



Cutting-Edge Topics in Pediatric Airway

Saturday, March 7, 2026

**The HUB for Clinical Collaboration
on CHOP's Main Campus**



Course Overview

This comprehensive, multidisciplinary course offers airway training to a national and international audience. It provides participants with the essential evidenced-based knowledge and technical skills to manage anticipated and unanticipated pediatric difficult airways in the operating room, emergency department intensive care units and diverse clinical settings. The conference integrates a variety of educational formats including didactic lectures, extensive hands-on practice at the stations, immersive simulation workshops and expert panel discussions. The course is ideally suited for anesthesiology, critical care medicine, emergency medicine and ENT practitioners.

General Information

The conference will be held in the HUB for Clinical Collaboration building on the main campus of Children's Hospital of Philadelphia. The registration fee includes continental breakfast, breaks, lunch, and syllabus material.

Registration fee: \$250

Course Objectives

- Incorporate into practice effective strategies and techniques for predicting and managing pediatric difficult airway, per the latest evidence-based data
- Recognize and safely plan for the physiologically difficult airway
- Formulate a plan for management of anesthetic depth and oxygenation when caring for a child with a difficult airway
- Acquire skills for alternative ventilation and oxygenation strategies using supraglottic airway devices (SGA), SGA-assisted fiberoptic intubation and front of neck access
- Enhance team communication and practical skills during crisis resource management

Joint Accreditation Statement



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 9.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AANA Accreditation

American Association of Nurse Anesthesiology is accredited as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation.

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 registration fees, but is not responsible for any related costs, charges or expenses to participants, including cancellation charges assessed by airlines or travel agencies. To process refunds for course withdrawals, cancellations must be received in writing by Feb. 20, 2026. No refunds will be issued thereafter.

Services for People With Disabilities

Participation by all individuals is encouraged. If arrangements are required for an individual with special needs to attend this meeting, please call the CME Department at 215-590-5263 two weeks in advance so that we may provide better service to you during the conference.

Register now: chop.cloud-cme.com



Cutting-Edge Topics in Pediatric Airway

Children's Hospital of Philadelphia HUB Clinical Collaboration Building

PROGRAM

Saturday, March 7, 2026

- 7:15 a.m. **Registration and Continental Breakfast**
- 7:45 a.m. **Welcome to CHOP**
John Fiadjoe, MD, MBA
- 7:55 a.m. **Welcome and Introduction**
Annery Garcia-Marcinkiewicz, MD, MSCE
- 8:00 a.m. **Caring for the Pediatric Airway: Quality, Safety, and Systems**
Grace Hsu, MD
- 8:15 a.m. **Neonatal Airway Challenges**
Janet Lioy, MD
- 8:30 a.m. **PeDI Registry Updates**
Lina Sarmiento, MD, MSHS
- 8:45 a.m. **Lung Isolation**
T. Wesley Templeton, MD
- 9:00 a.m. **Q & A Session**
- 9:05 a.m. **Seeing is Believing: Ultrasound-Guided Airway Management in Children (part 1)**
Elaina Lin, MD
- 9:20 a.m. **Seeing is Believing: Ultrasound-Guided Airway Management in Children (part 2)**
Elizabeth O'Brien, MD, MAS
- 9:35 a.m. **Limited Bronchoscopy to Limit Mortality**
Dean Bruins, MD
- 9:50 a.m. **Airway Reconstruction**
Conor Devine, MD
- 10:05 a.m. **Q & A Session**
- 10:10 a.m. **Break and Exhibits**
- 10:25 a.m. **Adult Airway Crisis**
Gabriel Zuckerberg, MD
Caoimhe Duffy, MD, MSc
- 10:40 a.m. **The Physiologically Difficult Airway**
Amy Romer, MD
- 10:55 a.m. **Airway Management and Global Realities**
Gabriel Soares De Sousa, MD

