

CURRICULUM VITAE

Name: Adetokunbo Adegboyega **OYELESE**

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EDUCATION

1989-1997 Yale University School of Medicine, New Haven, CT
Degrees: MD (*cum laude*); PhD, (Neuroscience)

1986-1988 Purdue University, West Lafayette, IN
Degree: MS. Biology (Animal Physiology and Neurobiology)

1981-1985 University of Ibadan, Nigeria
Degree: BSc. Physiology, (Honors).

CURRENT POSITION

2016 – PRESENT Associate Professor Neurosurgery
2005 – PRESENT Director Division Spine Neurosurgery
2013 – PRESENT Associate Residency Program Director
Warren Alpert Medical School of Brown University and
Rhode Island Hospital Providence, Rhode Island
2015 – PRESENT Surgical Director RIH Comprehensive Spine Center

ACADEMIC POSITIONS/TRAINING

2005 – 2016 Assistant Professor Neurosurgery
2004 Clinical Fellow, Institute for Spinal Disorders, Cedars Sinai
Hospital, Los Angeles, California

2003 – 2004 Chief Resident, Department of Neurosurgery, Stanford
University, Palo Alto, California

2001 – 2003 Postdoctoral Fellow, Department of Neurosurgery,
Stanford University, Palo Alto, California

1998 – 2003 Resident, Department of Neurosurgery, Stanford
University, Palo Alto, California

1997 – 1998 Surgical Intern, Department of Surgery, Stanford University, Palo Alto, California

1992 – 1993 Teaching Assistant, Yoruba Language, Yale University, New Haven, Connecticut

1988 - 1989 Research Assistant, Dept. of Pharmacology, Univ. of Illinois, Chicago, Illinois

1986 - 1988 Teaching Assistant, Biology and Physiology, Purdue University, West Lafayette, Indiana

1985 - 1986 Research Assistant, Dept. of Medicine, University College Hospital, Ibadan, Nigeria

COMMITTEES

2006 Search Committee for Human Neurosciences Faculty, Brain Sciences Program at Brown University, Providence, RI

2007 Search Committee for Chief of Trauma Surgery, Rhode Island Hospital, Providence RI

2009 Search Committee for Chairman Department of Neurosurgery, Brown University

2009 - Present Admissions Committee Warren Alpert Medical School of Brown University

2015 – Present Rhode Island Hospital Surgical Clinical Practice and Safety Committee

PUBLICATION REVIEWER

2009 – Present Neurosurgery – Ad Hoc Reviewer

2009 – Present Clinical Neurology and Neurosurgery – Ad Hoc Reviewer

2016 – Present World Neurosurgery - Reviewer

BOARD CERTIFICATION

2012 American Board of Neurological Surgeons (ABNS)

AWARDS AND HONOR SOCIETIES

2019	Rhode Island Monthly's <i>Top Doctors</i> 2019
2017	Rhode Island Monthly's <i>Top Doctors</i> 2017
2016	Rhode Island Monthly's <i>Top Doctors</i> 2016
2015	Rhode Island Monthly's <i>Top Doctors</i> 2015
2014	Rhode Island Monthly's <i>Top Doctors</i> 2014
2011	Rhode Island Monthly's <i>Top Doctors</i> 2011
2001 – 2003	Recipient AANS NREF fellowship award
1997	MD (<i>cum laude</i>)
1997	Alpha Omega Alpha (AOA) Medical Honor Society
1997	Outstanding MD/PhD student award
1997	Peter A.T. Grannum Award
1991 – 1997	MSTP Scholarship
1995	Yale Minority Medical Association (YMMA) Prize for Excellence in Biomedical Research
1989	National Medical Fellowship Scholarship

CLINICAL AND RESEARCH INTERESTS

Spinal Disorders (spinal trauma, spinal oncology, spinal radiosurgery)
Stem cell biology, trans-differentiation and neuro-transplantation paradigms
CNS injury, plasticity, repair and regeneration
Computer-Assisted Spine Surgery, Spine Innovation

PH.D DISSERTATION

Plasticity of electrophysiological properties of axotomized sensory neurons in the adult rat: Regulatory role of neurotrophins

RESEARCH FUNDING

2001 – 2003	AANS Neurosurgery Research Education Foundation Fellowship
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CLINICAL TRIALS

