



MSA

Minnesota Society
of Anesthesiologists

2019 Fall Conference Syllabus

November 16, 2019

Radisson Blu Mall of America

Bloomington, Minnesota

Up to 6.25 *AMA PRA Category 1 Credit(s)*[™]
and 6.25 *MOCA 2.0*[®] *Credit(s)*

Welcome



Dear Colleagues,

Welcome to the Minnesota Society of Anesthesiologists (MSA) Fall Conference! As always, this conference is a great venue to network with colleagues around the state and explore some advances in our field of anesthesiology.

At this year's Fall Conference, we are excited to welcome several local experts in addition to Dr. Francis Salinas, a regional anesthesia guru from the Virginia Mason Medical Center. The conference's agenda includes expert speakers on the topics of intraoperative mechanical ventilation, perioperative concussions, regional anesthesia and the establishment of perioperative surgical homes for orthopedic surgery. The second half of this fall's agenda is a hands-on ultrasound and regional anesthesia workshop including suprascapular, subsartorial and IPACK blocks plus transthoracic echocardiography and basic lung ultrasound.

Finally, we're excited to announce the first ever Annual Conference, held April 17-19, 2020, at the Radisson Blu Mall of America! The MSA Education Committee is listening to member and attendee feedback and has decided to move from a spring and fall conference to one annual conference. We value our attendee's time and hope that in providing one longer conference with more than double the continuing medical education credit, it will encourage members to take advantage of these didactic educational opportunities. Between this move to an annual conference and the CME opportunities provided by the Wisconsin Society of Anesthesiologists Annual Meeting each September, we hope that MSA members will take advantage of these member benefits throughout the year.

I hope to see you at the MSA Fall Conference on November 16. This is a great opportunity for us to learn from many experts in our field, advance our quality of care and explore new regional techniques.

Sincerely,

J. Kyle Bohman, MD
Chair, MSA Education Committee

Planning Committee

J. Kyle Bohman, MD
Chair, MSA Education Committee
Assistant Professor of Anesthesiology
Mayo Clinic
Rochester, Minnesota



Adam Niesen, MD
Assistant Professor of
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Mayo Clinic
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Mojca Konja, MD, PhD
Residency Program Director
Vice Chair of Education
University of Minnesota
Minneapolis, Minnesota

Parking

Complimentary self-parking is available in the East and West parking ramps. If you are a registered hotel guest and parking overnight in either ramp, you must bring the make and model of your vehicle, as well as your license plate number, to the hotel front desk upon check-in. The hotel team will inform the Mall of America team of your information. Mall of America's team will tow cars which are parked overnight in either ramp that have not been registered with the hotel as staying at the hotel on that same night.

WiFi

Complimentary WiFi access is offered in the meeting space at the MSA Fall Conference. To access the WiFi, simply connect to the network "RadissonBlu", open your web browser and click on non-guest. Enter the password, "FIRELAKE" and click on the acceptance button once prompted.

Agenda

- 7:00- 7:55am: **Registration & Coffee with Exhibitors**
- 7:55 - 8:00am: **Welcome Remarks**
J. Kyle Bohman, MD, Mayo Clinic
- 8:00 - 8:35am: **Update on Intraoperative Mechanical Ventilation**
Anna Budde, MD, University of Minnesota
- 8:35 - 9:10am: **Perioperative Considerations of Concussion: Is This a Vulnerable Brain?**
Arnoley Abcejo, MD, Mayo Clinic
- 9:10 - 9:25am: **Question & Answer Panel**
- 9:25 - 10:05am: **Break with Exhibitors**
- 10:05 - 10:30am: **Legislative Update**
Nate Mussell, JD, Lockridge, Grindal Nauen
- 10:30 - 11:00am: **Motor-Sparing Blocks for Major Joint Surgery**
Francis Salinas, MD, Swedish Medical Center, Issaquah Hospital
- 11:00 - 11:45am: **OASIS and the Perioperative Surgical Home**
Hugh Smith, MD, PhD, Mayo Clinic
- 11:45 - 12:00pm: **Question & Answer Panel**
- 12:00 - 1:00pm: **Luncheon with Exhibitors**
- 1:00 - 3:30pm: **Regional Anesthesia and Point of Care (POCUS) Ultrasound Workshops**
"Ask the Expert" Regional Anesthesia (Featuring the Following Blocks):
- **IPACK and Popliteal Plexus Block**
Francis Salinas, MD, Swedish Medical Center, Issaquah Hospital
 - **Suprascapular and Superior Trunk Block**
Adam Amundson, MD, Mayo Clinic
 - **Erector Spinae Blocks**
Hari Kalagara, MD, University of Alabama at Birmingham
 - **Subsartorial/Adductor Canal Block**
Jason Panchamia, DO, Mayo Clinic
- Introduction to Point of Care Ultrasound:**
- **Subcostal 4-Chamber View Transthoracic Echocardiography**
Monica Lupei, MD, University of Minnesota
 - **"Rule Out Pneumothorax" Lung Ultrasound**
Sudarshan Setty, BS, MB, University of Minnesota
- 3:30pm: **Adjournment**

