Chethan P. Venkatasubba Rao, M.B.B.S.

- **Assistant Professor of Neurology**

Clinical Service Area

Neurology

Specialty

Neurocritical Care
Stroke
Intensive Care
Vascular Neurology

Board Certification

American Board of Psychiatry and Neurology, Neurology

Clinic Appointments

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Consult

713-798-8472

Medical School

M.B.B.S., Bangalore Medical College, Bangalore, India

Internship

Internal Medicine, Henry Ford Health Systems, Detroit, Mich.

Residency

Neurology, Henry Ford Health Systems, Detroit, Mich.

Clinical Fellowship

Neurocritical Care and Vascular Neurology, Baylor College of Medicine, Houston, Texas
Neurovascular, Henry Ford Hospital, Detroit, Mich.

Clinic Location

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Journal Publications

1. Bershad EM, Urfy MZ, Calvillo E, Tang R, Cajavilca C, Lee AG, et al. Marked olfactory impairment in idiopathic intracranial hypertension. J Neurol Neurosurg Psychiatry. 2014;:. [View journal article]
2. Murthy SB, Shah S, Shastri A, Venkatasubba Rao CP, Bershad EM, Suarez JI. The SILK flow diverter in the treatment of intracranial aneurysms. J Clin Neurosci. 2014;21(2):203-6. [View journal article]
3. Murthy SB, Shah S, Venkatasubba Rao CP, Bershad EM, Suarez JI. Treatment of unruptured intracranial aneurysms with the pipeline embolization device. J Clin Neurosci. 2014;21(1):6-11. [View journal article]
4. Suarez JI, Martin RH, Calvillo E, Zygun D, Flower O, Wong GK, et al. Human albumin administration in subarachnoid hemorrhage: results of an international survey. Neurocrit Care. 2014;20(2):277-86. [View journal article]
5. Hannawi Y, Hannawi B, Rao CP, Suarez JI, Bershad EM. Stroke-associated pneumonia: major advances and obstacles. Cerebrovasc Dis. 2013;35(5):430-43. [View journal article]
6. Murthy SB, Karanth S, Shah S, Shastri A, Rao CP, Bershad EM, et al. Thrombolysis for acute ischemic stroke in patients with cancer: a population study. Stroke. 2013;44(12):3573-6. [View journal article]
7. Murthy SB, Shah S, Rao CP, Bershad EM, Suarez JI. Neurogenic stunned myocardium following acute subarachnoid hemorrhage: pathophysiology and practical considerations. J Intensive Care Med. 2013;:. [View journal article]
8. Shah S, Murthy SB, Hannawi Y, Rao CP. The utility of cone beam volume CT in the evaluation of thrombosed intracranial aneurysms in subarachnoid hemorrhage. BMJ Case Rep. 2013;2013:. [View journal article]
9. Shah S, Murthy SB, Hannawi Y, Rao CP. The utility of cone beam volume CT in the evaluation of thrombosed intracranial aneurysms in subarachnoid hemorrhage. J Neurointerv Surg. 2013;5(6):e51. [View journal article]
10. Venkatasubba Rao CP, Suarez JI. Magnesium and neuroprotection in subarachnoid haemorrhage. Lancet. 2012;380(9836):9-11. [View journal article]
11. Venkatasubba Rao CP, Suarez JI. Periprocedural management of acute ischemic stroke patients undergoing endovascular therapy. Neurology. 2012;79(13 Suppl 1):S165-6. [View journal article]
12. Varelas PN, Rehman M, Abdelhak T, Patel A, Rai V, Barber A, et al. Single brain death examination is equivalent to dual brain death examinations. Neurocrit Care. 2011;15(3):547-53. [View journal article]
13. Lewandowski CA, Rao CP, Silver B. Transient ischemic attack: definitions and clinical presentations. Ann Emerg Med. 2008;52(2):S7-16. [View journal article]

Poster and Platform Presentations

1. Anand A, Pass A, Calvillo E, Tang R, Cajavilca C, Urfy M, et al. Optical coherence tomography visualization of optic nerve head structure detects acute changes in the intracranial pressure. Neurology. 2014;82(Meeting Abstracts 1):P2.293.
2. Mazabob JM, Styron S, Brown G, Jones-Brown M, Suarez J, Bershad E, et al. Improving quality of care and outcomes in the community through the inclusive collaboration between a certified comprehensive stroke center and regional hospitals. Stroke. 2014;45:ATP252.
3. Murthy S, Karanth S, Shah S, Shastri A, Rao C, Bershad E, et al. Clinical outcomes following thrombolysis for acute ischemic stroke in patients with systemic malignancy: A nationwide case-control study. Stroke. 2014;45:AWP51.
4. Shah S, Murthy S, Karanth S, Bershad EM, Venkatasubba Rao CP, Suarez J. Treatment of ischemic stroke with recombinant tissue plasminogen-activator in pregnancy: A population study. Stroke. 2014;45:AWP61.
5. Urfy MZ, Chen D, Calvillo E, Suarez JI, Rao CPV, Tang RA, et al. Profound olfactory impairment in

idiopathic intracranial hypertension. Presented at the Neurocritical Care Society (NCS), 11th Annual Meeting in Philadelphia, Penn. (Oct. 1-4, 2013). [View poster]

