



AT THE FOREFRONT

**UChicago**  
**Medicine**

**UCHICAGO MEDICINE**

Department of Anesthesia & Critical Care

33RD ANNUAL CONFERENCE

# CHALLENGES FOR CLINICIANS

## CONFERENCE DIRECTORS

Peter Nagele, MD, MSc

Avery Tung, MD, FCCM

Register online at:

<https://cme.uchicago.edu/Challenges2019>

**DEC**  
**6-8**  
**2019**

**THE DRAKE HOTEL**  
140 E Walton Place  
Chicago, Illinois 60611

# CONFERENCE DESCRIPTION

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**The scope and complexity of anesthesia care has dramatically increased along with the evolving landscape of perioperative medicine.** New techniques, new drugs, new evidence, and new quality and safety concerns all play a role in today's practice environment. Increasingly, we need to know how to make good care decisions, evaluate and apply evidence, maximize safety, and measure outcomes. This conference will focus on how to optimize perioperative care to function in today's perioperative environment.

## LEARNING OBJECTIVES

At the conclusion of this educational activity, participants will be able to:

- *Describe drivers trends in article selection including impact factor, readership, and relevance to anesthesiology practice;*
- *Discuss current knowledge regarding the pathophysiology and clinical course of neurological injuries after obstetric anesthesia;*
- *Identify the indications for and the most common types of neurophysiological monitoring;*
- *Indicate approaches and strategies to maximize the success and minimize the risk of pediatric difficult airway management;*
- *Select the best clinical approach to regional anesthesia for knee surgery using the latest clinical research;*
- *Analyze how patients and physicians balance competing concerns regarding the use of anesthesia in real world conditions using existing literature;*
- *Highlight common behaviors during anesthesia simulation that affect the response to perioperative critical events.*

## TARGET AUDIENCE

The target audience includes anesthesiologists, certified registered nurse anesthetists and other clinicians and health care professionals working with a variety of patients and practice settings.

## ACCREDITATION STATEMENT

The University of Chicago Pritzker School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

## CREDIT DESIGNATION STATEMENT

The University of Chicago Pritzker School of Medicine designates this live activity for a maximum of 17 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses and other healthcare professionals will receive a certificate of participation. For information on the applicability and acceptance of certificates of participation for educational activities certified for *AMA PRA Category 1 Credit™* from organizations accredited by the ACCME, please consult your professional licensing board.

## EDUCATIONAL GRANTS/ COMMERCIAL SUPPORT

A complete listing of commercial support received will be provided in the conference materials.

## LOCATION AND ACCOMMODATIONS

**Come and enjoy the holiday season in Chicago!** The conference sessions will be held at the Drake Hotel, one of Chicago's finest hotels, located on Michigan Avenue, the "Magnificent Mile."

We are pleased to offer a special rate for conference attendees. **Special rates start at**

**\$209\*** single/  
double  
occupancy



**Reservations for The University of Chicago Anesthesia Critical Care Conference must be made by November 8, 2019 to guarantee the reduced rate.**

- **To book online:** Go to <https://book.passkey.com/go/UOC2019>
- **By telephone:** Guests may call toll free at 1-800-55-DRAKE (1-800-553-7253) and ask for the special group rate.

**Due to the annual meeting of the Radiological Society, we strongly recommend you make your reservations early, as hotels in Chicago will be sold out.**

**TO HELP PLAN YOUR STAY IN CHICAGO VISIT: [WWW.CHOOSCHICAGO.COM](http://WWW.CHOOSCHICAGO.COM)**

Chicago is truly a city with something for everyone!

### DISCLOSURE DECLARATIONS

As a provider accredited by the ACCME, The University of Chicago Pritzker School of Medicine asks everyone who is in a position to control the content of an education activity to disclose all relevant financial relationships with any commercial interest. This includes any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients. The ACCME defines "relevant financial relationships" as financial relationships in any amount, occurring within the past 12 months, including financial relationships of a spouse or life partner that could create a conflict of interest. Mechanisms are in place to identify and resolve any potential conflict of interest prior to the start of the activity.

