



Viet Nguyen, MD

Clinical Associate Professor, Neurology & Neurological Sciences

CLINICAL OFFICES

- **Stanford Neuroscience Health Center**

213 Quarry Rd Rm 2851

MC 5957

Palo Alto, CA 94304

Tel (650) 723-6469

Fax (650) 725-0390

Bio

BIO

Dr. Viet Nguyen's clinical practice consists of: [1] Intraoperative Neurophysiologic Monitoring (IONM): Dr. Nguyen was fellowship-trained at Stanford in Clinical Neurophysiology, with an emphasis in IONM, after which he was hired as faculty to help run Stanford's IONM service. The service uses somatosensory and motor evoked potentials (SSEP, MEP), electroencephalography (EEG), electromyography (EMG), and brainstem auditory evoked potentials (BAEP) in over 1200 cases per year at SHC and LPCH, to help minimize risk in procedures that endanger the nervous system. These include surgeries and endovascular procedures for cerebral aneurysms, arteriovenous malformations (AVMs), carotid stenosis, brain and spinal tumors, spinal deformities (e.g. scoliosis, spinal stenosis), peripheral nerve injury and tumors, aortic aneurysms, trigeminal neuralgia, facial dystonia, and others. He has published, presented research, and lectured at national and international meetings on IONM topics, and is active in multiple professional organizations in the field, including the American Clinical Neurophysiology Society, Society of Clinical Neurologists, and American Academy of Neurology. [2] The Stanford Spasticity Clinic: Dr. Nguyen runs the Stanford Spasticity Clinic, treating patients with multiple sclerosis, stroke, cerebral palsy, or dystonia (cervical, facial, and limb) using EMG-guided botulinum toxin injections, medications, and physical/occupational therapy. [3] The Stanford Center for Concussion and TBI: Dr. Nguyen treats patients with concussion or traumatic brain injury (TBI), both non-sports and sports related, including varsity and professional athletes. He works to educate patients, families, and the public on properly recognizing and recovering from traumatic brain injuries.

CLINICAL FOCUS

- Neurology
- Monitoring, Intraoperative
- Neurophysiology
- Spasticity
- Brain Concussion

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Neurology & Neurological Sciences

PROFESSIONAL EDUCATION

- Internship: Santa Clara Valley Medical Center Radiology Residency (2006) CA
- Medical Education: Rosalind Franklin University The Chicago Medical School (2005) IL
- Fellowship: Stanford University School of Medicine (2010) CA
- Residency: Stanford University School of Medicine (2009) CA
- Board Certification, American Board of Clinical Neurophysiology , Advanced Central Clinical Neurophysiology with Added Competency in Intraoperative Monitoring (2014)
- Board Certification: Neurology, American Board of Psychiatry and Neurology (2009)

LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Research & Scholarship

CLINICAL TRIALS

- Study to Assess the Efficacy, Safety, Tolerability, and Pharmacokinetics of BIIB033 in Participants With Relapsing Forms of Multiple Sclerosis When Used Concurrently With Avonex, Not Recruiting

Teaching

COURSES

2018-19

- Introduction to Neurology Seminar: NENS 206 (Aut)

2017-18

- Introduction to Neurology Seminar: NENS 206 (Aut)

2016-17

- Introduction to Neurology Seminar: NENS 206 (Aut)

Publications

PUBLICATIONS

- **Superselective methohexital challenge prior to intracranial endovascular embolization** *JOURNAL OF CLINICAL NEUROSCIENCE*
Bican, O., Cho, C., Suarez-Roman, A., Viet Nguyen, Lee, L., Le, S., Heit, J., Dodd, R., Lopez, J.
2019; 63: 68–71
- **Driving Ability Correlated with Severity of Polyneuropathy**
Lopez, J., Cho, A., Nguyen, V., Lee, L., Le, S., Cho, S.
LIPPINCOTT WILLIAMS & WILKINS.2019
- **Superselective methohexital challenge prior to intracranial endovascular embolization.** *Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia*
Bican, O., Cho, C., Suarez-Roman, A., Nguyen, V., Lee, L., Le, S., Heit, J., Dodd, R., Lopez, J.
2019
- **Positive pharmacologic provocative testing with methohexital during cerebral arteriovenous malformation embolization.** *Clinical imaging*
Bican, O., Cho, C., Lee, L., Nguyen, V., Le, S., Heit, J., Lopez, J.
2018; 51: 155–59
- **Retrospective Waveform Analysis of Transcranial Motor Evoked Potentials (MEP) to Identify Early Predictors of Impending Motor Deficits in Spinal Surgeries.** *The Neurodiagnostic journal*

Le, S., Nguyen, V., Ekwueme, A. C., Cho, S. C., Lee, L., López, J.
2017; 57 (1): 53-68

● **Diagnostic Utility of Intraoperative Neurophysiological Monitoring for Intramedullary Spinal Cord Tumors: Systematic Review and Meta-Analysis.** *Clinical spine surgery*

Azad, T. D., Pendharkar, A. V., Nguyen, V., Pan, J., Connolly, I. D., Veeravagu, A., Popat, R., Ratliff, J. K., Grant, G. A.
2017

● **Fentanyl-induced suppression of transcranial Motor Evoked Potentials (tcMEPs)** *Anaesthesia Cases*

Bican, O., López, J., Cho, S. C., Nguyen, V., Le, S., Lee, L.
2016; 0241

● **In Vivo Imaging of Human Sarcomere Twitch Dynamics in Individual Motor Units** *NEURON*

Sanchez, G. N., Sinha, S., Liske, H., Chen, X., Viet Nguyen, V., Delp, S. L., Schnitzer, M. J.
2015; 88 (6): 1109-1120

● **In Vivo Imaging of Human Sarcomere Twitch Dynamics in Individual Motor Units.** *Neuron*

Sanchez, G. N., Sinha, S., Liske, H., Chen, X., Nguyen, V., Delp, S. L., Schnitzer, M. J.
2015; 88 (6): 1109–20

● **Neuromonitoring: EMG, SSEP and MEP** *Neurosurgery Tricks of the Trade: Spine and Peripheral Nerves*

Nguyen, V., Lopez, J. R.
edited by Nader, R., Berta, S.
Thieme.2014; 1st edition: Chapter 88

● **Peripheral Nerve Surgery** *A Practical Approach to Neurophysiologic Intraoperative Monitoring*

Nguyen, V., Jones, E.
edited by Husain, A. M.
Demos Medical Publishing.2014; 2nd edition: 163–179

● **Detection of inferolateral trunk syndrome by neuromonitoring during catheter angiography with provocative testing.** *Journal of neurointerventional surgery*

Le, S., Dodd, R., López, J., Nguyen, V., Cho, S. C., Lee, L.
2013; 5 (2)