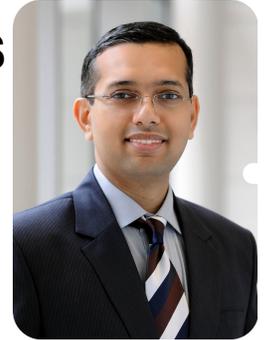


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## CONTACT INFORMATION

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## SPECIALITY

- Neurocritical Care
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## CERTIFICATIONS

- American Board of Psychiatry and Neurology, Vascular Neurology
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## EDUCATION

- M.D., Bangalore Medical College, Bangalore, India
- Internship, Internal Medicine, Henry Ford Health Systems, Detroit, Mich.
- Residency, Neurology, Henry Ford Health Systems, Detroit, Mich.
- Fellowship, Neurocritical Care and Vascular Neurology, Baylor College of Medicine, Houston, Texas
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## WEBSITE

- Neurocritical Care Fellowship  
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## CLINIC APPOINTMENTS

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## JOURNAL PUBLICATIONS

1. Tinti L, Lawson T, Molteni E, Kondziella D, Rass V, Sharshar T, et al. Research considerations for prospective studies of patients with coma and disorders of consciousness. *Brain Commun.* 2024;6(1):. PMID: 38344653.
2. Pirlog BO, Jacob AP, Rajan SS, Yamal JM, Parker SA, Wang M, et al. Outcomes of patients with pre-existing disability managed by mobile stroke units: A sub-analysis of the BEST-MSU study. *Int J Stroke.* 2023;18(10):1209-18. PMID: 37337357.
3. Anderson JA, Kimmel B, Sansgiry S, Venkatasubba Rao CP, Ovalle AP, Cerra-Stewart CA, et al. Using mobile video-conferencing to deliver secondary stroke prevention interventions: A pilot study. *Telemed Rep.* 2022;3(1):175-83. PMID: 36204701.
4. Escamilla-Ocanas CE, Torrealba-Acosta G, Mandava P, Qasim MS, Gutierrez-Flores B, Bershad E, et al. Implementation of systematic safety checklists in a neurocritical care unit: A quality improvement study. *BMJ Open Qual.* 2022;11(4):. PMID: 36588320.
5. Helbok R, Rass V, Beghi E, Bodien YG, Citerio G, Giacino JT, et al. The Curing Coma Campaign international survey on coma epidemiology, evaluation, and therapy (COME TOGETHER). *Neurocrit Care.* 2022;37(1):47-59. PMID: 35141860.
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9. Mainali S, Aiyagari V, Alexander S, Bodien Y, Boerwinkle V, Boly M, et al. Proceedings of the Second Curing Coma Campaign NIH Symposium: Challenging the future of research for coma and disorders of consciousness. *Neurocrit Care.* 2022;37(1):326-50. PMID: 35534661.
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- Vitesse Intracranial Stent Study for Ischemic Therapy (VISSIT) trial in symptomatic intracranial stenosis. *J Stroke Cerebrovasc Dis.* 2013;22(7):1131-9. PMID: 23261207.
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## BOOKS and VOLUMES

1. Suarez JI, Bershada EM, Rao CPV, editors. *Critical care neurology and neurosurgery.* 2nd ed. Totowa (NJ): Humana Press; 2021. (in press). p. 1-700.

## BOOK CHAPTERS and OTHER PUBLICATIONS

1. Rao CPV, Suarez JI. Epidemiology, diagnosis, and assessment on non-traumatic subarachnoid haemorrhage. In: Webb A, Angus D, Finfer S, Gattinoni L, Singer MA, editors. *Oxford textbook of critical care.* 2nd ed. Oxford: Oxford University Press; 2016. p. 1126-1160.
2. Rao CPV, Suarez JI. Management of non-traumatic subarachnoid haemorrhage in the critically ill. In: Webb A, Angus D, Finfer S, Gattinoni L, Singer MA, editors. *Oxford textbook of critical care.* 2nd ed. Oxford: Oxford University Press; 2016. p. 1131-1137.

