

Nonprofit Organization
U.S. POSTAGE PAID
Los Angeles, CA
Permit No. 22460



We Treat Kids Better

Children's Hospital Los Angeles
Department of Anesthesiology
4650 Sunset Blvd. MS#3
Los Angeles, CA 90027

REVIEW OF PEDIATRIC ANESTHESIOLOGY

57th CLINICAL CONFERENCE IN PEDIATRIC ANESTHESIOLOGY



February 8 – 10, 2019

Disneyland® Hotel
Anaheim, California

PEDIATRIC ANESTHESIOLOGY FOUNDATION
CHILDREN'S HOSPITAL LOS ANGELES
www.pediatric-anesthesiology-foundation.org

57th CLINICAL CONFERENCE IN PEDIATRIC ANESTHESIOLOGY

Friday Evening February 8, 2019

5:00 pm REGISTRATION AND EXHIBITS OPEN

6:40 pm WELCOME TO EVENING SESSION

6:45 pm UPDATES IN PEDIATRIC ANESTHESIA

Moderator: Gary Scott, MD

Fires in the operating room – Jerrold Lerman, MD

The impact of paralysis and ventilation on complications in the PeDI Registry – Annery Garcia-Marcinkiewicz, MD

Sepsis Updates – Todd Kilbaugh, MD

[Questions for the speakers](#)

8:45 pm ADJOURN AND WATCH FIREWORKS

Saturday Morning February 9, 2019

7:00 am CONTINENTAL BREAKFAST AND EXHIBITS

7:50 am WELCOME: Rebecca Margolis, DO

8:00 am MORNING SESSION 1

Moderator: Elizabeth Bragg, MD

Social Media Primer: #PAF57 – Branden Engorn, MD

The surgeon's perspective: repair of tracheoesophageal fistula – Eveline Shue, MD

Pediatric Advance Life Support update – Annery Garcia-Marcinkiewicz, MD

Direct laryngoscopy: a skill rarely taught – Jerrold Lerman, MD

[Questions for the speakers](#)

10:00 am COFFEE AND EXHIBITS

10:30 am MORNING SESSION 2

Moderator: Elizabeth Bragg, MD

Closed head injury and anesthesia – Todd Kilbaugh, MD

What am I looking at? Physics and Pitfalls of the monitors we depend on – Justin Lockman, MD

[Questions for the speakers](#)

12:05 pm LUNCHEON

Saturday Afternoon February 9, 2019

1:15 pm INTRODUCTION OF THE DIGBY LEIGH SPEAKER Barry Markovitz, MD
Are anesthesiologists ready for artificial intelligence – Randall Wetzel, MB BS

2:05 pm AFTERNOON SESSION 1

Moderator: Lydia Andras, MD

Anesthesia for the child with Trisomy 21 – Marla Matar, MD

Pro / Con Debate: Deep Extubation – Tiffany Frazee, MD and Patrick Ross, MD

[Questions for the speakers](#)

3:35 pm COFFEE AND EXHIBITS

4:05 pm PANEL SESSION

Moderator: Lydia Andras, MD

Breaking through cultural inertia to achieve gender equity – Sonya Erickson, JD

Can we really use Social Media for our CMEs? – Sapna Kudchadkar, MD PhD

[Questions for the speakers](#)

5:30 pm ADJOURN

Sunday Morning February 10, 2019

7:00 am CONTINENTAL BREAKFAST AND EXHIBITS

8:00 am MORNING SESSION 1

Moderator: Andrew Costandi, MD

Emergence Delirium – Sapna Kudchadkar, MD PhD

Pulmonary Hypertension – Kristin Richards, MD

[Questions for the speakers](#)

9:00 am COFFEE AND TIME TO CHECK OUT

9:30 am MORNING SESSION 2

Moderator: Andrew Costandi, MD

Updates on Regional Anesthesia – Eugene Kim, MD

Suggamedex: Beyond the rose-colored glasses – Abhishek Karnwal, MD

Anesthesia Jeopardy – Marissa Bell, MD, Jennifer Lau, MD, Rebecca Margolis, DO

[Questions for the speakers](#)

12:30 pm ADJOURN

FACULTY

Annery Garcia-Marcinkiewicz, MD

The Children's Hospital of Philadelphia
University of Pennsylvania
Philadelphia, PA

Justin Lockman, MD, MSEd

The Children's Hospital of Philadelphia
University of Pennsylvania
Philadelphia, PA

Todd Kilbaugh, MD

The Children's Hospital of Philadelphia
University of Pennsylvania
Philadelphia, PA

Sonya Erickson, JD

Cooley LLP
University of Washington School of Law
Seattle, WA

Sapna Kudchadkar, MD, PhD

The Johns Hopkins Hospital
Johns Hopkins University School of Medicine
Baltimore, MD

Tiffany Frazee, MD

Rainbow Babies & Children's Hospital
Case Western Reserve University School of Medicine
Cleveland, OH

Jerrold Lerman, MD

Woman and Children's Hospital of Buffalo
SUNY at Buffalo and University of Rochester
Rochester, NY



