
**Optimizing Seizure and
SE Patient Management:
Seizure Therapies
Workshop and Clinical
Policy Review**




Edward P. Sloan, MD, MPH, FACEP



**Clinical Decisions in
Emergency Medicine**

**Ponte Vedra, FL
June 22-23, 2007**

Edward P. Sloan, MD, MPH, FACEP




Edward P. Sloan, MD, MPH

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**University of Illinois Hospital
Our Lady of the Resurrection Hospital**

Chicago, IL

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Disclosures

**FERNE Chairman and President
FERNE grants by industry
Breakfast supported by UCB Pharma**

**Participation on industry-sponsored
advisory boards and as lecturer in
programs supported by industry
ACEP Clinical Policy Committee**

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www.ferne.org

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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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Industry Collaborators

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

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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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University of California Los Angeles
Los Angeles California

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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
University of Illinois College of Medicine**
**Available for all FERNE educational
meetings**
Free for all course attendees
ICH CME on line

Future plans
Interactive, web-based CME
**Available following cases provided on
website**

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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 Supplement

Annals of Emergency Medicine
 To be published in October 2007
 Comprehensive state-of-the-art Seizure Data
 20 Manuscripts total


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Education
Meeting Attendance and Evaluations

65 FERNE meetings
 403 Educational Lectures, 14 Research Lectures
 181 Speakers
 More than 3500 physicians in attendance
 8472 contact hours
 Evaluated as excellent or good by 97% of learners

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Education
Web-based Learning: Website




www.ferne.org

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Education
Web-based Learning: EMedHome.com

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

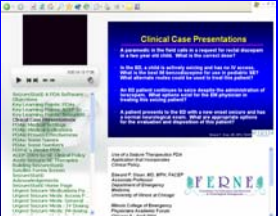


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Education
Web-based Learning: Video Slideshows

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

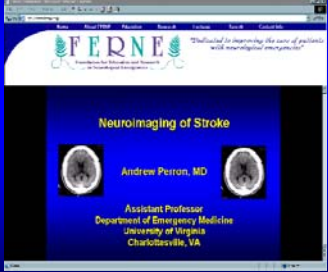


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Education
Web-based Learning: Slide Lectures

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 !

Today's Meeting

- Grant by UCB Pharma
- Grant to Eisai, Inc declined by Eisai, Inc
- Content developed independently
- CME via this congress
- Please fill out eval Re: format, content
- Thank you to Charri, Carla, Caitlin, Erin, the Clinical Decisions group, all of you!

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Questions?

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7/3/2007 3:17 PM Edward P. Sloan, MD, MPH, FACEP 