

CURRICULUM VITAE

PETER G. CAMPBELL, M.D.

PHYSICIAN



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EDUCATION

2005 – 2012 Resident Neurological Surgery, Thomas Jefferson University, Philadelphia
2001 - 2005 Louisiana State University Health Sciences Center – Shreveport, Louisiana
1997 - 2001 Louisiana State University – Baton Rouge, Louisiana

MEDICAL LICENSURES

2016 - Present Louisiana
2012 - Present Pennsylvania - Active
2012 - Present Maryland – Active

EMPLOYMENT HISTORY

2016 – Present Spine Institute of Louisiana, Shreveport, LA
2012 – 2016 Parkway Neuroscience & Spine Institute, Hagerstown MD

PUBLICATIONS

Peer-Reviewed Literature

Yadla S, Ghobrial GM, **Campbell PG**, Maltenfort MG, Harrop JS, Ratliff JK, Sharan AD. Identification of complications that have a significant effect on length of stay after spine surgery and predictive value of 90-day readmission rate. *J Neurosurg Spine*. 2015 Dec;23(6):807-11.

Chitale R, **Campbell PG**, Yadla S, Whitmore RG, Maltenfort MG, Ratliff JK. International classification of disease clinical modification 9 modeling of a patient comorbidity score predicts incidence of perioperative complications in a nationwide inpatient sample assessment of complications in spine surgery. *J Spinal Disord Tech*. 2015 May;28(4):126-33.

Whitmore RG, Stephen JH, Vernick C, **Campbell PG**, Yadla S, Ghobrial GM, Maltenfort MG, Ratliff JK. ASA grade and Charlson Comorbidity Index of spinal surgery patients: correlation with complications and societal costs. *Spine J*. 2014 Jan;14(1):31-8.

Teufack S, **Campbell P**, Sharma P, Lachman T, Kenyon L, Harrop J, Prasad S. Thoracic Myelopathy Due to an Intramedullary Herniated Nucleus Pulposus: First Case Report and Review of the Literature. *Neurosurgery*. 2012 Jul;71(1):E199-202.

Ghobrial GM, Anderson PA, Chitale R, **Campbell PG**, Lobel DA, Harrop J. Simulated spinal cerebrospinal fluid leak repair: an educational model with didactic and technical components. *Neurosurgery*. 2013 Oct;73 Suppl 1:111-5

Leng T, Jaben KA, Zheng L, Yang J, Paulus YM, Moshfeghi AA, Maltenfort MG, **Campbell PG**, Ratliff JK, Moshfeghi DM. The influence of medical school and residency training program upon choice of an academic career and academic productivity among otolaryngology faculty in the United States of America: Our experience of 1433 academic otolaryngologists. *Clin Otolaryngol*. 2012 Feb;37(1):58-62.

Whitmore RG, Stephen J, Stein SC, **Campbell PG**, Yadla S, Harrop JS, Sharan AD, Maltenfort MG, Ratliff JK. Patient Comorbidities and Complications following Spinal Surgery: A Societal-based Cost Analysis. *Spine (Phila Pa 1976)*. 2012 May 20;37(12):1065-71.