Additionally, The University of Chicago Pritzker School of Medicine, requires authors to identify investigational products or off-label uses of products regulated by the US Food and Drug Administration, at first mention and where appropriate in the content.

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The University of Chicago reserves the right to cancel or postpone this conference due to unforeseen circumstances. In the unlikely event this activity must be cancelled or postponed, the registration fee will be refunded; however, The University of Chicago is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.

\* All rates are subject to state and city taxes. All reservations must be secured via a valid major credit card. Check-in time is 3 pm and check-out time is 12 pm.

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# CONFERENCE FACULTY

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## Guest Faculty

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### **Yehuda Ginosar, MD**

Professor of Anesthesiology  
Developmental, Regenerative and  
Stem Cell Biology Program  
Neurosciences Program  
Washington University  
St. Louis, MO

### **Narasimhan Jagannathan, MD, MBA**

Professor of Anesthesiology  
Northwestern University  
Feinberg School of Medicine  
Chicago, IL

### **Thomas R. Vetter, MD, MPH**

Director of Perioperative Care  
Department of Surgery and Perioperative Care  
Professor, Department of Surgery and  
Perioperative Care  
Courtesy Professor, Department of Population  
Health  
University of Texas at Austin  
Dell Medical School  
Austin, TX

## UChicago Faculty

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### **Emma Levine, PhD**

Assistant Professor of Behavioral Science  
William S. Fishman Faculty Scholar

### **John List, PhD**

Professor of Department of Economic

## UChicago Faculty – Department of Anesthesia and Critical Care

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### **David Glick, MD, MBA**

Professor  
Department of Anesthesia & Critical Care  
Medical Director, Post-Anesthesia Care Unit

### **Keith Ruskin, MD**

Professor  
Department of Anesthesia & Critical Care

### **Julio Gonzalez-Sotomayor, MD**

Associate Professor  
Department of Anesthesia & Critical Care

### **Stephen Small, MD**

Associate Professor  
Department of Anesthesia & Critical Care  
Director, UC Simulation

### **Allan Klock, MD**

Professor  
Department of Anesthesia & Critical Care  
Vice-Chairman for Clinical Affairs

## Conference Co-Chairs

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### **Peter Nagele, MD, MSc**

Professor & Chair  
Department of Anesthesia and Critical Care

### **Avery Tung, MD, FCCM**

Professor and Quality Chief for Anesthesia  
Director of Critical Care Services, Burn Unit  
Department of Anesthesia and Critical Care

# CONFERENCE AGENDA

FRIDAY, DECEMBER 6, 2019

6:30 am	<b>REGISTRATION AND CONTINENTAL BREAKFAST</b>
7:15	<b>WELCOME AND INTRODUCTION</b>
7:30	<b>Expanding the Role of Anesthesiology and Perioperative Medicine</b> Thomas Vetter, MD, MPH
8:15	<b>Neurological Complications of Obstetric Regional Anesthesia: Current Management?</b> Yehuda Ginosar, MD
9:00	<b>Does RA Affect Perioperative Outcomes in 2019?</b> Julio Gonzalez-Sotomayor, MD
9:45	<b>Q&amp;A</b>
10:00	<b>REFRESHMENT BREAK</b>
10:30	<b>Neuromonitoring in 2019</b> Keith Ruskin, MD
11:15	<b>Decision Scenarios I</b> University of Chicago Anesthesia & Critical Care Faculty
12:00 pm	<b>Difficult Airway Management in Pediatrics; Approaches for Success</b> Narasimhan Jagannathan, MD, MBA
12:45	<b>Q&amp;A</b>

