

Dartmouth-Hitchcock Medical Center  
in cooperation with  
American College of Emergency Physicians  
New Hampshire Chapter

MANAGING



MEDICAL  
EMERGENCIES

*A Program For Physicians  
Working in Emergency Departments*

November 10, 2005

Frisbie Memorial Hospital  
Community Education & Conference Center  
Rochester, New Hampshire

*Dear Colleague,*

*Welcome back to the fall edition of **Managing Medical Emergencies**. With nationally recognized speakers coming from three different excellent institutions our current line up of seven topics is very exciting. The emphasis, as always, will be on clinical care in the ED, which you can take home and apply immediately. But, we are also continuing with our series of lectures on Risk Management and this time the lecture will be interactive with an audience participation system getting you even more involved. A super cadre of faculty has been assembled who are experts in Emergency Medicine and specialists in the areas being addressed.*

*The New Hampshire Chapter of the American College of Emergency Physicians will be holding a dinner, business meeting, and annual elections following the conference, and everyone is welcome to attend. There should also be plenty of networking time to spend with your colleagues and to learn what is new in the pharmaceutical industry from the companies supporting our conference.*

*The Managing Medical Emergencies series will, of course, continue with the spring conference to be held May 15, 2006 back at Dartmouth-Hitchcock Medical Center in Lebanon, New Hampshire. Mark your calendars now and join us there as well. The New Hampshire Chapter of the American College of Emergency Physicians' web site, [www.NHACEP.org](http://www.NHACEP.org), has the meeting schedule for the next several years. Thanks to all of you, and your support, this conference series remains a favorite with participants.*

*Please plan to join us for **Managing Medical Emergencies**. We look forward to seeing you at Frisbie Memorial Hospital Community Education & Conference Center in Rochester, New Hampshire, on November 10, 2005. Don't miss these lectures. They will improve your practice.*

*Robert Anthony, MD, FACEP, Program Co-Chair  
Reed Brozen, MD, FACEP, Program Co-Chair; Vice President, NH ACEP*

*The Dartmouth-Hitchcock Medical Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.*

## PROGRAM

8:00 Registration and Continental Breakfast

8:30 Opening Remarks and Introduction  
- Reed Brozen, MD

8:45 **Diagnosing and Managing Meningitis - The Current Paradigm.**  
This lecture will focus on both bacterial and viral meningitis and it will cover the initial approach to meningococcal sepsis. How far the work up of viral meningitis should proceed and how to decide on acyclovir use will be addressed. The epidemiology of bacterial meningitis for differing age groups and empiric antibiotic choices will be covered. The evidence on steroid use early in treatment will be presented. In addition, the diagnostic signs and symptoms of the subtle presentations will be discussed to help prevent us all from missing even a single case.  
- Scott Rodi, MD

9:40 **Clinical Research Update: What the DHMC ED has been up to.**  
This lecture will update you on the most recent Emergency Medicine research from DHMC. Areas of focus will include 1) a new fentanyl-based pain management scheme for adult trauma patients, 2) the results of a seatbelt survey analyzing the use and issues among drivers in New Hampshire and Vermont, and 3) how often the chest x-ray changes management among E.D. patients with a possible acute coronary syndrome.  
- Kevin Curtis, MD

10:35 Refreshment Break

11:00 **Changing Antibiotic Resistances in CAP: How to change your prescribing.**  
In the last five years there have been two major developments which impact on the outpatient management of community acquired pneumonia, as well as of other bacterial respiratory tract infections. These developments are: 1) the continued progression of antibiotic resistance, in particular in the pneumococcus; and 2) the licensure of several new antibiotics. This lecture will review the current status of antibiotic resistance in important respiratory tract pathogens; summarize pertinent information on important newer antibiotics; and discuss the implications of these developments for the OPD management of community acquired pneumonia. There will also be a critical analysis of the most recently published guidelines for the management of CAP.  
- Patty Hodge, MD

11:55 **Hypothermia.**  
This lecture will focus on the clinical management of hypothermia and selecting the most appropriate least invasive rewarming techniques as well as how to implement them. The differences in pediatric hypothermia will be covered as well as the evidence behind any decisions on who might be unrecoverable and should not be resuscitated. The special situation of cold water immersion and rapid cooling will be discussed. When does "core afterdrop" make a difference? Come find out.  
- Reed Brozen, MD

12:40 Lunch

1:30 **Turning Error into Opportunity.**  
Much has been written about the high prevalence of errors in medicine. Very little has been written about how to recognize, anticipate and avoid errors. The speaker will review cognitive strategies to reduce errors in emergency medicine using a case study format.  
- Michael Gibbs, MD

2:30 **From the ABCs to the XYZs of Head CTs.**  
This lecture will include a brief review of normal brain anatomy and will cover all of the common pathologic conditions found on head CT in the ED. Findings that are frequently misinterpreted will be discussed in detail as well as specific techniques to help the practitioner avoid these errors.  
- Andrew Perron, MD

4:00 Refreshment Break

4:10 **Changes in Trauma Resuscitation.**  
The knowledge base is changing and keeping up is difficult. This lecture will update you on the changes you need to make in trauma care and resuscitation. Where does the FAST scan fit into the trauma algorithm? Who should get further imaging and who should go straight to the OR? When is controlled hypotension preferable and how low should you go? Who needs a general surgeon before transfer to specialty care? What are the "standard" x-rays? Which are the best central lines? When do you stop resuscitation efforts on blunt trauma arrests? What do you need to know about the changing role of the interventional radiologists? Where should we deviate from ATLS? These are the types of questions that will be addressed.  
- Rajan Gupta, MD

5:10 Evaluation and Adjourn

5:30 Dinner NH ACEP Meeting to be held at The Governor's Inn in Rochester.  
(RSVP on registration form required.)

