

Vikas Gupta

2/9/2021

Vikas Gupta, M.D.

Board certified in Neurology & Psychiatry, Board eligible in Vascular Neurology and Endovascular surgical neuroradiology

June 2020-Present: Assistant Professor in Vascular Neurology and Endovascular surgical neuroradiology, Texas Tech University, El Paso, TX

June 2018-May 2020: Assistant Professor in Vascular Neurology and Endovascular surgical neuroradiology Florida State University College of Medicine <https://www.med.fsu.edu/>

Consultant in Vascular Neurology and Endovascular surgical neuroradiology Cleveland Clinic Indian River Hospital 1000 36th St, Vero Beach, FL 32960 <https://www.indianrivermedicalcenter.com/>

August 2016- Present Consultant in Vascular Neurology and Endovascular surgical neuroradiology, Arubah Neurosciences Institute 1701 S 23rd Street, Ft. Pierce, FL 3495 Phone: 772-448-8600 Fax: 772-448-8612

Lawnwood regional Medical center & heart institute, Fort Pierce, FL 1700 S 23rd St, Fort Pierce, FL 34950 <https://lawnwoodmed.com/>

July 15, 2013-July 2016 Assistant Professor in Vascular Neurology and Endovascular surgical neuroradiology, University of Missouri School of Medicine Columbia, MO

EDUCATION

July 2011- June 2013 Fellowship in Endovascular surgical Neuroradiology, University of Medicine & Dentistry, NJ

July 2010-June 2011 Vascular Neurology/Stroke Fellowship
Department of Neurology University of Iowa Hospitals & Clinics

July 2007-June 2010 Neurology Residency
Department of Neurology University of New Mexico

July 2006-June 2007 Internal Medicine
Michigan State University Flint, MI

Sept 2003-June 2006 Worked as House Officer in Apollo Gleneagles
Hospital, Calcutta, India

Sept 1997-Aug 2003 Bachelors in Medicine & Surgery
University of Calcutta Calcutta, India

1997 Biology/Chemistry/Physics/Mathematics
Scottish Church College Calcutta, India

CLINICAL RESEARCH

Local principal investigator/ Co-Investigator for the following clinical trials:

SMART – A prospective, multicenter registry assessing the embolization of neurovascular lesions using the Penumbra SMART COIL® System
Neuroform® Microdelivery Stent System, a Humanitarian Use Device (HUD), HDE Neuroform Atlas Stent System

A Phase 2a, Randomized, Double-Blind, Placebo-Controlled 21 Day Treatment

Study, Including an fMRI Sub-Study, to Evaluate the Effect of HT-3951 on Upper Extremity Motor Function Following Ischemic Stroke

Platelet-Oriented Inhibition in New TIA and Minor Ischemic Stroke (POINT) Trial/NETT

Dabigatran Etexilate for Secondary Stroke Prevention in Patients with Embolic Stroke of Undetermined Source (RE-SPECT ESUS)

PRISM (A double-blind, multicenter, randomized, Phase IIIb study to evaluate the efficacy and safety of activase in patients with mild stroke)

SOCRATES (A randomized, double-blind, multinational study to prevent major vascular events with ticagrelor compared to aspirin in patients with acute ischaemic stroke or TIA. Acute stroke or transient ischaemic attack treated with aspirin or ticagrelor and patient outcomes) trial

***Ad Hoc* REVIEWER for the following journals**

Stroke

Journal of Neurointerventional Surgery

BOOK

CHAPTERS

Vikas Gupta, Nakul Sheth, Chirag D Gandhi: Angioplasty and stenting of the vertebral arteries and great vessels: Endovascular surgical neuroradiology: Theory and clinical practice 2015

PUBLICATIONS AND PRESENTATIONS

1. Endovascular Onyx embolization of collateral artery pseudoaneurysms associated with hemorrhagic Moyamoya Disease. Oral presentation at ESMINT 2019 - 11th Congress of European Society of Minimally Invasive Neurological Therapy, Nice, France, September 2019, Poster presentation at Live interventional neuroradiology neurosurgery conference (LINNC) Paris June, 2019
2. Monitoring Pressure Augmentation in Patients With Ischemic Penumbra Using Continuous Electroencephalogram: Three Cases and a Review of the Literature. *Neurohospitalist*. 2017 Oct;7(4):179-187. doi: 10.1177/1941874417708938. Epub 2017 May 11. Newey CR, **Gupta Vikas**, Ardelt AA
3. Iatrogenic External Ventricular Drain Induced Lenticulostriate artery Pseudoaneurysm successfully treated with NBCA embolization. **Vikas Gupta, MD**; under review, *European Journal of neurology*
4. Drug Eluting Stents vs. Bare Metal Stents for Treatment of Extracranial Vertebral Artery Disease: A Meta-Analysis : **Vikas Gupta, MD**, Charles Prestigiacomo, MD, Chirag Gandhi, MD, Vivek Tank, MD , *Journal of Neurointerventional Surgery*.2015
5. **Vikas Gupta, MD**, Chirag Gandhi, MD, Charles Prestigiacomo, MD, Anton Kolomeyer, PhD, PhD, Neelakshi Bhagat, MD, Roger Turbin, MD, SAH negative Tersons Syndrome Following Balloon Assisted Coil Embolization in a Patient with Underlying Antiphospholipid Antibody Syndrome. *Retin Cases Brief Rep*. 2014

