



2017 Fall Conference

November 18, 2017

Intercontinental St. Paul Riverfront
St. Paul, MN

6.5 AMA PRA Category 1 Credit(s)TM

Welcome

Dear Colleagues,

The use of ultrasound in anesthesia care has expanded dramatically in the last decade. While regional anesthesia remains a large portion of ultrasound usage, there are a multitude of other uses that can help improve patient care throughout the perioperative period. Lung ultrasound, focused transthoracic echocardiography, and FAST exams are excellent tools for use in the perioperative care of the whole patient. At the Minnesota Society of Anesthesiologists Fall Meeting on November 18, we have a morning program of speakers discussing perioperative point of care ultrasound. In the afternoon, we will apply these concepts in a hands-on perioperative ultrasound workshop.

The morning speakers include masters of perioperative ultrasound. Our guest lecturer, Dr. Stephen Haskins, is an expert in perioperative ultrasound and regional anesthesia. He will present lectures on focused cardiac ultrasound and the FAST exam. Dr. Sudarshan Setty will present on lung ultrasound, and Dr. Devon Aganga will address how point of care ultrasound applies to our pediatric patients. There will be plenty of time for questions following each block of lectures.

After a legislative update and a refreshing lunch with opportunities to network with colleagues and interact with exhibitors, we will hold a workshop on point of care ultrasound. Specific techniques will include three TTE stations, each focusing on a separate view; two lung ultrasound stations; and a FAST exam station. Each station will be led by experts in the field who will provide excellent opportunities for hands on experience. As always, the Fall Meeting is sure to be an educational and enjoyable day.

Sincerely,



Adam D. Niesen, MD
Chair, MSA Education Committee

Parking

If you are driving to the MSA Fall Conference, please plan to park in either the attached Intercontinental St. Paul Riverfront parking ramp, or the Capitol City ramp off of 4th Street. To validate your parking, please stop at the MSA registration desk in Minnesota Court to receive a voucher. Please remember which parking structure you parked in order to receive the correct voucher.

WiFi

Complimentary WiFi access is offered in the meeting space at the MSA Fall Conference. To access the WiFi, simply open your web browser and click on the acceptance button once prompted. No passcode is required.

Agenda

- 7:00 – 7:55am **Registration and Coffee with Exhibitors**
- 7:55 – 8:00am **Welcome Remarks**
David Martin, MD, PhD, FASA, Mayo Clinic
- 8:00 – 8:30am **Focused Cardiac Ultrasound**
Stephen Haskins, MD, Clinical Assistant Professor of Anesthesiology,
Hospital for Special Surgery
- 8:30 – 9:00am **Lung Ultrasound**
Sudarshan Setty, BS, MB, University of Minnesota
- 9:00 – 9:15am **Expert Panel Discussion – Question & Answer**
Stephen Haskins, MD and Sudarshan Setty, BS, MB
- 9:15 – 9:45am **Break with Exhibitors**
- 9:45 – 10:15 AM **The Focused Assessment with Sonography in Trauma (FAST) Exam**
Stephen Haskins, MD, Clinical Assistant Professor of Anesthesiology,
Hospital for Special Surgery
- 10:15 – 10:45 PM **Pediatrics POCUS**
Devon Aganga, MD, Mayo Clinic
- 10:45 – 11:00 AM **Expert Panel Discussion – Question & Answer**
Stephen Haskins, MD and Devon Aganga, MD
- 11:00 – 11:30 AM **Legislative Update**
- 11:30 – 12:30 PM **Luncheon**
- 12:30 – 4:30 PM **Point-of-Care Ultrasound Workshop**
- **TTE (Parasternal Views)**
Shane Gillespie, DO, Assistant Professor, Mayo Clinic
John Hui, MD, Senior Associate Consultant, Mayo Clinic
 - **TTE (Apical Views)**
Sonia Jain
 - **TTE (Subcostal Views, IVC)**
David Barbara, MD, Mayo Clinic
Erica Wittwer, MD, PhD, Mayo Clinic
 - **Lung**
Stephen Haskins, MD, Clinical Assistant Professor of Anesthesiology,
Hospital for Special Surgery
Misty Radosevich, MD, Anesthesiologist Intensivist, Mayo Clinic
 - **Lung**
Sudarshan Setty, BS, MB, University of Minnesota
 - **FAST**
Monica Lupei, MD, Assistant Professor of Anesthesiology and
Critical Care Medicine, University of Minnesota

Accreditation



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Minnesota Society of Anesthesiologists
2017 Fall Conference
November 18, 2017

It is the policy of the Minnesota Medical Association (MMA) to ensure balance, independence, objectivity, and scientific rigor in its CME activities. To comply with the Standards for Commercial Support of the Accreditation Council for Continuing Medical Education (ACCME), the MMA requires members of the planning committee and faculty to disclose the existence of any financial interest or other relationship he/she and his/her spouse or partner has with companies whose health care products or services are discussed in an educational presentation. The requirement applies to relationships that are in place at the time of the CME activity or in the 12 months preceding the activity.

The following financial relationships were disclosed and have been resolved:

Stephen Haskins, MD

- **Honoraria: FujiFilm Sonosite**

Jacob Hutchins, MD

- **Consultant: Pacira, Halyard, Insitu Biologics, Worrell, AcelRx**
- **Grant/Research: Pacira**
- **Investments: Instiu Biologics**
- **Speakers Bureau: Pacira**

The remaining members of the faculty and planning committee for this conference have indicated that they have no relevant financial relationships to disclose related to the content of the CME activity.

Faculty members have declared that they will uphold the MMA's standards regarding CME activities and that any clinical recommendations are based on the best available evidence or are consistent with generally accepted medical practice. Please indicate in the comments section of the evaluation form whether you detect any instances of bias toward products manufactured by commercial interests.