Faculty from the Children's Hospital Los Angeles Department of Anesthesiology Critical Care Medicine

Lydia Andras, MD

Marisa Bell, MD

Elizabeth Bragg, MD

Andrew Costandi, MD

Branden Engorn, MD

Abhishek Karnwal, MD

Eugene Kim, MD

Jennifer Lau, MD

Rebecca Margolis, DO

Barry Markovitz, MD MPH

Marla Matar, MD

Kristin Richards, MD

Patrick Ross, MD

Eveline Schue, MD

Gary Scott, MD

Randall Wetzel, MBBS

ACCREDITATION

Children's Hospital Los Angeles is accredited by the Institute for Medical Quality / California Medical Association (IMQ/CMA) to provide continuing medical education for physicians. Children's Hospital Los Angeles takes responsibility for the content, quality and scientific integrity of this CME activity. Children's Hospital Los Angeles designates this "57th Clinical Conference in Pediatric Anesthesiology" for a maximum of 13.5 hours AMA PRA Category 1 Credit™. Physicians should only claim credit commensurate with the extent of their participation in the activity. This credit may also be applied to the CMA Certification in Continuing Medical Education. 2019 Conference attendees should be aware of current procedures for obtaining their CME credit. Attendees must complete and submit an evaluation via registration website as documentation of the sessions that were actually attended. Submitting the evaluation also functions as verification of your attendance at the meeting. CME/CEU certificates will not be generated without submission of evaluation. To comply with current policies of the ACGME and the American Medical Association, The Pediatric Anesthesiology Foundation will award CME certificates noting the actual number of hours that each physician participated in educational activities. Certificates will be available for printing after the meeting.

* CRNA CE credits are determined by the AANA; ASATT CE credits are determined by the ASATT; please check with us for the amount of credits.

HOTEL ACCOMMODATIONS

The conference will be held at the Disneyland® Hotel. The address is 1150 Magic Way, Anaheim, CA 92802. For directions to the hotel or more information, please visit their website at <http://disneyland.disney.go.com/disneyland-hotel/>

Make your room reservation now! The special rate for the conference is \$234.00 plus taxes and fees. A limited number of rooms are reserved at this rate. To secure a room please contact the Disneyland® Resort by booking online 24/7 at <https://www.mydisneygroup.com/gd5b19a> or by calling (714) 520-5005, M-F from 8 am to 5 pm PST. Reservations must be made by Wednesday, January 16, 2019 or before the group rooms are sold out, so do not delay. Prevailing rates may apply after this date or when the group rooms are sold out, whichever occurs first. Rooms are subject to availability.

DISCOUNT THEME PARK TICKETS

Discount theme park tickets can be purchased through a link on the site <https://www.mydisneygroup.com/gd5b19a> These special ticket prices are not available once you arrive at the Resort. Tickets are valid from February 5, 2019 to February 16, 2019. Our ticket store closes at 9:00 PM PST on February 7, 2019 so don't delay. Prices are subject to change without notice

OBJECTIVES

A full set of objectives for each session will be available online at www.pediatric-anesthesiology-foundation.org
For space considerations a limited number are presented here.

At the end of each session the learner should be able to or have a better understanding of:

Fires in the operating room – Jerrold Lerman, MD

1. To recognize the frequency of fires in the operating room
2. To identify the factors that predispose to surgical fires
3. To appreciate the steps needed to minimize the risk of and treat operating room fires

The impact of paralysis and ventilation on complications in the PeDI Registry – Annerly Garcia-Marcinkiewicz, MD

1. Determine the impact of planned ventilation technique on severe and non-severe complications in pediatric difficult airways
2. Determine the incidence of muscle relaxant use in difficult airways
3. Describe the incidence of switching from the planned ventilation technique to another ventilation technique

Sepsis Updates – Todd Kilbaugh, MD

1. Demonstrate an understanding of sepsis and severe sepsis
2. Understand the current literature on sepsis in the pediatric population and discuss relevant clinical applications
3. Summarize current fluid and pharmacologic guidelines for patients with sepsis

The surgeon's perspective: repair of tracheoesophageal fistula – Eveline Shue, MD

1. The surgical types of tracheoesophageal fistula
2. The preoperative workup necessary for patients with tracheoesophageal fistula
3. Anesthetic techniques which can improve the ease of surgical repair

Pediatric Advance Life Support update – Annerly Garcia-Marcinkiewicz, MD

1. Identify American Heart Association pre-arrest care updates
2. Compare and contrast effectiveness of Extracorporeal Membrane Oxygenation (ECMO) resuscitation to standard resuscitation without ECMO
3. Discuss the use of post-cardiac arrest factors to accurately predict outcomes

Direct laryngoscopy: a skill rarely taught – Jerrold Lerman, MD

1. To appreciate the history of direct laryngoscopy in anesthesiology
2. To learn how best to use laryngoscopes for direct laryngoscopy in children
3. To recognize complications from the use of direct laryngoscopy
4. To compare direct and indirect (video) laryngoscopy

Closed head injury and anesthesia – Todd Kilbaugh, MD

1. Discuss the burden of concussion in a pediatric surgical population
2. Describe the effects of traumatic brain injury on cerebral hemodynamics
3. Describe the best anesthesia practice in pediatric patients with concussion.

