



2010

EMS

the heroes among us...

Conference

ROCHESTER, MINNESOTA



March 18-20, 2010

Mayo Civic Center

Thursday, March 18 - Pre-Conference

SCHEDULE

- 8:30 a.m. Registration & Refreshments
- 9:00 a.m. **Breakout sessions** (choose one)
- 12:00 p.m. Lunch is own your own
- 1:30 p.m. **Breakout sessions** (choose one)
- 4:30 p.m. Adjournment

BREAKOUT SESSIONS

"The Basic Airway-A Hands On Approach"

Jeff Schultz, NREMT-P, CCEMT-P — Mayo Clinic Medical Transport

This program will give the participant a deeper look into airway management and will include hands-on training with lungs and tracheas. We will be exploring all kinds of airways both basic and advanced and how they work. Airways can be difficult to handle, this hands-on review will help and may give you a better insight into airway management.

"Meth - The Equal-Opportunity Destroyer"

Inv. Dave Dyke — Fillmore County Sheriffs Office, SEMNGTF
Inv. Jen Dammen — Olmsted County Sheriffs Office, SEMNDF

This presentation will show you what meth may look like, how it is used and manufactured. The presentation will describe characteristics of people who are under the influence of methamphetamine and talk about the hazards that go along with properties that manufacture the drug.

"Off Road Rescue"

Tom Carpenter, NREMT-P — Gunderson Lutheran Medical Center

Not all EMS calls are to a house, business, or side of a road. We often care for patients in a ravine, wooded area, marsh, or side of a bluff. We need to utilize all of our resources to provide the best patient care in a timely manner. This presentation will show you how to prepare, train, and implement off-road rescues.

"Pediatric Case Presentations"

Mayo Clinic Team

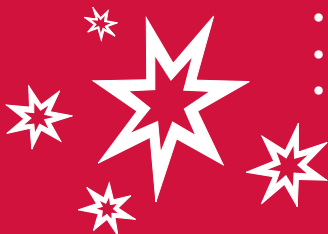
This educational session will be taught by a pediatric multidisciplinary team from Mayo Clinic consisting of physicians, nurses and respiratory therapists. Specific pediatric anatomic and physiological considerations will be identified with each case study. Initial assessment and management skills for pediatric case presentations on trauma, respiratory emergencies, overdose (accidental ingestion) and new born delivery.

Friday, March 19

SCHEDULE

- 7:30 a.m. Registration & Refreshments
- 7:45 a.m. Welcome. Review Schedule for Day
- 8:00 a.m. **General Presentation** - Dr. Donald Jenkins – “Mechanism of Injury and Trauma Resuscitation”
- 9:00 a.m. **Breakout Sessions**
— “Crew Resource Management”
— “Case Studies in OB Emergencies”
— “Crisis Intervention Team”
- 10:00 a.m. Refreshment Break & Exhibit Area Open
- 10:30 a.m. **Breakout Sessions** (repeat 9:00 a.m. sessions)
- 11:30 a.m. Lunch and Exhibit Open
- 12:30 p.m. **General Session** – Jeff Schultz, NREMT-P, CCEMT-P – “Cardiology Technology -A Basic Look at the Quality of CPR”
- 1:30 p.m. **Breakout Sessions** (NEW breakouts)
— “Prescription and Over the Counter Drugs. What an EMT Needs to Know”
— “Developing Poise in the Plant World, A Primer on Wildland Plants that Can Cause You Grief”
— “Beat Goes On: Cardiovascular Emergencies”
- 2:30 p.m. Refreshment Break & Exhibit Area Open
- 2:45 p.m. **Breakout Sessions** (repeat of 1:30 p.m. sessions)
- 3:45 p.m. **General Session** – Dr. Edward T. Creagan – “How to Survive the Stress of Medicine in the 21st Century: Proven Insider Tips to go the Distance”
- 4:45 p.m. Adjournment

Food and Fun Night!



- EMS Trivia
- Family Feud
- Other fun events!!

Exhibit Hall, Mayo Civic Center
Friday, March 19,
Starting at 6:00 p.m.

GENERAL SESSIONS

8:00 a.m.

“Mechanism of Injury and Trauma Resuscitation”

Donald Jenkins, MD, Senior Associate Consultant Division of Trauma, Critical Care and General Surgery, Mayo Clinic

Mechanism of injury in trauma can be predictive of the specific type and severity of injury sustained. Resuscitation of trauma victims, based on physiologic response to injury, is independent of the mechanism.

