

**VINCENT N. NGUYEN**  
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**EDUCATION**

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2021-2022	SEMMES-MURPHEY CLINIC (SMC) Enfolded Fellowship, Endovascular Neurosurgery Fellowship Director: Adam S. Arthur, MD, MPH
2015-2022	UNIVERSITY OF TENNESSEE HEALTH SCIENCE CENTER (UTHSC) Residency, Department of Neurosurgery ABNS Primary Examination, Passed May 2016 Program Director: L. Madison Michael II, MD
2011-2015	TEMPLE UNIVERSITY SCHOOL OF MEDICINE M.D., USMLE Steps 1-3 Passed
2006-2011	UNIVERSITY OF CALIFORNIA, SAN DIEGO B.S., Biochemistry & Cell Biology (Magna Cum Laude), Minor in Psychology

**PEER REVIEWED PUBLICATIONS**

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1. **Nguyen VN**, Motiwala M, Ha L, Boom AD, Boop FA. C4-T3 Replacement Laminoplasty and Microsurgical Resection of Ependymoma: 2-Dimensional Operative Video. *Operative Neurosurgery*. 2021 Jun 30; PMID 34195826
2. Heiferman DM, Peterson JC, Johnson KD, **Nguyen VN**, Dornbos D, Moore KA, Inoa V, Hoit DA, Arthur AS. Woven EndoBridge Aneurysm Clippings: 2-Dimensional Operative Video. *Operative Neurosurgery*. 2021 Jun 25; PMID 34171908
3. Lee KS, Zhang JY, **Nguyen V**, Han J, Johnson JJ, Kirollos R, Teo M. The evolution of intracranial aneurysm treatment techniques and future directions. *Neurosurgical Review*. 23 Apr 2021; PMID 33891216
4. **Nguyen VN**, Khan NR, Arnautović KI. Cranio-Orbital Pretemporal Approach for Resection of a Right Superior Orbital Fissure/Orbital Renal Cell Metastasis: 2-Dimensional Operative Video. *Operative Neurosurgery*. 2021 Jan 30; PMID 32445577
5. Khan NR, Peterson J, Dornbos III D, **Nguyen V**, Goyal N, Torabi R, Hoit D, Eljovich L, Inoa-Acosta V, Morris D, Nickle C, Jabbour P, Peterson EC, Arthur AS. Predicting the degree of difficulty of the trans-radial approach in cerebral angiography. *J Neurointerv. Surg*. 2020 Aug 13; PMID 32792364
6. **Nguyen VN**, Khan NR, Arnautović KI. Microsurgical Resection of a C1-C2 Dumbbell and Ventral Cervical Schwannoma: 2-Dimensional Operative Video. *Operative Neurosurgery*. 2020 May 23; PMID 32445577
7. Pojskic M, **Nguyen V**, Boop FA, Arnautovic KI. Microsurgical Resection of the IV Ventricle Subependymoma: 2-Dimensional Operative Video. *Operative Neurosurgery*. 2019 Dec 7; PMID 31811301
8. **Nguyen V**, Basma J, Mangham WM, Khan NR, Sorenson JM, Michael LM. Resection of a Recurrent Cervico-Medullary Junction Fibromyxoid Sarcoma Through a Far Lateral Approach. *J Neurol Surg B Skull Base*. 2021 Feb; PMID 33717814
9. Michael LM, **Nguyen V**, Basma J, Mangham WM, Khan NR, Sorenson JM. Far Lateral Approach for Resection of Transverse Ligament Cyst. *J Neurol Surg B Skull Base*. 2021 Feb; PMID 33717813
10. Basma J, **Nguyen V**, Mangham WM, Khan NR, Sorenson JM, Michael LM. Far Lateral Approach for Clipping of Posterior Inferior Cerebellar Artery Aneurysm. *J Neurol Surg B Skull Base*. 2019 Dec; PMID 31750054