Accreditation Statement

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint providership of the Minnesota Medical Association and the Minnesota Society of Anesthesiologists. The Minnesota Medical Association (MMA) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CME Statement

The Minnesota Medical Association designates this live activity for a maximum of 6.5 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

MOCA Statement

This activity contributes to the 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.

Learning Objectives

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

- Describe basic views in pediatric cardiac transthoracic ultrasound
- Describe use of lung ultrasound
- Describe use of point of care ultrasound in assessment of gastric content / NPO status
- Be able to describe the basic Focused Cardiac Ultrasound (FoCUS) Views
- Be familiar with the role of FoCUS in the perioperative setting (pre, intra, post-operative)
- Be familiar with the best ways to learn how to perform a FoCUS exam
- Be familiar with the Focused Assessment with Sonography in Trauma Views
- Be familiar with clinical scenarios where the FAST exam is relevant in the perioperative setting
- Familiar with the role intra-abdominal fluid extravasation has in post-operative pain following hip arthroscopy

Topic: Focused Cardiac Ultrasound

1. Be able to describe the basic Focused Cardiac Ultrasound (FoCUS) Views
2. Be familiar with the role of FoCUS in the perioperative setting (pre, intra, post-operative)
3. Be familiar with the best ways to learn how to perform a FoCUS exam

Topic: The Focused Assessment with Sonography in Trauma (FAST) Exam

1. Be familiar with the Focused Assessment with Sonography in Trauma Views
2. Be familiar with clinical scenarios where the FAST exam is relevant in the perioperative setting
3. Familiar with the role intra-abdominal fluid extravasation has in post-operative pain following hip arthroscopy

Topic: Pediatrics POCUS

1. Describe basic views in pediatric cardiac transthoracic ultrasound
2. Describe use of point of care ultrasound in assessment of gastric content / NPO status

Meeting Faculty



Devon Aganga, MD
Mayo Clinic

Devon Aganga, MD attended the Medical School at Columbia University College of Physicians and Surgeons, NY. His Pediatric residency was completed at Children's Hospital of New York-Presbyterian, Columbia University, NY, and an Anesthesia residency at Johns Hopkins Hospital, MD. He received Pediatric anesthesia training at Johns Hopkins and Pediatric Critical Care Medicine fellowship at Johns Hopkins Hospital, MD.

Currently, Dr. Aganga is faculty in Pediatric Anesthesia and Pediatric Critical Care Medicine at Mayo Clinic, Rochester, and has interests in perioperative and critical care management of children with congenital heart disease, pediatric extracorporeal membrane oxygenation, Point of Care Ultrasound in the pediatric ICU and ORs and pediatric difficult airway management.



Stephen Haskins, MD
Hospital for Special Surgery

Stephen Haskins, MD is a regional anesthesiologist fellowship trained at Hospital for Special Surgery (HSS). During his regional anesthesia and acute pain fellowship he completed his certification in Basic Perioperative Transesophageal Echocardiography (TEE), which cultivated his interest in point-of-care ultrasound (PoCUS), specifically focused cardiac, lung, and abdominal ultrasound. As a result of his passion for both regional anesthesiology and PoCUS, Dr. Haskins has co-founded a special interest group dedicated to perioperative PoCUS in the American Society for Regional Anesthesia and Pain Medicine (ASRA) and has coordinated an educational review series in Regional Anesthesia and Pain Medicine (RAPM) promoting the role of PoCUS for the regional anesthesiologist. In addition to his involvement in ASRA, Dr. Haskins helped to organizing the first official basic focus assessed transthoracic echocardiography (FATE) course to be held in North America in 2013. He has since gone on to lead and encourage organization of Basic FATE courses around the country, including the course held for the Department of Anesthesiology at the University of Minnesota.



David Martin, MD, PhD, FASA
Mayo Clinic

Dr. David Martin is an Associate Professor of Anesthesiology and Perioperative Medicine at Mayo Clinic in Rochester, Minnesota. He grew up in Indiana where he completed his bachelor's degree in biochemistry at Indiana University. He earned his medical degree at Washington University in St. Louis where he also completed a PhD in Neurobiology. He did postgraduate training at Mayo Clinic where he completed a residency in anesthesiology and a fellowship in pain medicine. He joined the Mayo staff in 1996. His clinical practice specializes in pain medicine and surgical anesthesia for liver transplant. His research interests include the pathophysiology of neuropathic pain, medical ethics, and the science of safety and quality. He currently serves as Vice Chair for Safety and Quality in the Department of Anesthesiology and Perioperative Medicine, and he also oversees the sedation practice across all Mayo sites.



Sudarshan Setty, BS, MB
University of Minnesota

Sudarshan Setty, BS, MB is a clinician educator who has graduated from Montefiore Medical Center, NY in 2013. He currently works as a Cardiac Anesthesiologist and Intensivist at the University of Minnesota, and is the course director for the FATE workshops held twice a year at the university of Minnesota. His interests include clinical research with ultrasound, innovations in teaching ultrasonography to clinicians and international collaborations in focused surface ultrasound for clinicians and medical students.

Planning Committee

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Exhibitors



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Amanda Clemens, District Manager – Critical Care
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Exhibitors



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Attendees

as of 11/9/17

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Philip Boyle, MD
Centracare Anesthesia
St. Cloud, MN

Edward Bryke, MD
Metropolitan
Anesthesiologists
Belgium, WI

Grace Chun, MD
MAPA
Lino Lakes, MN



MSA Minnesota Society
of Anesthesiologists

MSA Spring Conference
Saturday, April 28, 2018

Radisson Blu
2100 Killebrew Dr
Bloomington, MN

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

Attendees

as of 11/9/17

Stacy Coffin, MD, FASE
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as of 11/9/17

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