- Campbell PG**, Yadla S, Nasser R, Malone J, Maltenfort MG, Ratliff JK. Patient comorbidity score predicting the incidence of perioperative complications: assessing the impact of comorbidities on complications in spine surgery. *J Neurosurg Spine*. 2012 Jan;16(1):37-43.
- Campbell PG**, Yadla S, Malone J, Maltenfort MG, Harrop JS, Sharan AD, Ratliff JK. Complications related to instrumentation in spine surgery: a prospective analysis. *Neurosurg Focus*. 2011 Oct;31(4):E10.
- Amenta PS, Yadla S, **Campbell PG**, Maltenfort MG, Dey S, Ghosh S, Ali MS, Jallo JI, Tjoumakaris SI, Gonzalez LF, Dumont AS, Rosenwasser RH, Jabbour PM. Analysis of Non-Modifiable Risk Factors for Intracranial Aneurysm Rupture in A Large, Retrospective Cohort. *Neurosurgery*. 2012 Mar;70(3):693-701.
- Yadla S, **Campbell PG**, Jallo J. Traumatic brain injury: Current management, controversies, and clinical trials. *Neurosurgery Quarterly*. Volume 21, Issue 3, August 2011, Pages 168-179
- Campbell PG**, Yadla S, Sen AN, Jallo J, Jabbour P. Emergency reversal of clopidogrel in the setting of spontaneous intracerebral hemorrhage. *World Neurosurg*. 2011 Jul-Aug;76(1-2):100-4.
- Campbell PG**, Awe OO, Maltenfort MG, Moshfeghi DM, Leng T, Moshfeghi AA, Ratliff JK. Medical school and residency influence on choice of an academic career and academic productivity among neurosurgery faculty in the United States. *J Neurosurg*. 2011 Aug;115(2):380-6.
- Campbell PG**, Lee YH, Bell RD, Maltenfort MG, Moshfeghi DM, Leng T, Moshfeghi AA, Ratliff JK. Medical School and Residency Influence on Choice of an Academic Career and Academic Productivity Among US Neurology Faculty. *Arch Neurol*. 2011 Aug;68(8):999-1004.
- Yadla S, Malone J, **Campbell PG**, Maltenfort MG, Sharan AD, Harrop JS, Ratliff JK. Preoperative diagnosis and early complications in thoracolumbar spine surgery: a single center prospective study. *J Spinal Disord Tech*. 2011 Apr;24(2):E16-20.
- Campbell PG**, Yadla S, Rosen M, Bilyk JR, Murchison AP, Evans JJ. Endoscopic transnasal cryo-assisted removal of an orbital cavernous hemangioma: a technical note. *Minim Invasive Neurosurg*. 2011 Feb;54(1):41-3.
- Yadla S, **Campbell PG**, Chitale R, Maltenfort MG, Jabbour P, Sharan AD. Effect of Early Surgery, Material, and Method of Flap Preservation on Cranioplasty Infections: A Systematic Review. *Neurosurgery* 2011 Apr;68(4):1124-9
- Campbell PG**, Malone J, Yadla S, Chitale R, Nasser R, Maltenfort MG, Vaccaro A, Ratliff JK. Comparison of ICD-9-based, retrospective, and prospective assessments of perioperative complications: assessment of accuracy in reporting. *J Neurosurg Spine*. 2011 Jan;14(1):16-22. Epub 2010 Dec 10.
- Campbell PG**, Kenning E, Andrews DW, Yadla S, Rosen M, Evans JJ. Outcomes after a purely endoscopic transsphenoidal resection of growth hormone-secreting pituitary adenomas. *Neurosurg Focus*. 2010 Oct;29(4):E5.
- Campbell PG**, Jabbour P, Yadla S, Awad IA. Emerging clinical imaging techniques for cerebral cavernous malformations: a systematic review. *Neurosurg Focus*. 2010 Sep;29(3):E6.

Yadla S, Jabbour PM, Shenkar R, Shi C, **Campbell PG**, Awad IA. Cerebral cavernous malformations as a disease of vascular permeability: from bench to bedside with caution. *Neurosurg Focus*. 2010 Sep;29(3):E4.

Yadla S, Malone J, **Campbell PG**, Maltenfort MG, Harrop JS, Sharan AD, Ratliff JK. Early complications in spine surgery and relation to preoperative diagnosis: a single-center prospective study. *J Neurosurg Spine*. 2010 Sep;13(3):360-6.

Campbell PG, Sen A, Yadla S, Jabbour P, Jallo J. Emergency Reversal of Antiplatelet Agents in Patients Presenting with an Intracranial Hemorrhage: A Clinical Review. *World Neurosurg*. 2010 August - September;74(2-3):279-285.