The endpoints of resuscitation cannot be achieved without definitive hemorrhage control in certain subsets of patients; the mechanism of injury may dictate what intervention is needed and method of hemorrhage control is the link between mechanism and successful resuscitation.

12:30 p.m.

“Cardiology Technology- A Basic Look at the Quality of CPR”

Jeff Schultz, NREMT-P, CCEMT-P, Mayo Clinic Medical Transport

Performing quality CPR is an important factor in the survival of the pre-hospital cardiac arrest patient. We will be looking at the pathophysiology of CPR and the devices that are available to help EMS personnel perform better quality CPR.

3:45 p.m.

“How to Survive the Stress of Medicine in the 21st Century: Proven Insider Tips to go the Distance”

Edward T. Creagan, MD, Rouse Professor of Humanism of Medicine, Professor, Mayo Clinic College of Medicine

In an engaging and humorous manner, Dr. Creagan, Professor of oncology and board certified in medical oncology and hospice medicine and palliative care, will share the frequency of medical burnout, why this pandemic is occurring now and what we can do to create meaningful and durable careers. With 33 years of clinical experience, Dr. Creagan has learned the key tactics of professional survival.

BREAKOUT SESSIONS 9:00 & 10:30 a.m.

“Crew Resource Management”

Jeff Schultz, NREMT-P, CCEMT-P

This program is to develop better communication within the team environment. By doing so you decrease errors in patient care. This class will highlight and give the students tools to deal with conflict management on scene. Quality patient care is our main objective within EMS.

“Case Studies in OB Emergencies”

Becky Walkes, RN, OB Manager

Presentation focuses on those unexpected type of emergency OB situations that pre-hospital providers encounter in the field and how they should manage situation until they can get Mom to hospital.

“Crisis Intervention Team Familiarization Training”

Megan Vogel, MA, Forensic Social Worker (chemical & mental health)

Carla Hamand, LGSW, Forensic Social Worker

Sgt. Tom Kaase, Crisis Intervention Team, Rochester Police Department

The purpose of the training will be to familiarize attendees on the aspects of Crisis Intervention Training (CIT). The areas covered will include what is CIT, including the origin, why it started, and basic concepts and how CIT works and benefits of its use. We will also discuss the application of CIT techniques in the field and what's expected of non-CIT officers or other first responders in CIT situations. Video examples and open discussions will also be included.

BREAKOUT SESSIONS 1:30 & 2:45 p.m.

“Prescription and Over-the-Counter Drugs. What an EMT needs to know”

Christopher Arendt, PharmD., Pharmacotherapy Coordinator, Mayo Clinic

Medications have allowed us to live longer, reduced disease, and improve our quality of life, but they come with a price. Come discover the unique interactions and adverse effects when medications don't play nice together. We will cover immediate patient care needs and discuss some of the interventions necessary to save a life or reduce the harm these drugs can cause. We will discuss multiple herbals and over-the-counter medications too.

“Developing Poise in the Plant World, A Primer on Wildland Plants that Can Cause You Grief”

Warren Netherton, Cave Specialist and Interpretive Supervisor, Forestville/Mystery Cave State Park

EMS never takes a vacation and often times we are asked to give advice on treating fellow vacationers when we are away from the “office”. This talk discusses troublesome plants that are found in local parks, forests, and roadsides. Examples will be shown of what to avoid and what not to worry about.

“Beat Goes On: Cardiovascular Emergencies”

DeAnn Lichte, RN

Ever been challenged in making your initial assessment of a cardiac patient? Presenter focuses on those critical minutes on scene and how to decide whether to call for an ALS intercept. Learn how to differentiate between an asthma attack, a COPD exacerbation, and acute heart attack. This presentation will give you new confidence in managing these type of patients.