6. Urfy MZ, Voss S, Rao CPV, Suarez JI, Calvillo E, Pechacek A, et al. Distortion product otoacoustic emissions for non-invasive intracranial pressure assessment. Presented at the Neurocritical Care Society (NCS), 11th Annual Meeting in Philadelphia, Penn. (Oct. 1-4, 2013). [View poster]
7. Murthy S, Shah S, Venkatasubba Rao C, Bershad E, Suarez J. Treatment of intracranial aneurysms with pipeline embolization device: A systematic review of literature. Neurology. 2013;80(Meeting Abstracts 1):P04.087.
8. Zafar S, Gildersleeve K, Venkatasubba Rao C, Newmark M, Duckworth E, Suarez J, et al. Clinical characteristics and predictors of outcome in patients with Moyamoya Disease in the United States: Experience from two clinical centers. Neurology. 2013;80(Meeting Abstracts 1):P06.260.
9. Murthy SB, Shah S, Hannawi Y, Georgiadis A, Smirnakis S, Bershad E, et al. Comparison of clinical characteristics of neurogenic stunned myocardium in patients with subarachnoid hemorrhage and acute ischemic stroke. Stroke. 2013;44(2_MeetingAbstracts):ATP427.
10. Murthy SB, Shah S, Hannawi Y, Georgiadis A, Smirnakis S, Bershad E, et al. Comparison of clinical characteristics of neurogenic stunned myocardium in patients with subarachnoid hemorrhage and acute ischemic stroke. Stroke. 2013;44:ATP427.
11. Hannawi Y, Shah S, Bershad EM, Suarez JI, Shaltoni HM, Yoshor D, et al. Post surgical cerebral venous sinus thrombosis: A rare surgical complication and challenging management case. Neurocrit Care. 2012;17:S239.
12. Shah S, Hannawi Y, Urfy MZ, Venkatasubba Rao CP. The utility of DynaCT in evaluation of subarachnoid hemorrhage: A case report. Neurocrit Care. 2012;17:S334.
13. Fong A, Bershad E, Morsi H, Shaltoni H, Mawad M, Georgiadis A, et al. Hyperacute stenting for acute ischemic stroke is associated with a high rate of symptomatic intracranial hemorrhage. Neurology. 2012;78(Meeting Abstracts 1):P02.200. [View poster]
14. Hannawi Y, Bershad E, Suarez J, Shaltoni H, Yoshor D, Venkatasubba Rao C. Post surgical cerebral venous sinus thrombosis: A rare surgical complication and challenging management case. Neurology. 2012;78(Meeting Abstracts 1):P06.260. [View poster]
15. Varelas P, Rao CV, Rehman M, Patel A, Rai V, Barber A, et al. Single brain death examination does not improve organ transplantation. Neurocrit Care. 2010;13:S39.
16. Rao CV, Rehman M, Barber A, Sommerfield S, Patel A, Rai V, et al. Single brain death examination with confirmatory cerebral blood flow testing as an alternative to the standard dual brain death examination. Neurocrit Care. 2009;11:S66.
17. Kansara A, Tiwari A, Rayes M, Rao CV, Jones M, Xavier A. Late stent thrombosis following self-expanding intracranial stent placement. Neurology. 2009;72(11 Suppl 3):A126.
18. Kansara A, Tiwari A, Rayes M, Rao CV, Jones M, Xavier A. Stent supported revascularization of acute basilar artery occlusion beyond 8 hours of stroke onset. Neurology. 2009;72(11 Suppl 3):A125.
19. Rao CV, Braun C, Jones M, Tiwari A, Kansara A, Steele J, et al. C overed stent in the treatment of internal carotid arterio-venous fistulae. Neurology. 2009;72(11 Suppl 3):A286-7.
20. Rao CV, Lee A, Jones M, Tiwari A, Kansara A, Guthikonda M, et al. Stent without concomitant coil embolization for anterior circulation cerebral aneurysms. Neurology. 2009;72(11 Suppl 3):A286.
21. Rayes M, Rao CV, Jones M, Tiwari A, Kansara A, Xavier A. Safety of treatment of more multiple aneurysms in the same session. Neurology. 2009;72(11 Suppl 3):A288.
22. Tiwari A, Rayes M, Rao CV, Jones M, Kansara A, Xavier A. In-stent restenosis on follow-up angiography among patients treated with stenting in acute ischemic stroke. Neurology. 2009;72(11 Suppl 3):A4.
23. Tiwari A, Rayes M, Rao CV, Jones M, Kansara A, Xavier A. Safety of stent supported intracranial revascularization in the setting of acute ischemic stroke. Neurology. 2009;72(11 Suppl 3):A290.
24. Rao CV, Braun C, Jones M, Xavier A. Endovascular stent supported coil and onyx glue embolization of carotico-cavernous fistulae. Presented at the Society of Vascular and Interventional Neurology (SVIN), 2nd Annual Meeting in Miami, Fla. (Oct. 24-26, 2008).
25. Rao CV, Kuruvilla A, Jones M, Lee A, Tiwari A, Xavier A. Stent alone treatment for anterior circulation cerebral aneurysms. Presented at the Society of Vascular and Interventional Neurology (SVIN), 2nd Annual Meeting in Miami, Fla. (Oct. 24-26, 2008).
26. Rao CV, Lee A, Jones M, Tiwari A, Kansara A, Guthikonda M, et al. Stent without concomitant coil embolization for dissecting external carotid aneurysms. Presented at the Society of Vascular and Interventional Neurology (SVIN), 2nd Annual Meeting in Miami, Fla. (Oct. 24-26, 2008).

27. Rao CV, Varelas P, Wellwood J, Seyfried D, Abdelhak T. A case of methemoglobinemia after awake fiberoptic intubation following anterior cervical discectomy with fusion (ACDF). Neurocrit Care. 2008;9:S78.

- Rao CPV, Stacey R, Strickler R, Seyfried D, Silver B. Estradiol for the prevention of cerebral vasospasm following aneurysmal subarachnoid hemorrhage. Neurology. 2008;70(11 Suppl 1):A155.