Campbell PG, Yadla S, Malone J, Zussman B, Maltenfort MG, Sharan AD, Harrop JS, Ratliff JK. Early Complications Related to Approach in Cervical Spine Surgery: Single-Center Prospective Study. *World Neurosurg*. 2010 August - September;74(2-3):363-368.

Sen AN, **Campbell PG**, Yadla S, Jallo J, Sharan AD. Deep brain stimulation in the management of disorders of consciousness: a review of physiology, previous reports, and ethical considerations. *Neurosurg Focus*. 2010 Aug;29(2):E14.

Luginbuhl AJ, **Campbell PG**, Evans J, Rosen M. Endoscopic repair of high-flow cranial base defects using a bilayer button. *Laryngoscope*. 2010 May;120(5):876-80.

Yadla S, Malone J, **Campbell PG**, Maltenfort MG, Harrop JS, Sharan AD, Vaccaro AR, Ratliff JK. Obesity and spine surgery: reassessment based on a prospective evaluation of perioperative complications in elective degenerative thoracolumbar procedures. *Spine J*. 2010 Jul;10(7):581-7. Epub 2010 Apr 20.

Campbell PG, Malone J, Yadla S, Maltenfort MG, Harrop JS, Sharan AD, Ratliff JK. Early complications related to approach in thoracic and lumbar spine surgery: a single center prospective study. *World Neurosurg*. 2010 Apr;73(4):395-401.

Campbell PG, McGettigan B, Luginbuhl A, Yadla S, Rosen M, Evans JJ. Endocrinological and ophthalmological consequences of an initial endonasal endoscopic approach for resection of craniopharyngiomas. *Neurosurg Focus*. 2010 Apr;28(4):E8.

Yadla S, Malone J, **Campbell PG**, Nasser R, Maltenfort MG, Harrop JS, Sharan AD, Ratliff JK. Incidence of early complications in cervical spine surgery and relation to preoperative diagnosis: a single-center prospective study. *J Spinal Disord Tech*. 2011 Feb;24(1):50-4.

Teufack SG, **Campbell P**, Jabbour P, Maltenfort M, Evans J, Ratliff JK. Potential financial impact of restriction in "never event" and periprocedural hospital-acquired condition reimbursement at a tertiary neurosurgical center: a single-institution prospective study. *J Neurosurg*. 2010 Feb;112(2):249-56.

Campbell PG, Birknes JK, Sharan AD, Harrop JS, Vaccaro AR, Ratliff JK: Hemorrhage into an occult spinal ependymoma after epidural anesthesia. *The Open Surgery Journal* 2008. 2: 18-20.

Campbell PG, Harrop JS. Incidence of fracture in adjacent levels in patients treated with balloon kyphoplasty: a review of the literature. *Curr Rev Musculoskelet Med*. 2008 Jan;1:61-64

Campbell PG, Jawahar A, Fowler MR, DeLaune A, Nanda A. Primary Central Nervous System Lymphoma of the Brainstem Responding Favorably to Radiosurgery: A Case Report and Literature Review. *Surg Neurol.* 2005 Nov;64(5):400-5; discussion 405. Review.

Jawahar A, Shaya M, **Campbell PG**, Ampil F, Willis BK, Smith DR, Nanda A. Role of Stereotactic Radiosurgery as a Primary Treatment Option in the Management of Newly Diagnosed, Multiple (3 to 6) Intracranial Metastases. *Surg Neurol.* 2005 Sep;64(3):207-12.

Non-Peer Reviewed Literature

Campbell PG, Falowski S. Open Paddle Placement for Spinal Cord Stimulation. New York, NY, Springer [In Press].

Zussman B, **Campbell PG**, Harrop J. Anterior Cervical Discectomy in Core Techniques in Operative Neurosurgery. Philadelphia, PA, Saunders Elsevier 2011, pp 416 - 421.

