



# The Beatrice F. Nicoletti CHOP Resuscitation Science Center and Pediatric Global Resuscitation Alliance Conference

Thursday, April 7 and Friday, April 8, 2022

Leonard and Madlyn Abramson Pediatric Research Center  
at Children's Hospital of Philadelphia  
Philadelphia, PA

## Conference Overview

Children's Hospital of Philadelphia proudly presents the Beatrice F. Nicoletti CHOP Resuscitation Science Center and Pediatric Global Resuscitation Alliance Conference. Expert faculty from CHOP and around the world will share current best practice, cutting-edge translational research, and frankly discuss challenges and controversies in pediatric cardiac arrest care.

## General Information

This two half-day international symposium will provide clinicians, research scientists and other healthcare providers with up-to-date and best practices to provide optimal care during and after pediatric cardiac arrest. Current issues will be addressed across the continuum of resuscitation care.

The conference will be held on the first floor of the Leonard and Madlyn Abramson Pediatric Research Center. The registration fee includes light refreshments, syllabus and parking.

## Registration Fee: \$100

*(both in person and virtual)*

## Learning Objectives

At the completion of this conference, participants will be able to:

1. Identify the unique challenges for in-hospital pediatric resuscitation teams
2. Discuss emerging goal-directed treatments and technologic advances relevant to children
3. Describe controversies and challenges that impact pediatric resuscitation: Prevention, CPR, post arrest care, team performance and measurement of meaningful outcomes



## Hotel Accommodations

The Sheraton University City Hotel, 36th and Chestnut Streets, Philadelphia, Pa. 19104, is located just a few blocks from Children's Hospital. Participants are required to make their own hotel accommodations by calling the hotel directly. The telephone number for the Sheraton is 888-627-7071 or 215-387-8000.

## Cancellation and Refund Policy

CHOP reserves the right to cancel or postpone any course due to any unforeseen circumstances. In the event of cancellation or postponement, CHOP will refund any registration fees, less a \$10 service fee, but is not responsible for any related costs, charges or expenses to participants, including cancellation charges assessed by airlines/travel agencies. In order to process refunds for course withdrawals, cancellations must be received in writing by Friday, April 1, 2022. No refunds will be issued thereafter.



## Services for the Disabled

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.

- Noon**      **Welcome**  
*Bob Berg, MD*
- 12:10 p.m.**    **Global Resuscitation Alliance for Children: What's NeXt?  
CHOP Resuscitation Science Center: The Future is Now!**  
*Vinay Nadkarni, MD*  
*Todd Kilbaugh, MD*
- 12:55 p.m.**    **Science, Education, Implementation: NeXt Steps  
– What are the Gaps?**  
*Robert Sutton, MD, MSCE*  
*Panelists: Allan de Caen, MD; Amanda O'Halloran, MD; Tia Raymond, MD*
- 1:40 p.m.**      **In-hospital Arrest Identification, Prediction and Prevention**  
*Naveen Muthu, MD*  
*Panelists: Maya Dewan, MD; Sanjiv Mehta, MD; Michael Goldsmith, MD*
- 2:30 p.m.**      **Break**
- 2:45 p.m.**      **Optimal CPR: Goal-directed Invasive and Non-invasive Targets**  
*Robert Sutton, MD, MSCE*  
*Panelists: Ryan Morgan, MD; Amanda O'Halloran, MD*
- 3:30 p.m.**      **Cardiac Arrest Before and After: Training and Follow up**  
*Alexis Topjian, MD, MSCE*  
*Panelists: Jennifer Hayes, RN; Heather Wolfe, MD; Neethi Pinto, MD*
- 4:45 p.m.**      **Questions/Preview Day 2**  
*Vinay Nadkarni, MD*

## PROGRAM • FRIDAY, APRIL 8, 2022

- 8 a.m.**      **Welcome**  
*Todd Kilbaugh, MD*
- 8:10 a.m.**    **Intra-arrest Diagnostics**  
*Todd Kilbaugh, MD*  
*Panelists: Adam Himebauch, MD; Misun Hwang, MD; Tiffany Ko, PhD*
- 8:45 a.m.**    **Frontiers of ECPR and Metabolic Therapies**  
*Bob Berg, MD*  
*Panelists: John Kheir, MD; Kumaran Senthil, MD*
- 9:30 a.m.**    **Resuscitation Considerations for Congenital Heart Disease**  
*Joseph Rossano, MD*  
*Panelists: Maryam Naim, MD; Tia Raymond, MD; Constantine Mavroudis, MD*
- 10:15 a.m.**   **Break**
- 10:30 a.m.**   **Post-cardiac Arrest Care: Neurocritical Care Including  
Frontiers of Neuroimaging and Neuroprognostication**  
*Alexis Topjian, MD, MSCE*  
*Panelists: Matt Kirschen, MD; Jess Fowler, MD, MPH; Monique Gardner, MD*
- 11:30 a.m.**   **Questions/Wrap-up/Adjourn**  
*Todd Kilbaugh, MD*

## Course Directors

### **Todd Kilbaugh, MD**

*Medical Director, ECMO Center*

*Anesthesiologist*

*Department of Anesthesiology and Critical Care Medicine*

### **Vinay Nadkarni, MD**

*Founding Director, CHOP Academy for Resuscitation of Children at the*

*CHOP Resuscitation Science Center*

*Professor*

*Department of Anesthesiology and Critical Care Medicine*

## Course Faculty

### **Bob Berg, MD**

*Division Chief*

*Department of Anesthesiology and Critical Care Medicine*

### **Jess Fowler, MD, MPH**

*Attending Physician*

*Department of Anesthesiology and Critical Care Medicine*

### **Naveen Muthu, MD**

*Attending Physician*

*Division of General Pediatrics*

### **Joseph Rossano, MD, MS**

*Director of the Cardiac Center*

*Chief of the Division of Cardiology*

### **Robert Sutton, MD, MSCE**

*Director of Clinical Resuscitation Science*

*CHOP Research Institute Resuscitation Science Center*

### **Alexis Topjian, MD, MSCE**

*Attending Physician*

*Department of Anesthesiology and Critical Care Medicine*

## **Panelists**

**Allan de Caen, MD**

**Maya Dewan, MD**

**Jess Fowler, MD**

**Monique Gardner, MD**

**Michael Goldsmith, MD**

**Jennifer Hayes, RN**

**Adam Himebauch, MD**

**Misun Hwang, MD**

**John Kheir, MD**

**Todd Kilbaugh, MD**

**Matt Kirschen, MD**

**Tiffany Ko, PhD**

**Constantine Mavroudis, MD**

**Sanjiv Mehta, MD**

**Ryan Morgan, MD**

**Vinay Nadkarni, MD**

**Maryam Naim, MD**

**Amanda O'Halloran, MD**

**Neethi Pinto, MD**

**Tia Raymond, MD**

**Kumaran Senthil, MD**

**Heather Wolfe, MD**