8 a.m. - noon | Cadaveric Workshop: Fundamentals of Anesthesiology
**Advanced Skills that Every Physician Anesthesiologist Should Know**
Eva Hanko, MD, Olga Kaslow, MD, PhD, Christina Spofford, MD, PhD
*Moscone Convention Center West, Room 3002 [801A]*

9 a.m. - noon | Pain Medicine Workshop
**Acupuncture Workshop**
Lynn Rusy, MD, Pediatric Acupuncture
Mei-Ying Liang, MD, Acupuncture Points & Meridians
*Moscone Convention Center West, Room 3108 [806]*

Noon - 12:10 p.m. | Medically Challenging Case
**Intraoperative Management of Undiagnosed Congenital Heart Disease**
Avani Patel, MD, Joshua White, MD, Richard Berens, MD, Kristen Labovsky, MD
*Moscone Convention Center North, Hall D [MC1370 / Monitor 16]*

Noon - 1:30 p.m. | Wisconsin Society of Anesthesiologists Luncheon
Open to WSA members
*San Francisco Marriott Marquis, 780 Mission Street
Yerba Buena Ballroom Salons 1 & 2, Lower B2 Level*

1:15 - 5:15 p.m. | Cadaveric Workshop: Pain Medicine
**Pain Bioskills-Ultrasound & Fluoroscopic Guided Blocks & Radiofrequency Ablation for Large and Small Joints**
Hariharan Shankar, MBBS
*Moscone Convention Center West, Room 3009 [CA01]*

1:15 - 5:15 p.m. | Cadaveric Workshop: Fundamentals of Anesthesiology
**Advanced Skills that Every Physician Anesthesiologist Should Know**
Eva Hanko, MD, Olga Kaslow, MD, PhD, Christina Spofford, MD, PhD
*Moscone Convention Center West, Room 3002 [801B]*

3:30 - 5 p.m. | FAER New Investigators Panel: New Leaders of Anesthesia Research:
Results of FAER Sponsored Research
**How Does “Anesthesia” Affect Respiratory Control? – An Ongoing Investigation**
Astrid Stucke, MD; Moderator: Julie Freed, MD, PhD
*Moscone Convention Center South, Room 305 [SPE05]*
7 - 9 p.m.  
**MCW Anesthesiology Alumni & Friends Reception**  
San Francisco Marriott Marquis, 780 Mission Street, Sierra H, fifth floor

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**SUNDAY | OCT 14**

8 a.m. - noon | Hands-On Workshop: Critical Care Medicine  
**Critical Strategies for Managing Mass Casualties: A Live Demonstration**  
Speaker: Christina Diaz, MD  
Justin Tawil, MD, Tracy Zundel, MD  
*Moscone Convention Center West, Level 1 - Exhibit Hall [825A]*

10:20 - 10:30 a.m. | Medically Challenging Case  
**Unanticipated Airway Mass in a Six Year Old Female with Intractable Vomiting**  
Jacqueline Simon, MD, Ryan Little, MD, Brooks Hawley, CAA, Tatyana Strong, MD  
*Moscone Convention Center North, Hall D [MC2724 / Monitor 16]*

11 - 11:30 a.m. | Poster Presentation: Pediatric Anesthesia - Outcomes  
**Non-Operating Room Anesthesia in a Tertiary Pediatric Hospital: Breaking the Myth of Distance Being a Risk**  
Stylianos Voulgarelis, MD, Susan Taylor, MD, Jake Scott, MD, Amy Henry, MD, George Hoffman, MD, Richard Berens, MD  
*Moscone Convention Center North, Hall D, Area C [A2150 / Monitor 12]*
11 - 11:30 a.m. | Poster Presentation: Pediatric Anesthesia - Outcomes

An Observer-Blinded Randomized Study of Propofol Infusion Versus Single Dose Dexmedetomidine and Propofol for Pediatric MRI Sedation
Susan Taylor, MD, Allison Taylor, MD, Amy Henry, MD, George Hoffman, MD, Kristen Labovsky, MD, Richard Berens, MD
Moscone Convention Center North, Hall D, Area C [A2152 / Monitor 12]

