

February 12th, 2021

CURRICULUM VITAE
ALBERT TELFEIAN, M.D., Ph.D.

Rhode Island Hospital Neurosurgery
593 Eddy St., APC 6
Providence, RI 02903
Office: (401) 793-9153
Fax: (401) 444-2024
Atelfeian@lifespan.org

EDUCATION

Undergraduate Columbia University, Biochemistry, B.A. 1987
Medical School Brown University School of Medicine, 1987-1993, M.D., Ph.D.

POSTGRADUATE TRAINING

Post-Doctoral Fellow Yale Department of Neurosurgery, Human Epilepsy
Electrophysiology, 1993-1994
Residency Hospital of the University of Pennsylvania. Neurosurgery, 1994-
2001
Fellowships Centre Hospitalier Universitaire Vaudois, Lausanne,
Switzerland, Spine and Epilepsy-functional Neurosurgery
Fellowship, 2000
Children's Hospital of Philadelphia, Pediatric Neurosurgery
Fellowship, 2001-2002

POSTGRADUATE HONORS AND AWARDS

1991. Epilepsy Foundation of America Research Fellowship (Brown): *Epileptiform Discharge Propagation*
1993 American Federation for Clinical Research Award
1998 American Epilepsy Society Young Investigator Award
1998 American Association of Neurologic Surgeons Stereotactic and Functional Neurosurgery Research Award
2002 J. Kiffin Penry Pediatric Epilepsy Award
2005 Named Texas Tech Football Team Physician (2005-2011)
2005 High Plains Epilepsy Foundation “**Person of the Year**”
2007 Covenant Medical Center “**Surgeon of the Year**”
2010 Covenant Medical Center “**Surgeon of the Year**”
2011 Newsweek “**15 Leaders in Neurosurgery**”
2012 Named to **Board of Directors** of Society for Advanced Spine Intervention
2013 **Best Doctors** U.S. News & World Report 2011-2012
2013 **Top Doctors** Castle Connolly
2014 **Best Doctors** U.S. News & World Report 2011-2012
2014 **Top Doctors** Castle Connolly
2015 Selected as **Editor for Neurosurgery Focus February 2016: Endoscopic Spine Surgery**
2015 **Top Doctors** Castle Connolly
2015 **Parvis Kambin Science Award**: This award is a tribute to spine surgeons who have contributed to the progress of endoscopic spine surgery.
2015 **AO Spine Society Faculty**
2016 **Hand Shake Award**: This Award is in recognition of outstanding contributions to training and education in the field of Endoscopic Spine Surgery

- 2019 **Parvis Kambin Lifetime Achievement Award:** ESPINEA. Endoscopic Spine Academy, Royal College of Surgeons, Scotland
 2019 Annals of Translational Medicine **Outstanding Author Award**

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

American Board of Neurological Surgery, Board Certification 2004
 American Board of Neurological Surgery, Board Re-Certification 2012

Licenses to Practice Medicine: Rhode Island

ACADEMIC AND HOSPITAL APPOINTMENTS

September 2012-Present **Rhode Island Hospital/Hasbro Children’s Hospital**
 593 Eddy St., Providence, RI 02903
Professor of Neurosurgery
 The Warren Alpert Medical School of Brown University
Vice Chairman, Neurosurgery Quality Assurance
 Director Division of Pediatric Neurosurgery
 Director, Minimally Invasive Endoscopic Spinal Surgery

July 2011-July 2012 **Atlantic Neurosurgical Specialists**
 3700 Rt. 33, Neptune, NJ 07753

January 2004-June 2011 **Neurosurgical Associates, L.L.P.**
 3601 21st Street, Lubbock, TX 79410
Associate Professor of Neurosurgery
 Texas Tech University Health Sciences

Feb 2002 to Dec 2003 **Children’s Hospital of Philadelphia**
 University of Pennsylvania
Assistant Professor of Neurosurgery
 Philadelphia, Pennsylvania

OTHER APPOINTMENTS

Board Member: *World Congress of Minimally Invasive Spine Surgery & Techniques* 2018
 Editor *Neurosurgery Focus* Issues 2016 and 2021
 Associate Editor and Editorial Board member: *Interventional Pain Management Reports*
 Section Editor *Pain Physician*
 Editorial Board: *International Journal of Surgery Research and Practice*, and *Case Studies in Surgery*.
 Invited Editorial Reviews for *World Neurosurgery*, *Neurosurgery*, *Therapeutics and Clinical Risk Management*, *Clinical Orthopaedics & Related Research*, *Epilepsia*, *Neuroscience*, and *Journal of Neurophysiology*, *Journal of Orthopedic Surgery and Research*, *Journal of Orthopedic Research & Physiotherapy*, *Neurosurgery Focus*, *International Journal of Computer Assisted Radiology and Surgery*, *European Journal of Pain* and *Clinical Neurology and Neurosurgery*, *Annals of Surgical Oncology*, *International Journal of Spine Surgery*

HOSPITAL COMMITTEES

Pennsylvania Regional Epilepsy Program Committee 2002-2004
 Covenant Health System Trauma Committee 2004-2011
 High Plain Surgery Center Executive Committee, Chair 2006-2011
 Lubbock Neuroscience Institute Executive Committee 2006-2001
 High Plain Surgery Center Medical Credentialing Committee, Co-Chair 2006-2011
 High Plains Epilepsy Foundation Membership Committee 2006-2011
 Covenant Health System Medical Credentialing Committee 2010-2011
 Rhode Island Hospital Quality Committee 2012-present

Rhode Island Hospital Physician Liability Review Committee	2012-present
Rhode Island Hospital Comprehensive Epilepsy Committee	2012-present
Hasbro Children's Hospital Pediatric Oncology Group	2012-present
Hasbro Children's Hospital Pediatric Trauma Committee	2012-present
Rhode Island Hospital Credentialing Committee	2014-present
Mortality Conference Committee	2016-present