Principal Investigator

Randomized, Controlled, Single-blind Study of Probable Benefit of the Neuro-Spinal Scaffold™ for Safety and Neurologic Recovery in Subjects with Complete Thoracic AIS A Spinal Cord Injury as Compared to Standard of Care – InVivo Therapeutics

The INSPIRE Study: InVivo Study of Probably Benefit of the Neuro-Spinal Scaffold for Safety and Neurologic Recovery in Subjects with Complete Thoracic AIS A Spinal Cord Injury – InVivo Therapeutics - Closed

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-Vertex - Closed

(In planning stages)

Prospective Cross-sectional Validation Study on the Prevalence of Propionibacterium Acnes in Intervertebral Disc Tissue of Patients Undergoing Discectomy – Rockefeller University (funding by Discitis Dx, Inc.)

Co-PI

Spine Registry to Collect Outcome Measures Related to the Disease Status of Patients with Spine Disorders (PTRON) - AO Foundation

Metastatic Tumor Research and Outcome Network (MTRON): A multicenter prospective registry for the management of metastatic spine tumors – AOSpine International

PROFESSIONAL AFFILIATIONS

2018 – Present	New England Neurosurgery Society
2015	Hanbery Neurosurgical Society - President
2008 – Present	Vice-President Rhode Island Neurosurgical Society
2006 – 2017	North American Spine Society – Member
2003 – Present	Hanbery Neurosurgical Society - Member
1999 – Present	American Association of Neurological Surgeons – Member
1999 – Present	Congress of Neurological Surgeons – Member

BIBLIOGRAPHY

JOURNAL ARTICLES

1. **Oyelese AA**, Eng DL, Richerson GB, and Kocsis JD. Enhancement of GABA_A receptor-mediated conductances induced by nerve injury in a subclass of sensory neurons. *J. Neurophysiol.* 74(2): 673-683, 1995

2. Honmou O, **Oyelese AA** and Kocsis JD. The anticonvulsant Gabapentin enhances promoted release of GABA in hippocampus: a field potential analysis. *Brain Research* 692: 273-277, 1995
3. **Oyelese AA** and Kocsis JD. GABA_A receptor-mediated Conductance and Action Potential Waveform in Cutaneous and Muscle Afferent Neurons of the Adult Rat: Differential Expression and Response to Nerve Injury. *J. Neurophysiol.* 76(4): 2383-2392, 1996
4. **Oyelese AA**, Rizzo MA, Waxman SG, and Kocsis JD. Differential Effects of NGF and BDNF on Axotomy-induced Changes in GABA_A receptor-mediated Conductance and Sodium Currents in Cutaneous Afferent Neurons. *J. Neurophysiol.* 78: 31-42, 1997
5. Chang SD, Gibbs IC, Sakamoto GT, Lee E, **Oyelese A**, and Adler JR Jr. Staged stereotactic irradiation for acoustic neuroma. *Neurosurgery.* 56(6): 1254-61, 2005
6. **Oyelese AA**, Steinberg GK, Huhn SL, and Wijman CA. Paradoxical cerebral herniation secondary to lumbar puncture after decompressive craniectomy for a large space-occupying hemispheric stroke: case report. *Neurosurgery.* 57(3): E594, 2005.
7. **Oyelese AA**. Diagnosis and treatment of lumbar spinal disorders--a multidisciplinary approach: introduction. *Med Health R I.* 95(12):376, 2012
8. **Oyelese AA**. Approach to the patient with low back pain. *Med Health R I.* 95(12):376-8, 2012
9. Spader H, Grossberg J, **Oyelese AA**. Surgery in the treatment of lower back pain II--lumbar stenosis and disc herniations. *Med Health R I.* 95(12):384, 390, 2012
10. Aghion D, Chopra P, **Oyelese AA**. Failed back syndrome. *Med Health R I.* 95(12):391-3, 2012
11. Jeyapalan S, Boxerman J, Donahue J, Goldman M, Kinsella T, Dipetrillo T, Evans D, Elinzano H, Constantinou M, Stopa E, Puthawala Y, Cielo D, Santaniello A, **Oyelese A**, Mantripragada K, Rosati K, Isdale D, Safran H. Paclitaxel poliglumex, temozolomide, and radiation for newly diagnosed high-grade glioma: a Brown University Oncology Group Study; Brown University Oncology Group Study. *Am J Clin Oncol.* 2014 Oct;37(5):444-9

