Course Directors
Gavin Britz, R. Roc Chen and Peter Kan

Course Description
This symposium brings the entire neurocritical care team together to improve outcomes in patients with acute ischemic stroke by improving triage and medical management of neurological emergencies. This symposium is open to EMS, emergency physicians, critical care nurses, anesthesiologists, radiologists and other allied healthcare professionals on the neurocritical care team. Large group sessions will address protocols and workflow impacting stroke care, as well as novel diagnostic modalities and the impact of telestroke. Small-group breakout sessions will address specific challenges in early diagnosis, imaging, medical management, surgical care and administrative issues related to Stroke Center certification.

Learning Objectives
Upon completion of this course, participants will be able to:
• Identify critical diagnostic indicators for acute stroke
• Describe criteria for identifying patients for transfer to a Certified Stroke Center
• Describe administrative requirements for stroke center development and certification
• Outline appropriate medical management prior to IV TPA or endovascular treatment
• Describe best practice procedural management and systems of care for acute ischemic stroke

Accreditation
The Congress of Neurological Surgeons is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation Statement
The CNS designates this live activity for a maximum of 8 AMA PRA Category 1 Credits™
Physicians should claim only the credit commensurate with the extent of their participation in the activity.

7:00 AM
Registration

7:30 - 9:15 AM
Part 1: Before the Stroke Occurs
• Pre-hospital Management - What defines a stroke?
  o P. Roc Chen - UT Hermann
• Initial Management in the Emergency Department
  o Pablo Tovar - Baylor
• Door to CT to the Angio suite - New paradigms of patient flow?
  o Andrew Barreto - UT Hermann
• Mobile Stroke Units - Impact on Stroke Care Systems and are they worth the investment
  o James Grotta - UT Hermann

9:15 – 9:30 AM
Break

9:30 AM - 12:30 PM
Part II: Developing a Stroke Center
• Defining the Components of a Stroke Center
  o Jose Suarez - Baylor
• Telestroke Paradigms: What works and what doesn’t
  o Chethan Rao - Baylor
  o Teddy Wu - UT Hermann
  o Vivek Misra – Houston Methodist
• Stroke Certification Paradigms: How to prepare for certification?
  o Nicole Harrison - Mischer Neuroscience Institute and UT Hermann Comprehensive Stroke Center
• What does the ideal Stroke Center look like?
  o Sean Savitz - UT Hermann

12:30 - 3:30 PM
Lunch and Breakout Sessions

Breakout I
• Update of the Literature
  o Peter Tze Man Kan - Baylor
• Trials and Guidelines - Impact in the Emergency Department
  o Richard Klucznik – Houston Methodist
• Hemorrhagic Stroke Management - Latest Innovations
  o Gavin Britz - Houston Methodist
• Ischemic Stroke Management - Latest Innovations
  o Jay Volpi - Houston Methodist

Breakout II
• Identification in the Field: Primary vs. Comprehensive Stroke Center
  o Orlando Diaz – Houston Methodist
• Management in the ED
  o Kunal Sharma - UT Hermann
• Acute Care After IV tPA or Mechanical Thrombectomy
  o Jonathan Zhang - Houston Methodist
• Speech and Language Pathology after Stroke
  o Tatiana Schur - Baylor
Breakout III

- Challenges in Stroke Certification - The process and recertification
  - Chethan Rao - Baylor
- Building of the Stroke Business Plan
  - Elizabeth Delledera - Baylor St. Luke’s Medical Center
- Upcoming Changes in Reimbursement for Stroke Care
  - Meredith Wells – UT Hermann

3:30 – 3:45 PM

Question and Answer Session

3:45 PM
Adjourn