

The Department of Anesthesiology, Perioperative and Pain Medicine at the Icahn School of Medicine at Mount Sinai, New York, NY, USA presents the

The 38th Annual International Symposium: Clinical Update in Anesthesiology, Surgery and Perioperative Medicine

Complimentary workshops, including: Ultrasound-Guided Regional Block;
Transthoracic Echocardiography; POCUS.



Directors: George Silvay, M.D., Ph.D., Menachem Weiner, M.D., Marc Stone, M.D.

St. Kitts Marriott Resort, St. Kitts, West Indies January 19-24, 2020

Oral presentation of interesting & complex cases for residents, fellows and junior attendings.

For abstract information contact: Email: menachem.weiner@mountsinai.org
Deadline: October 30, 2019

For information for faculty: george.silvay@mountsinai.org
For general information: margorie.fraticelli@mountsinai.org
Symposium website: www.clinicalupdateinanesesthesiology.org

Course Registration Form

38th Annual International Symposium:

**Clinical Update in Anesthesiology, Surgery and Perioperative Medicine
January 19 – 24, 2020; St. Kitts Marriott Resort; St. Kitts, West Indies**

Name _____

Address _____

City _____ State _____ Zip _____ Country _____

Telephone _____ E-Mail _____

Type of Credit Card _____ Credit Card # _____

Expiration date: _____

Registration Fee: **Before December 14, 2019** **After December 14, 2019**

PLEASE CIRCLE ONE

Physicians	\$ 750	\$ 900
CRNAs, Perfusionists, PA	\$ 500	\$ 600
Physicians in training	\$ 300	\$ 400

Make check payable to:

Department of Anesthesiology, Icahn School of Medicine at Mount Sinai, New York.

Mail payment to:

**M. Fraticelli, Dept. of Anesthesiology, Box 1010, Icahn School of Medicine at Mount Sinai,
One Gustave L. Levy Place, New York, NY, 10029-6574.**

For bank transfer information please email: margorie.fraticelli@mountsinai.org

Full refund if written notice of cancellation prior to November 15, 2019.

20% Administrative fee retained from November 16 to December 31, 2019.

No refunds after January 1, 2020.

Symposium website: www.clinicalupdateinanesthesiology.org

Hotel Information:

St. Kitts Marriott Resort & Royal Beach Casino
858 Frigate Bay, St. Kitts, West Indies
1-869-466-1200

ROOM	RATE/SINGLE	RATE/DOUBLE
Run of house	\$259.00	\$287.50
Room Rate includes breakfast for Single/Double occupancy only. Breakfast will be served in the Saba Ballroom.		

HOTEL RESERVATIONS ARE MADE DIRECTLY WITH THE HOTEL:

For reservation please call: Toll-Free Reservation Center: 1-800-MARRIOTT. Make sure you mention the group code: MSA.

Group Rate for the hotel is only available through December 19, 2019.

A credit card will be requested and a two (2) night deposit taken at time of booking. Please note resort fees are not included in room rate

All persons travelling by air outside of the United States are required to present a passport or other valid travel document to enter or re-enter the United States. For more information visit: www.travel.state.gov

Educational Objectives

The 38th Annual International Symposium: Clinical Update in Anesthesiology, Surgery and Perioperative Medicine is designed to help busy professionals advance their knowledge and keep current by providing a review of innovations, recent advances and best practices in cardiothoracic, vascular and general anesthesiology, surgery, perioperative medicine, and critical care. In addition, three workshops will be conducted for interested participants.

At the conclusion of the symposium, participants will be able to:

1. Describe and implement new diagnostic modalities, therapeutic agents and management strategies in the fields of cardiothoracic, vascular and general anesthesia, surgery, critical care and perioperative medicine.
2. Recognize and implement best practice anesthetic management of patients with significant comorbidities.
3. Discuss the current and future management of patients with cardiac, thoracic and vascular pathophysiology.
4. Three WORKSHOPS: 1 – Regional block; 2 – ECHO will demonstrate with experts the latest techniques; 3 – POCUS

Target Audience

Anesthesiologists, cardiothoracic, vascular and general surgeons, cardiologists, intensivists, nurse anesthetists, physicians in-training, perfusionists, physician assistants, and nurses.

Verification of attendance will be provided to all professionals.

