



ASSOCIATION OF ANESTHESIA CLINICAL DIRECTORS

PERIOPERATIVE LEADERSHIP SUMMIT



March 25-27, 2022
Perioperative Leadership Summit
Nashville, Tennessee

The Future of Operating Room Management is Past



Jointly Provided by the



American Society of
Anesthesiologists™

&



**Association of Anesthesia
Clinical Directors**

<http://www.aacdhq.org>

AACD 2022 Perioperative Leadership Summit
The Future of Operating Room Management is Past

Friday, March 25, 2022 *(all times are Central Time Zone)*

07:00-08:00 **Registration, breakfast, poster viewing (Sponsored)**

08:00-08:10 **Opening Remarks – Rebecca Barnett, MD**

Session 1: **The Operating Room of The Future: A Brave New World**

Part 1:

Moderator: **Rebecca Barnett, MD**

08:10-08:55 Jason S. Lane, MD Leadership Keynote Lecture

Warren Sandberg, MD, Vanderbilt University Medical Center

08:55-09:40 Designing the Operating Room of The Future

Wilton Levine, MD, Massachusetts General Hospital

09:40-10:00 Discussion

10:00-10:10 Break, exhibits, and poster viewing

Part 2:

Moderator: **Scott Engwall, MD, MBA**

10:10-10:55 Augmented Reality in Anesthesiology

Clyde Matava, University of Toronto²

10:55-11:40 Cost Benefit Analysis of Robotic Service Lines

Steven Schwaitzberg, MD, Univ. of Buffalo

11:40-12:00 Discussion

12:00-13:00 Lunch (Sponsored)

Session 2: **Hasta La Vista Doctor: Artificial Intelligence in Anesthesiology**

Part 1

Moderator: **Richard Urman, MD, MBA**

13:00-13:40 Machine Learning and Artificial Intelligence in Anesthesiology

Jonathan Wanderer, MD, Vanderbilt University Medical Center³

13:40-14:20 Harnessing AI to Drive Anesthesia Clinical Decision Support

Mark Deshure, MD, NorthShore University HealthSystem

14:20-14:40 Discussion

14:40-15:00 Abstract Competition – **Andrew Franklin, MD, MBA**

15:00-15:10 Break, exhibits, and poster viewing -

Part 2:

Moderator: **Mitchell Tsai, MD, MBA**

15:10-15:50 The Ethics of Big Data and Artificial Intelligence in Periop. Med.

Maxime Cannesson, MD, PhD, UCLA⁴

15:50-16:30 Artificial Intelligence Education in Anesthesiology: Are we Ready?

Heidi Goldstein, MD, Florida⁵

16:30-16:50 Discussion

17:00-18:30 Reception, beverages, and hors d'oeuvres

**AACD 2022 Perioperative Leadership Summit
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Saturday, March 26, 2022 (*all times are Central Time Zone*)

07:00-08:00 **Registration, breakfast, poster viewing**

08:00-08:10 **Opening Remarks – David Corey**

Session 3: **Cross Training for Anesthesia Clinical Directors**

Part 1:

Moderator: **Andrew Serdiuk, DO**

08:10-08:55 Aerospace Medicine and Safety: Applications to Anesthesiology

Brian T. Musselman, FAsMA, FRAeS, CAsP, CPPS, University of Vermont Medical Center

08:55-09:40 Military Leadership: Applications to Anesthesiology

David Moore, Vanderbilt University Medical Center

09:40-10:00 Discussion

10:00-10:10 Break, exhibits, and poster viewing

Part 2:

Moderator: **Thomas Schulte, MD**

10:10-10:55 Wellness 2.0 for Anesthesia Clinical Directors

Lydia Grondin, MD, University of Vermont

10:55-11:40 Cybersecurity: Protecting Yourself and Your Organization (Panel)

Marian Sherman, MD, George Washington University; Jaspinder Sra, MD, Univ. of Vermont; Thomas Schulte, MD, University of Nebraska

11:40-12:00 Discussion

12:00-13:00 Lunch

Session 4: **Leadership in the Wake of COVID-19: The Future is Past**

Part 1

Moderator: **Steven Boggs, MD, MBA**

13:00-13:40 Virtual Preoperative Evaluation: TeleHealth

Nirav Kamdar, MD, MBA, UCLA⁷

13:40-14:20 Virtual Medical Education

Shalini Shah, MD, UC Irvine

14:20-14:40 Discussion

14:40-15:00 Abstract Competition

15:00-15:10 Break, exhibits, and poster viewing

Part 2:

