Eric M. Bershad, M.D.

- **Assistant Professor of Neurology**

Clinical Service Area

Neurology

Specialty

Stroke
Intensive Care
Neurocritical Care
Vascular Neurology

Board Certification

American Board of Psychiatry and Neurology, Neurology

Clinic Appointments

713-798-8472

Consult

713-798-8472

Medical School

M.D., Wayne State University School of Medicine, Detroit, Mich.

Internship

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

Residency

Neurology, University Hospitals of Cleveland, Ohio

Clinical Fellowship

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Neurocritical Care, Baylor College of Medicine, Houston, Texas

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. Suarez JI, Martin RH, Calvillo E, Dillon C, Bershad EM, Macdonald RL, et al. The Albumin in Subarachnoid Hemorrhage (ALISAH) multicenter pilot clinical trial: safety and neurologic outcomes. Stroke. 2012;43(3):683-90. [View journal article]
9. Faridar A, Bershad EM, Emiru T, Iaizzo PA, Suarez JI, Divani AA. Therapeutic hypothermia in stroke and traumatic brain injury. Front Neurol. 2011;2:80. [View journal article]
10. Fridley J, Mackey J, Hampton C, Duckworth E, Bershad E. Internal carotid artery dissection and stroke associated with wakeboarding. J Clin Neurosci. 2011;18(9):1258-60. [View journal article]
11. Bershad EM, Suarez JI. Prothrombin complex concentrates for oral anticoagulant therapy-related intracranial hemorrhage: a review of the literature. Neurocrit Care. 2010;12(3):403-13. [View journal article]
12. Bershad EM, Farhadi S, Suri MF, Feen ES, Hernandez OH, Selman WR, et al. Coagulopathy and inhospital deaths in patients with acute subdural hematoma. J Neurosurg. 2008;109(4):664-9. [View journal article]
13. Bershad EM, Feen ES, Hernandez OH, Suri MF, Suarez JI. Impact of a specialized neurointensive care team on outcomes of critically ill acute ischemic stroke patients. Neurocrit Care. 2008;9(3):287-92. [View journal article]
14. Bershad EM, Feen ES, Suarez JI. Myasthenia gravis crisis. South Med J. 2008;101(1):63-9. [View journal article]
15. Bershad EM, Humphreis WE, Suarez JI. Intracranial hypertension. Semin Neurol. 2008;28(5):690-702. [View journal article]
16. Bershad EM, Suarez JI. Recent advances in intra-arterial thrombolysis. Ann Indian Acad Neurol. 2008;11:S30-8. [View journal article]
17. Feen ES, Bershad EM, Suarez JI. Status epilepticus. South Med J. 2008;101(4):400-6. [View journal article]
18. Knight RA, Nagaraja TN, Ewing JR, Nagesh V, Whitton PA, Bershad E, et al. Quantitation and localization of blood-to-brain influx by magnetic resonance imaging and quantitative autoradiography in a model of transient focal ischemia. Magn Reson Med. 2005;54(4):813-21. [View journal article]
19. Knight RA, Nagesh V, Nagaraja TN, Ewing JR, Whitton PA, Bershad E, et al. Acute blood-brain barrier opening in experimentally induced focal cerebral ischemia is preferentially identified by quantitative magnetization transfer imaging. Magn Reson Med. 2005;54(4):822-32. [View journal article]
20. Kievit E, Bershad E, Ng E, Sethna P, Dev I, Lawrence TS, et al. Superiority of yeast over bacterial cytosine deaminase for enzyme/prodrug gene therapy in colon cancer xenografts. Cancer Res. 1999;59(7):1417-21. [View journal article]

