



Neonatology and Critical Care Medicine: Bedside Ultrasound Course

Saturday, Nov. 14 – Sunday, Nov. 15, 2026

The HUB for Clinical Collaboration
on the CHOP Philadelphia Campus

Course Overview

This course is intended as an alternative to adult point-of-care ultrasound courses, with a focus on pediatric indications. It is designed for neonatal, critical care and anesthesiology providers with limited or basic knowledge of bedside ultrasound. It is designed for providers with limited or basic knowledge of point-of-care ultrasound. Through a combination of lectures and hands-on practical sessions using live pediatric models and simulation equipment, course attendees will learn ultrasound fundamentals (physics and principles of scanning) and ultrasound scanning techniques pertinent to pediatric anesthesia practice, including: basic cardiac, fluid and function, lung, airway, and gastric evaluation, as well as procedural guidance (peripheral and central line placement, neuraxial block). The course is being taught by anesthesia, critical care, cardiology, and emergency medicine ultrasound experts, and will have a low student-to-teacher ratio of 4/5 to 1.

General Information

The conference will be held at Children's Hospital of Philadelphia in the HUB for Clinical Collaboration on the CHOP Main Campus on Saturday and Sunday, Nov. 14-15, 2026.

Registration Fee

Physicians: \$1,100

Fellows, nurse practitioners and CHOP-affiliated providers: \$600

The fee includes breakfast, refreshments, lunch, parking, and course materials.

Course Objectives

Participants will be able to:

- Properly acquire cardiac images and evaluate for cardiac function and volume status
- Properly acquire lung images and evaluate for pneumothorax, pleural effusion, and interstitial disease
- Demonstrate how to use ultrasound for peripheral and central line access

Accreditation Statement



JOINTLY ACCREDITED PROVIDER™
INTERPROFESSIONAL CONTINUING EDUCATION

In support of improving patient care, Children's Hospital of Philadelphia is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Designation of Credit

Physicians: Children's Hospital of Philadelphia designates this live activity for a maximum of 14.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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, the Hospital will refund registration fees, 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, cancellations must be received in writing by Friday, Nov. 2, 2026. 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.

Hotel Accommodations

A block of rooms has been reserved at reduced rates at The Study, located just a few blocks from Children’s Hospital. The group overnight rate is \$289 single and double occupancy plus a 16.25% room tax. Participants are required to make their own hotel reservations by calling The Study directly at 215-387-1400. Please mention the name of the conference when making your reservation. The special room rate will be available until October 12, 2026. After that date, reservations will be accepted on a space and rate availability basis.



Register online: chop.cloud-cme.com



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PROGRAM

Saturday, Nov. 14, 2026

8:00 a.m.	Registration and Breakfast
8:30 a.m.	Welcome and Course Overview
8:45 a.m.	Physics and Fundamentals of Ultrasonography <i>Jason Stoller, MD</i>
9:15 a.m.	Introduction to FAST/FAFF <i>Leslie Mataya, MD</i>
9:45 a.m.	Vascular Access <i>Zach Anderson, MD</i>
10:15 a.m.	Lung Ultrasound: Anatomy and Pathology <i>Reese Sim, MD</i>
10:45 a.m.	Break
11:00 a.m.	Hands-on Skills: FAST/FAFF, Vascular Access, Lung
1:00 p.m.	Lunch
1:20 p.m.	Approach to LPs <i>Thomas Pawlowski, MD</i>
1:40 p.m.	Umbilical Venous Cannulation in Neonates (15 min) <i>Benjamin Kozyak, MD</i>
2:00 p.m.	Cardiac Views <i>Eric Will, PA-C</i>
2:30 p.m.	LV Systolic Function Assessment <i>Mahsun Yuerek, MD</i>
2:50 p.m.	Break
3:00 p.m.	Hands-on Skills (Subcostal/IVC, Apical and Parasternal Views)
5:00 p.m.	Questions/Adjourn

Sunday, Nov. 15, 2026

- 8:00 a.m. **Registration and Breakfast**
- 8:30 a.m. **Lung Ultrasound Semiology in Neonates and Children**
Annique Weise, MD
- 9:00 a.m. **Pulmonary Hypertension, Right Ventricular Function and the PDA**
Annie LaPointe, MD
- 9:30 a.m. **Approach to Shock and Hypotension**
April Slamowitz, MD
- 10:00 a.m. **ECMO Cannulation Monitoring and Ultrasound**
William Corder, MD and Hera Mahmood, MD
- 10:30 a.m. **Break**
- 10:45 a.m. **Hands-on Stations: (Shock/Volume, RV Function, LV Function)**
- 12:30 p.m. **Lunch**
- 12:50 p.m. **Basics of Head Ultrasound**
Charlie Fry, MD
- 1:10 p.m. **Neuroultrasound: Blazing a “New” Trail**
Rebecca Riggs, MD
- 1:40 p.m. **Ultrasound Educational Paradigms**
May Chen, MD
- 2:00 p.m. **POCUS: The International Experience**
Beryl Greywoode, MD
- 2:30 p.m. **Translating Point-Of-Care Training to Clinical Care: A Multidisciplinary Perspective and Discussion Among All Faculty**
- 2:45 p.m. **Break**
- 3:00 p.m. **Skill Assessment: Cardiac, Lung, Abdomen/Procedure**
- 4:30 p.m. **Adjourn**

Unless otherwise noted, faculty is from Children's Hospital of Philadelphia. Academic affiliation is with the Perelman School of Medicine at the University of Pennsylvania.

Course Directors

Thomas Conlon, MD

Director of Pediatric Critical Care Ultrasound

Assistant Professor of Anesthesiology and Critical Care Medicine

Maky Fraga, MD

Co-director of N/IICU Ultrasound

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Jason Stoller, MD

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**Children's Hospital
of Philadelphia**

Breakthroughs. Every day.

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