
Key Messages:

- Intravenous tissue-type plasminogen activator (IV tPA) lyases clots and improves outcomes in ischemic stroke but is associated with an increased risk of symptomatic intracranial hemorrhage.

- The “GRASPS score” is a well validated, evidence based determination of the risk of symptomatic intracerebral hemorrhage in patients treated with IV t-PA within 3 hours of stroke symptom.

- The “GRASPS” score has 6 predictor variables: Glucose at presentation, Race (Asian), Age, Sex (male), systolic blood Pressure at presentation and Severity of stroke at presentation (NIHSS).

- The score could facilitate quality improvement by allowing hospitals to determine whether their rate of symptomatic intracerebral hemorrhage exceeds the expected rate predicted by the score.

See Publication

**Bijoy K. Menon, MD** is a stroke neurologist with the Calgary Stroke Program. He joined faculty as Clinical Scholar and Staff Stroke Neurologist in November 2010 and was appointed as Asst. Professor in Clinical Neurosciences from August 1, 2012. Dr. Menon completed his internal medicine (2003) and neurology residencies (2006) followed by fellowships in interventional neuroradiology (2008) and vascular neurology (2010). Currently, Dr. Menon is pursuing a masters in biostatistics and clinical epidemiology at the University of Calgary. His broad interests are a) developing imaging techniques to assess clots, collaterals and tissue perfusion in patients with major acute ischemic stroke and b) process management and outcomes in the management of acute ischemic strokes.

*On a personal note from Dr. Menon*

“My wife is a physician and my 6 year old son is a budding paleontologist! Dr Eric Smith (a well-seasoned AHA/ASA Get With The Guidelines-Stroke volunteer) is one of my mentors. This is my second paper with the Get With The Guidelines-Stroke with a third project ongoing. I very much look forward to working with the Get With The Guidelines-Stroke program, staff, and volunteers that has taught me much during the writing of these papers.”

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