

Dr Vikram Huded,
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Educational Qualifications

- MBBS (1994-2000) – JJMMC, Davangere.
- MD in General Medicine (2000- 2003), Government Medical College, Mysore – Rajiv Gandhi University of Health Sciences.
- DM in Neurology (2004 – 2007), Seth G. S. Medical College & K.E.M. Hospital, Mumbai
- Two-year Fellowship in Neurointervention (2007 – 2009) in King Edward Memorial Hospital, Mumbai, India.
- Attended the Zurich Course on Neurointervention, University Hospital Zurich, Switzerland conducted by Prof. Dr. Anton Valavanis.
- Successfully cleared the Pierre Lasjaunias Neurovascular Educational Team (PLANET) course conducted by Prof. Karel terBrugge, Prof. In Sup CHOI and Prof. Sirintara P recognized by University of Toronto, Canada.
- Short-term Visiting Fellowship program under Prof. Rene Chapot, Alfred Krupp Hospital, Essen, Germany.

Achievements/ Accomplishments:

- First Neurointerventionist to do temporary endovascular bypass (Solitaire stent) in acute stroke in INDIA.
- First Neurointerventionist to use stent retriever in 6year Child in ASIA.
- Awarded First prize for creating stroke awareness on world stroke day in India given by Indian Stroke Association in ISA Conference 2011.
- Organized International conference on Neurointervention and Stroke INSTROKE 2015, in Bangalore.
- Joint secretary for Karnataka Neuroscience Academy Conference 2013, Bangalore.
- Started Fellowship program in Stroke and Interventional Neurology.

- One of the few centres in India to start FNB in Neurovascular Intervention in India recognised by DNB
- Developed IVT software for stroke thrombolysis.
- Reviewer for National and international Journals.
- Editorial board member in Interventional Neurology Journal and Journal of Internal Medicine- Research, Reviews, Reports.
- Proctor/ Consultant for Various Companies
- Experience of More than 7000 Neurointervention procedures.
- First few centers to use Contour intrasaccular device in Asia.
- TEDx Speaker.

Memberships and Positions Held:

- Member of World stroke Organization.
- Executive Committee Member of Indian stroke Association (2018-2021).
- Life Member of Indian Association of Neurology.
- Active Member of Society of Vascular and Interventional Neurology, USA.
- Chairman of Interventional Neurology subsection of Indian Academy of Neurology.
- Was Executive Committee member of Bangalore Neurological Society.
- Treasurer of Indian Stroke Association (2021-2024)
- Founder Joint secretary Society of Vascular and Neurointervention.
- Founder and Honorary secretary of Bangalore stroke support group.
- Co chair for Neurointervention for India in MT 2020, an initiative by SVIN, USA.
- Founder Vice President of Karnataka Stroke Foundation
- Specialist Advisory Board Member of Neurovascular Intervention (Ministry of Health and Family Welfare, Govt. of India)
- Technical Committee member of Quality and Accreditation Institute for Primary and
- Advanced Stroke Center.

- Accessor for Stroke Center Certification.
- Given numerous talks in various National and International Conferences. To name a few
 - IANCON, INSC, SNVI and STNI Conferences.
 - ECNR Conference 2015, Malaysia
 - International Stroke and Cerebrovascular Diseases Symposium (ISCDS) 2015, Hyderabad.
 - World stroke congress 2016
 - SVIN
 - International Stroke and Cerebrovascular Diseases Symposium (ISCDS) 2017, Delhi.
- DID LIVE NEUROINTERVENTION Workshop in APICON 2020, Agra (Carotid stenting and Flow divertor for aneurysm)
- DID LIVE NEUROINTERVENTION Workshop in KNACON 2013 and 2014.
- University 2nd Rank in MBBS degree exams.

