Therapy for Spine Metastases.” Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit, Miami, FL, March 2019.
20. Nakhla J, Gelfand Y, De La Garza R, Echt M, Barber S, Konakondla S, **Fridley J**, Oyelese A, Telfeian AE, Gokaslan ZL. “Hypoalbuminemia and Dependent Functional Status as Predictors for 30-Day Morbidity and Mortality in Patients Undergoing Surgical Treatment for C2 Body Fractures.” American Association of Neurological Surgeons Annual Scientific Meeting, San Diego, CA, April 2019.
21. Nakhla J, Gelfand Y, Moldovan K, De La Garza R, Barber S, Konakondla S, **Fridley J**, Telfeian AE, Oyelese A, Hepel JT, Gokaslan ZL. “Evaluating local control based on tumor volume using multifraction stereotactic body radiation therapy for spine metastases.” American Association of Neurological Surgeons Annual Scientific Meeting, San Diego, CA, April 2019.
22. Moldovan K, Gelfand Y, De la Garza R, Barber SM, Konakondla S, **Fridley J**, Telfeian AE, Gokaslan ZL, Hepel JT, Oyelese AA. “Evaluating kyphosis with and without stabilization surgery using multifraction stereotactic body radiation therapy for spine metastases.” American Association of Neurological Surgeons Annual Scientific Meeting, San Diego, CA, April 2019.

INVITED PRESENTATIONS

1. Brown Neurosurgery and Orthopaedic Surgery Cadaveric Spine Course; ‘Cervical Spine Trauma’, ‘Principles of lumbar sagittal deformity.’ June 2017. Local.
2. Clinical Nursing Education Sessions at Rhode Island Hospital; ‘Posterior Spinal Decompression and Fusion,’ and ‘Culture of Safety and Communication.’ October 2017. Local.
3. Second Annual Brown Interdisciplinary Spine Conference; ‘Lumbar Spine Operative Management.’ October 2017. Local.
4. Brown-Harvard-Yale Hands-on Spine Cadaver Course; ‘Sub-axial cervical spine and upper thoracic spine instrumentation.’ June 2018. Local.
5. Brown Dept. of Neurology Residency ‘Spinal cord disorders’ lecture series; ‘Surgical management of cervical myelopathy.’ June 2018. Local.
6. Brown-Harvard-Tufts-Yale Hands-on Spine Cadaver Course; ‘Surgical management of the craniocervical junction and sub-axial cervical spine.’ June 2019. Local
7. Fourth Annual Brown Interdisciplinary Spine Conference; ‘Minimally invasive spine surgery.’ October 2019. Local.
8. SANS Live: Controversies in the Management of Spinal Metastases. Congress of Neurological Surgeons. August 2020. National.
9. SANS Written Boards Review Course 2021. Congress of Neurological Surgeons. January 2021. National.

HOSPITAL TEACHING, ADVISING, AND MENTORING ROLES

2017-Current

Ward Attending/Operating Room Teaching

Education of medical students and residents in the inpatient setting and in the operating room.

2017-Current

Clinic Observership

Education of medical students and physician assistant students in neurosurgery clinic.

2017-Current

Complex Spine Instructorship Mentor

Teaching and assisting neurosurgery spine instructors, 2-3 per year ward spine patients.

2017-Current

Spine and spinal cord research

mentorship to medical students and residents.

Brown Mentees: Owen Leary, David Liu, Adriel Barros-Anderson, Bryan Zheng.