Book Chapters and Other Publications

1. Bershad EM. Acalculia. In: Zaidat OO, Lerner AJ, editors. The little black book of neurology. Mobile medicine series. 5th ed. Philadelphia: Saunders (Elsevier); 2008.
2. Bershad EM. Agnosia. In: Zaidat OO, Lerner AJ, editors. The little black book of neurology. Mobile medicine series. 5th ed. Philadelphia: Saunders (Elsevier); 2008.
3. Bershad EM. Alexia. In: Zaidat OO, Lerner AJ, editors. The little black book of neurology. Mobile medicine series. 5th ed. Philadelphia: Saunders (Elsevier); 2008.
4. Bershad EM. Balint's syndrome. In: Zaidat OO, Lerner AJ, editors. The little black book of neurology. Mobile medicine series. 5th ed. Philadelphia: Saunders (Elsevier); 2008.
5. Bershad EM. Idiopathic intracranial hypertension. In: Zaidat OO, Lerner AJ, editors. The little black book of neurology. Mobile medicine series. 5th ed. Philadelphia: Saunders (Elsevier); 2008.
6. Bershad EM. Moya moya. In: Zaidat OO, Lerner AJ, editors. The little black book of neurology. Mobile medicine series. 5th ed. Philadelphia: Saunders (Elsevier); 2008.
7. Bershad EM. Nutritional deficiency syndromes. In: Zaidat OO, Lerner AJ, editors. The little black book of neurology. Mobile medicine series. 5th ed. Philadelphia: Saunders (Elsevier); 2008.
8. Bershad EM. Optic nerve. In: Zaidat OO, Lerner AJ, editors. The little black book of neurology. Mobile medicine series. 5th ed. Philadelphia: Saunders (Elsevier); 2008.
9. Bershad E, Suarez JI. Ischemic stroke in the first 24 hr. In: Torbey MT, Selim MH, editors. The stroke book. New York: Cambridge University Press; 2007. p. 167-187.
10. Bershad EM, Suarez JI. Avoid using incentive spirometry in myasthenia gravis patients; use intrapulmonary percussive ventilation or flutter valve instead. In: Marcucci L, Martinez EA, Haut ER, Slonim AD, Suarez JI, editors. Avoiding common ICU errors. Philadelphia: Wolters Kluwer/Lippincott Williams & Wilkins; 2007. p. 511-512.
11. Bershad EM, Suarez JI. Have a low threshold for obtaining an initial and repeat head compute tomography scan after subarachnoid hemorrhage. In: Marcucci L, Martinez EA, Haut ER, Slonim AD, Suarez JI, editors. Avoiding common ICU errors. Philadelphia: Wolters Kluwer/Lippincott Williams & Wilkins; 2007. p. 482-485.
12. Bershad EM, Suarez JI. Ischemic stroke beyond the first 24 hours. In: Torbey MT, Selim MH, editors. The stroke book. New York: Cambridge University Press; 2007. p. 167-187.
13. Bershad EM, Suarez JI. Know the alternatives routes of administration of cardiopulmonary resuscitation medications. In: Marcucci L, Martinez EA, Haut ER, Slonim AD, Suarez JI, editors. Avoiding common ICU errors. Philadelphia: Wolters Kluwer/Lippincott Williams & Wilkins; 2007. p. 97-98.
14. Bershad EM, Suarez JI. Obtain a head computed tomography scan and lumbar puncture in patients with human immunodeficiency virus or acquired immunodeficiency syndrome and new-onset mental status changes. In: Marcucci L, Martinez EA, Haut ER, Slonim AD, Suarez JI, editors. Avoiding common ICU errors. Philadelphia: Wolters Kluwer/Lippincott Williams & Wilkins; 2007. p. 479-481.
15. Bershad EM, Suarez JI. Remember that failure to recognize pituitary apoplexy can result in a neurologic catastrophe. In: Marcucci L, Martinez EA, Haut ER, Slonim AD, Suarez JI, editors. Avoiding common ICU errors. Philadelphia: Wolters Kluwer/Lippincott Williams & Wilkins; 2007. p. 495-497.

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. Murthy S, Moradiya Y, Shah S, Shastri A, Bershad E, Suarez J. Thrombolytic outcomes for acute ischemic stroke in patients with primary brain tumors in the United States. Neurology. 2014;82(Meeting Abstracts 1):P4.220.
3. 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.
4. 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.
5. Murthy SB, Shah S, Karanth S, Shastri A, Bershad E, Suarez JI. Clinical outcomes following thrombolysis

for acute ischemic stroke in patients with primary brain tumors: A nationwide population study. Stroke. 2014;45:ATMP14.