Educational Methods

- Didactic lectures and discussions by recognized leaders in their field.
- Oral presentation of abstracts of relevant basic science research and interesting clinical cases.
- Workshops: Ultrasound-guided regional anesthesia; TTE; POCUS

Accreditation Statement

This activity has been planned and implemented in accordance with the Accreditation Requirements and Policies of the Medical Society of the State of New York (MSSNY) through the joint providership of the Westchester Academy of Medicine and Department of Anesthesiology, Icahn School of Medicine at Mount Sinai, New York. The Westchester Academy of Medicine is accredited by MSSNY to provide Continuing Medical Education for physicians.

The Westchester Academy of Medicine designates this live activity for a maximum of 22 AMA PRA Category I Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure Statement

The Westchester Academy of Medicine (WAM) and the Medical Society of the State of New York (MSSNY) relies upon planners and faculty participants in its CME activities to provide educational information that is objective and free of bias. In this spirit and in accordance with the guidelines of MSSNY and the ACCME, anyone with the potential to control the content of a CME activity are expected to disclose the existence of any relevant financial interest or other relationship the faculty member (spouse or partner) or provider has with the manufacturer of any commercial product discussed in an educational presentation.

Symposium Schedule

SUNDAY, JANUARY 19TH, 2020

16:00 – 18:00 PRE-REGISTRATION in the ballroom foyer (final collection of slides)

MONDAY, JANUARY 20TH, 2020

07:30 – 08:30 REGISTRATION

08:00 – 08:20 WELCOME AND ANNOUNCEMENTS
George Silvay, *New York, NY, USA*
Menachem Weiner, *New York, NY, USA*

08:20 – 11:10 UPDATE IN CARDIAC DISEASE, SURGERY, AND ANESTHESIA I

Moderators:

Davy Cheng, *London, Ontario, Canada*
Peter Faries, *New York, NY, USA*

08:20 – 08:30 Atrial Fibrillation following Cardiac Surgery-The Guidelines
Ben O'Brien, *London, UK*

08:30 – 08:40 New Vasopressors in Cardiac Surgery and ICU
Isabelle Michaux, *Yvoir, Belgium*

08:40 – 08:50 Management of Carotid Artery Disease and Prevention of Stroke
Peter Faries, *New York, NY, USA*

08:50 – 09:00 Anesthetic Considerations During Transcarotid Artery Stenting Under Cerebral Flow Reversal
David O'Connor, *Hackensack, NJ, USA*

09:00 – 09:10 Top 5 ECMO Pitfalls
Brigid Flynn, *Kansas City, MO, USA*

09:10 – 09:20 Establishing a Perioperative Echo Quality Improvement Process
Jared Feinman, *Philadelphia, PA, USA*

09:20 – 09:30 Anesthesia for Patients with VADs for Non-Cardiac Surgery
Donna Greenhalgh, *Manchester, UK*

09:30 – 09:40 Near-infrared Spectroscopy in Cardiac Surgery and ICU
Norbert Huebner, *Bad Rothenfelde, Germany*

09:40 – 09:50 Optimal Blood Management in Cardiac Surgery
Gregory Nuttall, *Rochester, MN, USA*

09:50 – 10:00 Minimizing Renal Failure During Cardiac Surgery
Joe Szokol, *Evanston, IL, USA*

10:00 – 10:10 Oxygenation of Lung Tissue During CPB
Martin Dworschak, *Vienna, Austria*

10:10 – 10:20 Evidence for the use of Vasopressin in Cardiac Surgery
Frank Kletzin, *Rostock, Germany*

10:20 – 10:30 Continuous Cardiac Output Determination in the OR
Kent Rehfeldt, *Rochester, MN, USA*

10:30 – 10:50 SPECIAL LECTURE

Introduction:

George Silvay, *New York, NY, USA*

Shared Decision Making in the Perioperative Setting: A Complex Multi-Faceted Construct

Hilary Grocott, *Winnipeg, Manitoba, Canada*

10:50 – 11:10 DISCUSSION & COFFEE BREAK

11:10 – 13:15 UPDATE IN CARDIAC DISEASE, SURGERY, AND ANESTHESIA II

Moderators:

Hilary Grocott, *Winnipeg, Manitoba, Canada*
Donna Greenhalgh, *Manchester, UK*

11:10 – 11:20 Update in the Treatment of Atherosclerosis: When Statins are Not Enough
Allen Unger, *New York, NY, USA*