Accreditation

Faculty Disclosures

The following disclosure information below is provided to learners and contains the relevant financial relationships that individuals in a position to control the content disclosed to Amedco.

All individuals in a position to control the content of CE are listed in the program book and have disclosed they have no relevant financial relationships.

CME Accreditation Statement

In support of improving patient care, this activity has been planned and implemented by Amedco LLC and the Minnesota Society of Anesthesiologists. Amedco LLC is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.



Credit Designation Statement

Amedco LLC designates this live activity for a maximum of **6.25 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ABA MOCA Credit®

This activity contributes to the patient safety CME requirement for Part II: Lifelong Learning and Self-Assessment of the American Board of Anesthesiology's (ABA) redesigned Maintenance of Certification in Anesthesiology Program® (MOCA®), known as MOCA 2.0™. Please consult the ABA website, www.theABA.org, for a list of all MOCA 2.0 requirements. Maximum of 6.25 hours available. **You must request your certificate within 30 days of the activity to meet the deadline for submission to PARS.**

Claiming Your Credit

To claim your CME and/or MOCA® credit, visit MSA.CmeCertificateOnline.com. Click on the "MSA 2019 Fall Conference" link, complete the survey and print your certificate. Questions? Email Certificate@AmedcoEmail.com.

You MUST deduct your MOCA® credit claimed from the total amount of CME credits offered. For instance, if you claim all 2.0 MOCA® credits, you can only claim 4.25 CME credit, for a total of 6.25 credits.

Learning Objectives

As a result of participation in this CME activity, learners should be able to:

Update on Intraoperative Mechanical Ventilation

1. Define the types of ventilator associated lung injury.
2. List strategies to prevent post-operative pulmonary complications.
3. Apply evidence-based practices for intraoperative mechanical ventilation in special cases such as one lung ventilation and cardiopulmonary bypass.

Perioperative Considerations of Concussion: Is this a Vulnerable Brain?

1. Describe the epidemiology and health care impact of concussion and traumatic brain injury.
2. Understand the symptoms, pathophysiology and risks for concussion and post-concussion syndrome.
3. Translate new knowledge to effectively care for patients in the perioperative setting after recent concussion.

Motor-sparing Nerve Blocks for Major Joint Surgery

1. Learn the detailed anatomy of articular innervation of the shoulder, knee and hip joints.
2. Identify the neural and perineural sonoanatomy of the popliteal plexus, iPack, selective suprascapular, selective upper trunk and the PENG blocks.
3. Discuss the current evidence basis for the indications, benefits, risks, as well as the knowledge gaps for the recently described motor-sparing nerve blocks.

OASIS and the Perioperative Surgical Home

1. Understand the changing landscape of healthcare reimbursement and the growing pressure to develop perioperative surgical homes.
2. Appreciate a growing collection of health systems engineering methodologies and tools employed for practice transformation and quality improvement.
3. Described specific anesthesia and orthopedic clinical practice changes impacting patient care, patient flow, and provider practice patterns.

Meeting Faculty



Anna Budde, MD, Assistant Professor of Anesthesiology, University of Minnesota

Dr. Budde is an anesthesiologist and intensivist at the University of Minnesota Medical

Center. She completed her fellowship training in critical care anesthesiology at the University of Chicago, her residency training in anesthesiology at Beth Israel Deaconess Medical Center / Harvard Medical School and medical school at Georgetown University School of Medicine.



