

Pediatric Critical Care Medicine Symposium

Friday, Oct. 2, 2026

Le Bonheur Children's Hospital
Russell W. Chesney Auditorium
Memphis, Tenn.



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COURSE DESCRIPTION

This activity is designed to enhance the knowledge, procedural skills, and clinical decision-making of pediatric critical care providers in the recognition and management of hemodynamic instability in critically ill children.

TARGET AUDIENCE

Pediatric intensivists, critical care physicians, pediatricians, advanced practice providers, nurses, respiratory therapists, EMS professionals and allied health professionals involved in pediatric critical care.

COURSE DIRECTOR

Samir Shah, MD, MBA, FRCPC

Professor, Pediatric Critical Care Medicine,
UT Health Science Center
Le Bonheur Chair of Excellence, Division Chief
and Medical Director, Pediatric Intensive Care Unit,
Le Bonheur Children's Hospital

COURSE CO-DIRECTORS

Dawn DeBerry, BSN, RN

Clinical Educator, Nursing
Le Bonheur Children's Hospital

Jeremy Neese, MD

Assistant Professor,
UT Health Science Center
Pediatric Critical Care,
Le Bonheur Children's Hospital

Francisco Soto, BS, RRT-NPS

Respiratory Therapist,
Le Bonheur Children's Hospital

FACULTY

Kathleen Cao, MD

Assistant Professor, The University of Tennessee (UT) Health Science Center
Pediatric Critical Care, Le Bonheur Children's Hospital

Mallory Crenshaw, DNP, CPNP - AC

Assistant Professor, College of Nursing, UT Health Science Center
Pediatric Critical Care, Le Bonheur Children's Hospital

Anna Jordan, CPNP-AC

Instructor, College of Nursing, UT Health Science Center
Nurse Practitioner, Critical Care, Le Bonheur Children's Hospital

Dai Kimura, MD

Professor, UT Health Science Center
Pediatric Critical Care, Le Bonheur Children's Hospital

Moses Lockhart, RRT-NPS

Supervisor, Respiratory Care Services, Le Bonheur Children's Hospital

Colleen Menegaz, MD

Assistant Professor, UT Health Science Center
Pediatric Critical Care, Le Bonheur Children's Hospital

Laurel Metzler, MD, FAAP

Assistant Professor, UT Health Science Center
Program Director, Pediatric Critical Care Fellowships,
Le Bonheur Children's Hospital

Sophia Mosher, MPA, CHSE

Simulation Educationalist, Center for Healthcare Improvement and Patient
Simulation, UT Health Science Center

Ronak Naik, MD, DNB, FACC

Associate Professor, UT Health Science Center
Director, Fetal Cardiology Program, Le Bonheur Children's Hospital

David Nelson, MD, PhD

Professor, UT Health Science Center
Pediatric Cardiology, Pediatric Critical Care,
Director, CVICU, Le Bonheur Children's Hospital

Erin Perring, RN

ECMO Primer
Le Bonheur Children's Hospital

Anissa Revels, MSN, RN

Trauma Program Director, Le Bonheur Children's Hospital

Hitesh Sandhu, MBBS, MRCPCH

Associate Professor, UT Health Science Center
Medical Director, ECMO, Le Bonheur Children's Hospital

William Hunt Stafford, MD

Pediatric Critical Care Fellow, UT Health Science Center
Le Bonheur Children's Hospital

John Wright, BSN, RN

Outreach Coordinator, CRPC/EMS, Le Bonheur Children's Hospital

LEARNING OBJECTIVES

Upon completion of this activity, participants will be able to:

- Identify early clinical and physiologic indicators of pediatric cardiac deterioration and initiate timely escalation of care.
- Apply evidence-based strategies in the management of pediatric shock, incorporating evolving concepts and emerging therapies.
- Utilize focused cardiac point-of-care ultrasound (POCUS) to assess ventricular function and intravascular volume status.
- Interpret echocardiographic findings relevant to common pediatric shock states and integrate them into clinical decision-making.
- Recognize life-threatening pediatric arrhythmias and initiate appropriate, time-sensitive interventions.
- Demonstrate effective hemorrhage control techniques, including direct pressure, wound packing, and tourniquet use.
- Establish appropriate vascular access using peripheral, central, and intraosseous techniques in critically ill pediatric patients.
- Execute structured pediatric resuscitation using advanced life support algorithms during cardiac arrest scenarios.
- Apply crisis resource management principles, including communication and teamwork, during simulated critical care emergencies.
- Recognize unique hemodynamic challenges in pediatric oncocritical care and tailor resuscitation strategies accordingly.
- Manage acute decompensation in children with chronic complex medical conditions using scenario-based clinical reasoning.
- Optimize ventilatory strategies to support both respiratory and hemodynamic function in critically ill children.
- Describe the role of rapid response systems in early identification and mitigation of pediatric clinical deterioration.
- Apply ethical principles to complex decision-making in critically ill pediatric patients, including end-of-life care and resource utilization.

ACCREDITATION

Methodist Le Bonheur Healthcare is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

This CE activity is accredited by the Commission of Accreditation for Pre-hospital Continuing Education (CAPCE) for 6.5 Pediatric CEH.

Methodist Le Bonheur Healthcare is approved as a provider of Nursing Continuing Professional Development by The Mississippi Nurses Foundation, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. Approved Unit Provider #00305

CREDIT

Methodist Le Bonheur Healthcare designates this live activity for a maximum of 7 AMA PRA Category 1 Credit(s)[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The application has been made for 6.83 CRCE credit hours through the American Association for Respiratory Care. The program number will be: 196459000.