## POSTER and PLATFORM PRESENTATIONS

1. Escamilla-Ocanas C, Morales N, Damani R, Bershada E, Hirzallah M, Siddiqui K, et al. The fragility index of randomized controlled trials for early blood pressure management of intracerebral hemorrhage. Presented at the American Academy of Neurology (AAN), 76<sup>th</sup> Annual Meeting in Denver, Colo. (April 13-18, 2024).
2. Anderson J, Kimmel B, Walder A, Ovalle A, Yanes RS, Silos C, et al. Evaluation of post stroke telehealth services in Texas (Vast-1). Presented at the American Stroke Association, 2024 International Stroke Conference in Phoenix, Ariz. (Feb. 7-9, 2024).
3. Venkatasubba CP, Farquhar G, Ramachandran L, SETRAC Stroke Committee. Stroke metrics reporting to hospital leadership advances thrombolysis and thrombectomy rates in a competitive region: Analysis of SETRAC registry. Presented at the American Stroke Association, 2024 International Stroke Conference in Phoenix, Ariz. (Feb. 7-9, 2024).
4. Warach SJ, Davis LA, Lawrence P, Gajewski B, Wick J, Shi F, et al. Optimal delay time to initiate anticoagulation after ischemic stroke in atrial fibrillation: Primary results of the START trial. Presented at the American Stroke Association, 2024 International Stroke Conference in Phoenix, Ariz. (Feb. 7-9, 2024). [Oral Presentation]
5. Escamilla-Ocanas CE, Morales-Cardona NC, Siddiqui K, Venkatasubba Rao CP, Bershada E, Hirzallah M, et al. High hypoperfusion index on CT perfusion is associated with an unfavorable discharge disposition on patients with large core infarct. *Neurocrit Care.* 2023;39(suppl 1):S167.
6. McGlennon MR, Tucker B, Escamilla-Ocanas CE, Morales NC, Steele EJ, Venkatasubba Rao CP, et al. Effects of balanced versus unbalanced hypertonic saline on renal function in neurocritical care. *Neurocrit Care.* 2023;39(suppl 1):S15.
7. Morales-Cardona NC, Escamilla-Ocanas CE, Siddiqui K, Venkatasubba Rao CP, Bershada E, Hirzallah M, et al. High hypoperfusion intensity ratio associated with prolonged ICU-stay and unfavorable discharge disposition in patients who undergo mechanical thrombectomy. *Neurocrit Care.* 2023;39(suppl 1):S168.
8. Ramachandran L, Ahmad A, Damani R, Rao C, Siddiqui K, Bershada E, et al. Hypoperfusion index and early ischemic changes. *Neurocrit Care.* 2023;39(suppl 1):S169.
9. Sanchez Mas E, Ramachandran L, Ahmad A, Achuo E, Damani R, Rao C, et al. Deep venous thrombosis after four factor prothrombin complex concentrate in a neurocritical care unit. *Neurocrit Care.* 2023;39(suppl 1):S180.
10. Siddiqui K, Ramachandran L, Shrestha B, Atwood H, D'Avignon S, Zuniga E, et al. Correlation of personalized and standard blood pressure thresholds with mortality in patients with intracranial hemorrhage and intraventricular hemorrhage. *Neurocrit Care.* 2023;39(suppl 1):S146.

