

Sumul Modi, MD

Neurologist, Celeste Brain Health

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Recent employment history

Neurologist, SynergexMed, Los Angeles, CA	10/2022-Now
Neurologist, Celeste Brain Health, NC	08/2022-Now
Neurohospitalist (Per Diem), Novant Health, Winston-Salem, NC	05/2022-01/2023
Neurohospitalist, Novant Health, Winston-Salem, NC	10/2019- 05/2022
Stroke Medical Director, Henry Ford Macomb Hospital	7/2017-9/2019

Education

Vascular Neurology Fellowship, Department of Stroke and Vascular Neurology, Henry Ford Hospital, Wayne State University, Detroit, MI	7/2016-6/2017
Chief Resident, Department of Neurology, Henry Ford Hospital, Detroit, MI	7/2015-6/2016
Neurology Resident, Henry Ford Hospital, Wayne State University, Detroit, MI	7/2013-6/2016
Transitional Year Resident, Henry Ford Hospital, Wayne State University, Detroit, MI	7/2012-6/2013
Bachelor of Medicine, Bachelor of Surgery (MBBS), BJ Medical College, Ahmedabad, India	8/2004-5/2010

Peer reviewed publications

Neuroleptic malignant syndrome: complications, outcomes, and mortality. *Modi S, Dharaiya D, Schultz L, Varelas P. Neurocrit Care. 2016. (PubMed ID: 26223336)*

- Burden of herpes simplex virus encephalitis in the United States. *Modi, S., Mahajan, A., Dharaiya, D., Varelas, P., Mitsias, P. Journal of Neurology. May 2017 (PMID: 28516331).*
- Atrial fibrillation, not atrial cardiopathy, is associated with stroke: A single center retrospective study. *Affan M., Mahajan A., Modi S., Schultz L., Katramados A., Mayer S., Miller D. Journal of the Neurological Sciences. May 2019. (PubMed ID: 31121533)*
- Predictors of Prolonged Hospital Stay in Status Migrainosus. *Modi S, Dharaiya D, Katramados AM, Mitsias P. The Neurohospitalist. 2016 (PubMed ID: 27695594)*
- The Evolution and Application of Cardiac Monitoring for Occult Atrial Fibrillation in Cryptogenic Stroke and TIA. *Miller DJ, Shah K, Modi S, Mahajan A, Zahoor S, Affan M. Curr Treat Opinions Neurol. Feb 2016. (PubMed ID: 26923607)*
- Artificial Intelligence and Neurology. *Modi S. Journal of Biomedical Systems and Emerging Technologies. Dec 2016.*
- Cost of Hospitalization for Aneurysmal Subarachnoid Hemorrhage in the United States. *S Modi, K Shah, L Schultz, R Tahir, M Affan, P Varelas. Clinical neurology and neurosurgery. Jul 2019. (PubMed ID: 31151045)*
- Cerebrovascular injuries found in acute type B aortic dissections are associated with blood pressure derangements and poor outcome. *Z Al Adas, Shepard AD, Weaver MR, Miller DJ, Nypaver TJ, Modi S, Affan M, Nour K, Balraj P, Kabbani LS. Journal of Vascular Surgery. June 2018 (PMID: 29945839)*
- Recurrent Thromboembolic Complications After Carotid Artery Revascularization. *D Dharaiya, S Madani, S Modi, D Miller. SciTz Neurosurg Spine. 2017. 2(1): 1005. Oct 2017.*

Abstracts, Posters and Presentations

Affan M, Modi S, Schultz L, Mahajan A, Miller D. Left Atrial Dilatation: A Cohort Analysis With Strong Implications for Future Atrial Fibrillation and Stroke Monitoring. *Neurology* 90 (15 Supplement), S54. 006