Arnoley Abcejo, MD, Assistant Professor of Anesthesiology, Mayo Clinic

Dr. Abcejo is a practicing neuroanesthesiologist and Assistant Professor of Anesthesiology at Mayo

Clinic Rochester. He completed his undergraduate training at the University of Pennsylvania and graduated from medical school at the University of Minnesota. He completed his fellowship in NeuroAnesthesiology in 2017 and is an active researcher, resident educator and patient safety advocate. He has research interests in the vulnerable brain particularly concussion and anesthesia, venous air embolism physiology, patient safety and anesthesia education. He published the seminal article describing the epidemiology of anesthesia after concussion or mild traumatic brain injury in the Mayo Clinic Proceedings. He has been recognized with several awards in anesthesia education. He is an active member of the Anesthesia Patient Safety Foundation, and serves as Website Medical Director and member of the Communications Committee.



Francis Salinas, MD, Staff Anesthesiologist, Swedish Medical Center, Seattle and Issaquah, WA, Medical Director, Interventional and Perioperative Services, Swedish Hospital, Issaquah, WA, US-Anesthesia Partners-WA

Dr. Salinas is currently in private practice with US-Anesthesia Partners, WA. He works at three different hospitals and a large free-standing ambulatory center associated with Swedish Medical Center in the Seattle metropolitan area. His areas of interest include regional anesthesia, acute perioperative pain management, and ambulatory anesthesia. He also serves as the medical director of the interventional platform (OR, GI endoscopy, IR, and labor and delivery) at Swedish Hospital-Issaquah. Prior to entering private practice in 2016, he was on the teaching faculty at Virginia Mason Medical Center in Seattle from 2001-2015, where his focus of interests were regional anesthesia and cardiothoracic anesthesia/perioperative TEE.



Hugh Smith, MD, PhD, Assistant Professor of Anesthesiology, Mayo Clinic

Dr. Smith is originally from Manitoba, Canada. He completed an undergraduate degree in Economics at Queens University, Kingston, Ontario. He then obtained a Master's degree in Philosophy, and a Doctorate in Medical History prior to commencing medical training at the University of Minnesota Medical School. After completing anesthesia residency at Mayo Clinic, Dr. Smith joined the staff and completed a fellowship year in Regional Anesthesia. He has been on staff with the Department of Anesthesiology and Perioperative Medicine since 2005.

Dr. Smith is the project chair of an institutionally sponsored effort to implement a Perioperative Surgical Home in Orthopedic Surgery, and a representative of Mayo Clinic with the American Society of Anesthesiology's Perioperative Surgical Home Collaborative 2020.

At the MSA meeting, Dr. Smith will be discussing the evolution of value-based reimbursement, the expanding role of anesthesiologists in the perioperative space, and the success of a perioperative surgical home model in orthopedic surgical care pathways.

Exhibitors



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B.Braun Medical, a leader in infusion therapy and pain management develops, manufactures, and markets innovative medical products and services to the healthcare industry. The company is committed to eliminating preventable treatment errors and enhancing patient, clinician, and environmental safety.



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Brian Jordahl, Senior Area Manager
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Edwards

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Our company is driven by a passion to help patients. We partner with clinicians to develop innovative technologies in the areas of structural heart disease and critical care monitoring to help patients live longer, healthier and more productive lives



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Chris Cox, Critical Care Specialist
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We are a biopharmaceutical company focused on the discovery, development and commercialization of innovative therapies intended to significantly improve outcomes in patients suffering from life-threatening diseases.

Exhibitors



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Richard Pundsack, Acute Care Business Manager
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Sarah Rustad, Point of Care Ultrasound Sales Specialist
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Mindray is a focused, innovative, and accessible provider of technologies and solutions for patient monitoring, anesthesia, and ultrasound. It is our mission to set the standard for all others to be measured.



Pacira Biosciences

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Matt Brettin
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Pacira is a leading provider of non-opioid pain management and regenerative health solutions dedicated to advancing and improving patient outcomes.

Exhibitors



PharMEDium Services, LLC

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Patricia Harper
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PharMEDium is a leading provider of pharmacy-outsourced, ready-to-use Compounded Sterile Preparations (CSPs) supporting the healthcare industry by enhancing patient safety efforts, optimizing workflow, reducing drug waste, and simplifying compliance.



MSA Minnesota Society of Anesthesiologists

MSA Annual Conference
April 17-19, 2020

Radisson Blu Mall of America
2100 Killebrew Dr, Bloomington, MN

Registration and information available on www.msacconnect.org in the coming months.

