



University of Iowa  
Stead Family  
Children's Hospital

## Pediatric Fundamental Critical Care Support (PFCCS)

May 26-27, 2022



University of Iowa Hospitals and Clinics (UIHC)  
Emergency Medicine Service Learning Resource Center (EMSLRC)  
Room 605, General Hospital (GH)  
200 Hawkins Drive, Iowa City, IA 52242

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### Course Description

Pediatric Fundamental Critical Care Support (PFCCS) Provider Course is a major resource for those interested in developing or refreshing their skills regarding the recognition of critical illnesses in children and the initiation of life-saving interventions for the critically ill pediatric patient. It will also serve as a valuable education tool for those in the fields of transport medicine, emergency medicine, pediatric hospital medicine, and pediatric critical care.

### Target Audience

Physicians including residents and fellows, advanced nurses, physician assistants, transport personnel, bedside nurses, respiratory therapists, and other healthcare professionals involved in the care of critically ill children or the monitoring of children who could become critically ill.

### Purpose

- To prepare referring healthcare providers for the first hours of assessment and resuscitation of critically ill pediatric patients, until transfer or other critical care consultation is obtained.
- To prepare general pediatric providers to manage the acute deterioration of critically ill pediatric patients until PICU transfer or other critical care consultation is obtained.
- To prepare pediatric, emergency medicine, and surgical house staff for pediatric critical care medicine rotations.

### Objectives

Upon completion of this course, the participant should be able to:

- Recognize and initiate management of acute, life-threatening conditions.
- Prioritize assessment needs for the critically ill or injured infant or child.
- Select appropriate diagnostic tests.
- Respond to significant changes in the unstable pediatric patient.
- Determine the need for expert consultation and/or patient transfer and the optimal methodology accomplishing patient transfer.

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## PFCCS Course Director



**Cody Tigges, DO**  
Clinical Associate Professor  
Division of Pediatric Critical Care  
UI Stead Family Children's Hospital

## PFCCS Course Co-Director



**Mitch Luangrath, MD, MPH**  
Clinical Assistant Professor  
Division of Pediatric Critical Care  
UI Stead Family Children's Hospital

## UI Stead Family Department of Pediatrics - Division of Critical Care Faculty

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**Aditya Badheka, MBBS, MS**  
Clinical Associate Professor  
Medical Director, PICU and Pediatric ECMO  
Division of Pediatric Critical Care  
UI Stead Family Children's Hospital

**Madhu Chegondi, MD**  
Clinical Associate Professor  
Division of Pediatric Critical Care  
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**Elizabeth Newell, MD**  
Assistant Professor  
Division of Pediatric Critical Care  
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**Shilpa Balikai, DO**  
Clinical Associate Professor  
Division of Pediatric Critical Care  
UI Stead Family Children's Hospital

**Christina Cifra, MD**  
Clinical Associate Professor  
Division of Pediatric Critical Care  
UI Stead Family Children's Hospital

**Kate Robb, MD**  
Clinical Assistant Professor  
Division of Pediatric Critical Care  
UI Stead Family Children's Hospital

**Jodi Bloxham, ARNP, MSN, RN**  
Pediatric Critical Care Nurse Practitioner  
Division of Pediatric Critical Care  
UI Stead Family Children's Hospital

**Sarah Haskell, DO**  
**Division Director, Critical Care**  
Associate Professor  
Division of Pediatric Critical Care  
UI Stead Family Children's Hospital

**Kari Wellnitz, MD**  
Clinical Assistant Professor  
Division of Pediatric Critical Care  
UI Stead Family Children's Hospital

# Pediatric Fundamental Critical Care Support (PFCCS)

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## Program: Thursday, May 26

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- 7:00 a.m. Registration/Breakfast
- 7:30 a.m. Course Introduction and Pre-Test
- 7:45 a.m. Lecture: Acute Respiratory Failure and Mechanical Ventilation
- 8:45 a.m. Lecture: Cardiovascular Evaluation and Shock
- 9:45 a.m. Break
- 10:00 a.m. Skill Station: Respiratory Failure and Shock: Evaluation and Management  
or  
Skill Station: Mechanical Ventilation
- 11:15 a.m. Skill Station: Respiratory Failure and Shock: Evaluation and Management  
or  
Skill Station: Mechanical Ventilation
- 12:30 p.m. Lunch
- 1:00 p.m. Lecture: Neurologic Emergencies
- 2:00 p.m. Lecture: Pediatric Trauma
- 2:45 p.m. Break
- 3:00 p.m. Skill Station: Trauma and Neurologic Emergencies
- 4:00 p.m. Lecture: Fluid, Electrolytes, and Metabolic Disorders
- 5:00 p.m. Day 1 Recap and Review of Pre-Test
- 5:15 p.m. Adjourn