Campbell PG, Hanna A, Harrop JS. Spinal Dural Injuries in Rothman Simeone: The Spine, ed 6. Philadelphia, PA, Saunders Elsevier 2011, Vol 2, pp 1720-1727.

Campbell PG, Harrop J. Closed Head Injury with Concomitant Spinal Cord Injury for Spine and Spinal Cord Trauma: Evidence-Based Management.

Campbell PG. Trigeminal Neuralgia (Review). Patient Education Handout for the Congress of Neurological Surgeons.

PRESENTATIONS

Long-term efficacy of surgical clipping for cerebral aneurysms. **Campbell PG**, Ooi YC, Gonzales FG, Jabbour P, Rosenwasser RH, Tjoumakaris S. Open paper presented at the Pennsylvania Neurosurgical Society, Hershey, July 9, 2010

Accuracy of ICD-9-Based and Retrospective Assessments of Perioperative Adverse Events: Comparison with a Prospective Assessment of Complications in Spine Surgery. Ratliff JK, **Campbell PG**, Yadla S, Malone J, Maltenfort M. Plenary Session at the American Association of Neurological Surgeons, Philadelphia, May 4, 2010. Robert Florin Award Recipient.

Endovascular Treatment of Ruptured and Unruptured Carotid-Ophthalmic Aneurysms: A Single-Institution Experience. Yadla S, **Campbell PG**, Grobelny B, Rosenwasser RH, Jabbour P. Open paper presented at the American Association of Neurological Surgeons, Philadelphia, May 4, 2010.

Early Complications Related to Approach in Spine Surgery: A Single Center Prospective Study. **Campbell PG**, Malone J, Yadla S, Maltenfort MG, Harrop JS, Sharan AD, Ratliff JK. Open paper presented at the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Orlando, February 19, 2010.

Partial Hemispheric Disconnection Syndromes after Resection of Tumors Involving the Posterior Corpus Callosum. **Campbell PG**, Sperling MR, Andrews DW. Open paper presented at the Society of Neurooncology Meeting, New Orleans, October 23, 2009.

Skull Base Reconstruction in Endoscopic Transnasal Surgery: A Presentation of a Novel "Button" Technique. **Campbell PG**, Luginbuhl A, Rosen M, Evans JJ. Open paper presented at the North American Skull Base Society, New Orleans, October 17, 2009.

Hemorrhagic Complications of External Ventricular Drainage in Patients with Aneurysmal Subarachnoid Hemorrhage. **Campbell PG**, Gordin E, Liebman K. Open paper presented at the American Association of Neurological Surgeons, Chicago, April 28, 2008.

Phase III Randomized Trial to Assess the Efficacy of Gamma Knife Radiosurgery with or without XRT for Brain Metastasis. Jawahar A, **Campbell PG**, Delaune A, Ampil F, Nanda A. Plenary Session at the American Association of Neurological Surgeons, New Orleans, April 18, 2005.

Defining the role of Stereotactic Radiosurgery in the Management of Newly Diagnosed, Multiple (3 or more) Intracranial Metastases: Is Whole Brain Radiation Necessary? Shaya M, **Campbell PG**, Ampil F, Willis BK, Smith DR, Nanda A. Open paper presented at the Congress of Neurological Surgeons, San Francisco, October 18, 2004. Mahaley Award Recipient.

RESEARCH ACTIVITIES

Study: A non-randomized safety and efficacy study of patients receiving Nucler® bone graft for one or two level interbody fusion for degenerative disease of the lumbar spine. (Nucler-03)

Sponsor Name: NuTech Medical Inc.