MEMBERSHIP IN SOCIETIES

American Federation for Clinical Research	1993
American Association of Neurologic Surgeons	1994
Congress of Neurological Surgeons	1996
American Board of Neurological Surgery	1997
American Epilepsy Society	2003
High Plains Epilepsy Foundation	2004
International Intradiscal Therapy Society	2009
Society for Minimally Invasive Spine Surgery	2009
Society for Advance Spinal Intervention (Founding Member)	2012
AANS/CNS Section on Pediatric Neurosurgery	2012
AANS/CNS Section on Spine/Peripheral Nerve Surgery	2014
World Congress of Minimally Invasive Spine Surgery & Techniques (Board Member)	2018

SPECIALTY CERTIFICATION

National Board of Medical Examiners Part I	1989
National Board of Medical Examiners Part II	1992
National Board of Medical Examiners Part III	1995
American Board of Neurological Surgery, Primary Examination	1997
American Board of Neurological Surgery, Board Certification	2004
American Board of Neurological Surgery, Board Re-Certification	2012

PUBLICATION LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Telfeian AE**, Oyelese A, Fridley J, Gokaslan ZL. Transforaminal Endoscopic Surgical Treatment for Posterior Migration of PEEK TLIF Cage: Case Series. World Neurosurg. 2020 Dec 22:S1878-8750(20)32647-4.
2. Sastry RA, Fridley J, **Telfeian A**, Gokaslan Z, Oyelese A. Image-guided resection of lumbar monostotic fibrous dysplasia: A case report and technical note. Surg Neurol Int. 2020 Oct 21;11:346.
3. 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
4. Shen J, **Telfeian AE**. Fully Endoscopic 360° Decompression Surgery for Thoracic Spinal Stenosis: Technical Note and Report of 8 Cases. Pain Physician. 2020 Nov;23(6):E659-E663.
5. **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;23(6):E629-E636.
6. Leary ScB OP, Crozier J, Liu ScB DD, Niu T, Pertsch NJ, Camara-Quintana JQ, Svokos KA, Syed SS, **Telfeian AE**, Oyelese AA, Woo AS, Gokaslan ZL, Fridley JS. 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 Neurosurg. 2020 Sep 30:S1878-8750

7. **Telfeian AE**, Shen J, Shaaya E, Oyelese A, Fridley J, Gokaslan Z. Transforaminal Endoscopic Solutions for ALIF Complications. *World Neurosurg.* 2020 Jul 28;S1878-8750(20)31589-8.
8. Shen J, **Telfeian AE**, Shaaya E, Oyelese A, Fridley J, Gokaslan ZL. Full endoscopic cervical spine surgery. *J Spine Surg* 2020;6(2):383-390.
9. **Telfeian AE**, Oyelese A, Fridley J, Doberstein C, Gokaslan ZL. Endoscopic surgical treatment for symptomatic spinal metastases in long-term cancer survivors. *J Spine Surg* 2020;6(2):372-382
10. Hofstetter CP, Ahn Y, Choi G, Gibson JNA, Ruetten S, Zhou Y, Li ZZ, Siepe CJ, Wagner R, Lee JH, Sairyo K, Choi KC, Chen CM, **Telfeian AE**, Zhang X, Banhot A, Lokhande PV, Prada N, Shen J, Cortinas FC, Brooks NP, Van Daele P, Kotheeranurak V, Hasan S, Keorochana G, Assous M, Härtl R, Kim JS. AOSpine Consensus Paper on Nomenclature for Working-Channel Endoscopic Spinal Procedures. *Global Spine J.* 2020 Apr;10(2 Suppl):111S-121S.
11. **Telfeian AE**, Wagner R. Minimally-invasive, Endoscopic Spine Surgical Techniques for Treating Radiculopathy Secondary to Sacroiliac Joint Fusion Complications: Case Series. *Pain Medicine Case Reports*, in press.
12. Konakondla S, Sofoluke N, Xia J, Grant R, **Telfeian AE**, Hofstetter CP, Slotkin JR. Transforaminal Endoscopic Approach for Large-Sample Tumor Biopsy using Beveled Working Channel for Core Technique: A Technical Note. *World Neurosurg.* 2020 May 19;S1878-8750(20)31067-6
13. Liu DD, Camara-Quintana JQ, Leary OP, Syed S, Oyelese AA, **Telfeian AE**, Gokaslan ZL, Fridley JS, Niu T. Traumatic unilateral jumped facet joint in the upper thoracic spine: Case presentation and literature review. *Surg Neurol Int.* 2020 Apr 25;11:77.
14. **Telfeian AE**, Oyelese A, Fridley J, Ali R, Cielo D, Gokaslan ZL. Transforaminal Endoscopic Surgical Technique for Treating Lumbar Disc Herniation in the Setting of Spina Bifida, *Case Rep Neurol Med.* 2020; 2020: 1076847
15. **Telfeian AE**, Moldovan K, Shaaya E, Syed S, Oyelese A, Fridley J, Gokaslan ZL. Awake, Endoscopic Revision Surgery for Lumbar Pseudarthrosis after TLIF: Technical Note. *World Neurosurg.* 2020 Jan 16. pii: S1878-8750(20)30056-5. doi: 10.1016/j.wneu.2020.01.048
16. Yu JYH, 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 Neurosurg.* 2020 Apr;136:e223-e233
17. **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 Neurosurg.* 2020 Feb;134:e951-e955
18. **Telfeian AE**, Oyelese A, Fridley J, Moldovan K, Gokaslan ZL. Transforaminal Endoscopic Approach for Lumbar Extraforaminal Synovial Cysts: Technical Note. *World Neurosurg.* 2020 Feb;134:415-419.
19. Houle P, **Telfeian AE**, Wagner R, Bae J. Interspinous endoscopic lumbar decompression: technical note. *AME Case Rep.* 2019 Oct 16;3:40. doi: 10.21037/acr.2019.09.07. eCollection 2019. PMID: 31728438
20. 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.. *J Neurosurg Spine.* 2019 Nov 8:1-11. doi: 10.3171/2019.8.SPINE19859. [Epub ahead of print] Review.
21. 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.. *J Neurosurg Spine.* 2019 Oct 18:1-10. doi: 10.3171/2019.7.SPINE19477. [Epub ahead of print] Review.

