



**Mayo Clinic Symposium on Anesthesia and Perioperative Medicine
March 1-3, 2018**

PROGRAM SCHEDULE

Thursday, March 1, 2018

6:30 a.m. Registration and Continental Breakfast

Moderator: Daniel R. Brown, M.D., Ph.D.

7:00 a.m. Perioperative Conundrums – What Would You Do?

Daniel R. Brown, M.D., Ph.D., Professor of Anesthesiology, College of Medicine

Mark T. Keegan, M.D., Professor of Anesthesiology, College of Medicine

Brian W. Pickering, M.B.B.Ch., Associate Professor of Anesthesiology, College of Medicine

Objective: Describe optimal vasopressor management in acute sepsis

8:00 a.m. Break

8:15 a.m. Multimodal analgesia in the perioperative care of the cardiac surgical patient

Erica D. Wittwer, M.D., Ph.D., Assistant Professor of Anesthesiology, College of Medicine

Objective: Discuss multimodal analgesia in the perioperative care of cardiac surgical patients

8:45 a.m. Prothrombin complex concentrates: What today's anesthesia providers should know

Mark M. Smith, M.D., Assistant Professor of Anesthesiology, College of Medicine

Objective: Review the role of prothrombin complex concentrates in perioperative management

9:15 a.m. My patient is weak: Updates on neuromuscular monitoring

J. Ross Renew, M.D., Assistant Professor of Anesthesiology, College of Medicine

Objective: Differentiate current monitoring techniques for neuromuscular blockade

9:45 a.m. Perioperative pulmonary protection strategies

J. Kyle Bohman, M.D., Assistant Professor of Anesthesiology, College of Medicine

Objective: Describe optimal vasopressor management in acute sepsis

10:15 a.m. Q&A Panel Discussion

10:30 a.m. Break

11:00 a.m. Anesthesia, delirium and dementia: Myth or reality

Juraj Sprung, M.D., Ph.D., Professor of Anesthesiology, College of Medicine

Objective: Examine the influence of anesthesia on the development of dementia

11:30 a.m. Should peripheral nerve blockade remain in clinical pathways for THA?

Rebecca L. Johnson, M.D., Assistant Professor of Anesthesiology, College of Medicine

Objective: Discuss the role of peripheral nerve blockade in total hip arthroplasty

12:00 p.m. Anesthesia for the developing brain

Molly B. Kraus, M.D., Senior Associate Consultant

Objective: Describe how the developing brain is affected by anesthesia exposure

12:30 p.m. CLABSI Prevention - It's Not Just for Intensivists

Richard K. Patch, M.D., Instructor in Medicine, College of Medicine; Assistant Professor of Anesthesiology, College of Medicine

Objective: Determine strategies to prevent central line associated blood stream infections

1:00 p.m. Q&A Panel Discussion

1:15 p.m. Day Adjourns

Friday, March 2, 2018

6:30 a.m. Registration and Continental Breakfast

Moderator: Adam K. Jacob, M.D.

7:00 a.m. **More Perioperative Conundrums – What Would You Do?**

Adam K. Jacob, M.D., Associate Professor of Anesthesiology, College of Medicine

Hugh M. Smith, M.D., Ph.D., Assistant Professor of Anesthesiology, College of Medicine

Adam D. Niesen, M.D., Assistant Professor of Anesthesiology, College of Medicine

Objective: Describe how multimodal analgesia impacts patient recovery outcomes after orthopedic surgery

8:00 a.m. Break

8:15 a.m. **Update on perioperative glucose management**

Timothy B. Curry, M.D., Ph.D., Associate Professor of Anesthesiology, College of Medicine

Objective: Identify key aspects of perioperative glucose management

8:45 a.m. **Pacemakers from past to present: Perioperative management in the 21st century**

Archer K. Martin, M.D., Assistant Professor of Anesthesiology, College of Medicine

Objective: Identify key aspects of perioperative pacemaker management

9:15 a.m. **Emerging ideas on pediatric blood pressure management**

Stephen J. Gleich, M.D., Assistant Professor of Anesthesiology and Pediatrics, College of Medicine

Objective: Examine current evidence on appropriate perioperative pediatric blood pressure management