11 a.m. - noon | Problem-Based Learning Discussion: Obstetric Anesthesia

Anesthetic Management of a Parturient with Mechanical Heart Valve on Anticoagulation and Herpes Simplex Virus Infection
Ayse Kula, MD
Moscone Convention Center North, Room 23 [L-225]

1 - 1:30 p.m. | Poster Presentation: Pediatric Anesthesia - General Anesthesia & Cardiac

Randomized Controlled Trials – Level 1 Evidence in Pediatric Anesthesia – An Endangered Species?
Susan Taylor, MD, Allison Taylor, MD
Moscone Convention Center North, Hall D, Area C [A2240 / Monitor 9]

1 - 5:30 p.m. | FAER Medical Student and Resident Scholar Research Symposium
A Comparison of the Need for Postoperative Oxygen Supplementation in Patients Who Received Either Sugammadex or Neostigmine: A Pilot Study
Robert Gregory, MD
Moscone Convention Center West, Room 3002 [SPE13]

1:15 - 2:15 p.m. | Point-Counterpoint Panel Discussion: Pediatric Anesthesia

Anesthesia Practices for Pediatric MRI: My Technique is the Best!
Susan Taylor, MD: “The Milwaukee Experience: Sedation with Low Dose Polypharmacy: Dexmedetomidine and Propofol”
Amy Henry, MD: “MRI Sedation with Dexmedetomidine Infusion”
Susan Staudt, MD: “MRI Anesthesia Requires an Airway Device”
Moscone Convention Center West, Room 2004 [PC13]

1:15 - 2:15 p.m. | Problem-Based Learning Discussion: Critical Care Medicine

Caring for Your Great Grandmother
Christopher Roberts, MD, PhD, Sylvia Dolinski, MD
Moscone Convention Center North, Room 23 [L-232]

1:15 - 5:15 p.m. | Refresher Course Lecture: Pain Medicine

Perioperative Imaging & Pain Medicine: Patient Safety & the Biological Effects of Ultrasound & Fluoroscopy
Hariharan Shankar, MBBS: “Potential Adverse Ultrasound-Related Biological Events”
Moscone Convention Center North, Room 25 [218]
1:40 - 1:50 p.m. | Medically Challenging Case
**Anesthesia for Parturient with Primary HSV Presenting for Cesarean Delivery**
Maria Muravyeva, MD, PhD, Ross Whitlock, BS, Ayse Kula, MD
Moscone Convention Center North, Hall D [MC2551 / Monitor 12]

1:50 - 2 p.m. | Medically Challenging Case
**Skin-to-Skin Contact During Cesarean Delivery Under General Anesthesia?**
Maria Muravyeva, MD, PhD, Ayse Kula, MD, Elizabeth Ellinas, MD, Jessica Rock, MD, Catherine Drexler, MD
Moscone Convention Center North, Hall D [MC2552 / Monitor 12]

4:10 - 4:20 p.m. | Medically Challenging Case
**Emergency Off Pump Left Ventricular Assist Device Implantation After an Impella® Catheter Causes a Fixed Obstruction of the Anterior Mitral Valve Leaflet & Severe Mitral Regurgitation**
Timothy Lazicki, DO, Paul Pagel, MD, PhD, Tracy Zundel, MD
Moscone Convention Center North, Hall D [MC2089 / Monitor 02]

MONDAY | OCT 15

9:30 - 11 a.m. | Oral Presentation: Critical Care - Clinical II
**Adequacy of Hemostatic Resuscitation Improves Therapeutic Efficacy of Recombinant Activated Factor VII after Cardiac Surgery**
Justin Tawil, MD, Joel Feih, PharmD, Janelle Juul, PharmD, Joseph Rinka, PharmD, Lisa Baumann Kreuziger, MD, Paul S. Pagel, MD, PhD
Moscone Convention Center North, Room 20 [A4128]

9:30 - 11:30 a.m. | 120 Minute Panel: Fundamentals of Anesthesiology
**Trauma Anesthesia for Special Populations**
Olga Kaslow, MD, PhD, “Geriatric Trauma Patient”
Moscone Convention Center North, Room 24 [301]