11. Pojskic M, **Nguyen V**, Lakicevic G, Arnautovic K. Microsurgical Resection of Brain Stem Ependymoma: 2-Dimensional Operative Video. *Operative Neurosurgery*. 2019 Aug 23; PMID 31504845
12. Hersh DS, Moore KM, **Nguyen VN**, Elijevich L, Choudhri A, Diaz J, Khan R, Vaughn B, Klimo P. Evaluation and treatment of children with radiation-induced cerebral vasculopathy. *JNS Pediatrics*. 2019 Sep 20; PMID 31629322
13. **Nguyen V**, Wallace D, Ajmera S, Akinduro O, Smith L, Giles K, Vaughn B, Klimo P. Management of Subdural Hematohydras in Abusive Head Trauma. *Neurosurgery*. 2019 Apr 10; PMID 31321424
14. Mustafa Motiwala, Sonia Ajmera, Olutomi Akinduro, David Wallace, Sebastian P Norrdahl, Andrew Schultz, Brittany Fraser, Hassan Saad, Melissa Justo, Pooja Dave, **Vincent Nguyen**, Brandy Vaughn, L Madison Michael, Paul Klimo Jr. How Does the Media Portray Neurosurgeons? *World Neurosurgery*. 2019 Feb; PMID 31108076
15. **Nguyen V**, Basma J, Sorenson J, Michael LM 2nd. Microvascular Decompression for Geniculate Neuralgia through a Retrosigmoid Approach. *J Neurol Surg B Skull Base*. 2019 Jan; PMID 31143613
16. Basma J, **Nguyen V**, Sorenson J, Michael LM 2nd. Extended Retrosigmoid Approach for the Resection of a Pontomedullary Junction Cavernous Malformation. *J Neurol Surg B Skull Base*. 2018 Dec; PMID 30456048
17. Nickele C, **Nguyen V**, Fisher W, Couldwell W, Aboud E, David C, Morcos J, Charalampaki C, Arthur A. A Pilot Comparison of Multispectral Fluorescence to Indocyanine Green Videoangiography and Other Modalities for Intraoperative Assessment in Vascular Neurosurgery. *Operative Neurosurgery*. 2018 Oct; PMID 30295894
18. Khan NR, Saad H, Oravec CS, Norrdahl SP, Fraser B, Wallace D, Lillard JC, Motiwala M, **Nguyen VN**, Lee SL, Jones AV, Ajmera S, Kalakoti P, Dave P, Moore KA, Akinduro O, Nyenwe E, Vaughn B, Michael LM, Klimo P Jr, An Analysis of Publication Productivity During Residency for 1506 Neurosurgical Residents and 117 Residency Departments in North America. *Neurosurgery*. 2018 May 30; PMID: 29850872
19. Basma J, **Nguyen V**, Sorenson J, Michael LM 2nd. Orbitopterional Approach with Extradural Clinoidectomy for the Resection of a Tuberculum Sellae Meningioma: Adapting the Strategy to the Microsurgical and Pathological Anatomy. *J Neurol Surg B Skull Base*. 2018 Apr; PMID 29588892
20. **Nguyen V**, Basma J, Klimo P, Sorenson J, Michael LM 2nd. Orbitopterional Approach for the Resection of a Suprasellar Craniopharyngioma: Adapting the Strategy to the Microsurgical and Pathologic Anatomy. *J Neurol Surg B Skull Base*. 2018 Apr; PMID 29588881
21. Khan NR, Saad H, Oravec CS, Rossi N, **Nguyen V**, Venable GT, Lillard JC, Patel P, Taylor DR, Vaughn BN, Kondziolka D, Barker FG 2nd, Michael LM 2nd, Klimo P Jr. A Review of Industry Funding in Randomized Controlled Trials Published in the Neurosurgical Literature-The Elephant in the Room. *Neurosurgery*. 2018 Feb 15; PMID 29462484
22. Khan NR, **Nguyen V**, Michael LM Nd. The role of endoscopy in anterior skull base surgery. *J Neurosurg Sci*. 2018 Feb; PMID 28895661
23. Khan NR, Fraser BD, **Nguyen V**, Moore K, Boop S, Vaughn BN, Klimo P Jr. Pediatric abusive head trauma and stroke. *J Neurosurg Pediatr*. 2017 Aug; PMID 28574318
24. Hollon T, **Nguyen V**, Smith B, Lewis S, Junck L, Orringer D, Supratentorial hemispheric ependymomas: an analysis of 109 patients for survival and prognostic factors. *Journal of Neurosurgery*. 2016 Aug;125(2):410-8. PMID 26745489
25. Arko L, Quach E, **Nguyen V**, Chang D, Sukul V, Kim BS, Medical and surgical management of spinal epidural abscess: a systematic review. *Neurosurg Focus*. 2014 Aug;37(2):E4. PMID: 25081964
26. Liu Y, Dillon AR, Tillson M, Makarewich C, **Nguyen V**, Dell'Italia L, Sabri AK, Rizzo V, Tsai EJ, Volume overload induces differential spatiotemporal regulation of myocardial soluble guanylyl cyclase in eccentric hypertrophy and heart failure. *J Mol Cell Cardiol* 60:(72-83)2013 Jul PMID: 23567617