Device: Nucler

Investigator(s) Name: Pierce Nunley, MD; Eubulus Kerr III, MD; Andrew Utter, MD; Peter Campbell, MD

Status: Active Enrolling

Study: A Prospective, Multicenter, Randomized, Double-blind, Placebo-controlled Study to Evaluate the Efficacy and Safety of a Single Injection of rexllestrocel-L Alone or combined with Hyaluronic Acid (HA) in Subjects with Chronic Discogenic Lumbar Back Pain Through 12 Months
Sponsor Name: Mesoblast Ltd

Device: Rxllestrocel-L

Investigator(s) Name: Pierce Nunley, MD; Eubulus Kerr III, MD; David Cavanaugh, MD; Andrew Utter, MD; Rama Letchuman; Peter Campbell, MD

Status: Actively Enrolling

Study: A Phase 2b, Randomized, Double-Blind, Placebo-Controlled Study To Evaluate The Safety and Efficacy of *Staphylococcus Aureus* 4-Antigen Vaccine (SA4Ag) in Adults Undergoing Elective Posterior Instrumented Lumbar Spinal Fusion Procedures

Sponsor Name: Pfizer

Device: *Staphylococcus aureus* 4-Antigen Vaccine (SA4Ag) (PF-06290510)

Investigator(s) Name: Pierce Nunley, MD, Eubulus Kerr III, MD; David Cavanaugh, MD; Andrew Utter, MD; Peter Campbell, MD

Status: Actively Enrolling

Study: Clinical Study Protocol for the Investigation of the Simplify™ Cervical Artificial Disc

Sponsor Name: Simplify Medical Inc

Device: Simplify Disc (Cervical Artificial Disc)

Investigator(s) Name: Pierce Nunley, MD; Eubulus Kerr III, MD; David Cavanaugh, MD; Andrew Utter, MD; Peter Campbell, MD

Status: Actively Enrolling

Study: Clinical Investigation Plan for Post Approval 'Real Conditions of Use' Study, A 2 and 5 year comparative evaluation of clinical outcomes in the treatment of degenerative spinal stenosis with concomitant low back pain by decompression with and without additional stabilization using the coflex Interlaminar Technology for FDA real conditions of use study.

Sponsor Name: Paradigm Spine

Device: Coflex Interlaminar Technology

Investigator(s) Name: Pierce Nunley, MD; Eubulus Kerr III, MD; Andrew Utter, MD; Peter Campbell, MD

Status: Actively Enrolling

Study: A phase 3, open-label study to evaluate the safety of oliceridine (TRV130) in patients with acute pain for which parenteral opioid therapy is warranted

Sponsor Name: Trevena, Inc.

Device: Oliceridine (TRV130) – Drug number 113,537

Investigator(s) Name: Pierce Nunley, MD; Eubulus Kerr III, MD; David Cavanaugh, MD; Andrew Utter, MD; Peter Campbell, MD

Status: Actively Enrolling

Study: A 2 and 5 year comparative evaluation of clinical outcomes in the treatment of moderate lumbar spinal stenosis with the Superior® Indirect Decompression System (IDS) vs. direct decompression surgery for FDA Actual Conditions of Use Study

Sponsor Name: Vertiflex, Inc

Device: Superior

Investigator(s) Name: Pierce Nunley, MD; Eubulus Kerr III, MD; Peter Campbell, MD; Andrew Utter, MD

Status: Actively Enrolling

PROFESSIONAL SERVICE

2011 - Present	Congress of Neurological Surgeons Education Committee - Faculty Simulation in Neurosurgery
2010 - Present	Peer Reviewer Laryngoscope
2009 - Present	Peer Reviewer Neurocritical Care

PROFESSIONAL MEMBERSHIPS

2016 – Present	Shreveport Medical Society
2016 – Present	Louisiana State Medical Society
2012 – Present	Congress of Neurological Surgeons-Active Member
2008 – Present	AANS/CNS Joint Section of the Disorders of the Spine and Peripheral Nerves
2007 - Present	AANS/CNS Joint Section on Tumors
2006 – Present	Southern Neurosurgical Society