10:30 a.m. - noon | Abstract Group Discussion: Respiration - Basic & Clinical Science
**Characterizing Glutamatergic Drive to the Ventral Respiratory Group in Adult Decerebrate Rabbits In Vivo**
Astrid Stucke, MD, Angela Navarette-Opazo, MD, PhD, Jennifer Callison, BS, Justin Miller, PhD, Denise Cook-Snyder, PhD, Eckehard Stuth, MD, Francis Hopp, MSc, Edward Zuperku, PhD
Moscone Convention Center North, Room 21 [A3001]
10: 30 a.m. - noon | Oral Presentation: Equipment, Monitoring & Engineering Technology
Visible Light Spectroscopy: A Novel Method to Determine Liver Tissue Saturation During Changes in Hepatic Artery Blood Flow
Stylianos Voulgarelis, MD, Faraneh Fathi, BS, Bing Yu, PhD, Eckehard Stuth, MD, Astrid Stucke, MD
Moscone Convention Center North, Room 22 [A3046]

3:15 - 4:45 p.m. | Abstract Group Discussion: Pediatric Anesthesia - Outcomes & Perioperative Organ Injury
Hemodynamic Domains Defined with Nirs & Arterial Pressure Predict Biochemical Shock
George Hoffman, MD, Jake Scott, MD, Eckehard Stuth, MD
Abstract Moderator: Astrid Stucke, MD
Moscone Convention Center North, Room 21 [A3109]

4:30 - 4:40 p.m. | Medically Challenging Case
The Last Case of the Day and the Kid Has What? What Is Aarskog Syndrome?
Rose Campise-Luther, MD, Christina Diaz, MD
Moscone Convention Center North, Hall D [MC3474 / Monitor 14]

5:10 - 5:20 p.m. | Medically Challenging Case
Anesthetic Management of a Large Idiopathic Pulmonary Artery Aneurysm with Progressive Pulmonary Valve Insufficiency in the Absence of Pulmonary Arterial Hypertension
Paul Pagel, MD, PhD, Patrick Aranda, MD, Lonnie Dye, MD
Moscone Convention Center North, Hall D [MC3068 / Monitor 02]
7:30 - 9 a.m. | Abstract Group Discussion
**Experimental Circulation**
Abstract Moderator: Julie Freed, MD
Moscone Convention Center North, Room 21 [A4001-4008]

8:30 - 9:30 a.m. | Problem-Based Learning Discussion: Obstetric Anesthesia
**Anesthetic Management of a Parturient with Mechanical Heart Valve on Anticoagulation and Herpes Simplex Virus Infection**
Ayse Kula, MD
Moscone Convention Center North, Room 23 [L-405]

9 a.m. - noon | Seminar: Pain Medicine
**Tackling the Opioid Crisis: Implementation Strategies to Take Home**
Small Group Moderator: Hariharan Shankar, MBBS
Moscone Convention Center West, Room 3020 [SM731]

9:30 - 11 a.m. | Oral Presentation: Critical Care - Clinical II
**Adequacy of Hemostatic Resuscitation Improves Therapeutic Efficacy of Recombinant Activated Factor VII after Cardiac Surgery**
Justin Tawil, MD, Joel Feih, PharmD, Janelle Juul, PharmD, Joseph Rinka, PharmD, Lisa Baumann Kreuziger, MD, Paul Pagel, MD, PhD
Moscone Convention Center North, Room 20 [A4128]

9:30 - 11 a.m. | Abstract Group Discussion: Pediatric Anesthesia - General & Airway
**Pediatric Cardiac Surgical Home Development is Associated with Reduced Hospital Length of Stay & Resource Utilization**
Jake Scott, MD, Martin Wakeham, MD, Rebecca Bertrand, MD, Jessica Schultz, RN, Lori Plahmer, RN, David Saudek, MD
Moscone Convention Center North, Room 21 [A4116]

9:45 - 10:45 a.m. | Problem-Based Learning Discussion: Critical Care Medicine
**Caring for Your Great Grandmother**
Christopher Roberts, MD, PhD, Sylvia Dolinski, MD
Moscone Convention Center North, Room 23 [L-413]

1:30 - 3:30 p.m. | eAbstract Presentations
**Respiration**
Abstract Moderator: Astrid Stucke, MD
Moscone Convention Center North, Hall D, Area B [A4254-4269]