6. Krystal Tomei, MD, **Vikas Gupta, MD** Chirag Gandhi, MD, Charles Prestigiaco, MD, Spontaneous Hemorrhage of a Facial Neurofibroma, Endovascular Embolization Prior to Surgical Intervention. [J Craniofac Surg](#). 2013;24(5):e514-7.
7. **Vikas Gupta, MD**, Charles Prestigiaco, MD, Chirag Gandhi, MD. Current Update on the Endovascular Management of Intracranial Aneurysms. [J Neurosurg Sci](#). 2012 Sep;56(3):163-74
8. **Vikas Gupta**, Tausif Rehman, Atiq Rehman, Bashir Hassan. A Simple Method to Reduce Infection of Ventriculoperitoneal Shunts. *Journal of Neurosurgery* (July 2010).
9. Utility of Thrombelastography in optimizing secondary stroke prevention: **Vikas Gupta, MD**, Ashish Nanda, MD, Waleed Rahiem, MD, Rahat Suddle, MD, poster presentation at Society of vascular and Interventional Neurology Annual Meeting: October, 2015
10. Emergent endovascular reconstruction of acute carotid occlusion in type A aortic dissection and acute ischemic stroke: **Vikas Gupta, MD**, Oral presentation at International congress of Interventional Neurology Annual Meeting: January 22-24, 2015
11. Preoperative Tumor Embolization Using Low Concentration of N-Butylcyanoacrylate (nBCA) and Ethiodol, Kunal Bhatia, Guru Thangavelu Malayappanpillai Ramaiah, **Vikas Gupta**, Ashish Nanda,

Poster presentation at Annual Meeting of the Society of vascular and interventional neurology, October, 2014

12. Direct Carotid-Cavernous Fistula Following Pipeline Stent Placement Treated With Endovascular Sacrifice of Parent Vessel. **Vikas Gupta**, Oral presentation at Annual Meeting of the Society of vascular and interventional neurology, October, 2012
13. Sub Items in NIH Stroke Scale Independently Predict 90-day Mortality (Feb 2011). **Vikas Gupta**, Enrique Liera, Harold P Adams, Poster presentation at International Stroke Conference.
14. Clinical utility of selective WADA testing before embolization of supratentorial AVMs **Vikas Gupta**, Jesus Duffis, Chirag D Gandhi, Charles J Prestigiacomo, Oral presentation at the Annual Meeting of the Society of vascular and interventional neurology October, 2011
15. Spontaneous Hemorrhage in Facial Plexiform Neurofibroma Successfully Treated by Onyx Embolization of External Carotid Artery. **Vikas Gupta**, Oral presentation at International congress of Interventional Neurology, Oct 2011.
16. Pediatric Cavernous Malformation: Clinical, Radiological & Pathological Study (April 2010). **Vikas Gupta**, Poster presentation at American Academy of Neurology Annual Meeting.
17. Invited Grand rounds at annual CME conference, Fawcett Memorial Hospital. Thrombectomy for acute ischemic stroke: the latest, the present, the future (June 2019).
18. Invited Grand rounds presentation at Brigham & Women's Hospital, Boston,

MA. **Vikas Gupta**, The Link between Migraine, PFO & Stroke
(November 2010).

19. Invited Grand rounds, Department of Neurology, University of Iowa
Hospitals & Clinics. **Vikas Gupta**, Endovascular Approach to Patients with
Acute Stroke (August 2010).

Membership in committees judging the scientific work of others

Served as an active member of the abstract review subcommittee of
the International Stroke Conference between the years 2014-2016

Served as the manuscript reviewer for the **Journal of
neurointerventional surgery**

**HONORS AND
AWARDS**

2019 Recipient of Cerebrovascular Research and Education Foundation (CREF)
educational Grant for participation in the World Live Neurovascular Conference
(WLNC) 2019, Spain

2019 Grant recipient by scientific committee of Live
interventional neuroradiology neurosurgery conference (LINNC)
in order to participate in the LINNC Seminar March 2019.

2018 Grant recipient by scientific committee of Live
interventional neuroradiology neurosurgery conference (LINNC)

in order to participate in the LINNC Seminar March 2018.

2010 Neurology on Capitol Hill- Scholarship Recipient

Awarded annually by American Academy of neurology to Advocate for Neurological Issues to Congress

2009 American Academy of Neurology's Annual Meeting Scholarship

2006 Outstanding resident sub investigator Award

Awarded annually to a resident demonstrating significant contribution to the clinical research at Hurley Medical Center.

1998 University gold medal in physiology

Prize for excellent scholastic performance

1998-2003 SK Ghosh Memorial Scholarship

Financial award granted to medical students interested in aiding underserved communities

1997 The Jagadis Bose National Science Talent Search Scholarship

Membership in professional societies American Heart

Association/American stroke Association Premium Professional member since 2011 Membership Number: 154689638, Member of the Society of vascular and interventional neurology since 2011 Member of the Society of Neurointerventional surgery Member of the American Academy of neurology Member of the Neurocritical care Society World stroke organization Professional member

Invited member of the European Society of Minimally invasive neurological therapy