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- Professor of Neurology
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Clinical Service Area

Neurology

Medical School

M.D., University of Kansas Medical Center, Kan.

Clinical Interests

Acute stroke therapy; diabetes and stroke; secondary prevention; interface of psychiatry with neurological illness

Research Interests

Development of carbon nano-particle as a treatment for oxidative reperfusion injury in stroke and traumatic brain injury; novel anti-thrombotic therapies for acute stroke; diabetes and stroke; analytical methods for stroke outcome analysis

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Journal Publications

1. Mandava P, Martini SR, Munoz M, Dalmeida W, Sarma AK, Anderson JA, et al. Hyperglycemia Worsens Outcome After rt-PA Primarily in the Large-Vessel Occlusive Stroke Subtype. *Transl Stroke Res.* 2014;5(4):519-25. [[View journal article](#)]
2. Mishra NK, Mandava P, Chen C, Grotta J, Lees KR, Kent TA. Influence of racial differences on outcomes after thrombolytic therapy in acute ischemic stroke. *Int J Stroke.* 2014;9(5):613-7. [[View journal article](#)]
3. Pugh MJ, Orman JA, Jaramillo CA, Salinsky MC, Eapen BC, Towne AR, et al. The Prevalence of Epilepsy and Association With Traumatic Brain Injury in Veterans of the Afghanistan and Iraq Wars. *J Head Trauma Rehabil.* 2014;::. [[View journal article](#)]
4. Sheth KN, Kimberly WT, Elm JJ, Kent TA, Mandava P, Yoo AJ, et al. Pilot study of intravenous glyburide in patients with a large ischemic stroke. *Stroke.* 2014;45(1):281-3. [[View journal article](#)]
5. Sheth KN, Taylor Kimberly W, Elm JJ, Kent TA, Yoo AJ, Thomalla G, et al. Exploratory analysis of glyburide as a novel therapy for preventing brain swelling. *Neurocrit Care.* 2014;21(1):43-51.

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7. Mandava P, Krumpelman CS, Shah JN, White DL, Kent TA. Quantification of errors in ordinal outcome scales using Shannon entropy: effect on sample size calculations. *PLoS One*. 2013;8(7):e67754.
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11. Bitner BR, Marcano DC, Berlin JM, Fabian RH, Cherian L, Culver JC, et al. Antioxidant carbon particles improve cerebrovascular dysfunction following traumatic brain injury. *ACS Nano*. 2012;6(9):8007-14.
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13. Kunte H, Busch MA, Trostdorf K, Vollnberg B, Harms L, Mehta RI, et al. Hemorrhagic transformation of ischemic stroke in diabetics on sulfonylureas. *Ann Neurol*. 2012;72(5):799-806. [[View journal article](#)]
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15. Anderson JA, Willson P, Peterson NJ, Murphy C, Kent TA. Prototype to practice: developing and testing a clinical decision support system for secondary stroke prevention in a veterans healthcare facility. *Comput Inform Nurs*. 2010;28(6):353-63. [[View journal article](#)]
16. Mandava P, Dalmeida W, Anderson JA, Thiagarajan P, Fabian RH, Weir RU, et al. A pilot trial of low-dose intravenous abciximab and unfractionated heparin for acute ischemic stroke: Translating GP IIb/IIIa receptor inhibition to clinical practice. *Transl Stroke Res*. 2010;1(3):170-7. [[View journal article](#)]
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Book Chapters and Other Publications

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2. Mandava P, Krumpelman CS, Murthy SB, Kent TA. A critical review of stroke trial analytical methodology: outcome measures, study design, and correction for imbalances. In: Lapchack PA, Zhang JH, editors. *Translational stroke research: From target selection to clinical trials.* New York: Springer; 2012. p. 833-862.
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