Trials:

PI and CO PI in various international and national trials:

- PREVAIL TRIAL (Sanofi aventis) Low molecular weight heparin V/s conventional heparin in prevention of DVT in stroke patients. Completed.
- ENGAGE AF trial drug trial for prevention of stroke in af patients. Completed
- Head Post Trial for stroke. Completed
- RE-SPECT CVT trial (Phase III) - Completed
- SPRINT INDIA Completed
- PRAXBIND Post marketing surveillance program (Phase IV) . Completed.
- Safety and efficacy of Lipiodol ultra-fluid in association with surgical glues during vascular embolization (Phase IV)
- ENRICH_AF Initiated
- ELAN Initiated
- PRAAN registry initiated

Procedures I am doing presently in Narayana Health Hospital:

- Mechanical Thrombectomy in Acute Ischemic stroke
- Cerebral venous sinus Thrombolysis/ Thrombectomy
- Carotid and Intracranial stenting.
- Balloon assisted/ Stent Assisted coiling for Aneurysm
- Flow divertor and Flow Disruptors for Aneurysm
- Brain Arterio-Venous Malformation (AVM) embolisation.
- Brain Dural fistula embolisation
- Craniofacial vascular malformations Sclerotherapy and embolisation.
- Spine Interventions include - Embolization of Spinal Arterio-Venous Malformation (AVM), Spinal Dural-AV fistula (DAVF), pre-op embolization of Spine Tumours.
- Pre-op. embolization for Skull base Tumours
- Balloon test Occlusion
- Paediatric Thrombectomy for Acute Ischemic Stroke
- WADA tests
- Inferior Petrosal Sinus Sampling
- Caroticocavernous Fistula Embolisation
- Chemical Angioplasty for vasospasm
- Embolisation for Epistaxis
- Cerebral and Spinal Angiograms
- Paediatric Vascular malformation embolization - Vein of galen malformation, Pial fistula etc.
- Retinoblastoma Intraarterial chemotherapy
- Venous stenting for IIH
- CSF venous fistula embolization for Spontaneous Intracranial Hypotension.

Publications:

1. Mechanical Device the Penumbra System in the management of Acute Stroke. Neurology India. May-June 2009.
2. Intraarterial Thrombolysis in acute Ischemic stroke: Single center experience. Neurology India, Nov-Dec 2009.
3. Endovascular Treatment For Acute Ischemic Stroke Using Solitaire Stent – Temporary Endovascular Bypass, A Novel Technique. Neurology India, May-June 2011.
4. Primary Angioplasty Followed By Chemical Thrombolysis For Carotid And Middle Cerebral Artery Occlusion (Multimodality Treatment). Heart Asia 2012; 4:25-26 (subgroup of BMJ).
5. Cross over balloon technique for vertebral artery thrombus- a novel method. BMJ case report 2013.
6. Endovascular balloon assisted glue embolisation of intranidal high flow fistula in brain avm. JNRP. 2013 August; 4(Suppl 1): S148–S149.

