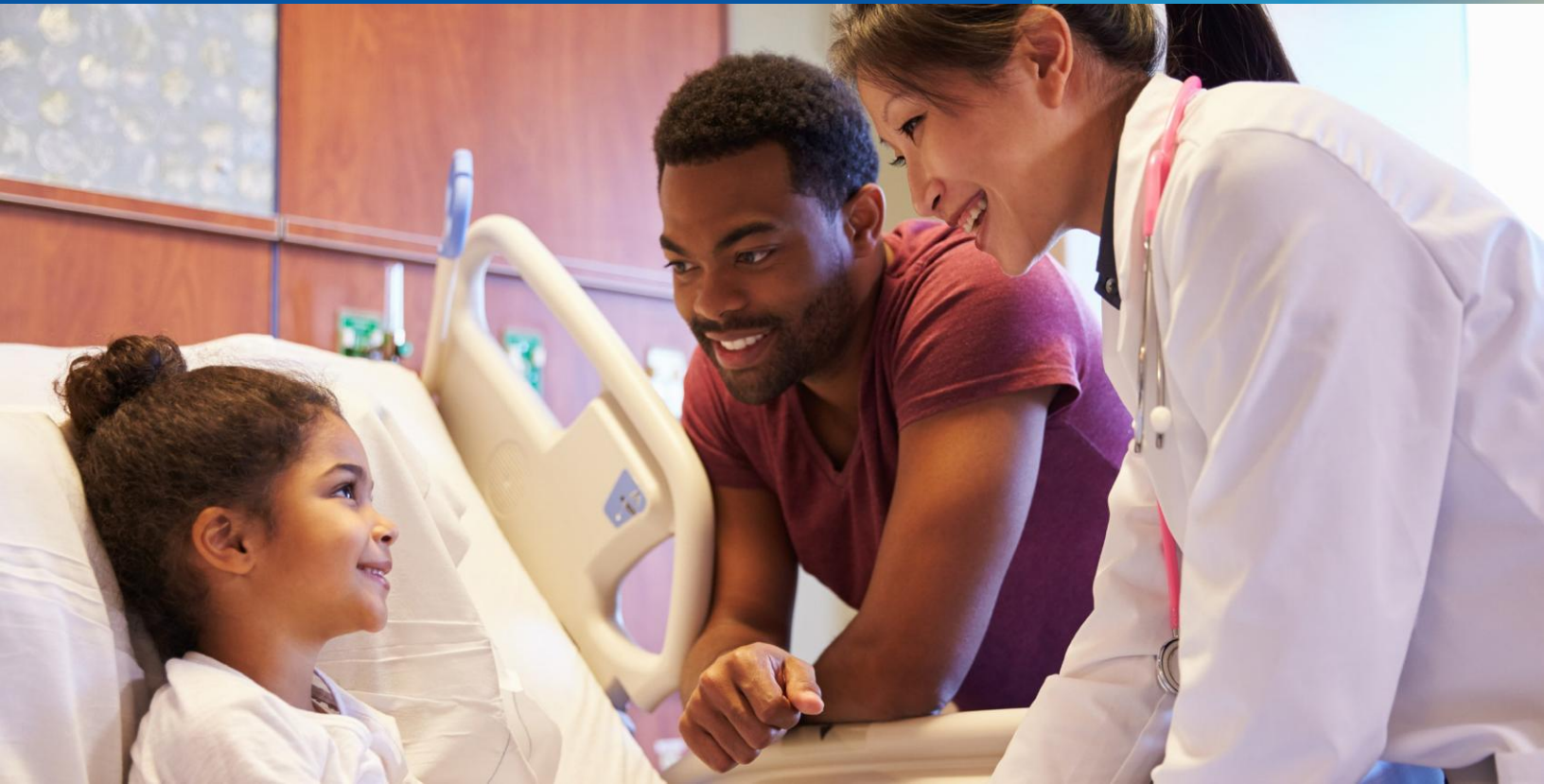


FUNDAMENTAL CRITICAL CARE SUPPORT: **PEDIATRICS**

Society of
Critical Care Medicine
The Intensive Care Professionals



November 3-4, 2026

UCHealth Medical Center of the Rockies

2500 Rocky Mountain Avenue | Loveland, Colorado 80538

Pavilion Conference Room 1

Provided by

Children's Hospital Colorado Outreach and Education

In collaboration with

UCHealth Medical Center of the Rockies



Children's Hospital Colorado



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University of Colorado
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Overview, Target Audience, and Learner Outcome

Ensure that you are prepared to save the life of a child by participating in a Fundamental Critical Care Support: Pediatrics (FCCSP) Course. This 2-day course combines expert-developed lectures with hands-on skill stations to provide healthcare professionals at all levels, including non-intensivists, with the training they need to manage critically ill or injured pediatric patients for the first 24 hours or until appropriate critical care consultation can be arranged. This evidence-based curriculum was developed by the Society of Critical Care Medicine.

