

EMRA/FERNE
ED Clinical Policies Session:
Optimizing the Care of
ED Patients with
Neurological Emergencies

Edward P. Sloan, MD, MPH, FACEP



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



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Optimizing
Traumatic Brain Injury
Patient Management:
Clinical Policy Review




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2009 EMRA Meeting at
the SAEM Annual
Meeting

New Orleans, LA
May 16, 2009

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Disclosures

FERNE Chairman and President
FERNE grants by industry
2009 EMRA SAEM Educational activities supported by Genentech, EKR Therapeutics, The Medicines Company

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

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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	GTE
Adam Williams Initiative	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	
Genentech	

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

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Education


Meeting Attendance and Evaluations

- 79 FERNE meetings
- ~450 Educational Lectures, 14 Research Lectures
- 186 Speakers
- More than 5630 physicians in attendance
- 10,670 contact hours
- Evaluated as excellent or good by 97% of learners

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Education
Web-based Learning: Website



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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

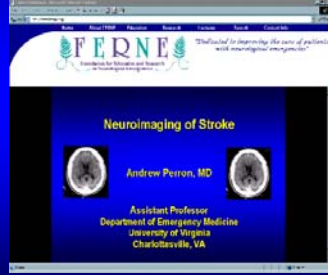
- Audio, video and slide content
- Able to access individual slides, specific content
- MS Producer, viewable with Windows Media Player



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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

- Grants by Genentech, EKR Therapeutics, the Medicines company
- Content developed independently
- CME via EB Medicine
- Please comment Re: format, content
- Thank you to Carla, Michele, Leah, EB Medicine, the EMRA Board and its members, and all of you!

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Questions?

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