7. Thrombolysis in acute inschemic stroke: Experience from a tertiary care centre in India. *JNRP* 2014;5:25-30.
8. Endovascular treatment of acute ischemic stroke: An Indian experience from a tertiary care center. *Neurol India* 2014; 62:276-9.
9. Stent-assisted coiling of wide-necked intracranial aneurysms using the Solitaire AB stent. *JNRP* 2014; 5:254-7.
10. Endovascular treatment of vein of Galen dural arteriovenous fistula presenting as dementia. Huded, V., Moeed, S. Z., Desouza, R., Tripathi, R., & Nair, R. (2014). *Annals of Indian Academy of Neurology*, 17(4), 451–454. doi:10.4103/0972-2327.144037
11. Mechanical Thrombectomy Using Solitaire in a 6-Year-Old Child. Huded V, Kamath V, Chauhan B, de Souza R, Nair R, Sapare A, Kekatpure M. *J Vasc Interv Neurol*. 2015 May;8(2):13-6.
12. Stroke in Young—Dilative Arteriopathy: A Clue to Late-Onset Pompe's Disease? Huded, Vikram et al. *Journal of Stroke and Cerebrovascular Diseases*, Volume 25 , Issue 4 , e50 - e52.
13. “Missing clot” during mechanical thrombectomy in acute stroke using Solitaire stent retrieval system. Huded V, Nambiar V, De Souza R, Bohra V, Ramankutty R. *Annals of Indian Academy of Neurology*. 2016;19(2):279-280. doi:10.4103/0972-2327.176866.
14. Unusual complication of coronary angiogram: Spinal epidural hematoma Indian Heart Journal, 2016 Vijaysinh Namdeo Patil, Pradeep Kumar Shetty, Vikram Bohra, Vikram Huded
15. ADAPT for emergent stroke treatment: newer technique, Indian experience. Huded V, Bohra V, deSouza R, Nair R. *Neurol India* 2016;64:796-8
16. The Bangalore Experience. Huded V, Subhash GT, Thomas M, Anil R, Shobha NM, Supriya DG, Muralidharan KV, Vikram K, Smitha M, Prathiba S. *International Journal of Stroke* 2016 Oct 1 (Vol. 11, No. Supp 3, Pp. 5-5). 1 Olivers Yard, 55 City Road, London Ec1y 1sp, England: Sage Publications Ltd.
17. A call for neurologists to take up stroke intervention. Padma VM, Bhatia R, Kuruttukulam G, Alurkar A, Talwar KK, Khurana D, Kaul S, Suri V, Singh G, Huded V. *Annals of Indian Academy of Neurology*. 2016 Oct;19(4):429.
18. Direct mechanical thrombectomy with thromboaspiration in cerebral venous sinus thrombosis. Bohra V, deSouza R, Karan V, Huded V. *Ann Indian Acad Neurol* 2017;20:160-1
19. Successful Endovascular Management of Intra-meatal Anterior Inferior Cerebellar Artery–Posterior Inferior Cerebellar Artery Variant Aneurysm. Vikram

- Bohra, Romnesh DeSouza, Vikram Huded. *J Clin Interv Radiol ISVIR* 2018; 02(01): 059-061.
20. Factors Affecting the Effective Management of Acute Stroke: A Prospective Observational Study. Nagendra CV, Kumar TSS, Bohra V, Wilben V, Karan V, Huded V. *Indian Journal of Critical Care Medicine: Peer-reviewed, Official Publication of Indian Society of Critical Care Medicine.* 2018;22(3):138-143.
 21. Rapid processing of perfusion and diffusion for ischemic strokes in the extended time window: An Indian experience. D Vyas, V Bohra, V Karan, V Huded - *Annals of Indian Academy of Neurology*, 2019.
 22. A Case Report of Recurrent Hypokalemic Paralysis—missing the “Period”. Rajadhyax S, Chauhan B, Huded V, Patil SJ, Kannan A, Bhat V, Kannan S *Neurol India* 2019;67:1117-9
 23. Carotid Artery Stenting and Its Impact on Cognitive Function: A Prospective Observational Study. Avinash N Gupta, DNB1, Amit A Bhatti, DM, DNB1 , Mudasir M Shah, DM, FINR1 , Niranjana P Mahajan, DM, DNB1 , Divya K Sadana, PhD2 , Vikram Huded, DM, FINR. *Neurointervention* 2020;15:74-78
 24. Symptomatic Extracranial Carotid Artery Thrombus: An Indian Experience. Vivek Karan, Devashish Vyas, Vikram Bohra, and Vikram Huded. *J Neurosci Rural Pract.* 2019 Apr-Jun; 10(2): 312–315.
 25. Ticagrelor Use in Indian Patients Undergoing Neuroendovascular Procedures: A Single Center Experience. Vivek Karan, DM, FNVI,* Devashish Vyas, DNB, FNVI,* Vikram Bohra, DM, FNVI, and Vikram Huded, DM, FINR. *Neurointervention.* 2019 Sep; 14(2): 125–130.
 26. Consensus Statement – Suggested Recommendations for Acute Stroke Management during the COVID-19 Pandemic: Expert Group on Behalf of the Indian Stroke Association. Rohit Bhatia, P. N. Sylaja, M. V. Padma Srivastava, Dheeraj Khurana, Jeyaraj Durian Pandian, Vinit Suri, VG Pradeep Kumar, S Kumaravelu, Vikram Huded, Nirmal Surya, Arvind Sharma and Subhash Kaul *Ann Indian Acad Neurol.* 2020 Apr; 23(Suppl 1): S15–S23.
 27. Global Impact of COVID-19 on Stroke Care and IV Thrombolysis. Raul G. Nogueira, Muhammad M. Qureshi, Mohamad Abdalkader, et al. *Neurology* 2021;96:e2824-e2838 Published Online before print March 25, 2021. DOI 10.1212/WNL.0000000000011885.
 28. COVID-19-related strokes are associated with increased mortality and morbidity: A multicenter comparative study from Bengaluru, South India. Mathew T, John SK, Sarma G, Nadig R, Kumar R S, Murgod U, Mahadevappa M, Javali M, Acharya PT, Hosurkar G, Krishnan P, Kamath V, Badachi S, Souza DD, Iyer RB, Nagarajaiah RK, Anand B, Kumar S, Kodapala S, Shivde S, Avati A, Baddala R, Potharlanka PB, Pavuluri S, Varidireddy A, Awatare P, Shobha N, Renukaradhya U, Kumar SP, Ramachandran J, Arumugam R, Deepalam S, Kumar S, Huded