# Pediatric Fundamental Critical Care Support (PFCCS)

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## Program: Friday, May 27

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- 7:00 a.m. Breakfast
- 7:45 a.m. Lecture: Sedation and Analgesia
- 8:45 a.m. Lecture: Hematology/Oncology Emergencies
- 9:45 a.m. Break
- 10:00 a.m. Skill Station: Pediatric Transport  
or  
Skill Station: Sedation and Analgesia
- 11:00 a.m. Skill Station: Pediatric Transport  
or  
Skill Station: Sedation and Analgesia
- 12:00 p.m. Lunch
- 1:00 p.m. Lecture: Radiology and Invasive Devices
- 2:00 p.m. Lecture: Pediatric Trauma
- 3:00 p.m. Skill Station: Integration  
or  
Skill Station: Radiology/Invasive Devices
- 3:00 p.m. Skill Station: Integration  
or  
Skill Station: Radiology/Invasive Devices
- 4:00 p.m. Recap
- 4:30 p.m. Post-Test
- 5:00 p.m. Adjourn

# Pediatric Fundamental Critical Care Support (PFCCS)

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## Planning Committee Members

**Course Director: Cody Tigges, DO**

**Paula Levett, MS, RN, CCRN-K**  
Nurse Practice Leader  
Division of Pediatric Critical Care  
UI Stead Family Children's Hospital

**Tara Maurer**  
Academic Clinical Program Management Associate  
Department of Surgery  
UIHC

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## Accreditation

The University of Iowa Roy J. and Lucille A. Carver College of Medicine (CCOM) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

## Credit

The University of Iowa Carver College of Medicine designates this live activity for a maximum of 16.25 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians and Nurses should claim only the credit commensurate with the extent of their participation in the activity.

Effective March 18, 2020, Iowa nurses may use participation in ACCME-accredited education toward their CE requirement for licensure. A certificate of participation will be available after successful completion of the course. (Nurses from other states should confirm with their licensing boards that this activity meets their state's licensing requirements.)

## Disclosure Policy

Everyone in a position to control the content of this educational activity will disclose to the CME provider and to attendees all relevant financial relationships with any commercial interest.

## Tuition

Registration fee is \$350.00 for physicians; \$250.00 for non-healthcare professionals, nurse practitioners, physician assistants, nurses or any other healthcare professional.

The registration fee includes course material, breakfasts, lunches and breaks. The text book can be sent to you in advance if you wish. This book is excellent material to study prior to the course. You will be required to pass a post-test to receive a certificate of completion or, if applicable, to become a certified PFCCS instructor.

Upon return of unused textbook, full refund will be given for cancellation notice in writing before May 2, 2022 half refund after May 2, 2022 and before May 13, 2022. There will be no refunds after May 13, 2020. The University of Iowa reserves the right to alter, reschedule, or cancel this program should circumstances so dictate. For further information, call 319-335-8599.

## Course Alterations

Changes in the program faculty, topics, and/or schedule may be necessary. These may occur without notice when time does not permit notification.

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## Iowa City Attractions

Check out the [Iowa City Downtown District's website](#) and/or [Iowa River Landing's website](#) for a list of area attractions and details. More information about the area is available at <https://medicine.uiowa.edu/pediatrics/about-us/why-iowa>.

## Conference Site

The conference will be held at the University of Iowa Hospitals & Clinics in the Emergency Medicine Service Learning Resource Center (EMSLRC), General Hospital Room 605 (take Elevator C to the sixth floor and follow the signs).

## Suggested Hotels

### [Courtyard by Marriott Iowa City University Heights](#)

Located across the street from Kinnick Stadium and UIHC, it's an easy walk to the conference. Free shuttle available upon request.

### [The Graduate Iowa City](#)

On the Pedestrian Mall in downtown Iowa City, approximately one mile from UIHC campus. Special University of Iowa rate of \$99/night. Free shuttle available upon request.

### [Heartland Inn](#)

Located near corner of Hayden Fry Way and Highway 6, approximately 1.5 miles from UIHC campus. Free shuttle available upon request.

### [Hyatt Regency Hotel & Conference Center - Coralville](#)

Located in Iowa River Landing area, approximately 2.5 miles from UIHC campus. Free shuttle available upon request.

## Registration

[Register online for this conference.](#)

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