12. Vasudevan K, Grossberg JA, Spader HS, Belknap TB, **Oyelese AA**. Age Increases the Risk of Postoperative Dysphagia and Aspiration after Anterior Odontoid Screw Fixation: *Clin Neurol Neurosurg*. 2014 Nov; 126:185-9.
13. Morrison CS, Taylor HO, **Oyelese AA**, Collins S, Sullivan SR. Utility of Intraoperative CT in Complex Craniofacial Trauma: An Example of On-Table Change in Management. *Craniomaxillofacial Trauma and Reconstruction*. 2014 Dec;7 (4):298-301.
14. Aghion DM, Capek S, Howe BM, Hepel JT, Sambandam S, **Oyelese, AA**, Spinner RJ. Perineural tumor spread of bladder cancer causing lumbosacral plexopathy: an anatomic explanation. *Acta Neurochir (Wien)*. 2014 Dec;156(12):2331-6
15. Telfeian, AE, Veeravagu, A, **Oyelese, AA**, Gokaslan, ZL. A brief history of endoscopic spine surgery. *Neurosurg Focus*. 2016 Feb;40(2):E2
16. Telfeian AE, Jasper GP, **Oyelese AA**, Gokaslan ZL. Technical considerations in transforaminal endoscopic spine surgery at the thoracolumbar junction: report of 3 cases. *Neurosurg Focus*. 2016 Feb;40(2):E9
17. Pucci FG, Telfeian AE, Gokaslan ZL, **Oyelese, AA**. Minimally Invasive Methodologies in the Treatment of Spinal Metastatic Disease: *WSCJ* 2016; 7 (1) 31-44
18. Kosztowski, T, Goodwin, R, Xu, R, Hepel, J, Gokaslan, **Oyelese, AA**. Management of Metastatic Lesions to the Craniovertebral Junction. *WSCJ* 2016; 7 (1) 50-57
19. Hobbs JG, Desai B, Young JS, Polster SP, Tobin MK, Geraghty JR, Linninger AA, **Oyelese AA**, Shin JH, Bydon M, Mehta AI. Intramedullary spinal cord tumors: A Review and Discussion of Surgical Rationale: *WSCJ* 2016; 7(2) 65-83
20. Rinaldo L, McCutcheon B, Kerezoudis P, Shin J, Mehta A, Clarke M, **Oyelese AA**, Krauss W, Bydon M. Outcomes After Surgical Treatment of Intradural-Extramedullary Spinal Cord Tumors: A review. *WSCJ* 2016; 7(2) 121-128
21. Carnevale JA, Morrison JF, Choi DB, Klinge PM, Cosgrove GR, **Oyelese AA**. Self-inflicted nail-gun injury with cranial penetration and use of intraoperative computed tomography. *Surg Neurol Int*. 2016 May 6;7(Suppl 10):S259-62

22. Wagner R, Telfeian AE, Ipreburg M, Krzok G, Gokaslan Z, Choi DB, Pucci FG, **Oyelese AA**. Transforaminal Endoscopic Foraminoplasty and Discectomy for the Treatment of a Thoracic Disc Herniation: Technical Note. *World Neurosurg*. 2016 Jul;91:195-8.
23. Wagner R, Telfeian AE, Ipreburg M, Krzok G, Gokaslan Z, Choi DB, Pucci FG, **Oyelese A**. Transforaminal Endoscopic Solution to a Kyphoplasty Complication: Technical Note. *World Neurosurg*. 2016 Jul;91:195-8.
24. Ha AY, Mangham W, Frommer SA, Choi D, Klinge P, Taylor HO, **Oyelese AA**, Sullivan, SR. Interdisciplinary Management of Minimally Displaced Orbital Roof Fractures: Delayed Pulsatile Exophthalmos and Orbital Encephalocele. *Craniofacial Trauma and Reconstruction*. 2017 Mar;10(1):11-15.
25. 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.
26. Fridley JS, Hepel JT, **Oyelese AA**. Current Treatment of Metastatic Spine Tumors - Surgery and Stereotactic Radiosurgery. *R I Med J (2013)*. 2017 Jun 1;100(6):18-20
27. Mehta N, Zavitsanos PJ, Moldovan K, **Oyelese A**, Fridley JS, Gokaslan Z, Kinsella TJ, Hepel JT. Local failure and vertebral body fracture risk using multifraction stereotactic body radiation therapy for spine metastases. *Adv Radiat Oncol*. 2018 Apr 10;3(3):245-251.
28. Syed SH, Sindhu KK, Telfeian AE, Gokaslan ZL, **Oyelese AA**. Odontoid screw fixation of a type II odontoid fracture in a patient with autofused C2–C3 vertebral bodies. *Interdisciplinary Neurosurgery* 2018, 13, 88-91
29. Telfeian AE, **Oyelese A**, Fridley J, Gokaslan ZL. Transforaminal Endoscopic Decompression in the Setting of Lateral Lumbar Spondylolisthesis. *World Neurosurg*. 2018 Sep;117:321-325.
30. 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.
31. 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*. 2018 Mar;6(6):106.