Saturday, March 20

SCHEDULE

- 7:30 a.m. Registration & Refreshments
- 7:45 a.m. Welcome. Review Schedule for Day
- 8:00 a.m. **General Presentation** – “Weird Trauma Cases”
– Joe Jensen, RN, EMT-P
- 9:00 a.m. **Breakout Sessions**
– “Tazer Injuries”
– “Extremity Trauma”
– “Emergency Preparedness: The Unique Needs of Persons with Spinal Cord Injury”
- 10:00 a.m. Refreshment Break & Exhibit Area Open
- 10:30 a.m. **Breakout Sessions** (repeat of 9:00 a.m. sessions)
- 11:30 a.m. Lunch & Exhibit Area Open
- 12:30 p.m. EMS Tribute
- 12:45 p.m. **General Session** – “Body Piercing with Complications of Packaging and Trauma” – Robert Treague, MBO, NREMT-P
- 1:45 p.m. **Breakout Sessions**
– “Pediatric Trauma”
– “Ethics and Patient Advocacy in EMS”
– “Fight or Flight: How To Do Self Care”
- 2:45 p.m. Refreshment Break & Exhibit Area Open
- 3:00 p.m. **Breakout Sessions** (repeat of 1:45 p.m. sessions)
- 4:00 p.m. General Session – Robert Treague, MBO, NREMT-P
- 5:00 p.m. Adjournment

GENERAL SESSIONS

8:00 a.m.

“Weird Trauma Cases”

Joe Jensen, RN, EMT-P, Staff Nurse, Regions Hospital Burn Center, EMS Instructor, Regions Hospital EMS

“NOBODY has seen everything in EMS, but here are some case studies that should challenge both assessment and treatment skills”.

12:45 p.m.

“Body Piercing with Complications of Packaging and Trauma”

Robert Treague, MBO, NREMT-P, HCMC EMS Education, EMS Education Consultant

Where ever there is “skin” people are pinning on a decoration. Learn how that can impact packaging and transportation of injured patient.

4:00 p.m.

General Session

Robert Treague, MBO, NREMT-P

BREAKOUT SESSIONS 9:00 & 10:30 a.m.

“Tazer Usage”

Robert Treague, MBO, NREMT-P, HCMC EMS Education, EMS Education Consultant

Are tazers an asset for managing behavior or are they killing people? Voltage versus amps. Safe tool or a dangerous weapon. What does the research say?

“Extremity Trauma”

Jeff Schultz, NREMT-P, CCEMT-P, Mayo Clinic Medical Transport

A discussion on extremity injuries and how to properly access them and treat them will take place. Having a better understanding of this type of trauma will give you better insight when treating these patients.

“Emergency Preparedness: The Unique Needs of Persons with Spinal Cord Injury”

*Lisa Beck MS, RN, CNS, CRRN, Clinical Nurse Specialist, Mayo Clinic
Angela Luckhardt, RN, MSN, Nursing Rehabilitation, Mayo Clinic*

This presentation will review various functional abilities and immediate needs of persons with a spinal cord injury when a disaster occurs. Lessons learned by previous catastrophic events will help local EMS providers identify how and where to evacuate persons with spinal cord injury and other disabilities. A case example of a gentleman with paraplegia will demonstrate the process of emergency preparedness, evacuation, shelter and recovery from a house fire.

BREAKOUT SESSIONS 1:45 & 3:00 p.m.

"Ethics and Patient Advocacy in EMS"

Jon Lane, EMT-P, North Memorial Ambulance

A frank discussion about different patient care philosophies and how they impact patients, their families and EMS providers.

"Fight or Flight: How to Do Self Care"

Maisha Robinson, MD

"Pediatric Trauma"

*Joe Jensen, RN, EMT-P, Staff Nurse, Regions Hospital Burn Center
EMS Instructor, Regions Hospital EMS*

Children are small, precious and can steal our hearts. They can also present some of the most extraordinary possibilities for providing emergent care. We will look at strategies for assessment and treatment of these special patients including some case reviews.



FACULTY

Christopher Arendt, PharmD.

Pharmacotherapy Coordinator,
Pharmacy Services-Surgery,
Mayo Clinic

Lisa Beck MS, RN, CNS, CRRN

Clinical Nurse Specialist, Spinal Cord
Injury Program, Department of Physical
Medicine & Rehabilitation, Mayo Clinic

Tom Carpenter, NREMT-P

Gunderson Lutheran Medical Center

Edward Creagan, MD

American Cancer Society Professor
of Clinical Oncology, Rouse Professor
of Humanism of Medicine, Professor,
Mayo Clinic College of Medicine

Inv. Jen Dammen

Olmsted County Sheriff's Office,
SE Minnesota Drug Task Force

Inv. Dave Dyke

Fillmore County Sheriff's Office,
SE Minnesota Drug Task Force

Carla Hamand, LGSW

Forensic Social Worker, Olmsted
County Jail Diversion and Re-Entry

Donald Jenkins, MD

Senior Associate Consultant, Division
of Trauma, Critical Care & General
Surgery, Mayo Clinic

