

# Pediatric Emergency Medicine in Practice:

## An Interactive and Innovative Course for Real World Experience

Co-hosted by:



Boston Children's Hospital  
Where the world comes for answers

Conference Dates:

Thursday, Nov. 2 *and* Friday, Nov. 3, 2023

Location:

Children's Hospital of Philadelphia

[www.chop.cloud-cme.com](http://www.chop.cloud-cme.com)



# Course Information

## Overview

Welcome to “PEM in Practice,” a dynamic Continuing Medical Education (CME) course that provides healthcare professionals with a unique opportunity to enhance their pediatric emergency medicine (PEM) skills through interactive and innovative learning experiences. This course is taught by nationally recognized faculty from Children’s Hospital of Philadelphia and Boston Children’s Hospital, who bring their expertise and real-world experiences to the forefront of your education.

“PEM in Practice” immerses participants in a hands-on and interactive learning environment. By incorporating state-of-the-art evidence-based lectures, small group discussions, workshops, and simulations, this course ensures that participants gain practical skills and experience in procedural techniques and resuscitation. Through a comprehensive curriculum and emphasis on interactivity, this course distinguishes itself from other CME offerings.

### **Key Features:**

#### *Nationally recognized faculty:*

Learn from leading experts in the field of pediatric emergency medicine. Our faculty members are renowned professionals from Children’s Hospital of Philadelphia and Boston Children’s Hospital, bringing their extensive knowledge and practical insights to enrich your learning experience.

#### *Evidence-based lectures:*

Engage in informative and up-to-date lectures that are grounded in the latest research and evidence-based practices.

#### *Emphasis on hands-on activities and interactivity:*

Participate through interactive activities. The course moves beyond passive learning and encourages active engagement, fostering a deeper understanding of the subject matter. This emphasis on hands-on activities and interactivity distinguishes this course from other CME offerings.

#### *Small group discussions and workshops:*

Participate in intimate and collaborative small group discussions led by experienced facilitators. These discussions provide a platform for in-depth exploration of topics, allowing participants to exchange ideas, share experiences, and engage in critical thinking and problem solving.

#### *Procedure Fair:*

Experience hands-on procedure training that enables you to develop and refine your skills in a controlled and supportive environment. You will have the option to choose from a variety of procedures encountered in both urgent care or office-based settings as well as critical procedures performed in the hospital environment.

#### *Simulations:*

Engage in high-fidelity simulations that replicate emergency scenarios commonly encountered in PEM. Through these simulations, participants will have the opportunity to apply their knowledge, make crucial decisions, and practice their skills in a protected setting.

The course is a transformative learning experience that equips healthcare professionals with practical skills, evidence-based knowledge, and the confidence to excel in PEM. Join us for an interactive and innovative course that will enhance your clinical practice and leave a lasting impact on your professional development.

## General Information

The conference will be held in the HUB for clinical collaboration at Children's Hospital of Philadelphia. The registration fee is \$500 (\$300 for trainees) and includes continental breakfast, refreshments, lunch, parking, and syllabus material.

## Course Objectives:

- Recognize critically ill and injured children and apply appropriate management strategies including life support guidelines
- Evaluate the current management of pediatric sepsis focusing on early goal-directed therapy and strategies to improve recognition and outcomes
- Employ reasoned approaches to the evaluation of cardiac emergencies in children
- Practice an approach to psychiatric emergencies and de-escalation strategies
- Practice fundamental and advanced indications for point-of-care ultrasound (POCUS) in the emergency department
- Recognize common and potentially life-threatening dermatologic conditions including presentations in patients with darker skin complexions
- Practice reasoned approaches to the diagnosis and management of pediatric poisonings and understand new and emerging threats
- Demonstrate physical examination techniques to evaluate common orthopedic complaints.
- Demonstrate techniques for performing common and critical pediatric procedures.
- Utilize a reasoned approach to the evaluation and management of the ill infant

## ACCME Accreditation Statement

Children's Hospital of Philadelphia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing education for physicians.

## AMA Credit Designation Statement

Children's Hospital of Philadelphia designates this live activity for a maximum of 12.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## Hotel Accommodations

Welcome to Philadelphia, a vibrant city bursting with history, culture, and endless attractions. During your stay here, make sure to explore the iconic landmarks such as Independence Hall, the Liberty Bell and the Philadelphia Museum of Art, with its famous "Rocky Steps." To plan your trip and find suitable accommodations, visit the website <https://www.visitphilly.com/hotels/> where you'll discover inspiration and hotel suggestions tailored to your preferences. The conference location is conveniently situated in University City, which can be accessed easily via various transportation options. Whether you prefer a rideshare service like Uber or Lyft, the reliable Septa bus network, or a traditional taxi, you'll have no trouble getting to the conference venue on CHOP's campus. Get ready for an unforgettable experience in the City of Brotherly Love!

## Cancellation and Refund Policy

Children’s Hospital of Philadelphia reserves the right to cancel or postpone any course due to any unforeseen circumstances. In the event of cancellation or postponement, Children’s Hospital of Philadelphia will refund any registration fees, less a \$40 service charge, but is not responsible for any related costs, charges or expenses to participants, including cancellation charges assessed by airlines or travel agencies. In order to process refunds for course withdrawals, cancellation must be received in writing by Friday, Oct. 27, 2023. No refunds will be issued thereafter.