This course is for interdisciplinary healthcare team members including physicians, nurses, respiratory therapists and EMS professionals.

As a result of this course, learners will:

- Demonstrate increased knowledge related to the care of critically ill pediatric patients by achieving an average of >70 % on a posttest.
- Demonstrate improved clinical competence and confidence by performing selected hands-on skills specific to caring for critically ill pediatric patients.

Learning Objectives

- Discuss knowledge of the signs and symptoms of an unstable airway and respiratory failure.
- Summarize management principles of acute respiratory failure.
- Describe the characteristics of different types of breaths and modes of mechanical ventilation (noninvasive and invasive).
- Review the various categories of shock and sepsis, emphasizing early detection and rapid intervention.
- Describe the management of children with cardiopulmonary deficiency, including the initial assessment and importance of rapid detection and intervention.
- Describe the indications for initiation of mechanical ventilation.
- Summarize the diagnosis, pathophysiology, and treatment of children with upper and lower airway disease.
- Describe communication process for safe transport of the critically ill child.
- Identify anatomic, physiologic, and mechanistic issues in trauma including the ABCDE approach to resuscitation.
- Describe the unique anatomic and physiologic differences between pediatric and adult patients to identify critically ill children.
- Review a framework for potential invasive device complications.
- Review specific management principles and options for common neurologic emergencies.
- Discuss basic concepts of maintenance of intravascular fluid homeostasis.
- Describe the unique features of the pediatric population that make them particularly vulnerable during disasters.
- Identify the indications, risk factors, and level of monitoring needed for pediatric patients undergoing procedural sedation and describe the differences among mild, moderate, and deep sedation.
- Describe the effects of anesthesia on the patient during postoperative period.
- Demonstrate the DIRECT methodology to provide care to a complex patient case using the knowledge and skills obtained during the course.

Registration

Registration fee: \$250/person

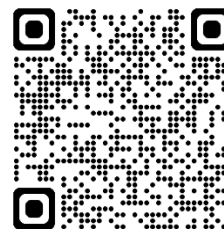
Registration Deadline: September 30, 2026

Register [here](#) or scan the QR code.

Required Course Preparation

- This course includes a required pre-test and post-test to obtain SCCM certification.
- Approximately 4 weeks before the course, you will receive an email from hostedtraining@sccm.org titled "Enrollment in SCCM's LearnICU Classroom". The link allows you access to the FCCSP e-book, course slides and pre-test.
 - You must complete the pre-test prior to attending the course
- If you need assistance logging into the SCCM portal, please contact SCCM customer service at support@sccm.org or 1-847-827-6888 Monday through Friday between 8am to 5pm central time.

For additional information related to this course contact: nicole.shonka@childrenscolorado.org



Day 1: November 3, 2026

Time	Activity	
7:45 - 8:00 a.m.	Sign-In	
8:00 - 8:15	Welcome, Course Announcements, and FCCS: Pediatrics Overview	
8:15 - 8:45	Assessment of the Critically ill Child Objective: Describe the unique anatomic and physiologic differences between pediatric and adult patients to identify critically ill children.	
8:45 - 9:30	Airway Management Objective: Discuss knowledge of the signs and symptoms of an unstable airway and respiratory failure.	
9:30 - 10:15	Mechanical Ventilation Objectives: Summarize management principles of acute respiratory failure. Describe the characteristics of different types of breaths and modes of mechanical ventilation (noninvasive and invasive).	
10:15 - 10:30	Break	
10:30 - 11:15	Management and Diagnosis of Shock Objective: Review the various categories of shock, emphasizing early detection and rapid intervention.	
11:15 a.m. - 12:15 p.m.	Skill Stations	A. Cardiopulmonary Dysfunction Objective: Describe the management of children with cardiopulmonary deficiency, including the initial assessment and importance of rapid detection and intervention B. Mechanical Ventilation Objectives: Describe the indications for initiation of mechanical ventilation. Modify the ventilator prescription in response to patient data. Assemble the equipment and practice noninvasive positive-pressure ventilation.
12:15 - 1:00	Lunch	
1:00 - 2:00	Repeat skill stations	
2:00 - 2:30	Diagnosis & Management of the Child with Acute Upper and Lower Airway Disease Objective: Summarize the diagnosis, pathophysiology, and treatment of children with upper and lower airway disease.	
2:30 - 3:00	Trauma Objective: Identify anatomic, physiologic, and mechanistic issues in trauma. Apply the ABCDE approach to resuscitation.	
3:00 - 3:15	Break	
3:15 - 4:00	Skill Stations	A. Transport Objective: Use case-based scenario to discuss factors that influence team composition and mode of transport. Identify problems or complications that can occur during transport. B. Radiology and Invasive Devices Objective: Review a framework for potential invasive device complications. Use case-based scenarios to discuss appropriate assessment and management of patients.
4:00 - 4:45	Repeat skill stations	
4:45 - 5:00	Recap Day 1	
5:00	Adjourn	