SATURDAY, DECEMBER 7, 2019

6:45 am	<b>REGISTRATION AND CONTINENTAL BREAKFAST</b>
7:30	<b>Current and Future State of the Art in Airway Management</b> Allan Klock, MD
8:15	<b>Is there an Optimal Anesthetic Technique for Knee Surgery?</b> Julio Gonzalez-Sotomayor, MD
9:00	<b>The Medical Literature in 2019</b> Thomas Vetter, MD, MPH
9:45	<b>Decision Scenarios II</b> University of Chicago Anesthesia & Critical Care Faculty
10:30	<b>Q&amp;A</b>
10:45	<b>REFRESHMENT BREAK</b>
<b>BEYOND MEDICINE</b>	
11:15	<b>(Mis)communication in Medicine: Doctor-Patient Asymmetries and What They Tell Us about Moral Judgment</b> Emma Levine, PhD
11:45	<b>Using Economic Field Experiments to Change the World</b> John List, PhD
12:15	<b>Q&amp;A</b>

12:30 pm	<b>LUNCH PROVIDED FOR AFTERNOON WORKSHOP ATTENDEES</b>
1:00	<b>Airway Workshop</b> Allan Klock, MD & University of Chicago Anesthesia & Critical Care Faculty
4:30	<b>AIRWAY WORKSHOP ADJOURNS</b>

SUNDAY, DECEMBER 8, 2019

7:00 am	<b>CONTINENTAL BREAKFAST</b>
7:30	<b>Behaving Under Pressure: Lessons from Simulation</b> Stephen Small, MD
8:15	<b>Of Sheep and Humans: the Evolution of Blood Pressure Treatment During Obstetric Spinal Anesthesia?</b> Yehuda Ginosar, MD
9:00	<b>Pediatric Airway Management: A Problem-Based Learning Discussion</b> Narasimhan Jagannathan, MD, MBA
9:45	<b>Q&amp;A</b>
10:00	<b>REFRESHMENT BREAK</b>
10:30	<b>Delirium and POCD in 2019</b> Avery Tung, MD, FCCM
11:15	<b>Anesthesia and Patient Satisfaction. Better Care, Unintended Consequences, or Both?</b> David Glick, MD
11:45	<b>Q&amp;A</b>
12:00 pm	<b>CONFERENCE ADJOURNED</b>

# CONFERENCE AGENDA

## OPTIONAL AIRWAY WORKSHOP – Saturday, December 7th

### Airway Workshop — Saturday, December 7th, 1:00pm – 4:30pm

The advanced airway workshop reviews emergency surgical airway techniques based on new evidence that has been collected since 2015. It offers hands-on training for emergency surgical airway access using a 3D-printed larynx model with fresh pig skin overlay or a fresh pig larynx and trachea preparation. Other workstations will include virtual reality bronchoscopic intubation simulation of normal and difficult airway anatomy, awake intubation made easy, preventing airway injuries, basic and advanced lung separation as well as direct and video laryngoscopy and bronchoscopy in various anatomic models. **This hands-on workshop is open to all registered participants for an additional fee of \$200.**

\*Lunch will be provided for all optional workshop participants.

## SATISFY YOUR MOCA REQUIREMENTS – Thursday, December 5th

### The University of Chicago Simulation Center — MOCA® Training is an American Society of Anesthesiologists endorsed program.

The American Society of Anesthesiologists' Simulation Education Program is the culmination of consultation among leaders in anesthesia simulation. The Program advocates the promotion of learning through simulation and specifically approves programs of quality in anesthesiology simulation training. The Committee on Simulation Education oversees the Simulation Education Network that provides training to satisfy the American Board of Anesthesiology's Maintenance of Certification in Anesthesiology (MOCA®) requirements.

Members of ASA and the simulation community will benefit from this Program as it promotes patient safety through refinement of training and team enhancement. This simulation course fulfills one requirement of the American Board of Anesthesiology's (ABA) Maintenance of Certification in Anesthesiology Program (MOCA®) Part IV. Please consult the ABA website, [www.theABA.org](http://www.theABA.org), for a list of all MOCA® requirements.

**DISCOUNTED FEE:** \$1,500 – Thursday, December 5th | 8am – 4pm | Register early as MOCA participation is limited to 4 applicants. We will provide transportation to/from Drake Hotel and University of Chicago Simulation Center.

#### Learning Objectives:

- Manage a patient with significant hemodynamic instability;
- Manage a patient with significant hypoxemia from any cause, including difficult airway management;
- Utilize the principles and practice of teamwork and communication.