32. **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 Neurosurg Spine*. 2018 Jul;29(1):46-53.
33. **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 Neurosurg*. 2018 Jul;115:29-34.
34. Galgano M, Fridley J, **Oyelese A**, Telfeian A, Kosztowski T, Choi D, Gokaslan ZL. Surgical management of spinal metastases. *Expert Rev Anticancer Ther*. 2018 May;18(5):463-472.
35. 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.
36. 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.
37. Lubner RJ, Fridley J, Choi DB, Telfeian AE, Cahill JF, Gokaslan ZL, **Oyelese AA**. Cervical myelopathy presenting with an acute Horner's syndrome. *Interdisciplinary Neurosurgery* 2019 17, 19-22
38. 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;7(10):217. doi: 10.21037/atm.2019.01.04
39. 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.
40. 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*. 2019 Feb;122:e1228-e1239.

41. 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*. 2019 Feb;122:e1266-e1274.
42. 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*. 2019 Feb;122:298-302.
43. 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. [Epub ahead of print]

ABSTRACTS AND ORAL PRESENTATIONS

1. **Oyelese AA**, Kocsis JD and Mattson RH. Modulation of CA1 hippocampal neuronal excitability by inhibition of GABA uptake with nipecotic acid. *Abstr Soc Neurosci* 18:379, 1992
2. **Oyelese AA**, Richerson GB, Holloway SF, Eng DL and Kocsis JD. GABA_A induced conductance and cell size distribution of rat dorsal root ganglion neurons following nerve ligation. *Abstr Soc Neurosci* 19:680, 1993
3. Honmou O, **Oyelese AA** and Kocsis JD. The Novel Antiepileptic Gabapentin Enhances Promoted Release of GABA in Hippocampus. *Abstr Soc Neurosci* 20:1640, 1994
4. **Oyelese AA**, Rizzo MA, Waxman SG, and Kocsis JD. Differential effect of neurotrophins on injury-induced plasticity of GABA_A receptors and sodium currents in cutaneous afferent DRG neurons. *Abstr Soc Neurosci* 21:1055, 1995
5. **Oyelese AA**, Rizzo MA, Waxman SG, and Kocsis JD. Ionic Components of Action Potentials in Identified Muscle Afferent DRG neurons. *Abstr Soc Neurosci* 22:780, 1996
6. **Oyelese AA**, Chang SD, Marks MP and Steinberg GK. Dural AV Fistulas: Relationship of Presenting Grade and Symptoms to Final Outcome. *AANS Annual Meeting*, 2000
7. **Oyelese AA** and Steinberg GK. Akinetic Mutism Following Rupture of Anterior Communicating Artery Aneurysms. *AANS Annual Meeting*, 2000

