

Neuro-Critical Care in Emergency Medicine: Improving Outcomes on the Frontline

Overview: A one day conference to be held at the Mount Sinai Medical Center designed to provide emergency physicians detailed information on the latest diagnostic and management options available in managing the critically ill.

The format for the conference will be presentations mixed with interactive case scenarios. An audience response system will be used during the conference

Date: January 11, 2006

Goals:

1. To present an update on monitoring technologies as they apply to managing the critical patient with brain injury.
2. To present an update on acute stroke management
3. To present an update on managing CNS infectious diseases
4. To present an update on managing status epilepticus
5. To present an update on managing traumatic brain injury

Audience:

The conference program is designed for:

- Emergency medicine residents
- Practicing Emergency Physicians
- Nurse practitioners working in emergent care settings
- Physician Assistants working in emergent care settings

Faculty:

Andy Jagoda, MD, FACEP

Professor of Emergency Medicine, Mount Sinai School of Medicine, New York
Chair ACEP Clinical Policies Committee
Brain Trauma Foundation EMS Medical Director

Ed Sloan, MD, FACEP

Professor of Emergency Medicine, University Illinois at Chicago
Chair, ACEP Research Committee
President, Foundation for Education and Research in Neurologic Emergencies (FERNE)

Edward Jauch, MD, FACEP

Associate Professor of Emergency Medicine, University of Cincinnati
Co-director, Greater Cincinnati Stroke Team

Steve Huff, MD, FACEP

Associate Professor of Emergency Medicine, University of Virginia
Executive Board, FERNE

Scott Weingart, MD,

Assistant Professor of Emergency Medicine, Mount Sinai School of Medicine
Director, Emergency Department Critical Care Division

Neuro-Critical Care in Emergency Medicine: Improving Outcomes on the Frontline

Date: Wednesday, January 11, 2006

Time: 8:30 - 14:00

Place: 1425 Madison Avenue, 1st floor, Goldwurm Auditorium

Cost: Free to residents and faculty

7:30 - 8:00 Registration / Breakfast / Welcome

8:00 – 8:30 Time is Brain: Basis of brain injury and the Role of Emergency Medicine

Andy Jagoda, MD: Professor and Vice-Chair, Department of Emergency Medicine, Mount Sinai

8:30 - 9:20 Monitoring in the critically brain injured patient: the role of technologies

Scott Weingart, MD: Director of the Division of Critical Care, Mount Sinai Department of Emergency Medicine

- Oximetry and capnometry

- Cerebral blood flow

- CVP monitoring

- ICP monitoring

- Bispectral analysis and EEG

9:20 – 10:10 Status Epilepticus

Ed Sloan, MD: University of Illinois; President, FERNE; Epilepsy Foundation of American Status Epilepticus task force

- Differential diagnosis

- Diagnostic testing

- Initial stabilization

- Refractory disease

10:10 – 11:00 Stroke

Edward Jauch: University of Cincinnati

- Decision making in patients with TIA

- ED evaluation of stroke

- Acute stroke treatment options and use of biomarkers

- Managing hemorrhagic stroke

11:00 – 11:20 Break

11:20 – 12:10 CNS Infections

Steve Huff, MD, University of Virginia

- Clinical diagnosis

- Laboratory and imaging testing

- Therapeutic options

- Outcomes

12:10 – 13:00 Traumatic Brain Injury

Andy Jagoda, MD; Mount Sinai

- Prehospital management

- Airway controversies

- Managing elevated ICP

- Identifying complications

13:00 - 14:00 Lunch / Meet the faculty