11:20 – 11:30 Update on Transcatheter Intervention of the Mitral and Tricuspid Valves
Joerg Ender, *Leipzig, Germany*

11:30 – 11:40 Using a Navigation System for Surgery of Thoracoabdominal Pathologies
Ehsan, Natour, Groningen, *The Netherlands*

11:40 – 11:50 Ischemic Mitral Regurgitation: Repair vs. Replacement
Sulkhan Lominadze, *Tbilisi, Georgia*

11:50 – 12:00 Is There a Stable Heart Failure Patient?
Johanna Contreras, *New York, NY, USA*

12:00 – 12:10 Advantage of Multiple Arterial Grafts for Coronary Revascularization
Richard Daly, *Rochester, MN, USA*

12:10 – 12:20 Major Depressive Disorder and Cardiovascular Disease
Niki Dietz, *Rochester, MN, USA*

12:20 – 12:30 Xenon Anesthesia for Cardiac Surgery
Jan Hofland, *Nijmegen, The Netherlands*

12:30 – 12:40 Update on Heart Transplantation
Hynek Riha, *Prague, Czech Republic*

12:40 – 12:50 Anesthesia in the EP/Cath Lab
Theodore Cios, *Hershey, PA*

12:50 – 13:05 SPECIAL LECTURE

Introduction:

Menachem Weiner, *New York, NY, USA*

Evidence Reversals: What Proportion of Evidence Reverses With Time?
Janet Martin, *London, Ontario, Canada*

13:05 – 13:15 DISCUSSION

18:00 – 20:00 COCKTAIL RECEPTION at the North Pool

TUESDAY, JANUARY 21, 2020

07:30 – 09:30 REGISTRATION

07:45 – 09:00 WORKSHOP: TRANSTHORACIC ECHO

Joerg Ender, *Leipzig, Germany*;
Marc Stone, *New York, NY, USA*;
Benjamin Salter, *New York, NY, USA*;
B.D. Woltersom-Zwierzyńska, *Groningen, The Netherlands*;
Bob Williams, *New York, NY, USA*

09:10 – 10:20 ADVERSE EFFECTS OF ANESTHESIA

Moderators:

Ulku Aypar, *Ankara, Turkey*
Jeffery Vender, *Evanston, IL, USA*

Symposium Schedule

- 09:10 – 09:20 **Use of Biomarkers for Detection of Anesthetic Induced Neurotoxicity**
Zeljko Bosnjak, *Milwaukee, WI, USA*
- 09:20 – 09:30 **DNA Damage and Anesthesia: Should We All Be Concerned?**
Vladimir Cerny, *Prague, Czech Republic*
- 09:30 – 09:40 **Cognitive Trajectories After Exposure to Regional Anesthesia**
Juraj Sprung, *Rochester, MN, USA*
- 09:40 – 09:50 **Perioperative Cognitive Dysfunction in Cardiac Surgery**
Zdravka Zafirova, *New York, NY, USA*
- 09:50 – 10:00 **Myocardial Injury During Non-Cardiac Surgery**
Achal Dhir, *London, Ontario, Canada*
- 10:00 – 10:10 **CNS Complications After Major Non-Cardiac Surgery**
George Djaiani, *Toronto, Ontario, Canada*
- 10:10 – 10:20 **Residual Neuromuscular Blockade and Patient Outcomes: Findings from Recent Investigations**
Glenn Murphy, *Evanston, IL, USA*

10:20 – 10:40 **SPECIAL LECTURE**

Introduction:
George Silvay, *New York, NY, USA*
Studies That Challenged Cardiac Anesthesia and Critical Care Dogma in 2019
Davy Cheng, *London, Ontario, Canada*

10:40 – 11:10 **DISCUSSION & COFFEE BREAK**

11:10 – 12:30 **THORACIC SURGERY AND ANESTHESIA**

Moderators:
Dawn Desiderio, *New York, NY, USA*
Paul Waters, *Greenwich, CT, USA*