8. **Oyelese AA**, Chang SD, Martin DP and Adler JR. The Use of Frameless Image-Based Radiosurgery in the Treatment of Spinal Vascular Malformations: Preliminary Experience with the Cyberknife. *CNS Annual Meeting*, 2000
9. Ryu SI, **Oyelese AA**, Kuwada D, Chang SD, Martin DP, Adler JR, Heit G. LINAC stereotactic radiosurgical treatment of trigeminal neuralgia. *AANS Annual Meeting*, 2000
10. **Oyelese AA**, Chang SD, Martin DP, and Adler JR. Non-Isocentric Treatment Planning with Frameless Image-Guided Stereotactic Radiosurgery: Advantages Over Isocentric-Based Models. *AANS Annual Meeting*, 2001
11. **Oyelese AA**, Chang SD, Tate DJ, Le Q, Adler JR and Goffinet DR. Utility of Stereotactic Radiosurgery in Treatment of Nasopharyngeal Carcinoma. *AANS Annual Meeting*, 2002
12. **Oyelese AA**, Lee E, Chang SD, Golby AJ, Martin DP, M.D., Hancock SL, Adler JR. Tumor Control and Hearing Preservation Following Frame-Based Fractionated Stereotactic Radiosurgery in Patients with Vestibular Schwannomas: An Intermediate Follow-up. *CNS/AANS Tumor Joint Section Annual Meeting*, 2002
13. **Oyelese AA**, Jorden M, Kim DH and Shuer LM. Presentation, Management and Outcome of Extradural Spinal Meningiomas. *CNS Annual Meeting*, 2002
14. **Oyelese AA**, Perri B, Bray RS, and Johnson JP. Strategies and Techniques for Correction of Degenerative and Post-Surgical Cervical Kyphotic Deformity. *CNS Annual Meeting*, 2005
15. Complex Spine Neurosurgical Cases: Diagnosis and Management. Hanbery Neurosurgical Society Meeting, *August 2006*
16. Strategies and Techniques for Correction of Degenerative and Post-Surgical Cervical Kyphotic Deformity. Hanbery Neurosurgical Society Meeting, *August 2007*
17. Management of Acute Spinal Cord Injuries. Hanbery Neurosurgical Society Meeting, *August 2008*
18. Minimally-Invasive Surgery for Thoracolumbar Fractures. Hanbery Neurosurgical Society Meeting, *August 2009*

19. Grossberg JA, Belknap T, **Oyelese A**: The Treatment of Thoracolumbar Fractures with Minimally Invasive Pedicle Screw Stabilization. *AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. February 2010.*
20. Grossberg JA, Belknap T, Lucas P, **Oyelese A**: Minimally Invasive Stabilization in the Treatment of Thoracolumbar Fractures. *AANS Annual Meeting May 2010*
21. Grossberg JA, Belknap TB, **Oyelese A**: The Use of the Mayfield Frame Facilitates Trajectory in Anterior Odontoid Screw Fixation. Poster Presentation *AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. March 2011*
22. Grossberg JA, Spader HS, Belknap TB, **Oyelese A**: Age Increases the Risk of Postoperative Dysphagia and Aspiration after Anterior Odontoid Screw Fixation. Poster Presentation at *AANS Annual Meeting April 2011*
23. Mahboob MJ, Chen S, Lee AH, Aghion D, **Oyelese A**, Martland W, MD, de la Monte S. Eclampsia-Associated Double-Simultaneous Supra- and Infratentorial Fatal Hypertensive Intracerebral Hemorrhages, AANP Chicago, IL. June 2012.
24. Morrison CS, Taylor HO, **Oyelese AA**, Collins S, Sullivan SR. Intraoperative CT scanning as an adjunct technology to improve outcomes in complex craniofacial trauma. 20th Annual Hospital Research Celebration Rhode Island Hospital and Brown University. October 11, 2012.
25. Morrison JF, Torabi, R, **Oyelese AA**. Management of Neurosurgical Spine Pathology Utilizing Intraoperative Computed Tomography (IOCT). Poster Presentation *AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. March 2013*
26. Intra-Operative CT Imaging – The Brown Experience. Hanbery Neurosurgical Society Meeting, *August 2013*
27. When Things Go Wrong at the Circus – Management of a Spine Poly-Trauma Event. Hanbery Neurosurgical Society Meeting, *August 2014*
28. The Power of the Lateral: Minimally-Invasive Approaches to the Thoracolumbar Spine. Hanbery Neurosurgical Society Meeting, *August 2015*
29. The Evolution of Spine Navigation – Brown Neurosurgery Experience. Hanbery Neurosurgical Society Meeting, *August 2016*
30. Carnevale J, Jayaraman M, McTaggart R, Haas R, Choi D, Torabi R, Gokaslan Z, **Oyelese A**. Minimizing blood loss with novel percutaneous

vertebroplasty prior to corpectomy for vascular spinal tumors: a case series. Congress of Neurological Surgeons 2016 Meeting, 2016.

