



Children's Hospital  
Colorado

# Emergency & Trauma OUTREACH SYMPOSIUM BILLINGS, MT

## Overview

This symposium offers physicians, nurses, pre-hospital providers and other healthcare team members the latest guidelines for pediatric practice through patient-centered presentations and hands-on skills training.

## Continuing Education

A certificate of attendance will be available at the end of the symposium upon completion of the online evaluation. Claim only those hours attended.

**Medical:** Children's Hospital Colorado is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Children's Hospital Colorado designates this live activity for a maximum of 12.5 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity (6.25 hours per day).

**Nursing:** Children's Hospital Colorado is an approved provider of continuing nursing education by the Western Multi-State Division, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

This educational activity for 12.5 contact hours is provided by Children's Hospital Colorado (6.25 hours per day).

**EMS:** Children's Hospital Colorado is a State of Colorado recognized EMS Training Group (CO-049) and will provide 12.5 continuing education credits for all pre-hospital providers.

**Other:** A general certificate of attendance will be provided for all other healthcare providers.

## August 27-28, 2015

Thursday & Friday  
8:00 am - 4:30 pm

## St. Vincent Healthcare - Mansfield Building

1233 North 30th Street | Billings, MT 59101  
(406) 657-7000

## Objectives

Upon completion of this symposium, participants should be able to:

- Discuss pediatric-specific patient assessment and various pediatric responses to illness and trauma.
- Identify appropriate pediatric pain assessment tools.
- Discuss pain relief modalities.
- Construct a model for pediatric response to shock and pediatric resuscitation techniques.
- Define common respiratory conditions in children and those requiring emergent intervention.
- Discuss methods utilized to calculate the Total Body Surface Area of a burn wound.
- Differentiate between the depths of burn wounds.
- Identify pediatric burn injuries that are due to non-accidental trauma.
- Describe pediatric neurological compromise due to injury and appropriate interventions.
- Illustrate the developmental, anatomic and physiologic characteristics of a child with a traumatic injury and/or burn wound.
- Define appropriate return to play guidelines.
- Differentiate between types and causes of abdominal pain in children.
- Describe different imaging methods for diagnosing abdominal pain.
- Illustrate the importance of obtaining an accurate history in the diagnosis of abuse and neglect.
- Recognize presentations of serious child abuse injury.
- Describe the different modes of ventilation used in the pediatric population.
- Discuss initial pediatric stabilization measures and transport decisions when resources are limited and transport times are prolonged.
- Identify the methods used to diagnose brain death in pediatrics.
- Identify the need for providers to image gently in pediatrics.
- Discuss appropriate imaging algorithms in pediatric trauma and suspected abuse cases.
- Define shock for several etiologies.
- Identify presenting signs/symptoms of shock in the pediatric population.
- Review details and importance of quality pediatric cardiopulmonary resuscitation.
- Discuss some of the common errors made during pediatric cardiopulmonary resuscitation and strategies employed to avoid such errors.

IN  
COLLABORATION  
WITH



# Emergency & Trauma Outreach Symposium

## SCHEDULE

### Thursday, August 27, 2015

- 7:30 am** Sign-in  
**8:00** Welcome and Opening Remarks  
**8:15** **Pediatric Burn Care - NAT**  
*Steven Moulton, MD\**  
**9:00** **Burn Wound Care**  
*Ashley Banks, BSN RN\**  
**9:45** Break  
**10:00** **Pediatric Assessment**  
*Ashley Balakas, BSN RN CPEN\**  
**10:45** **Abdominal Pain in Children**  
*Nidhya Navanandan, MD\**  
**11:30** Lunch  
**12:30 pm** **Pediatric Resuscitation**  
*Maria Mandt, MD\**  
**1:15** **Sepsis and Shock**  
*Cameron Gunville, MD\**  
**2:00** Break  
**2:15** **Head Trauma - ICP Monitoring and Management**  
*Brent O'Neill, MD\**  
**3:00** **Pediatric Ventilation**  
*Brian Jackson, MD\**  
**3:45-4:00** Evaluation

\* Faculty from University of Colorado School of Medicine and Children's Hospital Colorado

### Friday, August 28, 2015

- 7:30 am** Sign-in  
**8:00** Welcome and Opening Remarks  
**8:15** **Pain Management**  
*Patrick Mahar, MD\**  
**9:00** **Apparent Life-Threatening Events (ALTE)**  
*Nidhya Navanandan, MD\**  
**9:45** Break  
**10:00** **Concussion and Return to Play**  
*Brent O'Neill, MD\**  
**10:45** **Tranport Considerations**  
*Maria Mandt, MD\**  
**11:30** Lunch  
**12:30 pm** **End of Life Care**  
*Brian Jackson, MD\**  
**1:15** **Pediatric Radiography**  
*Kari Hayes, MD\**  
**2:00** Break  
**2:15** **Respiratory Emergencies**  
*Cameron Gunville, MD\**  
**3:00** **Trauma/ED Case Studies**  
*Patrick Mahar, MD\**  
**3:45-4:00** Evaluation and Adjourn

## ACCOMMODATIONS



### Residence Inn by Marriott

956 South 25th Street West (Behind Home Depot)  
Billings, MT 59102  
(406) 656-3900

Call for group rates and room availability. State that you are attending the Emergency and Trauma Outreach Symposium.

## REGISTRATION

Physicians \$95/day or  
\$125 both days

Others \$75/day or  
\$100 both days

Register at  
[www.childrenscolorado.org/ce](http://www.childrenscolorado.org/ce)

### Further Information

If you have any questions or need to request arrangements to accommodate a disability, please contact us:  
720-777-6784  
[emergency.outreach@childrenscolorado.org](mailto:emergency.outreach@childrenscolorado.org)



Children's Hospital Colorado

13123 East 16th Avenue | Aurora, Colorado 80045  
[childrenscolorado.org](http://childrenscolorado.org)