What am I looking at? Physics and Pitfalls of the monitors we depend on – Justin Lockman, MD

1. State indications for, and physics behind, commonly used monitors
2. Describe and avoid common monitoring pitfalls
3. Explain when (and why) to disregard monitors

Are anesthesiologists ready for artificial intelligence – Randall Wetzel, MB BS

1. Machine learning techniques that can be used to analyze data that do not require or use a hypothesis
2. Means of identifying the closest similar patient based upon physiologic parameters
3. The application of large data sets to answer clinical questions in pediatric anesthesia

Anesthesia for the child with Trisomy 21 – Marla Matar, MD

1. Describe the distinct anatomical and physiological concerns in the patient with Trisomy 21
2. Describe the timing and work-up for atlanto-occipital instability
3. Describe common anesthetic procedures often needed in patients with Trisomy 21

Pro / Con Debate: Deep extubation.— Tiffany Frazee, MD and Patrick Ross, MD

1. The potential additional risks of airway complications with deep extubation
2. The potential benefits to reduced patient trauma and anxiety with deep extubation
3. The potential risks that occur with coughing that occur with awake extubation

Breaking through cultural inertia to achieve gender equity – Sonya Erickson, JD

1. The importance and benefits to an organization of investing in gender diversity
2. Inclusion and specific strategies for recruiting and retaining women physicians
3. Supporting female advancement into leadership
4. Promoting a culture of inclusion that attracts women to the profession

Can we really use Social Media for our CMEs?– Sapna Kudchadkar, MD PhD

1. Describe the mechanisms by which social media interactions can be documented as continuing medical education
2. Describe professional conduct for medical social media
3. Describe how to best share content on social media with remote learners to increase their medical knowledge

Emergence Delirium – Sapna Kudchadkar, MD PhD

1. Describe the current definition of emergence delirium
2. Describe various treatment modalities to reduce emergence delirium
3. Identify the population and surgical risk factors for the development of emergence delirium

Pulmonary Hypertension – Kristin Richards, MD

1. Discuss the diagnosis, etiology, and management of pulmonary hypertension
2. Review the classification and clinical manifestations of pulmonary hypertension
3. Describe the anesthetic implications and perioperative management of pulmonary hypertension
4. Identify, prevent, and treat pulmonary hypertensive crisis

Updates on Regional Anesthesia – Eugene Kim, MD

1. Increased use of specific regional anesthesia techniques in pediatrics
2. The use of ultrasound to decrease risks of regional anesthesia
3. Maximal amounts of local anesthetics to be safely used in pediatrics
4. The use of adjunctive agents to supplement regional anesthesia

Suggamedex: Beyond the rose-colored glasses – Abhishek Karmwal, MD

1. Understand the pharmacokinetics and pharmacodynamics of Suggamedex
2. Describe the history the FDA approval process for Suggamedex and current after-marketing surveillance data
3. Discuss dosing recommendations for Suggamedex

Anesthesia Jeopardy – Marissa Bell, MD, Jennifer Lau, MD, Rebecca Margolis, DO

1. Answer high yield pediatric physiology questions
2. Identify treatments for emergencies that are unique to pediatric patients
3. Recognize unique anatomic considerations in children
4. Reinforce key learning points from conference presentations

REGISTRATION

REGISTRATION FORM

57TH CLINICAL CONFERENCE IN PEDIATRIC ANESTHESIOLOGY

Name & Credentials

Practicing Hospital

Mailing Address

Phone

E-mail

REGISTRATION

The appropriate registration fee for full or partial attendance must accompany the application. In the event of cancellation, \$50.00 will be retained by the Foundation as an administrative fee. No refunds will be made after January 10, 2019.

FEES

EARLY REGISTRATION (Through January 8, 2019)

- Physicians, CRNAs \$450
- Fellows/Residents \$275
- Nurses, Anesthesia Techs \$275

REGULAR REGISTRATION (After January 9, 2019)

- Physicians, CRNAs \$550
- Fellows/Residents \$325
- Nurses, Anesthesia Techs \$325

***10% group discount rate for Resident/Trainees/SRNAs groups of more than 5 members from the same facility. Pre registration and group payment is required. Deadline: January 18, 2019.*

PAYMENTS

Payments are accepted by Credit Card or check.

On-line registration and payment available on our website at: www.pediatric-anesthesiology-foundation.org

Make Check Payable: **PEDIATRIC ANESTHESIOLOGY FOUNDATION**

Tax ID# 23-7013816

And Mail To:

Children's Hospital Los Angeles
Department of Anesthesiology
4650 Sunset Blvd., Mailstop #3
Los Angeles, CA 90027

INFORMATION

For more information please contact Rosie Zesati, MAM, Pediatric Anesthesia Program Manager by phone at (323) 361-5591, by fax at (323) 361-1001, or via e-mail at rzesati@chla.usc.edu