11. Bach I, Czap AL, Parker SA, Jacob AP, Mir S, Wang M, et al. Strokes averted by intravenous thrombolysis: A secondary analysis of the BEST-MSU trial. Presented at the American Stroke Association, 2023 International Stroke Conference in Dallas, Texas (Feb. 8-10, 2023).
12. Bershada EM, Marshall-Goebel K, Laurie SS, Greenwald S, Macias BR, Venkatasubba Rao CP, et al. SPACE-CENT: Studying the physiological and anatomical effects of centrifugation and head down tilt bed rest. Presented at the National Aeronautics and Space Administration (NASA), 2023 Human Research Program Investigators' Workshop in Galveston, Texas (Feb. 7-9, 2023).
13. Bershada EM, Strangman G, Ivkovic V, Kramer L, Hasan K, Rao CP, et al. The long-term consequences of spaceflight on brain and eye health (SANS LTH). Presented at the National Aeronautics and Space Administration (NASA), 2023 Human Research Program Investigators' Workshop in Galveston, Texas (Feb. 7-9, 2023).
14. Kimmel B, Anderson J, Walder A, Ovalle A, Venkatasubba Rao CP. Stroke survivors experience during the COVID-19 pandemic: A phenomenological investigation. Presented at the American Stroke Association, 2023 International Stroke Conference in Dallas, Texas (Feb. 8-10, 2023).
15. Pirlog BO, Jacob AP, Yamal J-M, Parker S, Rajan SS, Bowry R, et al. Acute stroke treatment in patients with pre-existing disability: A secondary analysis of the BEST-MSU trial. Presented at the American Stroke Association, 2023 International Stroke Conference in Dallas, Texas (Feb. 8-10, 2023). [Oral Presentation]
16. Tantillo G, Dongarwar D, Venkatasubba Rao C, Johnson A, Camey S, Reyes O, et al. Disparities in morbidity and mortality in adults with status epilepticus in the USA: 2010-2019. Abstract No 1.408, 2022, American Epilepsy Society Annual Meeting, www.aesnet.org.
17. Escamilla-Ocañas CE, Torrealba-Acosta G, Mandava P, Qasim MS, Gutiérrez-Flores B, Bershada E, et al. Patient and cost-benefit of utilizing checklists in the Neurocritical Care Unit. Presented at the Neurocritical Care Society (NCS), 20<sup>th</sup> Annual Meeting in San Antonio, Texas (Oct. 17-21, 2022).
18. Torrealba-Acosta G, Escamilla-Ocasas C, Mandava P, Bershada E, Hirzallah M, Venkatasubba Rao C, et al. Implementation of systematic safety checklists in a neurointensive care unit: A quality and improvement study. *Neurology*. 2022;98(18 suppl):. [Oral Presentation]
19. Anderson J, Kimmel B, Sangsiry S, Evans-Hudnall G, Ovalle A, Cerra-Stewart C, et al. Mobile health technology is feasible and effective for self-management support among underserved stroke survivors. *Stroke*. 2022;53:ANS1. [Oral Presentation]
20. Bershada E, Hirzallah M, Damani R, Venkatasubba Rao C, Urquieta E, Wu J, et al. CADRE: Commercial astronaut data repository. Presented at the National Aeronautics and Space Administration (NASA), Virtual 2022 Human Research Program Investigators' Workshop (Feb. 7-10, 2022). [Oral Presentation]
21. Bershada E, Marshall-Goebel K, Laurie S, Greenwald S, Pardon L, Macias B, et al. SPACE-CENT: Studying the physiological and anatomical cerebral effects of centrifugation and head down tilt bed rest: 2021 update. Presented at the National Aeronautics and Space Administration (NASA), Virtual 2022 Human Research Program Investigators' Workshop (Feb. 7-10, 2022).
22. Moore S, Hafeez M, Siddiqui K, Venkatasubba Rao C. Spontaneous spinal subarachnoid hemorrhage with simultaneous intracranial subarachnoid hemorrhage: A case report. *Neurocrit Care*. 2021;35:S282.
23. Hafeez MU, Siddiqui K, Ahmad A, Bershada E, Hirzallah MI, Venkatasubba Rao CP, et al. Adverse neurological events amongst patients undergoing Extracorporeal Membrane Oxygenation (ECMO). *Neurology*. 2021;96(15 Suppl):2600.
24. Siddiqui K, Hafeez MU, Ahmad A, Bershada E, Hirzallah MI, Venkatasubba Rao CP, et al. EEG findings in patients undergoing extracorporeal membrane oxygenation (ECMO). *Neurology*. 2021;96(15 Suppl):2726.
25. Bershada EM, Marshall-Goebel K, Laurie SS, Greenwald S, Pardon L, Macias BR, et al. SPACE-CENT: Studying the physiological and anatomical effects of centrifugation and head down tilt — Updated results. Presented at the National Aeronautics and Space Administration (NASA), Virtual 2021 Human Research Program Investigators' Workshop (Feb. 1-3, 2021). [Oral Presentation]
26. Hoffmann F, Moestl S, Hasan KM, Gerlach D, Marshall-Goebel K, Laurie S, et al. Cerebral oxygen delivery and dynamic autoregulation are maintained following 60 days strict head down tilt. Presented at the National Aeronautics and Space Administration (NASA), Virtual 2021 Human Research Program Investigators' Workshop (Feb. 1-3, 2021).
27. De la Garza C, Torrealba-Acosta G, Hassan AE, Jafari M, Desai A, Sellers A, et al. Predictors of functional outcome in post-mechanical thrombectomy patients. Presented at the Society of Vascular and Interventional Neurology (SVIN), Virtual 2020 Annual Meeting (Nov. 18-21, 2020).
28. De la Garza C, Torrealba-Acosta G, Hassan AE, Moore S, Hall H, Jafari M, et al. Clinical description of post-mechanical thrombectomy patients treated at a comprehensive stroke center. Presented at the Society of Vascular and Interventional Neurology (SVIN), Virtual 2020 Annual Meeting (Nov. 18-21, 2020).
29. De la Garza C, Torrealba-Acosta G, Hassan AE, Moore S, Hall H, Sellers A, et al. Cell count ratios as outcome predictors in acute ischemic stroke patients treated with mechanical thrombectomy. Presented at the Society of Vascular and Interventional Neurology (SVIN), Virtual 2020 Annual Meeting (Nov. 18-21, 2020).
30. Venkatasubba Rao C, Escamilla-Ocasas CE, Torrealba-Acosta G, Qasim M, Hafeez M, Gutierrez-Flores B, et al. Early systolic blood pressure variability and hyponatremia are associated with cerebral vasospasm in aSAH patients. *Neurocrit Care*. 2020;32(1 suppl):S233.