22. 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. *J Neurosurg Spine*. 2019 Oct 18;1-10. doi: 10.3171/2019.7.SPINE19477.
23. Houle P, **Telfeian A**, Wagner R, Bae J. Interspinous endoscopic lumbar decompression." *AME Case Reports* 3 (2019).
24. 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. *J Neurosurg Spine*. 2019 Sep 6;1-14. doi: 10.3171/2019.6.SPINE19532
25. 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. *Clin Neurol Neurosurg*. 2019 Jul 1;184:105405. doi: 10.1016/j.clineuro.2019.105405.
26. Barber SM, Fridley JS, Konakondla S, Nakhla J, Oyelese AA, Telfeian AE, Gokaslan ZL. Cerebrospinal fluid leaks after spine tumor resection: avoidance, recognition and management. *Ann Transl Med*. 2019 May;7(10):217. doi: 10.21037/atm.2019.01.04. Review.
27. 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 Neurosurg*. 2019 Jun 20. pii: S1878-8750(19)31653-5. doi: 10.1016/j.wneu.2019.06.101.
28. **Telfeian AE**, Doberstein C, Oyelese AA, Fridley J, Donahue JE, Gokaslan Z. A Transforaminal Endoscopic Approach for Treatment of a Lumbar Perineural Cyst: Technical Note. *World Neurosurg*. 2019 Apr 4. pii: S1878-8750(19)30741-7.
29. Ibrahim R, **Telfeian AE**, Gohlke K, Decker O. Endoscopic Radiofrequency Treatment of the Sacroiliac Joint Complex for Low Back Pain: A Prospective Study with a 2-Year Follow-Up. *Pain Physician*. 2019 Mar;22(2):E111-E118.
30. **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-E103.
31. Konakondla S, Albers JA, Li X, Barber SM, Nakhla J, Houghton CE, **Telfeian AE**, Oyelese AA, Fridley JS, Gokaslan ZL. Maximizing Sacral Chordoma Resection by Precise 3-Dimensional Tumor Modeling in the Operating Room Using Intraoperative Computed Tomography Registration with Preoperative Magnetic Resonance Imaging Fusion and Intraoperative Neuronavigation: A Case Series. *World Neurosurg*. 2019 Feb 18. pii: S1878-8750(19)30376-6. doi: 10.1016/j.wneu.2019.01.257.
32. Lubner RJ, Fridley J, Choi DB, **Telfeian AE**, Cahill JF, Gokaslan AL, Oyelese AA. Cervical myelopathy presenting with an acute Horner's syndrome. *Interdisciplinary Neurosurgery*, 2019-09-01, Volume 17, Pages 19-22.
33. 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 Neurosurg*. 2018 Nov 14. pii: S1878-8750(18)32567-1. doi: 10.1016/j.wneu.2018.11.020
34. 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 Neurosurg. 2018 Nov 14. pii: S1878-8750(18)32574-9. doi: 10.1016/j.wneu.2018.11.027

35. Shaaya E, Fridley J, Barber SM, Syed S, Xia J, 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 Neurosurg.* 2018 Nov 14. pii: S1878-8750(18)32557-9. doi: 10.1016/j.wneu.2018.11.010.
36. Sen RD, White-Dzuro G, Ruzevick J, Kim CW, Witt JP, **Telfeian AE**, Wang MY, Hofstetter CP. Intra- and Perioperative Complications Associated with Endoscopic Spine Surgery: A Multi-Institutional Study. *World Neurosurg.* 2018 Dec;120:e1054-e1060. doi: 10.1016/j.wneu.2018.09.009. Epub 2018 Sep 11.
37. 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 Neurosurg.* 2018 Nov;119:349-352. doi: 10.1016/j.wneu.2018.08.110. Epub 2018 Aug 24.
38. **Telfeian AE**, Oyelese AA, Fridley J, and Gokaslan ZL, Transforaminal Endoscopic Decompression in the Setting of Lateral Lumbar Spondylolisthesis: Technical Note, *World Neurosurgery*, 2018 Sep;117:321-325.
39. **Telfeian AE**, Oyelese A, Fridley J, Gokaslan ZL Transforaminal Endoscopic Decompression for Foot Drop 12 Years After Lumbar Total Disk Replacement. *World Neurosurg.* 2018 Aug;116:136-139. doi: 10.1016/j.wneu.2018.05.089. Epub 2018 May 19.
40. Galgano M, Choi D, Fridley J, Kosztowski TA, Gokaslan Z, Oyelese A, Telfeian A. Surgical management of spinal metastases. *Expert Rev Anticancer Ther.* 2018 May;18(5):463-472. doi: 10.1080/14737140.2018.1453359. Epub 2018 Apr 2
41. Carayannopoulos A, **Telfeian AE**, Scarfo K, Kim SG, Gokaslan Z, Oyelese A, Fridley J. Preoperative Surveillance Thoracic MRI for Thoracic Dorsal Column Stimulation: Case Series. *IPM Reports*, in press
42. 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 Neurosurg.* 2018 Jul;115:29-34. doi: 10.1016/j.wneu.2018.03.188. Epub 2018 Apr 5
43. 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 Mar;6(6):106.
44. Oyelese AA, Fridley J, Choi DB, **Telfeian A**, Gokaslan ZL. Minimally Invasive, Direct Lateral, Retroperitoneal Transforaminal Approach for Large L1-2 Disc Herniations with Intra-operative CT Navigational Assistance: A Technical Note and Report of Three Cases. *J Neurosurg Spine.* 2018 Jul;29(1):46-53. doi: 10.3171/2017.11.SPINE17509. Epub 2018 Apr 20.
45. **Telfeian AE**, Oyelese AA, Gokaslan ZL. Rhode Island Hospital's Contribution to the Field of Endoscopic Spine Surgery. *R I Med J* (2013). 2017 Jun 1;100(6):34-38.
46. Krzok G, **Telfeian A**, Wagner R, Ipreburg M. Contralateral facet-sparing sublaminar endoscopic foraminotomy for the treatment of lumbar lateral recess stenosis: technical note. *J Spine Surg*, Vol 3, No 2, June 2017.