## OBJECTIVES

Using the information from this program, participants will be able to:

- demonstrate increased awareness of medical problems and treatments unique to the emergency department.
- learn to recognize the highest risk areas for error in their emergency department systems.
- learn how to implement systems that reduce error in their emergency departments.
- learn how to develop systems to report and analyze errors in a format that will promote participation and succeed.
- learn the key items not to miss on high risk head CTs and how to specifically interpret positive findings in these areas.
- understand how to pick antibiotics for specific disease states obtaining efficacy of treatment while minimizing the development of resistance in microorganisms.
- understand resistance patterns specific to community acquired pneumonias.
- understand which forms of meningitis are most likely and which empiric medications to start on separate patient populations as well as the most up to date adjunctive therapies including steroid use for meningitis patients.
- learn the most up to date data for taking care of all types of cold injury with a special emphasis on most appropriate techniques for rewarming hypothermic patients successfully in the least invasive ways appropriate.
- learn the most recent changes to trauma resuscitation care and how they should immediately change their practice to improve outcomes.

## INFORMATION

**DATE/TIME:** Thursday, November 10, 2005 ~ 8:00 a.m. - 5:30 p.m.

**PLACE:** Frisbie Memorial Hospital Community Education & Conference Center, Rochester, NH (Directions and parking information will be sent with your receipt.)


**AUDIENCE:** Physicians working in emergency departments.

**ACCREDITATION:** The Dartmouth-Hitchcock Medical Center designates this educational activity for a maximum of 7.25 category 1 credits toward the **AMA** Physician's Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity.

**REGISTRATION FEE:** \$95.00/person. This covers educational materials, refreshment breaks, and lunch. The deadline for registration is October 27, 2005. Space is limited. Register early.

**REFUNDS:** No refunds after Oct. 27. A \$15.00 fee will be retained on all refunds.

**FURTHER INFORMATION/SPECIAL NEEDS:** For registration information, *or if you have special needs because of a disability*, contact the Center for Continuing Education in the Health Sciences, Dartmouth-Hitchcock Medical Center, Lebanon, NH 03756-0001 - (603) 653-1526.

**\*PRIVACY OF INFORMATION:** If you do NOT want to be included on the conference participant list, please call 603-653-1526 and inform us. 

## GUEST FACULTY

### **MICHAEL GIBBS, MD, FACEP**

Associate Professor of Emergency Medicine  
University of Vermont, Burlington, VT  
Chief, Department of Emergency Medicine  
Maine Medical Center, Portland, ME

### **PATTY HODGE, MD**

Rochester Infectious Disease  
Frisbie Memorial Hospital, Rochester, NH

### **ANDREW PERRON, MD, FACEP, FACSM**

Associate Professor and Residency Program Director  
Department of Emergency Medicine  
Maine Medical Center, Portland, ME

## FACULTY

### **REED BROZEN, MD, FACEP, *Program Chair***

Associate Professor of Medicine (Emergency Medicine)^  
Staff Physician, Emergency Department\*  
Director, Air Transport\*

### **KEVIN CURTIS, MD**

Assistant Professor of Medicine (Emergency Medicine)^  
Research Director, Section of Emergency Medicine\*

### **RAJAN GUPTA, MD, FACS, FCCP**

Assistant Professor of Surgery^  
Division of Trauma and Acute Surgical Care\*

### **SCOTT RODI, MD**

Assistant Professor of Medicine (Emergency Medicine)^  
Staff Physician, Emergency Department\*

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^Dartmouth Medical School, Hanover, NH

\*Dartmouth-Hitchcock Medical Center, Lebanon, NH

**REGISTRATION FORM**

**Managing Medical Emergencies - November 10, 2005**  
**Frisbie Memorial Hospital Community Education & Conference Center,**  
**Rochester, NH**

\*Name \_\_\_\_\_

MD, DO Other \_\_\_\_\_

Daytime Phone \_\_\_\_\_ Email \_\_\_\_\_

Job Title \_\_\_\_\_

Place of Employment \_\_\_\_\_

Work Address \_\_\_\_\_

Mailing Address (if different than above) \_\_\_\_\_

Yes  No This is the first time I have attended this conference.

Yes  No I am a NH ACEP member.

Yes  No I plan to attend the NH ACEP Dinner Meeting.

**REGISTRATION FEE: \$95.00**

Please make check payable to CCE and return with this form to:  
Center for Continuing Education in the Health Sciences  
Dartmouth-Hitchcock Medical Center  
One Medical Center Drive  
Lebanon, New Hampshire 03756-0001

**THIS SECTION FOR CHARGE CARD PAYMENTS ONLY**

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