



**EMRA/FERNE
Mid-Atlantic Emergency
Medicine Student Symposium:
The ABCs of Head CT
Interpretation in the ED**

Heather Prendergast, MD, MPH, FACEP 


**The ABCs of Head CT
Interpretation in the ED**



Heather Prendergast, MD, MPH, FACEP 

**2009 EMRA Meeting at
the SAEM Annual
Meeting**


**New Orleans, LA
May 16, 2009**

Heather Prendergast, MD, MPH, FACEP 

Edward P. Sloan, MD, MPH

Professor


**Department of Emergency Medicine
University of Illinois at Chicago
Chicago, Illinois**

Heather Prendergast, MD, MPH, FACEP 

**Attending Physician
Emergency Medicine**

**University of Illinois Hospital
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Chicago, IL

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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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Jonathan Edlow, MD

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Beth Israel Hospital
Boston, MA


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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

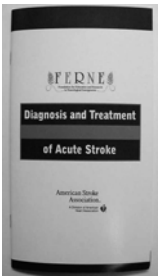
Future plans
 Interactive, web-based CME
 Available following cases provided on
 website


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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

80 FERNE meetings
 ~450 Educational Lectures, 14 Research Lectures
 186 Speakers
 More than 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




www.ferne.org Heather Prendergast, MD, MPH, FACEP 

Education
Web-based Learning: EMedHome.com

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






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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www.ferne.org
Check It Out !

Today's Meeting

- **Grants by EKR Therapeutics, The Medicines company**
- **Content developed independently**
- **Please comment Re: format, content**
- **Thank you to Michele, Leah, the EMRA Board and its members, and all of you!**

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Questions?

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