47. Birjandian Z, Emerson S, **Telfeian AE**, Hofstetter CP. Interlaminar endoscopic lateral recess decompression – surgical technique and early clinical results. *J Spine Surg*, Vol 3, No 2, June 2017.
48. Wagner R, **Telfeian AE**, Ipreburg, Krzok G. Transforaminal Endoscopic Decompression for a Displaced Endplate Fracture after Lateral Lumbar Interbody Fusion: Case Report. *World Neurosurg*, 2017 Jun 20. pii: S1878-8750(17)30976-2. doi: 10.1016/j.wneu.2017.06.084. [Epub ahead of print].
49. Wagner R, **Telfeian AE**. Fully-Endoscopic Lumbar Laminectomy for Central and Lateral Recess Stenosis: Technical Note. *Interdisc Neurosurgery*, 13 (2018) 6-9.
50. Wagner R, **Telfeian AE**, Ipreburg, Krzok G. A Minimally-Invasive Fully-Endoscopic 2-level Posterior Cervical Foraminotomy: Technical Note. *J Spine Surg*, Vol 3, No 2, June 2017.
51. Carnevale JA, **Telfeian A**, Morrison JF, Asaad W. T-Connector Modification for Reducing Recurrent Distal Shunt Failure: Report of 2 Cases. *Oper Neurosurg (Hagerstown)*. 2017 Dec 1;13(6):E33-E36.
52. **Telfeian A**, Punsoni M, Hofstetter CP. Minimally-Invasive Endoscopic Spinal Cord Untethering: Case Report. *J Spine Surg*, Vol 3, No 2, June 2017.
53. **Telfeian A**. 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 Surg*. 2018 Mar;4(1):162-166. doi: 10.21037/jss.2018.03.08
54. **Telfeian A**. Transforaminal Endoscopic Surgery for Adjacent Segment Disease after Lumbar Fusion. *World Neurosurgery*, 2016, Oct 7 pii: S1878-8750(16)30956-1.
55. Krzok G, **Telfeian A**, Wagner R, Ipreburg M. Transpedicular Endoscopic Surgery for Lumbar Spinal Synovial Cyst – Report of 2 Cases. *J Spine Surg*, 2016 Dec;2(4):310-313. doi: 10.21037/jss.2016.09.02.
56. Krzok G, **Telfeian A**, Wagner R, Ipreburg M. Transpedicular Endoscopic Surgery – a new technique in far sequestered disc herniation. *World Neurosurgery*, 2016 Aug 16. pii: S1878-8750(16)30684-2.
57. Wagner R, **Telfeian AE**, Ipreburg, Krzok G. Transforaminal Endoscopic Foraminoplasty and Discectomy for the Treatment of a Thoracic Disc Herniation: Case Illustration. *World Neurosurgery*, 2016; 90:194-8.
58. **Telfeian A**, Wagner R, Ipreburg M. Distance Patients Will Travel for Minimally Invasive Spine Surgery. *Pain Physician*, 2017 Jan-Feb;20(1):E145-E149.
59. Wagner R, **Telfeian AE**, Ipreburg, Krzok G. A Transforaminal Endoscopic Solution to a Kyphoplasty Complication: Case Report. *World Neurosurgery*, 2016; 91:195-
60. Pucci FG, **Telfeian AE**, Gokaslan ZL, Oyelese AA. Minimally Invasive Methodologies in the Treatment of Spinal Metastatic Disease. *World Spinal Column Journal*, 2016, Volume 7, Number 1, Page(s) 031-044
61. Wagner R, Ipreburg, **Telfeian AE**. Transforaminal Endoscopic Decompression of a Postoperative Dislocated Bone Fragment after a Two Level Lumbar Total Disc Arthroplasty: Case Report. *J Neurosurg Focus*, 2016;Feb;40(2):E8.
62. Ipreburg M, Wagner R, Godschalx A, **Telfeian AE**. Patient Radiation Exposure during Transforaminal Endoscopic Spine Surgery: A Prospective Study. *J Neurosurg Focus*, 2016;Feb;40(2):E7.

63. **Telfeian AE**, Veeravagu A, Oyelese AA, Gokaslan Z. A Brief History of Endoscopic Spine Surgery. *J Neurosurg Focus*, 2016;Feb;40(2):E2.
64. **Telfeian AE**. Technical Considerations in Transforaminal Endoscopic Spine Surgery at the Thoracolumbar Junction. *J Neurosurg Focus*, 2016;Feb;40(2):E9.
65. Hardenbrook M, **Telfeian AE**, Lombardo S, Wilson MC. The Anatomic Rationale for Transforaminal Endoscopic Interbody Fusion: A Cadaveric Analysis. *J Neurosurg Focus*, 2016;Feb;40(2):E12.
66. Gokaslan ZL, **Telfeian AE**, Wany MY. Introduction: Endoscopic Spine Surgery. *Neurosurg Focus*, 2016 Feb;40(2):E1.
67. **Telfeian AE**, Choi DB, Aghion DM,. Transforaminal endoscopic surgery under local analgesia for ventral epidural thoracic spinal tumor: Case report. *Clin Neurol Neurosurg*, 2015;134:1-3.
68. **Telfeian AE**. Endoscopic Foraminotomy for Recurrent Lumbar Radiculopathy after TLIF. *Surg Neurol Int*, 2015;6(62):1-4.
69. **Telfeian AE**, Jasper GP, Francisco GM. Transforaminal Endoscopic Treatment of Lumbar Radiculopathy after Instrumented Lumbar Spine Fusion. *Pain Phys*, 2015;18(2):179-84.
70. **Telfeian AE**. Transforaminal Endoscopic Solution to Disc Reherniation Post-mini-TLIF: Technical Note. *Clin Neurol Neurosurg*, 2015;131:69-71.
71. Jasper GP, Francisco GM, Doberstein C, Cielo D, **Telfeian AE**. Clinical Benefits of Ultra-Minimally Invasive Spine Surgery in Awake Obese Patients in an Outpatient Setting: A Retrospective Evaluation of Transforaminal Endoscopic Discectomy with Foraminotomy, *JSM Neurosurg Spine* 2014 1041;2(5):1-5.
72. Jasper GP, Francisco GM, Aghion D, **Telfeian AE**. Transforaminal Endoscopic Discectomy with Foraminoplasty for the Treatment of Spondylolisthesis. *Pain Phys* 2014 Dec;17(16):E703-E708.
73. Jasper GP, Francisco GM, Aghion D, **Telfeian AE**. Awake, Ultra-Minimally Invasive Endoscopic Treatment of Lumbar Disc Herniations. *R I Med J* 2014 Jun;97(6):47-9.
74. Jasper GP, Francisco GM, Aghion D, **Telfeian AE**. Technical Considerations in Transforaminal Endoscopic Discectomy with Foraminoplasty for the Treatment of Spondylolisthesis: Case Report. *Clin Neurol Neurosurg* 2014 Apr;119:84-7.
75. Jasper GP, Francisco GM, **Telfeian AE**. Clinical success of transforaminal endoscopic discectomy with foraminotomy: A retrospective evaluation. *Clin Neurol Neurosurg* 2013 Jul S0303-8467.
76. Jasper GP, Francisco GM, **Telfeian AE**. Endoscopic transforaminal surgery for an extruded lumbar disc herniation. *Pain Phys* 2013 Jan;16(1):E31-5.
77. Jasper GP, Francisco GM, **Telfeian AE**. Clinical success of ultra-minimally invasive spine surgery in awake geriatric patients in an outpatient setting: a retrospective evaluation of transforaminal endoscopic discectomy with foraminotomy. *Pain Phys* 2013 May-Jun;16(3):225-9.
78. Smith SE, Kirkham FJ, , Deveber G, Millman G, Dirks PB, Wirrell E, **Telfeian AE**, Sykes K, Barow K, Ichord R. Outcome following decompressive craniectomy for

