

**MAY
9-10,
2019**



PEDIATRIC FUNDAMENTAL CRITICAL CARE SUPPORT

EMS Learning Resources Center
University of Iowa Hospitals and Clinics
Iowa City, Iowa



**University of Iowa
Stead Family
Children's Hospital**

Pediatric Fundamental Critical Care Support Provider Course

May 9 and 10, 2019

University of Iowa Stead Family Children's Hospital

EMS Learning Resources Center

200 Hawkins Dr.

Iowa City, Iowa

Provided By:

University of Iowa Children's Hospital and the Roy J. and Lucille A. Carver College of Medicine.

Course Description:

PFCCS is a major resource for those interested in developing or refreshing their skills regarding the recognition of critical illnesses 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.

PFCCS Course Director:



Cody Tigges, DO is a Clinical Assistant Professor and Pediatric Intensivist at the University of Iowa Stead Family Children's Hospital. He now lives in Grinnell with his wife Elizabeth, who serves as the lone OB/GYN in their community. Being married to a "Referring Provider" provides Cody with insight into the services offered at community health centers, as well as a unique perspective on the interaction and communication between community providers and those at tertiary care centers. He hopes to utilize PFCCS as an educational tool that results in the timely administration of appropriate life-saving measures, improved communication between providers to ensure continuity of care and safe transport, and improved outcomes in critically ill children.

PFCCS Co-Director:



Madhu Chegondi, MD
Clinical Assistant Professor
Division of Pediatric Critical Care
University of Iowa Stead Family Children's Hospital

PFCCS Faculty:

Aditya Badheka, MD
Clinical Assistant Professor
Medical Director, PICU and Pediatric ECMO
Division of Pediatric Critical Care
University of Iowa Stead Family Children's Hospital

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

Weerapong Lilitwat, MD
Fellow, Pediatric Critical Care
Division of Pediatric Critical Care
University of Iowa Stead Family Children's Hospital

April Schmitz, ARNP, MSN, RN
Pediatric Critical Care Nurse Practitioner
Division of Pediatric Critical Care
University of Iowa Stead Family Children's Hospital

Shilpa Balikai, DO
Clinical Assistant Professor
Division of Pediatric Critical Care
University of Iowa Stead Family Children's Hospital

Christina Cifra, MD
Clinical Assistant Professor
Division of Pediatric Critical Care
University of Iowa Stead Family Children's Hospital

Julia Shelton, MD, MPH
Assistant Professor
Division of Pediatric Surgery
University of Iowa Stead Family Children's Hospital

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

Program:

Thursday May 9th, 2019

- 7:00 a.m. **Registration / Breakfast**
- 7:30 a.m. **Course Introduction and Pre-test**
Cody Tigges, DO
- 7:45 a.m. **Lecture: Acute Respiratory Failure and Mechanical Ventilation**
Cody Tigges, DO
- 8:45 a.m. **Lecture: Cardiovascular Evaluation and Shock**
Madhu Chegondi, MD
- 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: Mechanical Ventilation**
or
Skill Station: Respiratory Failure and Shock: Evaluation and Management
- 12:30 p.m. **Lunch**
- 1:00 p.m. **Lecture: Neurologic Emergencies**
Kari Wellnitz, MD
- 2:00 p.m. **Lecture: Pediatric Trauma**
Cody Tigges, DO
- 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**
Jodi Bloxham, ARNP, MSN, RN
- 5:00 p.m. **Day 1 Recap and Review of Pre-Test**
Cody Tigges, DO
- 5:15 p.m. **Adjourn**

Friday May 10th, 2019

- 7:00 a.m. **Breakfast**
- 7:45 a.m. **Lecture: Sedation and Analgesia**
Madhu Chegondi, MD
- 8:45 a.m. **Lecture: Hematology/Oncology Emergencies**
April Schmitz, ARNP, MSN, RN
- 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 a.m. **Lunch**
- 1:00 p.m. **Lecture: Radiology and Invasive Devices**
Shilpa Balikai, DO
- 2:00 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**
Cody Tigges, DO
- 4:30 p.m. **Post-Test**
- 5:00 **Adjourn**

Accreditation:

The University of Iowa Roy J. and Lucille A. Carver College of Medicine 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 16.75 *AMA PRA Category 1 Credit(s)*TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

15.5 contact hours will be granted by University of Iowa Hospitals and Clinics Department of Nursing (IBN Approved Provider #34). Participants must attend the entire program to receive full credit. Questions concerning nursing credits should be directed to the Nursing Clinical Education Center at (319) 356-1238.

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 and non-healthcare professionals; \$250.00 for 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 April 18, 2019. There will be no refunds after April 18, 2019. 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.

Iowa City Attractions:

Check out <http://www.downtowniowacity.com> and/or www.iowariverlanding.com for a list of area attractions and details.

Conference Site:

The conference will be held at the University of Iowa Hospitals and Clinics in the EMS Learning Resources Center, General Hospital Room S608 (take Elevator C to the 6th floor).

Suggested Hotels (Alphabetical Order):

Graduate Iowa City: Close to Pedestrian Mall and Downtown Iowa City, approximately 1 mile from UIHC campus. 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.

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

Program Registration Form

Pediatric Fundamental Critical Care Support Provider Course

May 9 and 10, 2019

Name: _____ Degree(s): _____

Address: _____

City: _____ State: _____ ZIP: _____

Email: _____ Phone: _____

Primary Specialty: _____

Registration Fees

- Physicians \$350.00
- Other Healthcare Professionals \$250.00

Method of Payment:

- Enclosed is a check made payable to *The University of Iowa* in the amount of: \$ _____

Three Ways to Register:

Online: www.medicine.uiowa.edu/cme (click on Upcoming Programs)

Phone CME office at (319) 335-8599

US Mail: University of Iowa Carver College of Medicine
Continuing Medical Education Division
100 Medicine Administration Building
Iowa City, IA 52242-1101