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33. Anderson JA, Kimmel B, Martin K, Ovalle A, Ifeora C, Jobe E, et al. Post-acute stroke experience survey: Development and pilot testing. *Stroke*. 2020;51 Suppl 1:TP356.
34. Bershada E, Marshall-Goebel K, Venkatasubba Rao C, Damani R, Cohen H, Clark J, et al. SPACE-CENT: Studying the physiological and anatomical effects of centrifugation and head down tilt - preliminary results. Presented at the National Aeronautics and Space Administration (NASA), 2020 Human Research Program Investigators' Workshop in Galveston, Texas (Jan. 27-30, 2020). [Platform Presentation]
35. Escamilla-Ocañas CE, Amna Ramzan, Ali Ahmad, Gutiérrez-Flores BL, Jobe E, Venkatasubba Rao CP, et al. Characteristics of Patients with Deep Venous Thrombosis after Intracerebral Hemorrhage. *Neurocrit Care*. 2019;31(1 suppl):S241.
36. Escamilla-Ocañas CE, Gutiérrez-Flores BL, Jobe E, Bershada EM, Venkatasubba Rao CP, Saleem Y, et al. Rates of Infections and Clinical Outcomes after Intracerebral Hemorrhage. *Neurocrit Care*. 2019;31(1 suppl):S251.
37. Escamilla-Ocañas CE, Naveed A, Gutiérrez-Flores BL, Jobe E, Bershada EM, Venkatasubba Rao CP, et al. Low serum calcium levels are associated with a worse clinical outcome in ICH. *Neurocrit Care*. 2019;31(1 suppl):S252.
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