

CURRICULUM VITAE

Brooks R. Osburn, MD

Business Address

Florida Orthopaedic Institute
560 S Lakewood Dr
Brandon, Florida
33511

Business Telephone

(813) 978-9700

License Information

Florida Medical License Number: ME150546 (Active)

Washington Medical License Number: FE60838076 (Expired)

Board Certifications

Board Eligible—Pending Oral Boards
American Board of Neurological Surgery
Written Primary Examination—Passed (3/2019)
2766 Commerce Drive NW, Suite B
Rochester, MN 55901

Employment History

Florida Orthopaedic Institute
Department Head: Dr. Roy Sanders
13020 Telecom Parkway N
Temple Terrace, Florida 33637-0925
Contact Telephone # 813-978-9700 ext.7146
9/7/21- Present

Faculty Appointments

University of South Florida
Assistant Professor
Department of Orthopaedic Surgery
Florida Orthopaedic Institute
Department Head: Dr. Roy Sanders
13020 Telecom Parkway N
Temple Terrace, FL, 33637-0925
Contact Telephone # 813-978-9700 ext.7146

Graduate Medical Training

Fellowship

Swedish Neuroscience Institute
Enfolded Complex and Minimally Invasive Spine Surgery
Department Head: Dr. Rod Oskouian Jr.
550 17th Avenue Suite 520
Seattle, WA, 98122
Contact Telephone # 206-320-3782
Sue Thomas, Fellowship Coordinator
7/1/18 – 12/15/18

University of South Florida
Enfolded Spinal Deformity and Complex Spine Surgery
Department Head: Dr. Puya Alikhani
2 Tampa General Circle, 7th Floor
Tampa, FL, 33606
Contact Telephone # 813-394-5227
Kelly Thompson, Residency Coordinator
1/1/19 – 6/30/19

Residency

University of South Florida
Department Head: Dr. Harry van Loveren
2 Tampa General Cir, 7th Floor
Tampa, FL, 33606
Contact Telephone # 813-394-5227
Kelly Thompson, Residency Coordinator
7/1/14 – 6/30/21

Medical School

University of Missouri-Kansas City
Department Head: Dr. Mary Anne Jackson

2411 Holmes Street
Kansas City, MO, 64108
Contact Telephone # 816-235-1808
8/4/08 – 5/24/14

Undergraduate

University of Missouri-Kansas City
5100 Rockhill, Rd
Kansas City, MO, 64110
Contact Telephone # 816-235-1000
8/4/08 – 5/7/13

Honors and Awards

Fernando L. Vale Golden Apple Resident Teacher of the Year (2020)

Professional Affiliations/Memberships

American Association of Neurological Surgeons- 7/1/14 – Present
Congress of Neurological Surgeons- 7/1/14 – Present
North American Spine Society- 7/21/21 – Present

Publications

Osburn, B., Wang, C. (2021). Thriving in a Two-Surgeon Household. In: Agarwal, N., Reddy, V. (eds) *Surviving Neurosurgery*. Springer, Cham. https://doi.org/10.1007/978-3-030-86917-5_83

N. Shimony, MD, C. Louie, MD; D. Barrow, MD; B. Osburn, MD; M. Hassan Noureldine, MD; G. Tuite, MD; C. Carey, MD; G. Jallo, MD; L. Rodriguez, MD. “Adolescent disc disease: risk factors and treatment success related factors.” *World Neurosurgery*, 2021

E. Pressman, BS; B. Osburn, MD; P. Krafft, MD; A. Vivas, MD; V. Ljubimov, MD; L. Chen, PhD; R. Mhaskar, PhD; P. Alikhani, MD. “Rhabdomyolysis After Spinal Fusion Surgery: Management Schema and Prevention of a Catastrophic Complication.” *British Journal of Neurosurgery*, 2020

P. Krafft, MD; B. Osburn, MD; A. Vivas, MD; G. Rao, BS; P. Alikhani, MD. “Novel Titanium Cages for Minimally Invasive Lateral Lumbar Interbody Fusion: First Assessment of Subsidence.” *Spine Surgery and Related Research*. 2020

A. Jack, MD; B. Osburn, MD; Z. Tymchak, MD; W. Ramey, MD; R. Oskouian, MD; L. Jacques, MD; R. Hart, MD; J. Chapman, MD; S. Tubbs,

MS, PhD, PA-C. “Foraminal Ligaments Tether Upper Cervical Nerve Roots: A Potential Cause of Postoperative C5 Palsy.” *J Brachial Plexus Periph Nerve Inj.* (in press, 2020)