6. 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.
7. 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]
8. 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]
9. 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.
10. 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.
11. 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.
12. 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.
13. Divani A, Thomson RM, Luo X, Saurez JI, Bershad EM. Risk factors for in-hospital pneumonia in intracerebral hemorrhage. Presented at the World Stroke Organization (WSO), 8th World Stroke Congress in Brasilia, Brazil (Oct. 10-13, 2012).
14. 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.
15. Chmayssani M, Murthy S, Ghosh S, Bershad E, Suarez J. Stroke associated with severe cerebral vasospasm after petroclival meningioma resection. Neurology. 2012;78(Meeting Abstracts 1):P05.263. [View poster]
16. 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]
17. 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]
18. Mazabob JM, Brown G, Livesay S, Nguyen T, Hu B-B, Suarez J, et al. Protocol for rapid acquisition and interpretation of head CT in acute stroke patients eligible for thrombolysis. Stroke. 2012;43(2_MeetingAbstracts) Suppl 1:A2399.
19. Livesay S, Bershad E, Suarez J, Hrachovy R, Manian P, Herlihy JP, et al. Clinical utility of continuous electroencephalogram (CEEG) monitoring in hypothermia after cardiac arrest. Neurocrit Care. 2011;15:S42.
20. Mazabob J, Livesay S, Meade A, Brown G, Suarez JI, Bershad EM, et al. Mind the time: a quality improvement project to increase the percent of ischemic stroke patients receiving intravenous t-PA within 60 minutes after emergency department arrival. Presented at the American Heart Association, 2011 Quality of Care and Outcomes Research Meeting (QCOR) in Washington, D.C. (May 12-14, 2011).
21. Mazabob JM, Brown G, Stewart P, Livesay S, Freeborg S, Suarez JI, et al. A multidisciplinary quality imporvement project to address delays in CT imaging and thrombolytic treatment in acute stroke patients. Stroke. 2011;42:e328.
22. Livesay S, Suarez J, Bershad E, Smirnakis S, Newmark M, Ansari S, et al. Neurocritical care morbidity and mortality (M&M): A multidisciplinary systems-based approach for improving patient care. Neurocrit Care. 2010;13:S63.
23. Livesay S, Suarez J, Bershad E, Smirnakis S, Newmark M, Ansari S, et al. The neurocritical care telestroke network: Extending high quality care to the underserved community for reasonable cost. Neurocrit Care. 2010;13:S64.

24. Novitzke JM, Qureshi AI, the ATACH Investigators. Foundations for a successful start: lessons learned from site initiation in the antihypertensive treatment of acute cerebral hemorrhage (ATACH) trial. Stroke. 2009;40:e137.
25. Qureshi AI, Palesch YY, the ATACH Investigators. Effect of systolic blood pressure treatment on perihematomal edema. Results from the antihypertensive treatment of acute cerebral hemorrhage (ATACH) study. Stroke. 2009;40:e161.
26. Bershad EM, Farhadi S, Suri MF, Feen ES, Hernandez OH, Selman WR, et al. Coagulopathy is an independent predictor of inhospital mortality in patients with acute subdural hematoma. Presented at the American Neurological Association (ANA), 133rd Annual Meeting in Salt Lake City, Utah (Sept. 21-24, 2008). [View poster]
27. The ATACH Investigators. Antihypertensive treatment of acute cerebral hemorrhage (ATACH) trial. Presented at the American Stroke Association, 2008 International Stroke Conference in New Orleans, La. (Feb. 20-22, 2008).
28. Suarez JI, Murphy C, Feen ES, Bershad E, for the ALISAH Investigators. Treatment of subarachnoid hemorrhage with human albumin: the ALISAH pilot trial. Presented at the American Stroke Association, 2007 International Stroke Conference in San Francisco, Calif.(Feb. 7-9, 2007).
29. Suarez JI, Feen ES, Suri MFK, Bershad E, Mirabelli J, Lynch G, et al. Coagulopathy is an independent predictor of in-hospital mortality in patients with acute subdural hematoma. Neurocrit Care. 2007;6:226.