- malignant middle cerebral artery infarction in children. *Dev Med Child Neurol* 2010 Aug 30.
79. Simon SL, Auerbach JD, Garg S, Sutton L, **Telfeian AE**, Dormans JP. Efficacy of spinal instrumentation and fusion in the prevention of postlaminectomy spinal deformity in children with intramedullary spinal cord tumors. *J Pediatr Orthop* 2008 vol 28, No. 2.
 80. Porter BE, Zhang G, Celix J, Hsu FC, Raol YH, **Telfeian AE**, Gallagher PR, Coulter DA, Brooks-Kayal AR. Heterogeneous GABAA receptor subunit expression in pediatric epilepsy patients. *Neurobiol Dis* 2005 Apr;18(3):484-91.
 81. Sestokas AK, **Telfeian AE**, Duhaime AC, Sutton L, Sestokas LO, Schwartz DM. Intraoperative motor cortex mapping in children with intractable seizures using motor evoked potential (MEP) threshold gradients. *J Clin Neurophys* 2005 Oct;22(5).
 82. **Telfeian AE**, Judkins A, Younkin D, Pollock AN, Crino P. Subependymal giant cell astrocytoma with cranial and spinal metastases in a patient with tuberous sclerosis. *J Neurosurg (Pediatrics 5)* 2004;100:498-501.
 83. **Telfeian AE**, Landa J, Drummond D. Congenital formation of an intraspinal osseous vertebral ring causing spinal cord compression. *Spine* 2004 Jan;29(1):E1-3.
 84. **Telfeian AE**, Connors BW. Widely integrative properties of layer 5 pyramidal cells support a role for processing of extralaminar synaptic inputs in rat neocortex. *Neurosci Lett* 2003 Jun 5;343(2):121-4.
 85. **Telfeian AE**, Tseng H, Baybis M, Crino PB, Dichter MA. Differential expression of GABA and glutamate-receptor subunits and enzymes involved in GABA metabolism between electrophysiologically identified hippocampal CA1 pyramidal cells and interneurons. *Epilepsia*. 2003 Feb;44(2):143-9.
 86. Simon S, **Telfeian AE**, Duhaime AC. Complications of invasive monitoring used in intractable pediatric epilepsy. *Ped Neurosurg* 2003;38(1):47-52.
 87. **Telfeian AE**, Berqvist C, Danielak C, Simon S, Duhaime AC. Recovery of language after left hemispherectomy in a sixteen-year-old girl with late-onset seizures. *Ped Neurosurg* 2002;37(1):19-2.
 88. Kleopa KA, Sutton LN, Ong JG, Tennekoon G, **Telfeian AE**. Conus-cauda compression from nerve root hypertrophy in a child with Dejerine Sottas syndrome: Improvement with laminectomy and duraplasty. *J Neurosurg* 2002;97(2Suppl):244-7.
 89. **Telfeian AE**, Reiter GT, Durham SR, Marcotte PM. Spine surgery in patients with morbid obesity. *J Neurosurg* 2002;97(1 Suppl):20-4.
 90. **Telfeian AE**, Marcotte PM. Tandem interbody fusion grafting following cervical vertebrectomy. *Spine* 2001;26(11):1287-9.
 91. **Telfeian AE**, Philips MF, Judy K. Postoperative seizure incidence in patients undergoing craniotomy for glioblastoma multiforme. *J Clin Cancer Res* 2001;20(1):5-10.
 92. Connors BW, Pinto DJ, **Telfeian AE**. Local pathways of seizure propagation in neocortex. *Int Rev Neurobiol* 2001;45:527-46.
 93. Boockvar JA, **Telfeian AE**, O'Rourke DM, Marcotte P. Results and risk factors for anterior cervicothoracic junction surgery. *J Neurosurg* 2001;94(1 Suppl):12-7.

94. **Telfeian AE**, Federoff HJ, Leone P, During MJ, Williamson A. Overexpression of GluR6 in rat hippocampus produces seizures and spontaneous nonsynaptic bursting in vitro. *Neurobiol Dis* 2000;7(4):362-74.
95. Boockvar JA, **Telfeian AE**, Baltuch GH, Skolnick B, Simuni T, Stern M, Schmidt ML, Trojanowski JQ. Long-term deep brain stimulation in a patient with essential tremor: clinical response and postmortem correlation with stimulator termination sites in ventral thalamus. Case report. *J Neurosurg* 2000;93(1):140-4.
96. **Telfeian AE**, Boockvar JA, Simuni T, Jaggi J, Skolnick B, Baltuch GH. Efficacy of unilateral deep brain stimulation of the thalamic ventralis intermedialis nucleus in a patient with bipolar disorder associated with Klinefelter syndrome and essential tremor. Case report. *J Neurosurg* 2000;93(1):127-8.
97. Connors BW, **Telfeian AE**. Dynamic properties of cells, synapses, circuits and seizures in neocortex. In: Neocortical Epilepsies, Williamson PD et al. (eds), *Adv Neurol* 84, 2000.
98. **Telfeian AE**, Connors BW. Epileptiform propagation patterns mediated by NMDA and non-NMDA receptors in rat neocortex. *Epilepsia* 1999;40(11):1499-506.
99. **Telfeian AE**, Spencer DD, Williamson A. Lack of correlation between neuronal hyperexcitability and electrocorticographic responsiveness in epileptogenic human neocortex. *J Neurosurg* 1999;90(5):939-45.
100. **Telfeian AE**, Connors BW. Layer-specific pathways for the horizontal propagation of epileptiform discharges in neocortex. *Epilepsia* 1998;39(7):700-8.
101. Williamson A, **Telfeian AE**, Spencer DD. Prolonged GABA responses in dentate granule cells in slices isolated from patients with temporal lobe sclerosis. *J Neurophysiol* 1995;74(1):378-87.