Joe Jensen, RN, EMT-P

Staff Nurse, Regions Hospital Burn
Center, EMS Instructor, Regions
Hospital EMS

Sgt. Tom Kaase

Crisis Intervention Team, Rochester
Police Department

Jon Lane, EMT-P

North Memorial Ambulance

DeAnn Lichte, RN

Emergency Department, Mayo Clinic

Angela Luckhardt, RN, MSN

Nursing Rehabilitation, Mayo Clinic

Warren Netherton

Cave Specialist & Interpretive
Supervisor, Forestville/Mystery Cave
State Park

Maisha Robinson, MD

Mayo Clinic

Jeff Schultz, NREMT-P, CCEMT-P

Mayo Clinic Medical Transport

Robert Treague, MBO, NREMT-P

HCMC EMS Education, EMS
Education Consultant

Megan Vogel, MA

Forensic Social Worker, Olmsted
County Adult Detention Center

Becky Walkes, RN

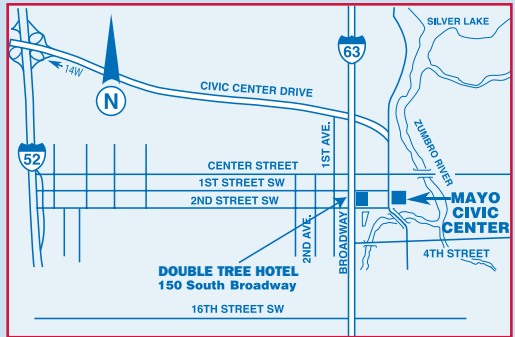
Department of Nursing
OB Manager, Mayo Clinic

SITE: Thursday, March 18, Friday, March 19 & Saturday, March 20, 2010
Mayo Civic Center, 30 Civic Center Drive SE, Rochester, MN

ACCREDITATION: Programs have been designed to meet the continuing education requirements for six contact hours for Thursday, seven contact hours each for Friday and Saturday (20 total three-day Conference) for EMT's, peace officers and nurses.

ACCOMMODATIONS: DoubleTree Hotel, 150 South Broadway, is offering Conference participants a discounted room rate of \$89(SGL or DBL) plus tax and a daily reduced charge for parking in the city-parking ramp connected to the hotel.

Amenities include free high-speed Internet access, voicemail, ironing board and in-room coffee maker; swimming pool, sauna, whirlpool and exercise room. The hotel features one restaurant. It is connected by a climate-controlled skyway to the Mayo Civic Center. For reservations, please call 507-281-8000. Guests paying by check must pay one night's deposit plus \$30 phone deposit upon check-in. Unused phone deposit will be refunded upon departure. Refer to the Southeast Minnesota Emergency Medical Services Conference to receive the special discounted rate. **Room reservations must be made by February 24, 2010.**



REGISTRATION: Pre-Conference registration is \$40 for each session or \$70 for both sessions. Conference registration fee for EACH day is \$70 before February 12, \$90 before March 5 or \$125 after March 5 or AT THE DOOR. No confirmation letters will be sent. Registrant will only receive notice if Conference is FILLED. Deadline for pre-registration is March 5. NO REFUNDS AFTER THIS DATE. There is a \$15.00 processing fee for cancellations before the deadline.

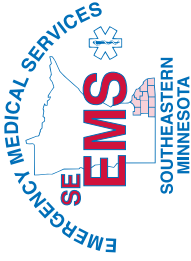
Registration fees for all events include refreshment breaks, lunch (excluding pre-conference), continuing education certificates, and all program materials. Make check payable to SE Minnesota EMS and mail with registration form to: SE Minnesota EMS, 1130 1/2 7th Street NW, Rochester, MN 55901.

SUBSTITUTIONS: In the event of an emergency, Southeast MN EMS reserves the right to substitute an equally-qualified speaker.

Cancellations, Substitutions, Walk-ins: Cancellations after March 5 or non-attendance are subject to the entire Conference fee. Substitutions may be made on the Conference day at the Walk-ins registration area. Walk-ins must report to the designated registration area with payment (check or purchase order) in the amount of \$125 per Conference day..

INCLEMENT WEATHER: The conference will be held regardless of weather conditions. No refunds will be given for those unable to attend.

For more information on program or accommodations, call 507.536.9333 or 1.800.850.3397.



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Conference

the heroes among us...

2010 EMS

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