The nursing continuing professional development activity was approved by the Mississippi Nurses Foundation, Inc, an Accredited Approver by the American Nurses Credentialing Center's Commission on Accreditation for 6.7 hours.

FACULTY DISCLOSURE

As a provider accredited by The Accreditation Council for Continuing Medical Education (ACCME), Methodist Le Bonheur Healthcare must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director, planning committee, faculty and all others who are in a position to control the content of this educational activity are required to disclose all relationships with ineligible companies.

Safeguards against commercial bias have been put in place. Faculty will also disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of these financial relationships or absence of relevant financial relationships will be disclosed to the audience.

TUITION

Registration fee is **\$125** for physicians; **\$70** for nurse practitioners and advanced practice providers; **\$50** for nurses, respiratory therapists and other health care providers; **\$25** for EMS professionals. Fellows, residents and students are free, but they need to register. The registration fee includes course materials, breakfast, lunch and breaks. No refunds will be given after **September 23, 2026**. To register online, scan the QR code.



Methodist Le Bonheur Healthcare reserves the right to alter, reschedule or cancel this program should circumstances so dictate.

CONFERENCE SITE

Le Bonheur Children's Foundation Research Institute
Russell Chesney Auditorium
50 N. Dunlap St. • Memphis, TN 38103

Free guest parking available in the Family/Guest Parking Garage on 130 N. Manassas St.

CONFERENCE MATERIALS

Conference materials will be available electronically by Oct. 10, 2026. After registering for the conference, you will be given a link and password to access the materials.

FRIDAY, OCT. 2, 2026

Management of Hemodynamic Instability in the Pediatric Intensive Care Unit

7:15 a.m. **Registration and Breakfast**

7:50 a.m. **Program Opening** - Trey Eubanks, MD, Surgeon-in-Chief and CEO, Le Bonheur Children's Hospital

7:55 a.m. **Welcome and Disclosures** - Jeremy Neese, MD, Samir Shah, MD, MBA, FRCPC, and Francisco Soto, BS, RRT-NPS

SESSION 1 *(Moderator: Hitesh Sandhu, MBBS, MRCPCH)*

8 a.m. **The First 10 Minutes: Early Recognition & Rapid Escalation in Pediatric Cardiac Deterioration** - Dawn DeBerry, BSN, RN

8:40 a.m. **Pediatric Shock Management: Past, Present and Future** - Samir Shah, MD, MBA, FRCPC

9:20 a.m. **Break / Visit Exhibitors**

SESSION 2

9:40 a.m. **Hands-on Sessions** *(participants to choose 1 skill set, 45 mins)*

A. Cardiac POCUS – Fluid, Form and Function

Dai Kimura, MD, Ronak Naik, MD, DNB, FACC, and Hitesh Sandhu, MBBS, MRCPCH

B. Stop the Bleed - Anissa Revels, MSN, RN, and John Wright, BSN, RN

C. Pediatric Vascular Access - Dawn DeBerry, BSN, RN, and William Hunt Stafford, MD

SESSION 3 *(Moderator: Samir Shah, MD, MBA, FRCPC)*

10:40 a.m. **Echocardiography for the Pediatric Intensivist** - Ronak Naik, MD, DNB, FACC

11:20 a.m. **Pediatric Arrhythmias that Kill and How Not to Miss Them!** - William Hunt Stafford, MD

12 p.m. **Lunch Break / Visit Exhibitors**

SESSION 4 *(Moderator: Francisco Soto, BS, RRT-NPS)*

12:40 p.m. **Ethics Panel Discussion** - Dawn DeBerry, BSN, RN, Colleen Menegaz, MD, David Nelson, MD, PhD, Hitesh Sandhu, MBBS, MRCPCH, and Francisco Soto, BS, RRT-NPS

1:20 p.m. **Help, Our Patient is Coding!** - Jeremy Neese, MD, and Sophia Mosher, MPA, CHSE

SESSION 5

2:10 p.m. **Hands-on Sessions** *(participants to choose 1 skill set, 45 mins)*

A. Simulation Scenarios in Chronic Complex Care

Mallory Crenshaw, DNP, CNP-AC, and Anna Jordan, CNP-AC

B. Simulation Scenarios in PICU - Kathleen Cao, MD, Dawn DeBerry, BSN, RN, and Erin Perring, RN

C. Demonstration of Various Ventilation Strategies Using an Artificial Lung - Moses Lockhart, RRT-NPS, and Francisco Soto, BS, RRT-NPS

3 p.m. **Coffee Break / Visit Exhibitors**

SESSION 6 *(Moderator: Kathleen Cao, MD)*

3:30 p.m. **Hot Topics** *(20 mins)*

Hemodynamic Challenges in Oncocritical Care

Laurel Metzler, MD, FAAP

Rapid Response Team at Le Bonheur - Kathleen Cao, MD

Nursing Simulation Training in ICU - Erin Perring, RN

4:30 p.m. **Closing Remarks / Program Feedback** - Jeremy Neese, MD

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Name: _____

MD DO NP PA RN RT Other: _____

Address: _____

City, State, Zip: _____

Phone: () _____

Specialty: _____

NPI#: _____

Email address required for CME: _____

**Online registration available at lebonheur.org/conference-registration
or mail your completed registration form and fees to:**

**Continuing Medical Education
Methodist Le Bonheur Healthcare**

251 S. Claybrook, Ste. 512 • Memphis, Tennessee 38104

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Memphis, Tennessee 38103