## Services for People with Disabilities

If special arrangements are required for an individual with a disability to attend this meeting, please contact the Continuing Medical Education Department at 215-590-5263.

## Program: Day One – Thursday, Nov. 2, 2023

*Moderators: Jill Posner, MD, MSCE, MEd and Joshua Nagler, MD, MHPED*

- 7:30 a.m.**      **Registration and Continental Breakfast**
- 8 a.m.**         **Welcome and Introduction**
- 8:15 a.m.**     **Keynote Presentation**  
**PEM:                    In                    the                    Beginning**  
*Stephen Ludwig, MD and Gary Fleisher, MD*
- 9 a.m.**         **Baby Blues: An Approach to the Ill-appearing Infant**  
*Todd Lyons, MD, MPH*
- 9:30 a.m.**     **Little Kids, Big Problems: Trauma Care from Prevention to Advocacy**  
*Ruth Abaya, MD, MPH*
- 10 a.m.**        **Break**
- 10:15 a.m. – Noon – Selectives: Breakout Session I**  
 Participants choose two sessions. Sessions will be repeated.

10:15 - 11 a.m.	<b>I Wish I Had a Do-Over: Lessons Learned from “Bounce Back” Cases</b>  <i>Alex Hirsch, MD                      Mercedes Blackstone, MD                      Casey Pitts, MD</i>	<b>Change of Heart: EKG and Cardiology Cases</b>  <i>Anna Weiss, MD, MEd                      Sarah Cavallaro, MD                      Jessica Kelly, MD</i>	<b>Rash Decisions: Exploring Dermatology Cases</b>  <i>Marleny Franco, MD                      Susan Lipsett, MD</i>
11 - 11:05 a.m.	<b>Break</b>	<b>Break</b>	<b>Break</b>
11:05 - 11:50 a.m.	<b>I Wish I Had a Do-Over: Lessons Learned from “Bounce Back” Cases</b>  <i>Alex Hirsch, MD                      Mercedes Blackstone, MD                      Casey Pitts, MD</i>	<b>Change of Heart: EKG and Cardiology Cases</b>  <i>Anna Weiss, MD, MEd                      Sarah Cavallaro, MD                      Jessica Kelly, MD</i>	<b>Rash Decisions: Exploring Dermatology Cases</b>  <i>Marleny Franco, MD                      Susan Lipsett, MD</i>

**12 – 12:50 p.m. Lunch and Visit Exhibits**

**1 p.m. – 4:15 p.m. – Selectives: Breakout Session 2:** Participants choose two sessions. Simulation sessions will be repeated, POCUS and Cases will differ in each session.

1 - 2:30 p.m.	<b>POCUS 1: The Basics</b> <i>Aaron Chen, MD Rachel Rempell, MD Todd Lyons, MD, MPH Sarah Cavallaro, MD Mary Kate Claiborne, MD Jake Hemberger, MD Michael McWay, MD</i>	<b>Simulation: Acute Scenarios</b> <i>Matthew Eisenberg, MD, MPH Grace Good, RN, BSN, MA Alex Hirsch, MD Theresa Walls, MD</i>	<b>Simulation: Critical Scenarios</b> <i>Khoon Yen Tay, MD Grace Good, RN, BSN, MA Megan Lavoie, MD Joshua Nagler, MD, MHPED</i>	<b>Challenging Cases 1</b> <i>Frances Nadel, MD, MSCE Susan Lipsett, MD Maria Quidgley- Martin, MD</i>
2:30 - 2:45 p.m.	<b>Break</b>	<b>Break</b>	<b>Break</b>	<b>Break</b>
2:45 - 4:15 p.m.	<b>POCUS 2: Advanced Topics</b> <i>Aaron Chen, MD Rachel Rempell, MD Todd Lyons, MD, MPH Sarah Cavallaro, MD Jake Hemberger, MD Mary Kate Claiborne, MD Michael McWay, MD</i>	<b>Simulation: Acute Scenarios</b> <i>Matthew Eisenberg, MD, MPH Grace Good, RN, BSN, MA Alex Hirsch, MD Theresa Walls, MD</i>	<b>Simulation: Critical Scenarios</b> <i>Khoon Yen Tay, MD Megan Lavoie, MD Joshua Nagler, MD, MHPED Grace Good, RN, BSN, MA</i>	<b>Challenging Cases 2</b> <i>Alexandra Vinograd, MD Joel Hudgins, MD, MPH Tyler Rainer, MD</i>

**4:15 p.m. Break**

**4:30 p.m. Hot Topics in PEM**  
*Course faculty*

**5:15 p.m. Closing Remarks**  
*Course directors*

**5:15 – 6:30 p.m. Reception** *A reception will be held in the atrium of the HUB for a delightful evening of wine, cheese and light h'ors d'oeuvres, where you can mingle and get to know the course faculty and your fellow attendees.*

