



ED Stroke Patient Management in the 21st Century

Background

The diagnosis and treatment of acute stroke patients both in the pre-hospital setting and in the ED requires an understanding of the existing systems for stroke care, the way in which stroke severity can be best defined and communicated, when diagnostic tests such as CTA and MRA are indicated, and how therapies such as tPA and mechanical clot removal should be utilized.

This session will provide an overview to the emergency physician of the current systems for stroke care, the way in which stroke patients should be clinically evaluated, and what are optimal treatment paradigms based on the latest research and published guidelines.

Learning Objectives

Upon program completion, participants should be able to:

- Evaluate stroke care systems and the role of tertiary and stroke centers, prehospital triage, and ED patient transfer in the management of acute stroke patients.
- Discuss the use of the NIHSS in the ED evaluation of ischemic stroke patients.
- Determine the relevance of the Modified Rankin Scale and the Barthel Index in the interpretation of clinical trials that assess new stroke therapies.
- Explore the role of IV and IA thrombolysis as well as interventional radiology techniques in the treatment of ED acute ischemic stroke patients.
- Consider neuroprotection strategies in optimal ED stroke patient management.

This symposium is sponsored by FERNE. The University of Illinois at Chicago College of Medicine provides CME credits for participants. The University of Illinois at Chicago is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians. This course is in full compliance with the ACCME Essential and Standards for Commercial Support and application has been made for 1.5 hours of CME category 1 credit.

All materials, images, and lectures are encouraged to be used freely in order to educate others regarding the optimal care of patients with acute ischemic stroke and other neurological emergencies.

For a copy of these materials, please go to www.ferne.org after the meeting.

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