Moderator: **Andrew Franklin, MD, MBA**

15:10-15:50 Kotter's 8-Stage Change Management Paradigm during COVID-19

Pavithra Ellison, MD, West Virginia

15:50-16:30 Preparing Healthcare Systems for the Next Pandemic

Jaideep Pandit, MD, UK

16:30-16:50 Discussion

17:00-18:30 Reception, beverages, and hors d'oeuvres

AACD 2022 Perioperative Leadership Summit
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Sunday, March 27, 2022 *(all times are Central Time Zone)*

07:00-08:00 **Registration, breakfast, poster viewing**

08:00-08:05 **Opening Remarks – David Corey**

08:05-08:10 **Abstract Winners – **Andrew Franklin, MD, MBA****

Session 5: **The Anesthesiologist has left the Operating Room: For Good?**

Part 1:

Moderator:

Jill Kilkelly, MD

08:10-08:55

AI in Critical Care, Obstetrics, and Pain Management

Piyush Mathur, MD, Cleveland Clinic⁹

08:55-09:40

The Future of Office Based Anesthesia

Leopoldo Rodriguez, MD, Aventura FL

09:40-10:00

Discussion

10:00-10:10

Break, exhibits, and poster viewing

Part 2:

Moderator:

Chinyere Archi, MD

10:10-10:55

Getting Beyond the Anesthesiology Department

Michael Mathis, MD, University of Michigan Health¹⁰

10:55-11:40

The Future of the Perioperative Surgical Home

Matthew Sherrer, MD, MBA, UAB¹¹

11:40-12:00

Discussion

12:00-12:10

Concluding Remarks - **Rebecca Barnett, MD**



1. <https://www.nytimes.com/2021/05/05/health/operating-rooms-change-technology.html>
2. <https://www.youtube.com/watch?v=1W2aHM53sDo>
3. Hofer IS, Burns M, Kendale S, Wanderer JP. Realistically Integrating Machine Learning Into Clinical Practice: A Road Map of Opportunities, Challenges, and a Potential Future. *Anesth Analg*. 2020 May;130(5):1115-1118.
4. Canales C, Lee C, Cannesson M. Science Without Conscience Is but the Ruin of the Soul: The Ethics of Big Data and Artificial Intelligence in Perioperative Medicine. *Anesth Analg*. 2020 May;130(5):1234-1243.
5. Goldstein HV, Goldstein JC. Perioperative automation: Time to become artificial intelligence literate? Response to Br J Anaesth 2020; 125: 843-6. *Br J Anaesth*. 2021 Feb;126(2):e59-e61.
6. Ruskin KJ, Corvin C, Rice SC, Winter SR. Autopilots in the Operating Room: Safe Use of Automated Medical Technology. *Anesthesiology*. 2020 Sep;133(3):653-665.
7. Kamdar NV, Huverserian A, Jalilian L, Thi W, Duval V, Beck L, Brooker L, Grogan T, Lin A, Cannesson M. Development, Implementation, and Evaluation of a Telemedicine Preoperative Evaluation Initiative at a Major Academic Medical Center. *Anesth Analg*. 2020
8. Shah S, Diwan S, Kohan L, Rosenblum D, Gharibo C, Soin A, Sulindro A, Nguyen Q, Provenzano DA. The Technological Impact of COVID-19 on the Future of Education and Health Care Delivery. *Pain Physician*. 2020 Aug;23(4S):S367-S380. PMID: 32942794.
9. Mathur P, Burns ML. Artificial Intelligence in Critical Care. *Int Anesthesiol Clin*. 2019 Spring;57(2):89-102.
10. Mathis MR, Schonberger RB, Whitlock EL, Vogt KM, Lagorio JE, Jones KA, Conroy JM, Kheterpal S. Opportunities Beyond the Anesthesiology Department: Broader Impact Through Broader Thinking. *Anesth Analg*. 2021 Mar 8.
11. <https://www.bizjournals.com/birmingham/news/2015/10/26/how-this-birmingham-doctor-plans-to-disrupt.html>
12. Kreamer L, Stock G, Rogelberg S. Optimizing Virtual Team Meetings: Attendee and Leader Perspectives. *Am J Health Promot*. 2021 Jun;35(5):744-747.