A. Vivas, MD; S. Sivakanthan, MD; J. Paluzzi, MD; B. Osburn, MD; J. Sack, MD; M. Greenberg, MD; J. Uribe, MD; P. Alikhani, MD. “Minimally Invasive Lateral Corpectomy in the Treatment of Spinal Deformity Related to Osteomyelitis: Indications for Treatment and Clinical Outcomes.” *Southern Neurosurgical Society Annual Meeting. 2019*

J. Paluzzi, MD; A. Vivas, MD; C.-P. Yen, MD; J. Janeszewski, MD; K. Bach, MD; B. Osburn, MD; M. Greenberg, MD; D. Smith, MD; J. Uribe, MD. “The Role of Minimally Invasive Anterior Column Reconstruction in Maintaining Sagittal Balance.” *Society for Minimally Invasive Spine Surgery Annual Meeting. 2017*

N. Shimony, MD; B. Osburn, MD; S. Hartnett, MD; M. Groves, MD; G. Jallo, MD. Rare spinal cord tumors. In *Spinal Cord Tumors* (pp. 397-431). Springer International Publishing. 2020

N. Shimony, MD; S. Hartnett, MD; B. Osburn, MD; M. Groves, MD; G. Jallo, MD. Malignant Intramedullary Spinal Cord Tumors. In *Spinal Cord Tumors* (pp. 337-364). Springer International Publishing. 2020

N. Shimony, MD; B. Osburn, MD; G. Jallo, MD. Pediatric Intracranial Hypertension: Part I Diagnosis and General Management; Part II Key points for Different Etiologies. *Pediatrics in Review. 2019*

N. Shimony, B. Osburn, G. Jallo. “Procedure 88- Surgical Management of Spinal Dural Arteriovenous Fistulas.” *Core Techniques in Operative Neurosurgery*, Elsevier. 2020

N. Shimony, B. Osburn, G. Jallo. “Procedure 94- Exploration for Injury to an Infant’s Brachial Plexus.” *Core Techniques in Operative Neurosurgery*, Elsevier. 2020

N. Shimony, B. Osburn, G. Jallo. “Procedure 95— Ulnar Nerve Release.” *Core Techniques in Operative Neurosurgery*, Elsevier. 2020

N. Shimony, B. Osburn, G. Jallo. “Procedure 96- Open Carpal Tunnel Release.” *Core Techniques in Operative Neurosurgery*, Elsevier. 2020

N. Shimony, B. Osburn, G. Jallo. “Procedure 99- Intramedullary Spinal Cord Tumor.” *Core Techniques in Operative Neurosurgery*, Elsevier. 2020

N. Shimony, B. Osburn, G. Jallo. “Medulloblastoma.” *Background, Pathophysiology, Epidemiology*, [emedicine.medscape.com/article/1181219](https://www.emedicine.com/article/1181219). 2019

Presentations

Artificial Intelligence Adoption in Spine Surgery. May 2024. Castellvi Spine Symposium. Duck Key, FL.

Cervicothoracic Deformity. May 2024. Castellvi Spine Symposium. Duck Key, FL.

Lateral Approaches to Complex Thoracolumbar Pathology. March 2021. Grand Rounds Presentation. University of Cincinnati, Department of Neurological Surgery, Cincinnati, OH.

Adolescent Idiopathic Scoliosis-Classification. February 2019. Grand Rounds Presentation. University of South Florida, Department of Neurological Surgery, Tampa, FL.

Osteoporosis in Spine Surgery. February 2018. Grand Rounds Presentation—Letters to Atticus. University of South Florida, Department of Neurological Surgery, Tampa, FL.

The Role of Minimally Invasive Anterior Column Reconstruction in Maintaining Sagittal Balance. September 2017. Society of Minimally Invasive Spine Surgery, Las Vegas, NV.

Hand-eye coordination/Motor Memory. April 2017. Grand Rounds Presentation—Letters to Atticus. University of South Florida, Department of Neurological Surgery, Tampa, FL.

Anti-coagulation in Traumatic Brain Injury. April 2016. Grand Rounds Presentation. University of South Florida, Department of Neurological Surgery, Tampa, FL.

Blunt Cerebrovascular Injury. October 2015. Combined Trauma/Neurosurgery Grand Rounds Presentation. University of South Florida, Department of Neurological Surgery, Tampa, FL.

Neuromyelitis Optica: A Case Presentation of an experience at University of South Florida. June 28, 2013. Grand Rounds Presentation, University of South Florida, Department of Neurological Surgery, Tampa, FL.

Tethered Cord Syndrome: A Case Based Overview of an experience at University of Kansas. July 26, 2013. Grand Rounds Presentation, University of Kansas, Department of Neurological Surgery, Kansas City, KS.