



Pediatric Difficult Airway
and
**Regional Anesthesia and
Pain Conference**

**Saturday, May 16, and
Sunday, May 17, 2020**

Leonard and Madlyn
Abramson Pediatric
Research Center

Register online:
chop.cloud-cme.com

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COURSE OVERVIEW

The Pediatric Difficult Airway and Pediatric Regional Anesthesia and Pain Conference is a two-day conference for anesthesiologists, anesthesiology trainees, certified registered nurse anesthetists (CRNAs) and other advanced practice providers to gain knowledge and technical skills for pediatric difficult airway management and pediatric regional anesthesia and acute pain management. This two-day conference will be taught by experts in the field and include hands-on practice.

The Pediatric Difficult Airway portion will give participants the opportunity to learn from experts in the field the knowledge, tools and technical skills required for pediatric difficult airway management. The day will consist of:

1. Hands-on airway management practice and coaching in small-group sessions using mannequins and animal models, covering advanced airway management techniques, including freehand fiberoptic intubation, fiberoptic through a laryngeal mask, videolaryngoscopy, invasive front-of-neck access and other combination techniques
2. Didactic lectures complementing the hands-on session and additional related topics, including pediatric difficult airway algorithms, fiberoptic intubation, invasive airway access and how to create an airway response team

The Pediatric Regional Anesthesia and Pain Management portion is an interactive and hands-on course, teaching participants the knowledge, tools and technical skills required for ultrasound-guided pediatric regional anesthesia and acute pain management. The day will consist of:

1. Hands-on ultrasound scanning on live pediatric volunteers and ultrasound training models
2. Didactic lectures on regional anesthesia and postoperative pain management, including peripheral nerve blocks of the upper extremity, lower extremity and trunk; developing an acute pain and regional service at a hospital; and building a home peripheral nerve catheter program

GENERAL INFORMATION

The conference will be held in the Leonard and Madlyn Abramson Pediatric Research Center at Children's Hospital of Philadelphia. The registration fee includes continental breakfast, breaks, lunch, parking and syllabus material.

REGISTRATION FEES

Early Registration (<i>Prior to Feb. 29</i>)	\$495
Full-Conference Registration	\$695
Registration for one-day	\$595
(<i>Saturday or Sunday</i>)	
Trainees (<i>Fellows, Residents, Students</i>)	\$395

Pre-registration is required.

Register early to secure a spot.

COURSE OBJECTIVES

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

Pediatric Difficult Airway

1. Describe recent advances in technology in videolaryngoscopes, fiberoptic scopes and supraglottic airways
2. Demonstrate the use of fiberoptic scopes, advanced combined techniques, ultrasound, rigid bronchoscopy and front-of-neck access in pediatric difficult airway management
3. Discuss strategies to improve difficult airway response for pediatric patients perioperatively and within a hospital system

Pediatric Regional Anesthesia and Acute Pain Management

1. Demonstrate the use of ultrasound to identify the following peripheral nerve blocks: interscalene, supraclavicular, infraclavicular, axillary, femoral, sciatic, adductor canal/saphenous, transversus abdominis plane block, rectus sheath and transversalis fascia plane block in pediatric patients
2. Identify requirements to develop a pediatric regional and acute pain service at an institution through the physician and nurse practitioner care team model
3. Discuss tips and strategies for performing regional procedures and managing acute post-operative pain in pediatric patients

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

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.

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, May 1, 2020**. No refunds will be issued thereafter.

Pediatric Difficult Airway — Saturday, May 16, 2020

7 a.m. Registration and Continental Breakfast

7:20 a.m. Welcome

7:30 a.m. The Pediatric Difficult Airway
Thomas Engelhardt, MD, PhD

Didactics: Anatomy of Equipment and Technique Tips and Tricks

8 a.m. Videoscopes

8:20 a.m. Fiberoptic Scopes

8:40 a.m. Supraglottic Airways

9 a.m. Combined Techniques: Trans-SGA Fiberoptic, Videolaryngoscope and Fiberoptic Technique

9:20 a.m. Coffee Break

9:35 a.m. Airway Skills Lab

Station 1: Airway and Gastric Ultrasound

Station 2: Lung Isolation Techniques

Station 3: Combined Videolaryngoscope and Fiberoptic Technique

Station 4: Fiberoptic Intubation and Obstacle Course Race

11:35 a.m. Lunch

12:30 p.m. Most Important Airway Papers of 2015-2019

1 p.m. Emergency Front-of-Neck-Access in the Pediatric Patient
Luv R. Javia, MD

1:30 p.m. Airway Skills Lab

Station 1: Simulation Scenario

Station 2: Rigid Bronchoscopy

Station 3: Trans-SGA Fiberoptic

Station 4: Emergency Front-of-neck access

3:30 p.m. Coffee Break

3:45 p.m. Q&A — Building a Hospital Airway Response Team, Pediatric Difficult Airway Algorithms, Difficult Airway Techniques, etc.

4:05 p.m. Day One Review and Summary Remarks

4:30 p.m. Adjourn for Day

Pediatric Regional Anesthesia and Acute Pain Management — Sunday, May 17, 2020

7 a.m. Welcome and Continental Breakfast

Didactics: Peripheral Nerve Blocks

7:35 a.m. Upper Extremity Blocks: Interscalene, Supraclavicular, Infraclavicular, Axillary

8:05 a.m. Lower Extremity Blocks: Femoral, Sciatic, Saphenous

8:35 a.m. Truncal Peripheral Nerve Blocks: Transabdominal Plane, Rectus Sheath, Transversalis Fascia Plane Blocks, Erector Spinae Plane

9 a.m. Questions and Discussion

9:15 a.m. Coffee Break

9:30 a.m. Ultrasound Skills Lab

Station 1: Upper Extremity Blocks

- Station 1A: Interscalene and Supraclavicular
- Station 1B: Infraclavicular and Axillary

Station 2: Lower Extremity Blocks

- Station 2A: Femoral, Fascia Iliaca
- Station 2B: Sciatic (Subgluteal, popliteal), Saphenous

Station 3: Truncal Peripheral Nerve Blocks

- Station 3A: Transabdominal Plane, Rectus Sheath
- Station 3B: Transversalis Fascia Plane, Erector Spinae Plane

12:30 p.m. Working Lunch

12:45 p.m. Building a Home Peripheral Nerve Catheter Program

1:15 p.m. Developing a Pediatric Acute Regional and Pain Service at Your Hospital: Physician and Nurse Practitioner Team Model

1:45 p.m. Day Two Review and Summary Remarks

2 p.m. Conference Adjourns

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

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