OTHER NON-PEER REVIEWED PUBLICATIONS

Telfeian AE, Dlugos D. Would you recommend early surgery for these epilepsy patients? *Practical Neurology* 2004 Mar vol. 3, No. 3.

Telfeian AE. A neurologist's guide to imaging in epilepsy surgery. *Practical Neurology* 2003 Oct vol. 2, No. 10.

BOOK CHAPTERS

Shen J, Bae J, **Telfeian AE**. Endoscopic Approaches to the Cervical Spine. In: Benzel's Spine Surgery, 5th Edition.

Telfeian AE. Multiple Subpial Transections. In: Epilepsy Surgery, Villemure JG et al. (eds), Thieme 2020.

Telfeian AE. Technology: Endoscope in MISS: How to Adopt and Change. In: Ten Step Techniques for Minimally Invasive Spine Surgery by Drs. Roger Hartl and Rodrigo Navarro-Ramirez. 2018

Galgano M, Gokaslan Z, **Telfeian AE**, Oyelese A. Surgical management of spinal metastases. In: Expert Review of Anticancer Therapy. 2018

Telfeian AE. Multiple Subpial Transections. In: Epilepsy Surgery, Villemure JG et al. (eds), Thieme 2008.

Telfeian AE, Celix J, Dichter MA. Molecular mechanisms of epilepsy and gene therapy. In: Molecular neurosurgery, Janson CG et al. (eds), 2005.

Telfeian AE, Pinto DJ, Connors BW. Local Pathways of Seizure Propagation in Neocortex. In: Brain Plasticity and Epilepsy Volume 45, Engel J et al. (eds), Elsevier, December 2000.

Emanuel T, Choi DB, Doberstein CE, Oyelese AA, **Telfeian AE**, Gokaslan ZL. Lumbar Spinal Procedures for Treatment of Pain. In: Comprehensive Pain Management in the Rehabilitation Patient. Ed. Alexios Carayannopoulos. Publisher: Springer International Publishing AG, 2016

Nam G, Choi DB, **Telfeian AE**, Gokaslan ZL, Cielo DJ. Lower Extremity Peripheral Neuropathies in the Rehabilitation Patient. In: Comprehensive Pain Management in the Rehabilitation Patient. Ed. Alexios Carayannopoulos. Publisher: Springer International Publishing AG, 2016

Choi DB, **Telfeian AE**. Transforaminal Endoscopic Surgery for the Treatment of Pain in the Rehabilitation Patient. In: Comprehensive Pain Management in the Rehabilitation Patient. Ed. Alexios Carayannopoulos. Publisher: Springer International Publishing AG, 2016

Choi GN, Choi DB, **Telfeian AE**, Cielo DJ. Lower Extremity Peripheral Neuropathies. In: Comprehensive Pain Management in the Rehabilitation Patient. Ed. Alexios Carayannopoulos. Publisher: Springer International Publishing AG, 2016

Pucci F, **Telfeian AE**. Multiple Subpial Transections. In: Epilepsy Surgery, Villemure JG et al. (eds), Thieme 2017.

Telfeian AE. Technology: Endoscope in MISS: How to Adopt and Change. In: Thieme book on Minimally Invasive Spinal Surgery and Navigation (MIS/NAV). 2018

WORK PUBLISHED IN OTHER MEDIA

Dr. Albert Telfeian—Advances in Endoscopic Spine Surgery: American Association of Neurological Surgeons Video Grand Rounds, November 2016. <http://www.neurosurgicalatlas.com/grand-rounds/endoscopic-lumbar-spine-surgery>

Dr. Albert Telfeian – TESSYS Endoscopic Disc Surgery <https://www.youtube.com/watch?v=eaYcm9AIKNs>

Dr. Albert Telfeian performs 1st endoscopic removal of spinal tumor under local anesthetic: 5 key notes, *Becker's Spine Review*, 27 May 2015

Hasbro Children's Hospital doctor uses endoscopic spinal surgery to ID teen's tumor. *The Providence Journal* (cover article)-May 26, 2015

Hasbro Children's Hospital doctor uses endoscopic spinal surgery to ID teen's tumor. *Fall River Herald* (cover article)-May 29, 2015

HealthCheck10: Awake Endoscopic Spine Surgery—NBC news aired May 28, 2015 and: <http://www.turnto10.com/story/29183455/health-check-awake-endoscopic-spine-surgery>

Endoscopic removal of spinal tumor with the patient awake at Rhode Island Hospital, *OrthoSpineNews*, May 27, 2015

Neurosurgeon performs first endoscopic removal of spinal tumor at Rhode Island Hospital: reported on the television news nationally and internationally as well as multiple internet news outlets including: News-Medical.net, DoctorPulse.com, Science Daily, Justcancernews,

Providence Business News: Five Questions with Albert Telfeian, M.D., Ph.D., Dec. 10, 2012

INVITED PRESENTATIONS

Invited Presentations—National and International (last 10 years)

