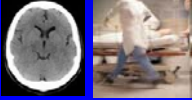




FERNE/EMA Session:

Treating Ischemic Stroke Patients Using a 3 to 4.5 Hour tPA Window




Edward P. Sloan, MD, MPH



2009 EMA Advanced Emergency & Acute Care Medicine Conference

*Atlantic City, NJ
September 22, 2009*

Edward P. Sloan, MD, MPH




Edward P. Sloan, MD, MPH

Professor

**Department of Emergency Medicine
University of Illinois at Chicago
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**Attending Physician
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*University of Illinois Hospital
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Disclosures

- FERNE Chairman and President
- FERNE grants by industry
- Participation on industry-sponsored advisory boards and as lecturer in programs supported by industry
- ACEP Clinical Policy Committee
- 2009 MEMC Educational activities supported by an Educational Grant from Alexza Pharmaceuticals

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Overview

Mission Statement Preamble

The Foundation for the Education and Research in Neurological Emergencies is an independent not-for-profit organization committed to the following principles:

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Overview

Mission Statement Principles

- Patients with neurologic emergencies deserve quality emergency care.
- The emergency care for neurologic emergencies can be enhanced through quality scientific research.
- Emergency medical care providers can provide optimal medical care for patients with neurological emergencies through participation in quality medical education that highlights state-of-the-art neurologic care.

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Administrative

Industry Collaborators

| | |
|--------------------------|-----------------------------------|
| Abbott Laboratories | Genentech |
| Adam Williams Initiative | GTE |
| Alexza Pharmaceuticals | Janssen Pharmaceutical |
| AstraZeneca | Novo Nordisk, Inc. |
| Boston Scientific | The Medicines Company |
| Bristol Myers Squibb | Ortho-McNeil Pharmaceutical, Inc. |
| Concentric Medical | Parke-Davis |
| Eisai Inc. | Pfizer |
| EB Medicine | Roche Pharmaceutical |
| EKR Therapeutics, Inc. | UCB Pharma, Inc. |
| EMA | |

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Academic Collaborations

- American Academy of Emergency Medicine (AAEM)
- American Stroke Association (ASA)
- American College of Emergency Physicians (ACEP)
- Emergency Medicine Foundation (EMF)
- Emergency Medicine Residents' Association (EMRA)
- European Society for Emergency Medicine (EuSEM)
- Illinois College of Emergency Physicians (ICEP)
- International Brain Injury Association (IBIA)
- Mount Sinai School of Medicine, NY (MSSM)
- National Institute of Neurological Disorders and Stroke (NINDS)
- Resuscitative Hypothermia Academic Industry Roundtable (RHAIR)
- Society for Academic Emergency Medicine (SAEM)

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Administrative

Extended Advisory Board

30 Members
Emergency Medicine Physicians
Provides input regarding needs and future directions
Advisory board last convened May 2004
Insights into FERNE priorities and educational needs

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Education

Case-based Learning

- Uniform content
- Case presentation
- Key Learning Points
- Introduction, discussion of the clinical disease state
- Optimal ED management strategies
- Patient outcome
- References
- Annotated bibliography
- Questions and answers


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Education

CME

CME available through the
EB Medicine (ebmedicine.net)
Available for all FERNE educational meetings
Free for all course attendees



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EMERGENCY MEDICINE PRACTICE
EBMEDICINE.NET
AN EVIDENCE-BASED APPROACH TO EMERGENCY MEDICINE

October 2006
Volume 8, Number 10

The Swollen Extremity: A Systematic Approach To The Evaluation Of A Common Complaint

It is another busy night in the emergency department; five admitted patients are waiting for beds and three patients are waiting for CT scans. Space and resources are limited. Your next patient is an obese, 35-year-old, female visitor from Australia with no known medical problems. She tells you that she never comes to the emergency room, but decided to come in tonight because the pain in her right leg was keeping her awake. She has had mild to moderate pain in both knees "for a long time," but for the last two days her right lower leg has been progressively painful and swollen. She has been staying off her feet and taking ibuprofen, but the pain and swelling are not getting better. She also complains of a mild discomfort in her chest which she can not characterize. Her blood pressure is 140/90 mmHg, pulse is 100, respiratory rate is 20, temperature is 37.2°C, and her oxygen saturation is 92%. You note that her right pulse is 40% weaker.

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PEDIATRIC EMERGENCY MEDICINE PRACTICE
AN EVIDENCE-BASED APPROACH TO PEDIATRIC EMERGENCY MEDICINE ■ EBMEDICINE.NET

July 2007
Volume 4, Number 7

Fever Caused By Occult Infections In The 3-To-36-Month-Old Child

It's 3 am and the ED is winding down. You look up to find that the next patient to be seen is a 9-month-old with the chief complaint of "fever." You streg down the last of your lukewarm coffee, grab the chart, and head off to room 5. On entering, you find a tear-eyed white female infant sitting in her mother's lap, crying you suspiciously. Mom relates that she has been ill for the past three days with upper respiratory congestion and a nonproductive cough, which her mom has been treating with an over-the-counter decongestant. Today, however, the child was less active, drank less of her formula than usual, and felt hot to the touch, prompting Mom to check her temperature. Her initial fever of 101.2°F responded to a dose of acetaminophen, but when the mother rechecked the child's temperature several hours later, it had climbed to 103.5°F, so she called her pediatrician's answering service and was told to bring her immediately to the emergency department. The young girl has had two episodes of nonbloody, nonbilious emesis related to her cough, no diarrhea or rash, and has maintained her urinary output. She has