**Program: Day Two – Friday, Nov. 3, 2023**

*Moderators: Ellen Szydlowski, MD and Alex Hirsch, MD*

**7:30 a.m. Continental Breakfast**

**8 a.m. Pediatric Respiratory Emergencies: When to Worry and What to Do**  
*Joshua Nagler, MD, MHPED and Aaron Donoghue, MD, MSCE*

**8:30 a.m. Shock and Awe: Advances in the Management of Pediatric Sepsis**  
*Frances Balamuth, MD, PhD and Matthew Eisenberg, MD, MPH*

**9 a.m. Cutting Edge Care for Concussed Youth: A Panel Discussion**

*Panelists: Kristy Arbogast, PhD; Daniel Corwin, MD, MSCE; Christina Master, MD, CAQSM; Todd Lyons, MD, MPH*

**10 a.m. Break**

**10:15 – 11:50 a.m. Workshops • Participants choose two. Sessions will be repeated.**

10:15-11 am	<b>Kids in Crisis: Addressing Behavioral Health Emergencies in Pediatric Care</b>  <i>Jeremy Esposito, MD, MSED Bijan Ketabchi, MD Joel Hudgins, MD</i>	<b>Let's Be Blunt: What's New in Pediatric Toxicology</b>  <i>Kevin Osterhoudt, MD, MSCE Michael Toce, MD, MS</i>	<b>Bone-afide Cases in Orthopedic Emergencies</b>  <i>Andrea Anderson, MD Sarah Cavallaro, MD</i>
11-11:05 am	<b>Break</b>	<b>Break</b>	<b>Break</b>
11:05-11:50 am	<b>Kids in Crisis: Addressing Behavioral Health Emergencies in Pediatric Care</b>  <i>Jeremy Esposito, MD, MSED Bijan Ketabchi, MD Joel Hudgins, MD</i>	<b>Let's Be Blunt: What's New in Pediatric Toxicology</b>  <i>Kevin Osterhoudt, MD, MSCE Michael Toce, MD, MS</i>	<b>Bone-afide Cases in Orthopedic Emergencies</b>  <i>Andrea Anderson, MD Sarah Cavallaro, MD</i>

**Noon – 1:15 p.m. Lunch and Visit Exhibits**

**1:15 – 3:15 p.m. Procedure Fair**

Eva Delgado, MD and Ellen Szydlowski, MD  
*Course Faculty*

Friday afternoon's procedure fair will allow participants to get hands-on practice with procedures that are both common and uncommon in their daily practice setting, including primary care, urgent care and emergency medicine. Examples may include airway management, intraosseous line placement, ear and nasal foreign body removal, nail trephination, simple and complex laceration repair, and many more.

**3:15 p.m. Break**

**3:30-4 p.m. PEM Tips and Tricks**  
*Course Faculty*

**4-4:15 p.m. Wrap up and Course Conclusion**  
*Course Directors*

CHOP faculty are indicated by a • and Boston Children's Hospital faculty are indicated by an \*.

## Course Directors

Alex Hirsch, MD\*

Joshua Nagler, MD, MHPED\*

Jill Posner, MD, MSCE, MSED•

Ellen Szydlowski, MD•

## Keynote Speakers

**Stephen Ludwig, MD•**

*Professor of Pediatrics*

*Senior Advisor for Medical Education/Global Health*

*Children's Hospital of Philadelphia*

**Gary R. Fleisher, MD\***

*Egan Family Foundation Professor*

*Department of Pediatrics, Harvard Medical School  
Physician-in-Chief*

*Boston Children's Hospital*

## Children's Hospital of Philadelphia PEM and

### Boston Children's Hospital PEM

Ruth Abaya, MD, MPH•

Andrea Anderson, MD•

Kristy Arbogast, PhD•

Frances Balamuth, MD, PhD•

Mercedes Blackstone, MD•

Sarah Cavallaro, MD\*

Aaron Chen, MD•

Mary Kate Claiborne, MD•

Dan Corwin, MD, MSCE•

Eva Delgado, MD•

Aaron Donoghue, MD, MSCE•

Matthew Eisenberg, MD, MPH\*

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Marleny Franco, MD•

Jake Hemberger, MD•

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Bijan Ketabachi, MD•

Megan Lavoie, MD•

Susan Lipsett, MD\*

Todd Lyons, MD, MPH\*

Michael McWay, MD•

Frances Nadel, MD, MSCE•

Kevin Osterhoudt, MD, MSCE•

Rachel Rempell, MD•

Michael Toce, MD, MS\*

Alexandra Vinograd, MD•

Theresa Walls, MD•

Anna Weiss, MD, MSED•

Khoon-Yen Tay, MD•

### CHOP Senior Fellows

Jessica Kelly, MD•

Casey Pitts, MD•

Maria Quidgley-Martin, MD•

Tyler Rainer, MD•

### Other CHOP Faculty

**Grace Good, RN, BSN, MA•**

*Simulation Educator*

*Center for Simulation, Advanced Education and Innovation*

**Christina Master, MD, CAQSM•**

*Co-Director, Minds Matter Concussion Program  
Professor of Pediatrics*