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**EMRA/FERNE  
ED Documentation Session:  
Optimizing the Care of  
ED Patients with  
Neurological Emergencies**

Edward P. Sloan, MD, MPH



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**ACEP Scientific Assembly  
2008  
Chicago, IL  
October 28, 2008**

Edward P. Sloan, MD, MPH



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**Edward Sloan, MD, MPH  
Professor**

Department of Emergency Medicine  
University of Illinois College of Medicine  
Chicago, IL

Edward P. Sloan, MD, MPH



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**Attending Physician  
Emergency Medicine**

University of Illinois Hospital  
Chicago, IL

Edward P. Sloan, MD, MPH

Edward P. Sloan, MD, MPH, FACEP



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**FERNE**  
Foundation for Education and Research  
in Neurological Emergencies

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**Thank you to  
EMRA  
for its support of  
this educational program**

Edward P. Sloan, MD, MPH



# FERNE /EMRA 2008 ACEP SA ED Documentation Meeting

## Introduction

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### Overview

#### **Mission Statement**

- Patients with neurological emergencies deserve quality emergency care.
- Quality scientific research.
- Case-oriented, evidence-based medical education on optimal acute neurological care.
- Use of technology to break down space and time barriers.
- Advocacy.

Education

#### **Meeting Attendance and Evaluations**

- 77 FERNE meetings
- 427+ Lectures
- 15 Research Lectures
- 196 Different Speakers

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Education

#### **Meeting Attendance and Evaluations**

- More than 5530 physicians in attendance
- 10,600+ physician contact hours
- Content evaluated as excellent or good by 97% of learners

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Education

#### **Branded Product: Case-based Learning**

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

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Education

#### **Web-based Learning: Video Slideshows**

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

The image shows a screenshot of a video player displaying a slide titled "Clinical Case Presentations". The slide contains text about a patient with a stroke and a question about the best ED management strategy. Below the slide, there are navigation controls and a list of slides. At the bottom right, there is a logo for "Edward P. Sloan, MD, MPH" and "FERNE".

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# FERNE /EMRA 2008 ACEP SA ED Documentation Meeting

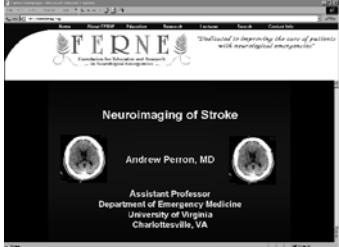
## Introduction

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Education  
**Web-based Learning: Slide Lectures**

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Download or view online




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Education  
**Web-based Learning: Webcasting**

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- Live simulcasts using Centra Symposium



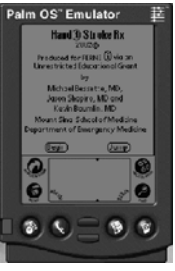
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Education  
**Handheld Software: HandiStroke Rx**

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HANDi Stroke Rx Available free from [www.ferne.org](http://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**

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SeizureStat Available at [www.ferne.org](http://www.ferne.org)

- Written at UIC by FERNE
- Funded by Abbott and UCB Pharma
- SE Protocol
- Urgent seizure meds
- Seizure, SE information
- Palm software summer 2008



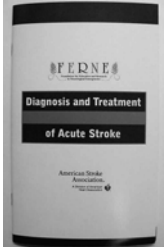
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Education  
**Educational Materials**

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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  
**Web-based Learning: EMedHome.com**

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



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# FERNE /EMRA 2008 ACEP SA ED Documentation Meeting

## Introduction

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Education

### Web-based Learning: Abstract Search

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Topic specific abstract searches



The screenshot shows the FERNE website's search page. At the top, it says "FERNE" with the tagline "Dedicated to improving the care of patients with neurological emergencies." Below that is the "j.a.d.e." logo. There are several search filters and a search box at the bottom.


Research

### Directed Neurological Emergencies Research Grant

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- \$ 25-50,000 per grant
- Emergency Medicine Foundation (EMF)
- Promotes new knowledge relating to the diagnosis and acute management of neurological emergencies
- Directed to Emergency Medicine researchers
- Approximately \$300,000 funded to date

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Research

### Seed Grants / Unsolicited Proposals

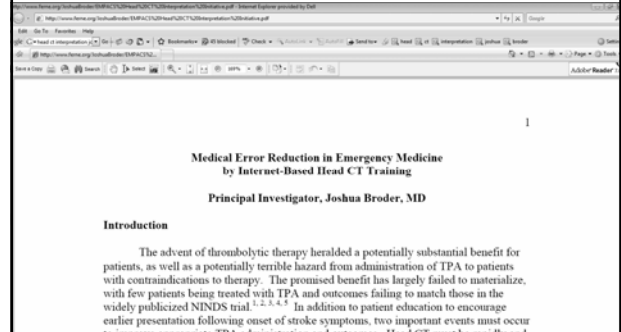
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- Up to \$5,000 grants
- Promote new research
- Help secure future funding
- Identify the support source
- Specific area of interest
- Available for all EM practitioners

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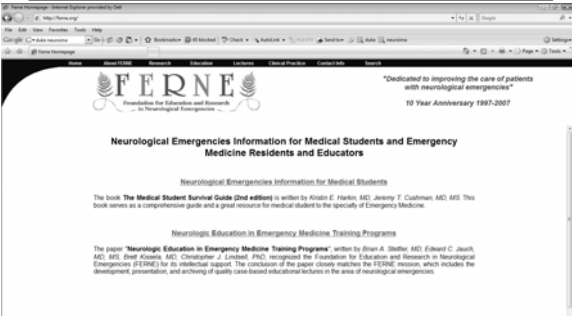


### Neurological Emergencies Education



The screenshot shows a presentation slide. The title is "Medical Error Reduction in Emergency Medicine by Internet-Based Head CT Training". The Principal Investigator is Joshua Broder, MD. The slide includes an introduction section.

### Neurological Emergencies Education



The screenshot shows the FERNE website's page for "Neurological Emergencies Information for Medical Students and Emergency Medicine Residents and Educators". It includes information about the "Medical Student Survival Guide" and "Neurologic Education in Emergency Medicine Training Programs".



www.ferne.org

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Introduction

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***Today's Educational Sessions***

- Initially funded by the FERNE endowment
- Coordinated with EMRA
- Thanks to
  - Michele Byers, Leah Stefanini
  - Andrew Zinkel, MD and the EMRA Board
- Support: Ortho-McNeil, EKR Therapeutics, Inc, The Medicines Company, and Laerdal Medical Corp.

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**2008 EMRA / FERNE Session:**  
**Documentation in the ED: Supporting Excellence in the Care of Patients with Neurological Emergencies**  
Tuesday, October 28, 2008 12:00pm – 1:00pm  
Hyatt Regency McCormick Room CC10BCDC



**2008 EMRA / FERNE Session:**

**Emergency Medicine Residency Simulation Education Competition: Sim Wars/Neurological Emergencies**

McCormick Place Convention Center, North Exhibit Hall 1:30 – 4:30pm  
Level 2 Rm N228

**Thank You**

- EMRA and its members
- The FERNE staff
- Heather Prendergast
- Our Sim experts
  - Andy Godwin, MD
  - Haru Okuda, MD
- Our speakers and panelists
- All of you

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***Thank you.***

**[www.ferne.org](http://www.ferne.org)  
[ferne@ferne.org](mailto:ferne@ferne.org)**

**[edsloan@uic.edu](mailto:edsloan@uic.edu)**



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