31. Choi DB, Telfeian AE, Gokaslan ZL, **Oyelese AA**. Use of intraoperative CT with image-guided navigation for thoracolumbar combined anterior-posterior minimally-invasive corpectomy and fusion via XLIF approach. Congress of Neurological Surgeons 2016 Annual Meeting, 2016.

BOOK CHAPTERS

1. **Oyelese AA**, Kim DH and Fessler RG. Posterior Approaches to the Thoracic Spine. In: Textbook of Neurological Surgery. Batjer HH and Loftus CM eds. 2028-37.
2. Kim DH, **Oyelese AA** and Fessler RG. Lateral Extracavitary Approach to the Thoraco-Lumbar spine. In: Textbook of Neurological Surgery. Batjer HH and Loftus CM eds. 2038-47.
3. **Oyelese AA**, Fleetwood IG and Steinberg GK. Cavernous Malformations and Venous Anomalies: Natural History and Surgical Management. In: Stroke, Pathophysiology Diagnosis and Management (Mohr JP et al. [eds]) 2004. 1369-1392.
4. Belknap TW, **Oyelese AA**. Neurological Presentation of Spinal Tumors. In: Tumors of the Spine (Kim DH, et al. [ed]) 2008 115-120. Saunders (an imprint of Elsevier), Philadelphia, PA.
5. Grossberg JA, Spader HS, **Oyelese A**: Intramedullary Neoplasms. In: Adult Neuro-Oncology: A Multidisciplinary, Evidence-Based Approach with Case Studies; Jeyapalan S, Kasper E, and Mahadevan A, Eds. (In Press)
6. Aghion D and **Oyelese AA**. Surgical approaches to the craniovertebral junction in rheumatoid arthritis. In: Surgical Anatomy and Techniques to the Spine (2nd Edition Elsevier). Ed. Kim DH. 2013 77-91.
7. Emanuel T, Choi DB, Doberstein CE, **Oyelese AA**, Telfeian AE, Gokaslan ZL. Lumbar spinal procedures for treatment of pain. Comprehensive Pain Management in the Rehabilitation Patient. Carayannopoulos AG (ed), 2017. In press.
8. Choi DB, Torabi R, Cielo DJ, **Oyelese AA**, Doberstein CE, Telfeian AE, Gokaslan ZL. Postoperative care after lumbar spine surgery. The Bedside Guide to Orthopedic Problems. Daniels A (ed), 2017. Pending publication.

9. Francesco G. Pucci, **Adetokunbo Oyelese**, and Ziya Gokaslan. "Treatment of Spinal Metastatic Tumors," in *Principles of Neurological Surgery* 4th ed., ed. Richard Ellenbogen *et al.* Elsevier Saunders, Philadelphia, PA. *In press*.
10. 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.
11. Fridley J, Oyelese A, Gokaslan Z. Occipitocervical and upper cervical metastatic spinal disease. Metastatic Spine Disease. Rex Marco, eds. Springer. In Press.
12. Fridley J, Oyelese A, Gokaslan Z. Primary osseous and metastatic neoplasms of the CVJ. Surg
13. 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. In Press.

GRAND ROUNDS AND INVITED LECTURESHIPS

1. Brown University Department of Neurosurgery Grand Rounds Presentation: Fractionated Stereotactic Radiosurgery for Vestibular Schwannomas: A Comparison of Frameless and Frame-Based Systems. *March 2004*
2. Grand Rounds Presentation: Brown University Department of Neurology "Cervical Spondylotic Myelopathy - From Ancient Times to the "Decade of the Spine": What Have We Learned?" *February 2006*
3. Grand Rounds Presentation: Yale University Department of Neurosurgery "Management of Acute Spinal Cord Injury - From Ancient Times to the 'Decade of the Spine': What Have We Learned?" *April 2006*
4. Grand Rounds Presentation: Department of Neurology, The Warren Alpert Medical School of Brown University. "Lumbar Stenosis". *February 2008*.
5. Life-Changing Neurosurgical Trauma: Trauma Care Symposium, Rhode Island Hospital. *September 2009*
6. Grand Rounds Presentation: Brown University Department of Medicine (Oncology) A Multimodality Approach to Spinal Metastatic Disease *February 2010*