1. AO Spine Foundation: Lecture on Minimally Invasive Lumbar Spine Surgery, Philadelphia, PA 2009.
2. AO Spine Foundation: Lecture on Odontoid Fracture Surgery, Philadelphia, PA 2010.
3. American Association of Neurologic Surgery: Transforaminal Endoscopic Spine Surgery. April 2011.
4. ARKADE Private Clinic, Wurzburg, Germany: Transforaminal Endoscopic Lumbar Discectomy. May 2011.
5. Ligamenta Wirbelsäulenzentrum, Frankfurt Germany: Transforaminal Endoscopic Lumbar Discectomy. May 2011.
6. Facharzt für Orthopädie, Waltershausen, Germany: Transforaminal Endoscopic Lumbar Discectomy. May 2011.
7. Dutch Spine Center, The Netherlands: Transforaminal Endoscopic Lumbar Discectomy. May 2011.
8. Society for Minimally Invasive Spine Surgery: Endoscopic Spine Surgery. Sept. 2011.
9. New Jersey Society for Pain Management: Endoscopic Spine Surgery. April 2012.
10. North American Spine Society Endoscopic Spine Surgery Laboratory: Instructor. Denver May 2013.
11. New England Spine Study Group: Transforaminal Endoscopic Lumbar Discectomy. July 2013.
12. Transforaminal Endoscopic Spine Surgery Theoretical Principles and Practical Applications Workshop. Lead Instructor, Miami, FL. January 2014.
13. Transforaminal Endoscopic Spine Surgery Theoretical Principles and Practical Applications Workshop. Lead Instructor, Jamesburg, NJ. September 2013.

14. Transforaminal Endoscopic Spine Surgery Theoretical Principles and Practical Applications Workshop. Lead Instructor, Irvine, CA. December 2013.
15. Society for Minimally Invasive Spine Surgery: Transforaminal Endoscopic Lumbar Discectomy. November 2013.
16. American Medical Association CPT Editorial Panel Spinal Issues Presenter, Los Angeles, CA. January 2014.
17. American Association of Neurological Surgeons/Congress of Neurological Surgeons Section on Disorders of the Spine and Peripheral Nerves. Lead Faculty-Section on Innovations in Spine Surgery, Orlando, FL. March 2014.
18. American Medical Association CPT Editorial Panel Spinal Issues Workgroup. Lead Organizer, Chicago, IL. May 2014
19. World Congress of Minimally Invasive Spine Surgery: Transforaminal Endoscopic Spine Surgery for the Treatment of Spondylolisthesis. Paris, France. June 2014.
20. Transforaminal Endoscopic Spine Surgery Theoretical Principles and Practical Applications Workshop. Lead Instructor, Baltimore, MD. October 2014.
21. 30th Annual Meeting of the AANS/CNS Disorders of Spine and Peripheral Nerve: Innovations in Spine Surgery Cadaver Laboratory. Lead Faculty. Phoenix, Arizona. March 2015.
22. Transforaminal Endoscopic Spine Surgery Theoretical Principles and Practical Applications Workshop. Lead Instructor, Baltimore, MD. May 2015.
23. Advance Users Course-Endoscopic Spine Surgery: Lead Instructor, Mainz, Germany. June 2015
24. 41st Annual Hanbery Neurosurgical Society Meeting. Faculty, Brewster, Massachusetts. July 2015
25. EuroSpine Invited Faculty: Lecture on Clinical Benefits of Transforaminal Endoscopic Discectomy in Awake Obese and/or Elderly Patients. Copenhagen, Denmark. September 2015
26. Transforaminal Endoscopic Spine Surgery Theoretical Principles and Practical Applications Workshop. Lead Instructor, Baltimore, MD. October 2015.
27. 10th German Spine Conference 2015: Faculty Lecture on Advances in Endoscopic Spine Surgery, Frankfurt am Main. December 2015

28. 9th New York City Minimally Invasive Spine and Navigation Course: “Case-Based and Hands-On.” Weill Cornell Medical College. Featured Speaker. December 2015.
29. American Society of Interventional Pain Physicians. Lumbar Endoscopic Spinal Decompression: Review Course and Hands-on Cadaver Workshop. Featured Speaker and Faculty. Orlando, Florida. February 2016
30. American Society of Interventional Pain Physicians. Annual Meeting. Key Note Speaker: The Racz Lecture. Dallas, Texas. April 2016.
31. American Association of Neurologic Surgeons Annual Meeting. Course Director: Endoscopic Spine Surgery. Chicago, April 2016
32. Neurosurgery Grand Rounds: Endoscopic Spine Surgery. Department of Neurosurgery, Hospital of the University of Pennsylvania. September 2016
33. Transforaminal Endoscopic Spine Surgery Theoretical Principles and Practical Applications Workshop. Lead Instructor, Baltimore, MD. September 2016.
34. Society for Minimally Invasive Spine Surgery Annual Forum. Course Faculty: Hands-on Cadaveric Laboratory on Endoscopic Spine Surgery. Lectures on Advanced Endoscopic Spine Techniques. Las Vegas, October 2016
35. 10th New York City Minimally Invasive Spine and Navigation Course: “Case-Based and Hands-On.” Weill Cornell Medical College. Featured Speaker. December 2016.
36. Korean Society for Minimally Invasive Spine Surgery. 36th Annual Meeting. Invited Key Note Speaker. December 2016.
37. Neurosurgery Grand Rounds: Endoscopic Spine Surgery. Department of Neurosurgery, Brigham and Women’s Hospital. January 2017
38. ISASS17(International Society for the Advancement of Spine Surgery) program April 12-14, 2017. Boca Raton, FL. Invited Moderator: Pediatric Spine Oral Podium
39. Society for Minimally Invasive Spine Surgery September 14-15, 2017, Las Vegas Nevada. Chairman Endoscopic Session.
40. International Society for Advancement of Spine Surgery, September 23 and 24, 2017, Long Beach, CA. Co-Chair for MIS Endoscopic and Percutaneous New Technologies and Techniques Didactic course and Cadaver Lab