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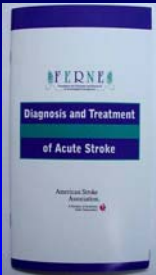
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CME Objectives
Upon completing this article, you should be able to:
1. Review and critically appraise existing practice

Education
Other Educational Materials

Acute Stroke Materials

Developed a Handbook and Companion CD Rom
Published Spring 2004
Collaboration included American Stroke Association and France Foundation



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Education
Supplements

Planned Seizure Publication

Emergency Medicine Clinics 2010
Comprehensive state-of-the-art Seizure Data
15 Manuscripts total


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Education
Meeting Attendance and Evaluations

82 FERNE meetings
~ 460 Educational Lectures, 14 Research Lectures
~ 188 Speakers
~ 5850 physicians in attendance
~ 11,000 contact hours
Evaluated as excellent or good by 97% of learners

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Education
Web-based Learning: Website



Mission Statement
The Foundation for the Education and Research in Neurological Emergencies is an independent not-for-profit organization committed to the following principles:
• Patients with neurologic emergencies deserve quality emergency care.
• The emergency care for neurologic emergencies can be enhanced through quality scientific research.

Past Educational Meetings
International Emergency Medicine Conference, Havana, Cuba, February 2003
AAEM Scientific Assembly, New Orleans, LA, February 2003
ICEP On Our Watch: Outcomes and Bottomline, Chicago, IL, January 2003
NNCS Stroke Symposium, Washington, D.C., December 2002

Upcoming Meetings
SADM Annual Meeting, Boston, MA, May 2003
Stroke Symposium, Resurrection Foundation, Boston, MA, May 2003
BSA Case Conference, Stockholm, Sweden, May 2003
AAEM Scientific Assembly, Stages (Electronic), Stages, September 2003


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Education

Web-based Learning: EMedHome.com

- FERNE generated content
- CME can be obtained via EMedHome website
- Slides and audio




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Education

Web-based Learning: Video Slideshows

- Audio, video and slide content
- Able to access individual slides, specific content
- MS Producer, viewable with Windows Media Player

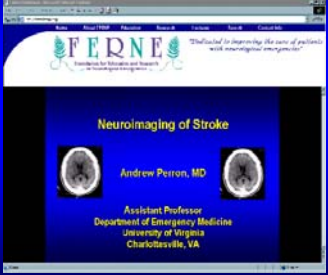


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Education

Web-based Learning: Slide Lectures

Download or view online




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Education

Handheld Software: HandiStroke Rx

HANDi Stroke Rx Available free from www.ferne.org

- Written at Mount Sinai, New York
- Funded by a FERNE grant
- NIH Stroke Scale
- tPA Inclusion/Exclusion criteria
- tPA dosage calculator
- Continuation of care orders




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Education

Handheld Software: SeizureStat©

SeizureStat© Available free from www.ferne.org

- Written at University of Illinois, Chicago
- Funded by FERNE
- Written materials
- Urgent SE protocol
- Information on 10 urgent meds



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Research

Directed Neurological Emergencies Research Grant


- Up to \$ 50,000 per Grant
- \$300,000 awarded with EMF support
- Promotes new knowledge relating to the diagnosis and management of neurological emergencies in the medical community
- Directed to researchers in established emergency medicine research program
- One directed research grant per institution, per cycle, is awarded

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Research
Directed Neurological Emergencies Research Grant

- **Christopher Barton, MD**
- **UCSF**
- **Emergency Department Assessment of Secondary Brain Insults in ICH**

- **Jane Brice, MD, MPH**
- **UCSF**
- **Stat 911: Stroke Assessment Tool for 911**

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Research
Directed Neurological Emergencies Research Grant


- **Andrew W. Asimos, MD**
- **Carolinas Medical Center**
- **A Prospective Validation Study of the ABCD Score and Kaiser Criteria for Short-term Stroke Risk after ED Diagnosis of TIA**

- **Michael Ross, MD**
- **William Beaumont Hospital Research Institute**
- **The Emergency Department Transient Ischemic Attack Accelerated Diagnostic Protocol**

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Research
Seed Grants / Unsolicited Proposals

- **Up to \$5,000 grants, \$25,000 total**
- **Promote new research**
- **Help secure future funding**
- **Identify the support source**
- **Specific area of interest**
- **Available for all EM practitioners**

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Opportunities For Involvement
How You Can Become Involved

- **Development of new cases**
- **Become a speaker**
- **Tell us about your preferred:**
 - **Symposia, content, venues**
 - **Learning methods**
 - **Research grants**
- **Develop technology based applications**

- **Contact us: ferne@ferne.org**

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Check It Out !

Questions?

www.FERNE.org

edsloan@uic.edu

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