- V.Int J Stroke. 2021 Jun;16(4):429-436. doi: 10.1177/1747493020968236. Epub 2020 Dec 6. PMID: 33034546.
29. INSTRuCT: Protocol, Infrastructure, and Governance. Pandian JD, Verma SJ, Arora D, Sharma M, Dhaliwal R, Khatter H, Huilgol R, Sylaja PN, Dhasan A, Renjith V, Pathak A, Pai A, Sharma A, Vaishnav A, Ray B, Khurana D, Mittal G, Kulkarni G, Sebastian I, Roy J, Kumaravelu S, John L, Kate M, Srivastava MV, Kempegowda MB, Borah N, Ramrakhiani N, Rai N, Ojha P, Bhatia R, Das R, Sureshbabu S, Jabeen SA, Bhoi S, Aaron S, Sarma P, Saroja AO, Abraham S, Sharma S, Sulena S, Gorthi S, Nagarjunakonda S, Narayan S, Mathew T, George T, Vijaya P, Huded V, Nambiar V, Reddy YM. Stroke. 2021 Jun 25: STROKEAHA120033149. doi: 10.1161/STROKEAHA.120.033149.
 30. Myoclonus-Ataxia Syndrome Associated with COVID-19. Shetty K, Jadhav AM, Jayanthakumar R, Jamwal S, Shanubhogue T, Reddy MP, Dash GK, Manohar R, Philip VJ, Huded V. J Mov Disord. 2021 May;14(2):153-156. doi: 10.14802/jmd.20106. Epub 2021 Apr 6.
 31. Decline in subarachnoid haemorrhage volumes associated with the first wave of the COVID-19 pandemic. Stroke Vasc Neurol. 2021 Mar 26:svn-2020-000695. doi: 10.1136/svn-2020-000695. Online ahead of print. PMID: 33771936
 32. Mission Thrombectomy 2020 (MT2020)—India's Biggest Healthcare Challenge Yet. Sundar K, Panwar A, Yagaval DR, Huded V, Sylaja PN. Journal of Stroke Medicine. 2020;3(2):62-71. doi:10.1177/2516608520984276
 33. Rescue Stenting for Refractory Large Vessel Occlusions in the Thrombectomy Era: Intracranial Use of Coronary Stents in Low-mid Economic Settings. KC Sajja, V Huded, C Prajapati, S Male, MK Sharma - Cureus, 2022 - cureus.com
 34. Rescue Strategies in Anterior Circulation Stroke with Failed Mechanical Thrombectomy-A Retrospective Observational Study (RAFT). Bhatti, A. A., Mahajan, N. P., Vyas, D. D., Shah, M. M., & Huded, V. (2021). Annals of Indian Academy of Neurology, 24(6), 885–890.
 35. RETrospective Multicenter INdian Study of Derivo Embolization Device (REMIND): Periprocedural Safety. Niranjana Prakash Mahajan, DNB/DM, FNB¹, Mudasir Mushtaq, DM, FINR¹, Amit Bhatti, DNB/DM, FINR¹, Sukalyan Purkayastha, DNB/DM, CCST², Nitin Dange, MCh, OBNI, FFHU³, Mathew Cherian, MD, PDCC⁴, Vipul Gupta, MD⁵, Vikram Huded, DM, FINR¹. Neurointervention 2021;16(3):232-239.
 36. Comparing bridging thrombolysis with direct thrombectomy in stroke due to large vessel occlusion- Indian experience (LVO-Direct). Chintan Prajapati¹, Vikram Huded¹, Niranjana Mahajan¹, Anirudh Kulkarni¹, Delitia Manual².
 37. Global impact of COVID-19 on stroke care. Nogueira RG, Abdalkader M, Qureshi MM, et al. Int J Stroke. 2021 Jul;16(5):573-584. doi: 10.1177/1747493021991652. Epub 2021 Mar 29. PMID: 33459583