7. Grand Rounds Presentation: Department of Neurology, The Warren Alpert Medical School of Brown University. “Management of Spinal Disorders – A Multidisciplinary Approach”. *April 2011*.
8. Everything You Wanted to Know About Spinal Cord Injuries but Were Afraid to Ask: Trauma Care Symposium, Rhode Island Hospital. *October 2011*
9. Invited Lecturer Southern New England Rehab Conference: Spinal Cord Injury – Acute Medical and Surgical Management. September 2012
10. Grand Rounds Presentation – Brown University Department of Neurosurgery: Minimally-Invasive Approaches to the Thoracolumbar Spine: Evolution of Surgical Practice *January 18, 2016*
11. Grand Rounds Presentation – Brown University Department of Neurosurgery: Spinal Navigation: The Brown Neurosurgery Experience – What Have We Learned? January 22, 2018
12. Keynote Speaker, Brainlab National Sales Meeting - Spinal Navigation: The Brown Neurosurgery Experience – What Have We Learned? Park City, Utah January 29, 2018
13. Visiting Professor/Grand Rounds Presentation – Stanford University Department of Neurosurgery: Incorporation of Spinal Navigation into a Multidisciplinary Spine Practice: The Brown Neurosurgery Experience. October 19, 2018
14. Brainlab Spine Masters Course, Denver, Colorado. Lateral Approaches to the Thoracic and Lumbosacral Spine: Is There a Role for Navigation? March 1-2, 2019
15. Visiting Professor/Grand Rounds Presentation – Upstate University Department of Neurosurgery: Incorporation of Spinal Navigation into a Multidisciplinary Spine Practice: The Brown Neurosurgery Experience. April 24, 2019
16. Visiting Professor/Grand Rounds Presentation – Brigham and Women’s Hospital, Harvard Medical School Department of Neurosurgery: Incorporation of Computer-Assisted Technology into a Multidisciplinary Spine Practice. June 12, 2019

COURSES AND INSTRUCTORSHIPS

1. Depuy Spine Fellows’ Course – Assistant Instructor - 2005.

2. Depuy Spine Fellows' Course – Assistant Instructor - 2006.
3. Brown Neurosurgery Spine Cadaver Course – Course Director – 2007
4. Brown Neurosurgery Spine Cadaver Course – Course Director – 2009
5. Depuy Residents' Spine Course – Course Faculty – 2011
6. Medtronic/Brown Neurosurgery Spine Course – Course Director – 2011
7. Depuy Senior Residents' Advanced Spine Course – Course Faculty – 2011
8. Depuy Senior Residents' Advanced Spine Course – Course Faculty – 2012
9. Brown Neurosurgery Spine Cadaver Course – Course Director – 2013
10. Brown Neurosurgery Spine Cadaver Course – Course Director – 2014
11. Depuy Future Leaders Spine Course I for Residents and Fellows – Course Faculty – January 2015
12. Depuy Future Leaders Spine Course II for Residents and Fellows – Course Faculty – May 2015
13. Comprehensive Spine Center Interdisciplinary Spine Conference – October 2016 – Course Director
14. Brown Neurosurgery and Orthopedic Surgery Cadaveric Spine Course: Comprehensive Technical Review – June 2017 – Course Director
15. Comprehensive Spine Center Interdisciplinary Spine Conference – October 2017 – Course Director
16. 2nd Annual Spinal Navigation, Emerging Technologies and Systems Integration Course; Seattle Science Foundation – December 2017 – Course Faculty
17. Emerging Technologies in Spine Surgery: AANS Annual Meeting, April 2018 – Course Faculty
18. 2nd Annual Brown-Harvard-Yale, Neurosurgery and Orthopedic Surgery Hands-On Cadaveric Spine Course: Comprehensive Technical Review – June 2018 – Course Director

19. Comprehensive Spine Center Interdisciplinary Spine Conference – October 2018 – Course Director
20. AANS/CNS Joint Spine Section Meeting Board Review Course – March 2019 – Course Faculty
21. 3rd Annual Brown-Harvard-Yale-Tufts Neurosurgery and Orthopedic Surgery Hands-On Cadaveric Spine Course: Comprehensive Technical Review – June 2018 – Course Director