Day 2: November 4, 2026

Time	Activity	
8:00 - 8:15 a.m.	Review of Pretest/Recap Points from Previous Day	
8:15 - 9:00	Neurologic Emergencies <u>Objective:</u> Review specific management principles and options for common neurologic emergencies.	
9:00 - 9:45	Fluids, Electrolytes, and Metabolic Derangements <u>Objective:</u> Discuss basic concepts of maintenance of intravascular fluid homeostasis. Discuss common electrolyte disturbances, and their recognition and management.	
9:45 - 10:00	Break	
10:00 - 10:30	Postoperative Management <u>Objective:</u> Describe the effects of anesthesia on the patient during postoperative period. Recognize and manage common postoperative complications.	
10:30 - 11:00	Sedation, Analgesia, and Neuromuscular Blockade <u>Objective:</u> Identify risks and level of monitoring for procedural sedation. Explain the benefits and side effects of analgesics, sedatives, and neuromuscular agents.	
11:00 - 11:45	Skill Stations	Sedation <u>Objective:</u> Identify the indications, risk factors, and level of monitoring needed for pediatric patients undergoing procedural sedation, and describe the differences among mild, moderate, and deep sedation <i>Same skill stations running concurrently.</i>
11:45 a.m. - 12:30 p.m.	Lunch	
12:30 - 1:00	Pediatric Emergency Preparedness <u>Objective:</u> Describe the unique features of the pediatric population that make them particularly vulnerable during disasters.	
1:00 - 1:05	Break	
1:05 - 2:05	Skill Stations	A. Integrative Scenarios <u>Objective:</u> Demonstrate the DIRECT methodology to provide care to a complex patient case using the knowledge and skills obtained during the course. B. Integrative Scenarios <u>Objective:</u> Demonstrate the DIRECT methodology to provide care to a complex patient case using the knowledge and skills obtained during the course.
2:05 - 3:05	Repeat skill stations	
3:05 - 3:20	Recap of Day 2 and Evaluation	
3:20	Adjourn	

Continuing Education Credit

Registration, attendance, posttest. and submission of the **evaluation**, including a written response to questions related to any change in practice that you may make as a result of learning that took place at this activity, are required for successful completion and receipt of the certificate of attendance. Claim only those hours you attend.

Nursing

Children's Hospital Colorado is approved with distinction as a provider of nursing continuing professional development by Colorado Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. This educational activity for 13.75 nursing contact hour(s) is provided by Children's Hospital Colorado.

EMS

Children's Hospital Colorado is a State of Colorado recognized EMS Training Group (CO-049) and will provide 13.75 continuing education credit(s) for all pre-hospital providers.

Others

A certificate of attendance will be provided upon completion of this course.

Disclosure

Planners, faculty, and others in control of content (either individually or as a group) have no relevant financial relationships with ineligible companies.

Faculty and Planning Committee

Brian M. Jackson, MD, MA, HEC-C

Associate Professor, Pediatrics-Critical Care
Co-Director, Bioethics and Humanities Trail
University of Colorado School of Medicine
Medical Director of Clinical Ethics
President-Elect of the Medical Staff
Children's One PICU Medical Director
Pediatric Intensivist
Children's Hospital Colorado

Kristen Haberer, RN, BSN, CCRN

Clinical Nurse Manager
Surgical Intensive Care Unit
Critical Care Outreach
Medical Center of the Rockies

Cindy Joseph, BSN, RN, CFRN, CPEN

Trauma Outreach/Education Program Manager
Trauma Services, North Region
UCHealth

Mary McNutt, MSN, RN, CCRN

Critical Care Resource Nurse
Medical Center of the Rockies

Tad Miya, MD

Assistant Professor, Pediatrics
University of Colorado School of Medicine
Pediatric Intensivist
Children's Hospital Colorado, Colorado Springs

Kelly Reichert, MS, RN, CCRN, NPD-BC

Professional Development Specialist
Professional Development
Children's Hospital Colorado

Nicki Shonka, MS, RN, NPD-BC, CPN

Clinical Education Outreach Program Director
Professional Development
Children's Hospital Colorado

Michael Wittkamp, MD, FAAP

Associate Professor, Pediatric Critical Care Medicine
Executive Faculty Director, Southern Region Department of Pediatrics
University of Colorado School of Medicine
Pediatric Intensivist
Children's Hospital Colorado, Colorado Springs