27. Nordt SP, Vilke GM, Clark RF, Lee Cantrell F, Chan TC, Galinato M, **Nguyen V**, Castillo EM. Energy drink use and adverse effects among emergency department patients. *J Community Health* 2012 Oct;37(5):976-81 PMID: 22367607

#### PRESENTATIONS & ABSTRACTS

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1. Predicting the Degree of Difficulty of the Trans-Radial Approach in Cerebral Angiography. Nickalus R Khan, Jeremy Peterson, David Dornbos, **Vincent Nguyen**, Nitin Goyal, Radmehr Torabi, Daniel Hoit, Lucas Elijovich, Violiza Inoa-Acosta, David Morris, Christopher Nickele, Pascal Jabbour, Eric C Peterson, Adam S Arthur. Congress of Neurological Surgeons Virtual Meeting 2020.
2. Identifying At-Risk Patients with Pediatric Intracranial Steno-Occlusive Arterial Disease: A 10-Year Experience. Nickalus R Khan, **Vincent N Nguyen**, Mustafa Motiwala, Jorge Lee Diaz, Asim Fiaz Choudhri, Lucas Elijovich, Paul Klimo. Congress of Neurological Surgeons Virtual Meeting 2020.
3. Posterior Interhemispheric Transcallosal Approach for Resection of a Pineal Region Teratoma. **Vincent N Nguyen**, Kenneth A. Moore, David S. Hersh, Frederick A. Boop. American Association of Neurological Surgeons Annual Scientific Meeting, April 2019. San Diego, California
4. Randomized Controlled Trials in Neurosurgery. **Vincent N. Nguyen**, Nickalus R. Khan, Paul Klimo Jr. 70<sup>th</sup> Southern Neurosurgical Society Annual Meeting. March 22, 2019. Key Largo, Florida
5. Analysis of Surgical Management of Subdural Hematoma in Pediatric Abusive Head Trauma. **Vincent N. Nguyen**, Olutomi Akinduro, David Wallace, Sonia Ajmera, Michael DeCuyper, Brandy Vaughn, Paul Klimo. Congress of Neurological Surgeons, October 2018, Houston Texas.
6. The Transverse Process of the Atlas as an Extension of Skull Base Anatomy and Surgical Focal Point. Jaafar Basma, **Vincent N. Nguyen**, Hassan Saad, Madison Michael, Jon Robertson, Jeffrey Sorenson. 28th Annual Meeting North American Skull Base Society, February 2018. The Loews Coronado Bay Coronado, California.
7. A Pilot Comparison of Multispectral Fluorescence to Indocyanine Green Videoangiography and Other Modalities for Intraoperative Assessment in Vascular Neurosurgery. Christopher M. Nickele, MD; **Vince Nguyen, MD**; Winfield Fisher, MD; William Couldwell, MD PhD; Emad Aboud, MD; Carlos David, MD; Jacques Morcos, MD; Cleopatra Charalampaki, MD PhD; and Adam Arthur, MD MPH 69th Southern Neurosurgical Society Annual Meeting February 28-March 3, 2018. Marco Island, Florida
8. Standing Up For Neurosurgery. **Vincent Nguyen**, Jeffrey Sorenson. Tennessee Neurosurgery Society Meeting, August 2017. Nashville, Tennessee
9. Pediatric abusive head trauma and stroke. Khan NR, Fraser BD, **Nguyen V**, Moore K, Boop S, Vaughn BN, Klimo P. Southern Neurosurgical Society Meeting, February 2017. Orlando, Florida
10. The use of collagen matrix overlay compared to expanded polytetrafluoroethylene overlay as an Anti-Adhesion barrier in Cranioplasty. Leopold Arko MD, **Vincent Nguyen MD**, Daniel Chang AB, Eric Quach BS, Justin Cohen BS, Michael Weaver MD. Congress of Neurological Surgeons, October 2015. New Orleans, LA.
11. Supratentorial extraventricular ependymomas: a case series evaluating tumor grade, extent of resection, and overall survival, Todd Hollon MD, **Vincent Nguyen BS**, Spencer Lewis, Daniel Orringer MD. American Association of Neurological Surgeons Annual Scientific Meeting, April 2015. Washington DC
12. Glioblastoma and the mutant IDH1: Meta-analysis of incidence and prognosis. Leopold Arko MD, **Vincent Nguyen BS**, Daniel Chang AB, Eric Quach BS, Vishad Sukul MD, Michael Weaver MD,

Daniel Cahill MD. American Association of Neurological Surgeons Annual Scientific Meeting, April 2015. Washington DC

13. Operative and Non-operative Management of Spinal Epidural Abscess, A Systematic Review. Leopold Arko MD, Eric T Quach BS, **Vincent Nguyen BS**, Daniel Chang BS, Joel Zachary Passer MD, Vishad V Sukul MD, Bong-Soo Kim MD, MS. Congress of Neurological Surgeons, October 18, 2014. Boston, MA
14. Erin Blevins, Annette Ilg, **Vincent Nguyen**, Morris Jones, John C. Arnold. 2011 Infectious Diseases Society of America (Boston) Poster Session. "An Adipogenic Adenovirus - E3 Gene transcription and host-virus interactions."