41. Grand Rounds Speaker, October 5, 2017, University of Vermont Division of Neurosurgery.
42. EuroSpine Invited Faculty: Lecture on Clinical Benefits of Transforaminal Endoscopic Discectomy. Dublin, Ireland. October 2017.
43. Korean Minimally Invasive Spine Surgery Society (KOMISS): Featured Speaker, Lecture on Endoscopic Lumbar Lateral Decompression. Incheon, Korea, December 1st, 2017.
44. Transforaminal Endoscopic Spine Surgery Theoretical Principles and Practical Applications Workshop. Lead Instructor, Tampa, FL. February 2018.
45. Johnson & Johnson, Raynham, MA. Invited lecture: Advances in Endoscopic Spine Surgery.
46. American Association of Neurologic Surgeons Annual Meeting. Course Director: Endoscopic Spine Surgery. New Orleans, April 2018
47. Houston Methodist Hospital, Visiting Professor and Grand Rounds Speaker. May 2018
48. The World Congress on Minimally Invasive Spine Surgery and Techniques Association (WCMISST association). Invited Key Note Speaker, May 2018.
49. International Society for Advancement of Spine Surgery, September 23 and 24, 2018, Denver, Co. Co-Chair for MIS Endoscopic and Percutaneous New Technologies and Techniques Didactic course and Cadaver Lab
50. Transforaminal Endoscopic Spine Surgery Theoretical Principles and Practical Applications Workshop. Lead Instructor, Baltimore, MD. June 2018.
51. Visiting Professor Methodist Hospital, Houston, TX. Grand Rounds and Cadaver laboratory. Oct. 2019.
52. Transforaminal Endoscopic Spine Surgery Theoretical Principles and Practical Applications Workshop. Lead Instructor, Tampa, FL. November 2018.
53. Integrating Endoscopic Spine Surgery into and Academic Teaching Program; Advanced Endoscopic Spine Surgery Meeting, Salzburg, Austria, February 2019.
54. Endoscopic Lumbar Decompression, Spine Section Meeting, Miami, FL, March 2019.

55. Transforaminal Endoscopic Spine Surgery Theoretical Principles and Practical Applications Workshop. Lead Instructor, Irvine, CA. April 2019.
56. George J. Ehni Lectureship & Workshop, Visiting Professor, Baylor College of Medicine, May 2019
57. Transforaminal Endoscopic Spine Surgery Theoretical Principles and Practical Applications Workshop. Lead Instructor, Chicago, IL. May 2019.
58. Visiting Professor, Einstein, Montefiore Hospital, August 2019
59. SMISS Faculty and Course Organizer October 2019 Meeting Las Vegas
60. Transforaminal Endoscopic Spine Surgery Theoretical Principles and Practical Applications Workshop. Lead Instructor, Miami. November 2019.
61. AO spine Course Davos, Switzerland. Faculty Chair, Minimally Invasive Spine Surgery. December 2019.
62. NASS featured speaker; Endoscopic Spine Surgery Coding. September 2020.
63. SMISS Panelist. Adopting Endoscopic Spine Surgery in Your Practice, October, 2020.

Invited Presentations—Regional (last 10 years)

1. Texas Tech Health Sciences Dept. of Pediatrics Grand Rounds: Pediatric Head Injury, February 2009.
2. Texas Tech Health Sciences Dept. of Pediatrics Grand Rounds: Pediatric Neurosurgery—Incidental Radiology Findings, Sept. 2009.
3. Texas Tech Health Sciences Dept. of Pediatrics Grand Rounds: Pediatric Head Injury, Sept. 2009.
4. Covenant Health System School of Nursing: Neurosurgery, January 2010.
5. Texas Tech Health Sciences Dept. of Pediatrics Grand Rounds: Pediatric Epilepsy Surgery, Sept. 2010.
6. Covenant Health System Trauma Symposium: Pediatric Head Injury, November 2010.
7. Covenant Health System School of Nursing: Neurosurgery, January 2011.

8. Covenant Health System Trauma Symposium: Pediatric Head Injury, November 2011.
9. Riverview Hospital Dept. of Surgery Grand Rounds: Cervical and Lumbar Spine Surgery, March 2012.
10. Rhode Island Hospital Dept. of Neurosurgery: Back to School and Back to Work for the Pediatrician and Pediatric Neurosurgeon: Concussions and Sports related Cervical Spine Injuries, February 2013.
11. Rhode Island Hospital Dept. of Pediatrics Grand Rounds: Pediatric Epilepsy Surgery, March 2013.
12. Rhode Island Hospital Dept. of Neurology Grand Rounds: Endoscopic Spine Surgery, March 2013.
13. Rhode Island and Southern Massachusetts Regional Pediatric Symposium: Sports & Pediatric Cervical Spine Injury. April 2013.
14. Rhode Island and Southern Massachusetts Regional Neurology and Pain Symposium: Transforaminal Endoscopic Spine Surgery and Advanced Pain Management Therapeutics. June 2013.
15. Norman Prince Neuroscience Symposium: Catastrophic Head Injury a Neurosurgical Perspective. September 2013.
16. Alpert Medical School-Brown University: Neurosurgery Careers, Invited lecture. April 2014.
17. Rhode Island Hospital combined Neurology Neurosurgery Grand Rounds: Advances in Endoscopic Spine Surgery. September 2015.
18. Comprehensive Spine Center Interdisciplinary Spine Conference. Warren Alpert Medical School. Minimally Invasive Spine Surgery. October 2016.
19. Comprehensive Spine Center Interdisciplinary Spine Conference. Warren Alpert Medical School. Minimally Invasive Spine Surgery. October 2017.
20. Johnson & Johnson, Raynham, MA. Invited lecture: Advances in Endoscopic Spine Surgery, October 2018.

PATENTS

Marc A. Dichter, James Eberwine, **Albert Telfeian**, Henry Tseng, Peter Crino, Marianna Baybis: Expression profiling of human hippocampal neurons from chronic epileptic brain. Patent Pending.

Albert Telfeian, Vikas Srivastava

Title: Shape-memory Polymer Electrode Array for Minimally-invasive Brain and Spinal cord Stimulation and Recording
Filing Date: April 28, 2020

Albert Telfeian

Title: Facetectomy Guide
Filing Date: June 3, 2020

GRANTS

Joimax Endoscopic Joint Ablation Registry: \$77,000, 2019

Codman Educational Grant: \$3600 for Pediatric Concussions & Cervical Spine Injuries, 2012

Crowfoot Foundation: \$2,000,000 for Clinical Epilepsy Monitoring Unit, 2011

McCabe Award: \$50,000 for Optical Imaging of Human Peritumoral Neocortex, 2003.