Attendees

as of 11/15/19

Arney Abcejo, MD
Mayo Clinic
Rochester, MN

**Bonnie Adkins-Finke, MD,
MS, BS**
Anesthesiology, PA
Wayzata, MN

Diane Ahlers, MD
Medical Anesthesia LTD
Orono, MN

Adam Amundson, MD
Mayo Clinic
Rochester, MN

Kylie Andersen, BS
Mayo Clinic
Rochester, MN

Ioanna Apostolidou, MD
University of Minnesota
Minneapolis, MN

Robert Ardis, MD
Essentia
Duluth, MN

Ratan Banik, MD, PhD
University of Minnesota
Blaine, MN

Brandon Barrett, BS
Mayo Clinic

David Beebe, MD
University of Minnesota
Circle Pines, MN

**Kumar Belani, MBBS, MS,
FACA, FAAP**
University of Minnesota
Masonic Children's Hospital
Edina, MN

Robert Birch, MD
Ridges Anesthesiology, PA
St. Paul, MN

Roberto Blanco, MD
University of Minnesota
Minneapolis, MN

J. Kyle Bohman, MD
Mayo Clinic
Rochester, MN

Philip Boyle, MD, FASA
Centracare Anesthesiology
St. Cloud, MN

Anna Budde, MD
University of Minnesota

Chandra Castro, MD
Children's Hospitals & Clinics
of MN
Minneapolis, MN

Jonathan Charnin, MD
Mayo Clinic
Rochester, MN

Grace Chun, MD
Multi-Sites Anesthesiology
Lino Lakes, MN

Elif Cingi, MD
Anesthesiology, PA
Mound, MN

J David Cumming, MD
Multi-Sites Anesthesiology
Plymouth, MN

Lucas Deschenes, MD
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Minneapolis, MN

Aliraza Dinani, MD
Mayo Clinic
Austin, MN

Nupur Dua, MBBS, MD
University of Minnesota
Minneapolis, MN

Iihan Eli, MD
Mayo Clinic
Rochester, MN

Gilberto Enriquez, MD
Mercy Hospital
Janesville, WI

Kari Forde-Thielen, MD
Multi-Sites Anesthesiology
Plymouth, MN

Robert Friedhoff, MD
Mayo Clinic
Rochester, MN

Robert Gauthier, MD
MASS
St. Paul, MN

Constance Gilloon, MD
Abbott Northwestern Hospital
Edina, MN

Robin Goldsmith, MD
Anesthesiology of the Fox
Valley
Appleton, WI

Mark Gujer, MD, FASA
Anesthesia Management
Solutions
Aitkin, MN

Elisa Hansen, DO
MSAPA
Plymouth, MN

**Philippe Housmans, MD,
PhD**
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Federico Jimenez, MD
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Christopher Johnson, MD
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Jason Johnson, MD
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Forest Lake, MN

Rebecca Johnson, MD
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Hari Kalagara, MD
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St. Cloud Surgical Center
Saint Cloud, MN

Timothy Krueger, MD
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Steven Lader, DO
Retired
Hopkins, MN

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Ridges Anesthesiology, PA
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Min Lee, MD
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Gem Lake, MN

Thomas Losasso, MD
Summit Orthopedics
Woodbury, MN

Allison Lozano, MD
Twin Cities Anesthesia
Associates
Lake Elmo, MN

Attendees

as of 11/15/19

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Saint Paul, MN

Robert Maddock, MD

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Austin, MN

David Martin, MD, PhD

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Rochester, MN

Eric McDaniel, MD

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A. Wade McMillan, MD

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Stian Mjanger, MD

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Ryan Munoz, MD

Windy City Anesthesia
Roseville, MN

Nate Mussell, JD

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Hina Nazar, MD

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Marie Odden

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Richard Prielipp, MD

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White Oak Anesthesia
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Alan Reitz, MD

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John Reynen, MD

Gundersen Health System
Onalaska, WI

Benjamin Reynolds, MD

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Rufino Rodriguez, MD

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Francis Salinas, MD

Swedish Medical Center,
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Rochester, MN

Jonathan Silva, MD

Carris Health
Willmar, MN

Hugh Smith, MD, PHD

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Erik Stene, MD

Pediatric Anesthesia, PA
Eden Prairie, MN

Erik Stoltenberg, MD

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Hans Sviggum, MD

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