11:10 a.m.	LASO Peds <i>Vinicius Caldeira Quintão, MD</i>
11:25 a.m.	Q & A Session
11:30 a.m.	Keynote Lecture: Airway AI <i>Clyde Matava, MBChB</i>
Noon	Lunch and Exhibits
12:45 p.m.	Concurrent Hands-On Session I Track A: Hands-On Skills Station Workshops <ul style="list-style-type: none"> • <i>The Art of Direct Laryngoscopy</i> • <i>Standard and Hyperangulated Blade Video Laryngoscopy</i> • <i>Generations of Supraglottic Airways (SGA)</i> • <i>Fiberoptic Intubation: free hand, via SGA, combined, and SPLIT technique</i> • <i>Lung Isolation Techniques</i> • <i>FONA (Front of Neck Access)</i> Track B: Case-Based Learning - Moderate Fidelity Simulation Session <ul style="list-style-type: none"> • <i>Format: 4 cases</i> • <i>Interactive case discussions with expert faculty</i>
1:50 p.m.	Not Over: Planning for Difficult Extubation <i>Leah Templeton, MD</i>
2:05 p.m.	FONA Updates <i>Barbara Spicher, MD</i>
2:20 p.m.	Teaching Neonatal Airway <i>Heidi Herrick, MD, MSCE</i>
2:35 p.m.	SADly Awake: SGA Placement <i>Mary Lyn Stein, MD</i>
2:50 p.m.	Q&A Session
2:55 p.m.	Break and Exhibits
3:05 p.m.	The Power of Prediction: Airway Assessment in the Unborn and Anesthesia Management at Delivery <i>Olivia Nelson, MD</i>
3:20 p.m.	Advanced Airway Management in Pediatric Emergency Medicine: What Matters When it Matters Most <i>Monica Prieto, MD, MSHS</i>
3:35 p.m.	What I Wish I Knew Then: Practical Wisdom for Pediatric Airway Management <i>Chris Ward, MD</i>
3:50 p.m.	Should Apneic Oxygenation Be the Standard of Care? <i>Alexander Fuchs, MD</i>
4:05 p.m.	Q&A Session
4:10 p.m.	Weekend Airway Case? Think Again! <i>Melissa Brooks Peterson, MD</i>

- 4:25 p.m. **Tracheal Intubation Associated Cardiac Arrest: What Do We Know So Far? Management**
Febina Padiyath, MBBS
- 4:40 p.m. **SPLIT Technique**
Vanessa Mazandi, MD
Rodrigo Daly Guris, MD
- 4:55 p.m. **Q&A Session**
- 5:00 p.m. **Concurrent Hands-On Session I**
Track A: Hands-On Skills Station Workshops
 - *The Art of Direct Laryngoscopy*
 - *Standard and Hyperangulated Blade Video Laryngoscopy*
 - *Generations of Supraglottic Airways (SGA)*
 - *Fiberoptic Intubation: free hand, via SGA, combined, and SPLIT technique*
 - *Lung Isolation Techniques*
 - *FONA (Front of Neck Access)***Track B: Case-Based Learning - Moderate Fidelity Simulation Session**
 - *Format: 4 cases*
 - *Interactive case discussions with expert faculty*
- 6:00 p.m. **Conference Adjourns**



Unless otherwise noted, faculty is from the Children's Hospital of Philadelphia and/or the Perelman School of Medicine at the University of Pennsylvania.