9:45 a.m. **Legal Vignettes: It's not only about the intraoperative course**

Christopher M. Burkle, M.D., J.D., Associate Professor of Anesthesiology, College of Medicine

Objective: Describe the critical elements of the informed consent process

10:15 a.m. Q&A Panel Discussion

10:30 a.m. Break

11:00 a.m. **Critical care update for anesthesia providers**

Joseph A. Hyder, M.D., Ph.D., Assistant Professor of Anesthesiology, College of Medicine

Objective: Determine critical care management principles applicable to intraoperative patient care

11:30 a.m. **Stay current: Neuraxial ultrasound in obstetrics**

Emily E. Sharpe, M.D., Instructor in Anesthesiology, College of Medicine

Objective: Describe key sonoanatomic landmarks during neuraxial ultrasound

12:00 p.m. **Opioid-induced hyperalgesia: Perioperative management of the opioid-tolerant patient**

Jennifer L. Goins, M.D., Instructor in Anesthesiology, College of Medicine

Objective: Discuss the mechanism of opioid-induced hyperalgesia

12:30 p.m. **Professionalism in the operating room**

Terrence L. Trentman, M.D., Professor of Anesthesiology, College of Medicine

Objective: Review the importance of professionalism in the operating room

1:00 p.m. Q&A Panel Discussion

1:15 p.m. Day Adjourns

Saturday, March 3, 2018

6:30 a.m. Registration and Continental Breakfast

Moderator: Sorin J. Brull, M.D.

7:00 a.m. **More Perioperative Conundrums – What Would You Do?**

Daniel R. Brown, M.D., Ph.D., Professor of Anesthesiology, College of Medicine

Sorin J. Brull, M.D., Professor of Anesthesiology, College of Medicine

Harish Ramakrishna, M.D., Professor of Anesthesiology, College of Medicine

Adam K. Jacob, M.D., Associate Professor of Anesthesiology, College of Medicine

Objective: Examine the key findings in serotonin syndrome

8:00 a.m. Break

8:15 a.m. **Working in the world's most dangerous places: Lessons learned for here and there**

James R. Munis, M.D., Ph.D., Assistant Professor of Physiology, College of Medicine

Associate Professor of Anesthesiology, College of Medicine

Objective: Identify key aspects of perioperative management of trauma patients

8:45 a.m. **Is my patient too sick for outpatient EGD?**

Ryan M. Chadha, M.D., Assistant Professor of Anesthesiology, College of Medicine

Objective: Review criteria for screening patients to undergo outpatient procedures

9:15 a.m. **Pediatric NPO conundrums**

Kelly J. Doolittle, M.D., Instructor in Anesthesiology, College of Medicine

Objective: Describe recommended NPO practice guidelines for pediatric patients

9:45 a.m. **What would you do? Anesthetic challenges on the obstetric ward**

Hans P. Sviggum, M.D., Assistant Professor of Anesthesiology, College of Medicine

Objective: Differentiate the risks and benefits of analgesic options for parturients undergoing cesarean delivery

10:15 a.m. Q&A Panel Discussion

10:30 a.m. Break

11:00 a.m. **Concussion and anesthesia implications**

Arney S. Abcejo, M.D., Assistant Professor of Anesthesiology, College of Medicine

Objective: Determine optimal intraoperative management of patients with acute concussion

11:30 a.m. **Perioperative volume management: When did drier become better?**

Jonathan E. Charnin, M.D., Assistant Professor of Anesthesiology, College of Medicine

Objective: Examine current perioperative fluid management recommendations

12:00 p.m. **Transpulmonary pressure monitoring in ventilated patients: An overview**

Brendan T. Wanta, M.D., Assistant Professor of Anesthesiology, College of Medicine

Objective: Discuss the value of transpulmonary pressure monitoring in mechanically ventilated patients

12:30 p.m. **Pectus excavatum surgery: An anesthesia odyssey**

Joshua D. Stearns, M.D., Assistant Professor of Anesthesiology, College of Medicine

Objective: Identify key management principles of pectus excavatum surgery

1:00 p.m. Q&A Panel Discussion

1:15 p.m. Day Adjourns