Interventional Management of Stroke (IMS III) Trial

**Project Name:** A Phase III Randomized Open-Label Multicenter Clinical Trial of Interventional Management of Stroke

**Project Description:** This trial is a randomized, open-label multi-center study that will compare a combined intravenous (IV) and intra-arterial (IA) treatment approach to restoring blood flow to the brain to the current standard FDA approved treatment approach of giving IV rt-PA alteplase, Activase®, Actilyse® (in Australia) alone. Both approaches must have treatment initiated within three hours of stroke onset.

**Project Period:** Jul. 2006 – Sep. 2011

**Funding Source:** National Institute of Health / National Institute of Neurological Disorders and Stroke (NIH / NINDS) U01 NS052220  U01 NS054630

**Principal Investigators:**
- Joseph P. Broderick, M.D., Neurology PI
  University of Cincinnati
- Thomas A. Tomsick, M.D., Neuroradiology PI
  University of Cincinnati
- Yuko Y. Palesch, Ph.D., Data Management and Statistics Center PI
  Division Director, Professor of Biostatistics and Epidemiology
  Medical University of South Carolina

**Description of DCU Responsibilities:** DCU is responsible for the statistical design, monitoring, data management, IS infrastructure and evaluation of this international multi-center trial involving 900 participants enrolled from 50+ study sites in the United States, Canada and Australia.