Course Director

Annery Garcia-Marcinkiewicz, MD, MSCE

President, Women in Anesthesiology

Associate Division Chief, Inclusion and Belonging

Director, Difficult Airway Program

Associate Professor of Anesthesiology and Critical Care

Course Co-Directors

Grace Hsu, MD, FASA

Attending Physician, Department of Anesthesiology and Critical Care

Vanessa Mazandi, MD

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Assistant Professor of Anesthesiology and Critical Care

Febina Padiyath, MBBS

Attending Anesthesiologist, Department of Anesthesiology and Critical Care

Assistant Professor of Anesthesiology and Critical Care

Jessica Sadvari, DNP, MS, CRNA

Certified Registered Nurse Anesthetist, Department of Anesthesiology and Critical Care

Course Faculty

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Attending Anesthesiology

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B. Dean Bruins, MD

Attending Physician, Cardiothoracic Anesthesiology

Associate Professor Department of Anesthesiology, Critical Care, and Pediatrics

David Cohen, MD

Attending Anesthesiologist, Department of Anesthesiology and Critical Care Medicine

Conor Devine, MD

Attending Otolaryngologist, Division of Otolaryngology (ENT)

Assistant Professor of Clinical Otorhinolaryngology: Head and Neck Surgery

Scott Dubow, MD

Attending Anesthesiology, Medical Director, Anesthesia Resource Center

Department of Anesthesiology and Critical Care Medicine

Caoimhe Duffy, MD, MSc

Assistant Professor, Anesthesiology and Critical Care

Course Faculty (continued)

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Anesthesiologist-in-Chief and Chair of the Department of Anesthesiology and Critical Care Medicine

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Consultant Anesthesiologist (SSAPM, Inselspital, University Hospital Bern

Department of Anesthesiology and Pain Medicine

Rodrigo Daly Guris, MD

Pediatric Anesthesiologist

Penn Medicine Princeton Medical Center

Heidi Herrick, MD, MSCE

Attending Neonatologist, Division of Neonatology

Assistant Professor of Pediatrics

Yaqi Hu, MD

Pediatric Anesthesiologist, Assistant Professor

Tkach, Lapio, CRNA

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Associate Professor, Department of Anesthesiology and Critical Care

Janet Liroy, MD

Director, Neonatal Outreach Program

Attending Neonatologist, Division of Neonatology, Department of Pediatrics

Professor of Clinical Pediatrics

Clyde Matava, MBChB

Anesthesiologist, The Hospital for Sick Children

Associate Professor, Anesthesiology and Pain Medicine

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Olivia Nelson, MD

Clinical Director, Fetal Anesthesia Team

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Pediatric Anesthesiologist

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Attending Physician, Division of Emergency Medicine

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Vinicius Calderia Quintao, MD, MSc, PhD

Consultant Pediatric Anesthesiologist

Hospital das Clínicas, Faculdade de Medicina, Universidade de São Paulo

Associate Editor and Pediatric Section Editor, Brazilian Journal of Anesthesiology

Course Faculty (continued)

Amy Romer, MD

*Attending Physician, Cardiothoracic Anesthesiology and Cardiology
Assistant Professor, Department of Anesthesiology and Critical Care Medicine*

Lina Sarmiento, MD, MSHS

*Attending Physician, Department of Anesthesiology
National Institute of Pediatrics Mexico*

Gabriel Soares de Sousa, MD

*Pediatric Anesthesiologist, Instituto da Crianca e do Adolescente- FMUSP
Safety and Quality Auditor, SmileTrain*

Barbara Spicher, MD

*Senior Physician, Department of Anesthesiology and Pain Medicine, Inselspital,
Bern University Hospital, University of Bern, Bern, Switzerland*

Mary Lyn Stein, MD

*Associate in Cardiac Anesthesia, Department of Anesthesiology, Critical Care and Pain
Medicine, Boston Children's Hospital
Assistant Professor of Anaesthesia, Harvard Medical School*

Paul Stricker, MD, MHCM

*Associate Anesthesiologist-in-Chief Professor of Anesthesiology and Critical Care Medicine
Department of Anesthesiology and Critical Care Medicine*

Brian Struyk, MD

*Attending Anesthesiologist, Director of Pediatric Anesthesia of the Pediatric Proton Therapy Center,
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Associate Professor of Anesthesiology and Critical Care*

Leah Templeton, MD

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Professor of Anesthesiology, Wake Forest University School of Medicine*

Chris Ward, MD

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