38. Cluster-Randomized, Crossover Trial of Head Positioning in Acute Stroke. Anderson CS, Arima H, Lavados P, Billot L, Hackett ML, Olavarría VV, Muñoz Venturelli P, Brunser A, Peng B, Cui L, Song L, Rogers K, Middleton S, Lim JY, Forshaw D, Lightbody CE, Woodward M, Pontes-Neto O, De Silva HA, Lin RT, Lee TH, Pandian JD, Mead GE, Robinson T, Watkins C; HeadPoST Investigators and Coordinators. *N Engl J Med.* 2017 Jun 22;376(25):2437-2447.
39. Global Impact of the COVID-19 Pandemic on Cerebral Venous Thrombosis and Mortality. Nguyen TN, Qureshi MM, Klein P, et al.. *J Stroke.* 2022 May;24(2):256-265. Epub 2022 May 31. PMID: 35677980.
40. Mechanical Thrombectomy: Review. Prajapati C, Huded V, Mahajan N, Kulkarni A. *Ann Indian Acad Neurol.* 2022 Jul-Aug;25(4):606-615. doi: 10.4103/aian.aian_29_22. Epub 2022 Jun 9.
41. Global impact of the COVID-19 pandemic on subarachnoid haemorrhage hospitalizations, aneurysm treatment and in – hospital mortality: 1- year follow - up. SVIN COVID-19 Global SAH Registry. *J Neurol Neurosurg Psychiatry.* 2022 Jul 28; jnnp-2022-329200. doi: 10.1136/jnnp-2022-329200. Online ahead of print. PMID: 35902229
42. Global Impact of the COVID-19 Pandemic on Stroke Volumes and Cerebrovascular Events: A 1-Year Follow-up. Nguyen TN, Qureshi MM, Klein P, et al; and the SVIN COVID-19 Global Stroke Registry. *Neurology.* 2023 Jan 24;100(4): e408-e421. doi: 10.1212/WNL.000000000201426. Epub 2022 Oct 18. PMID: 36257718

Textbook chapters

- Medicine Update, AGRA 2021.
- Medicine Update, Jaipur 2022. Flow divertors for Aneurysms
- IAN CME
- IAN CME 2021. Neurointervention in COVID
- Apicon Medicine Update Ahmedabad 2023. Acute Stroke Intervention
- Non traumatic SAH. Clinicalkey.
- DAVF. Clinicalkey
- Brain AVM. Clinicalkey
- Developmental Venous Anomaly. Clinicalkey
- Cavernomal. Clinicalkey.

Hobbies:

Painting, basketball, shuttle badminton, photography

Personal and contact information:

Date of Birth: 10/2/1977

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Marital status: Married