- Affan M, Modi S, Smoot T, Schultz L, Mahajan A, Miller D. Left Atrial Dilatation: A Cohort Analysis With Strong Implications for Future Atrial Fibrillation and Stroke Monitoring. *Stroke* 49 (Suppl 1), ATMP57-ATMP57
- Modi S, Marin H, Varelas P, Mitsias P. Role of Pial Collateral Flow in Acute Ischemic Stroke Outcomes. *Stroke* 48 (Suppl 1), ATP19-ATP19
- Katramados A, Marin H, Kole M, Varelas P, Miller D, Malik S, Hefzy H, Modi S, Schultz L, Marmagkiolis K, Tsitlakidou D, Affan M, Mitsias P. Analysis of Hypoplastic Variants of the Circle of Willis in Patients with First-ever Lacunar Stroke. *Stroke* 48 (Suppl 1), AWP440-AWP440
- Modi S, Shah K, Affan M, Tahir R, Varelas P, Marin H. Trends of Hospitalization cost of Aneurysmal Subarachnoid Hemorrhage in the United States. *Stroke* 48 (Suppl 1), ATP423-ATP423
- Shah K, Modi S, Girotra T, Marin H, Mitsias P. Did SAMMPRIS Change How Symptomatic Intracranial Atherosclerotic Disease is Managed? (SVIN 2016)
- Dharaiya D, Modi S, Maraka S. Predictors of poor outcome in bacterial meningitis: retrospective analysis of nationwide inpatient sample. *Neurology* 2015;84(14 Suppl):P5.046.
- Dharaiya D, Modi S, Naqvi I. Guillain Barre syndrome: predictors of requirement of mechanical ventilation. *Neurology* 2015;84(14 Suppl):P5.068.
- Irshad K, Modi S, Naqvi I, Dharaiya D. Mortality predictors in bacterial meningitis patients who developed hydrocephalus. *Neurology* 2015;84(14 Suppl):P5.050.
- Modi S, Dharaiya D. Predictors of poor outcome in neuroleptic malignant syndrome: retrospective analysis of nationwide. *Neurology* 2015;84(14 Suppl):S32.006. Platform presentation at American Academy of Neurology annual meeting 2015, Washington DC.
- Modi S, Dharaiya D. Status migrainosus: predictors of longer hospital stay. *Neurology* 2015;84(14 Suppl):P3.052.
- Modi S, Howell H, Varelas P, Mitsias P; Incidence, complications, mortality and outcomes of herpes simplex virus encephalitis in the United States using a national database. *Neurocrit Care* 2015;23(1 Suppl):S284.

Moradiya Y, Modi S. Utilization and outcomes of ventriculostomy in non-traumatic intracerebral hemorrhage during last decade in United States. Stroke 2014;45(Suppl):ATP239.

Peer review of articles

11 articles reviewed for the Stroke journal

7 articles reviewed for the Neurocritical Care journal.

2 articles reviewed for the Journal of American Heart Association (JAHA)

1 article reviewed for the BMC Neurology journal

13 articles reviewed for the Journal of Graduate Medical Education (ACGME journal)

3 article reviewed for the American Journal of Infectious Disease

3 articles reviewed for the BMJ Case Reports

2 article reviewed for the Dove Medical Press

9 articles reviewed for the Austin Neurology and Neurosciences

1 article reviewed for the Case Reports in Internal Medicine (CRIM)

Media Appearances

FOX 2 Detroit News - Stroke awareness	5/2018
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WBRW TV, Michigan Community Media, Inc. Health Talk on Strokes	5/2018
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Licensure and Certifications

Vascular Neurology - American Board of Psychiatry and Neurology	10/2018
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Neurology - American Board of Psychiatry and Neurology	9/2016
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North Carolina State Medical License	5/2019
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Virginia State Medical License	12/2019
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United States Medical Licensing Examination (USMLE)	8/2011
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Educational Commission for Foreign Medical Graduates (ECFMG)	6/2011
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Gujarat Medical Council (India) permanent medical license	2010
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Past Professional Affiliations

Medical Officer, Panchshil Hospital, Ahmedabad, India 3/2012-6/2012; 11/2010-3/2011
Internal Medicine, Mount Sinai Medical Center, Miami, FL 5/2011
Pediatric Neurology, University of Miami, Miller School of Medicine, Miami, FL 6/2011
Clinical Neurophysiology/Epilepsy Introduction Course, Cleveland Clinic, OH 7/2011-8/2011
Medical Officer, Pooja Hospital, Ahmedabad, India 8/2010-10/2010; 9/2011-10/2011

Professional Memberships

American Academy of Neurology