#### BOOK CHAPTERS

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1. **VN Nguyen**, KA Moore, DS Hersh, FA Boop. Complications of Chiari Surgery. The Chiari Malformations. RS Tubbs, JW Oakes. Springer.
2. J Basma, **V Nguyen**, J Sorenson. Intracranial Procedures in the Supine, Semi-Sitting, and Sitting Positions. Perioperative Considerations and Positioning for Neurosurgical Procedures. Pg 83-100, Springer.

#### MEDIA PUBLICATIONS

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1. The Rhoton Collection. Anterior Skull Base 1
2. The Rhoton Collection. Anterior Skull Base 2
3. The Rhoton Collection. Approaches to the Brainstem
4. The Rhoton Collection. Jugular Foramen and Far Lateral Approach

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#### HONORS AND AWARDS

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2015	Cirillo and Coulter Scholarships, Temple University School of Medicine
2011	Dean's Award Scholarship, Temple University School of Medicine
2011	NCAA Postgraduate Athletic Scholarship
2011	UC San Diego Outstanding Men's Senior Student-Athlete
2009	ITA National Arthur Ashe Jr. Award for Leadership and Sportsmanship
2006-2011	UC San Diego Thurgood Marshall College Provost's Honors
2006-2011	UC San Diego Athletic Director's Honor Roll - Gold Level
2011	UC San Diego Four-Year Letter-Winner Triton Award
2009	UC San Diego Team GPA Award
2009-2011	UC San Diego Men's Tennis Leadership Award
2008	UC San Diego Men's Tennis Most Improved Player
2008	UC San Diego Men's Tennis Rookie of the Year
2010-2011	Intercollegiate Tennis Association All-Academic Team Award
2009-2011	Intercollegiate Tennis Association Scholar-Athlete

#### ACTIVITIES

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2014	Temple Neurosurgical Society (AANS Student Chapter) Co-Founder of chapter
2012-2013	Helping Energize and Rebuild Ourselves (H.E.R.O) After school tutoring for at-risk youth in North Philadelphia

July 15, 2021

- 2006-2011 UCSD NCAA Men's Tennis Team  
Three-time captain from 2008-2011  
Team achieved a perfect 20-0 regular season record in 2010-2011 season  
Reached National Championships in 2007, 2008, 2009, 2010, 2011
- 2008-2011 UCSD Student-Athlete Advisory Committee  
Committee President 2009-2010  
Led a group of motivated student-athletes to work directly with athletic department and campus leaders to better the athletic and scholastic experience for both student-athletes and the general student body at UCSD
- 2010 US Navy Continuing Promise Humanitarian Assistance Mission  
Aided in the delivery of health care to the underserved citizens of Puerto Barrios, Guatemala on scholarship granted by the International House at UC San Diego

#### PROFESSIONAL MEMBERSHIPS

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- 2021-present Society of Neuro Interventional Surgery  
2019-present Southern Neurosurgical Society  
2017-present North American Skull Base Society  
2015-present American Association of Neurological Surgeons  
2015-present Congress of Neurological Surgeons

#### PROFESSIONAL CONTINUING EDUCATION

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- 2020 Virtual Skull Base Bundle. Congress of Neurosurgery Online Education.  
2019 Endovascular and Vascular Techniques for Residents, NREF. Memphis, TN.  
2019 Neuroendovascular Surgical Techniques for Fellows, NREF. Memphis, TN.  
2019 Surgical Treatment of the Craniocervical Junction Course, Congress of Neurological Surgeons. Cleveland, OH.  
2019 Biomet Advanced Techniques and Complication Management of the Cervical Spine. Tampa, FL.  
2019 Biomet Residents and Fellows Program: Mastering Techniques in Cervical and Thoracolumbar Spine Surgery. Westminster, CO.  
2018 Ozarks Neurosurgery Education (ONE) Clinic. Ridgedale, MO.

#### LANGUAGES

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Vietnamese, Spanish

#### INTERESTS

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Outdoors, cycling, tennis, traveling, family & friends