#### Accreditation and Credit Designation:

The University of Chicago Pritzker School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Chicago Pritzker School of Medicine designates this live activity for a maximum of **7 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## REGISTRATION FORM - REGISTRATION FEE

All registration fees include an electronic syllabus (thumb drive), continental breakfasts, refreshment breaks, and reception. For those purchasing an optional workshop, lunch will be provided. The conference fee for residents or nurse anesthetists in training, with letter of verification, is \$375 before 11/5/2019, \$475 after, and does not include any of the optional workshops. While registration is open until the start of the conference, we encourage early registration to enable us to provide the best possible service to participants.

Payment Worksheet	Before 10/19	After 10/19	
Anesthesiologists & Nurse Anesthetists (Optional workshop not included)	<input type="checkbox"/> \$790	<input type="checkbox"/> \$850	\$ _____
Residents or Student Nurse (With verification letter - optional workshop not included)	<input type="checkbox"/> \$375	<input type="checkbox"/> \$475	\$ _____
Thursday, December 5th, MOCA® Training (8 am – 4 pm)			<input type="checkbox"/> \$1,500 \$ _____
<b>OPTIONAL AIRWAY WORKSHOP (Additional Fees Apply - Includes Lunch)</b> <b>Space is Limited • Pre-Registration Required with Full Registration</b>			
Saturday, December 7th, Airway Workshop (1:30 – 4:30 pm)			<input type="checkbox"/> \$200 \$ _____
<b>TOTAL DUE</b>			\$ _____


# REGISTRATION INFORMATION

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## HOW TO REGISTER

 **ONLINE** <https://cme.uchicago.edu/Challenges2019>

To pay by check, you must mail your registration with payment to:

 **MAIL** The University of Chicago  
Attn: Continuing Medical Education  
5841 S. Maryland Ave., MC1137  
Chicago, IL 60637

The registration fee includes symposium materials, an electronic syllabus, continental breakfast, refreshment breaks, lunch, welcome reception, and poster viewing. You may register online or via U.S. mail. **While registration is open until the start of the meeting, we encourage early registration to enable us to provide the best possible service to participants.**

## PAYMENT

Check enclosed (U.S. funds only), payable to **University of Chicago (Tax ID# 36-2177139)**

## CONTACT INFORMATION

Name \_\_\_\_\_ Degree \_\_\_\_\_

Specialty \_\_\_\_\_

Organization \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_

## PLEASE CHECK ALL THAT APPLY

You must check this box if you do not want your mailing address shared with conference participants and/or exhibitors (where applicable).

Do you plan to attend the Welcome Reception on Friday night?  Yes  No

Please tell us how you found out about this activity, check all that apply:

Colleague  Save the Date  Brochure  Internet  Email

Journal Ad  Previous Attendance  Other \_\_\_\_\_

## CANCELLATION POLICY

If you cancel your participation in this conference, your registration fee less a \$100 administrative fee will be refunded when written notification is received by November 5, 2019. **No refunds will be made after November 5, 2019.**

If you cancel your participation in the Airway Workshop, your registration fee less a \$25 administrative fee will be refunded when written notification is received by November 5, 2019. **No refunds will be made after November 5, 2019.**

If you cancel your participation in the MOCA Training, your registration fee less a \$100 administrative fee will be refunded when written notification is received by November 5, 2019. **No refunds will be made after November 5, 2019.**

## ACCESSIBILITY

The University of Chicago is committed to providing equal access appropriate to need and circumstance and complies fully with the legal requirements of the Americans with Disabilities Act. If you are in need of special accommodation, please contact our office at 773-702-3500 or via email at [dburke@dacc.uchicago.edu](mailto:dburke@dacc.uchicago.edu).

For additional information about this activity, please contact Donna Burke at 773-702-3500.



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December 6-8, 2019 | The Drake Hotel, Chicago, IL

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Department of Anesthesia & Critical Care  
5841 S. Maryland Ave., MC 4028  
Chicago, IL 60637

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