- 11:10 – 11:20 **Gas Exchange Impairment During One Lung Ventilation: A Structured Approach**
Marcelo Gama de Abreu, *Dresden, Germany*
- 11:20 – 11:30 **Preoperative Preparation of Thoracic Patients**
Alessia Pedoto, *New York, NY, USA*
- 11:30 – 11:40 **An Update on the Inflammatory Response During One-Lung Ventilation**
Javier Campos, *Iowa City, IA, USA*
- 11:40 – 11:50 **Sharing the Airway**
Dawn Desiderio, *New York, NY, USA*
- 11:50 – 12:00 **Overview of ERAS in General Thoracic Surgery**
Andrew Kaufman, *New York, NY, USA*
- 12:00 – 12:10 **Pediatric Scoliosis Repair: Update on Perioperative Analgesic Modalities**
Stelian Serban, *New York, NY, USA*
- 12:10 – 12:20 **ORIF in the Management of Rib Fractures: Road to Faster Recovery With Fewer Complications**
Paul Waters, *Greenwich, CT, USA*
- 12:20 – 12:30 **Lung Transplantation Update**
Theresa Gelzinis, *Pittsburgh, PA, USA*

12:30 – 12:45 **Special Lecture**

Introduction:
Menachem Weiner, *New York, NY, USA*
Pharmacokinetics and Pharmacodynamics: Update 2020
Philippe Housmans, *Rochester, MN, USA*

12:45 – 13:00 **DISCUSSION**

WEDNESDAY, JANUARY 22, 2020

07:30 – 09:30 **REGISTRATION**

07:45 – 09:00 **WORKSHOP: POCUS**

Meg Rosenblatt, *New York, NY, USA*;
Daniel Bainbridge, *London, Ontario, Canada*;
Yan Lai, *New York, NY, USA*;
Theresa Gelzinis, *Pittsburgh, PA, USA*;
Joshua Villar, *New York, NY, USA*

09:10 – 09:30 **SPECIAL LECTURE**

Introduction:
Menachem Weiner, *New York, NY, USA*
Enhanced Recovery After Cardiac Surgery
Christopher Troianos, *Cleveland, OH, USA*

09:30 – 09:50 **SPECIAL LECTURE**

Introduction:
Menachem Weiner, *New York, NY, USA*
Impact on Hospital Rankings From Clinical Documentation in the PACU
Jonathan Gal, *New York, NY, USA*

09:50 – 11:40 **CRITICAL CARE**

Moderators:
Vladimir Cerny, *Prague, Czech Republic*
Umesh Gidwani, *New York, NY, USA*

- 09:50 – 10:00 **Emergency Preservation and Resuscitation for Traumatic Cardiac Arrest**
Tomas Drabek, *Pittsburgh, PA, USA*
- 10:00 – 10:10 **Mechanical Ventilation in Infants and Children**
George Grigolia, *Tbilisi, Georgia*
- 10:10 – 10:20 **Management of ARDS**
John Klick, *Hershey, PA, USA*
- 10:20 – 10:30 **Treatment of Surgical Infections and Their Complications**
Silvester Krcmery, *Bratislava, Slovakia*
- 10:30 – 10:40 **Specific Skin Problems for Intensive Care Medicine**
Norman-Philipp Hoff, *Dusseldorf, Germany*
- 10:40 – 10:50 **Hepatic-Vein Flow Pattern in Right Heart Failure**
Andrea Szekely, *Budapest, Hungary*
- 10:50 – 11:00 **Angiotensin II: Hero or Villain?**
Erica Wittwer, *Rochester, MN, USA*
- 11:00 – 11:10 **Update in Cardiac Critical Care**
Umesh Gidwani, *New York, NY, USA*

Symposium Schedule

11:10 – 11:20 **Overview of ICU Treatment of AIDS Patients**

Ilona Bobek, *Budapest, Hungary*

11:20 – 11:40 **DISCUSSION & COFFEE BREAK**

11:40 – 13:10 **Controversies in Anesthesia and Surgery**

Moderators:

Meg Rosenblatt, *New York, NY, USA*

Christopher Troianos, *Cleveland, OH, USA*

11:40 – 11:50 **Hip Fractures: Urgent or Emergent?**

Michael Anderson, *New York, NY, USA*

11:50 – 12:00 **Ketamine for Chronic Pain**

Christopher Curatolo, *Dover, NH, USA*

12:00 – 12:10 **Controversies in Intraneural Injections**

Yan Lai, *New York, NY, USA*

12:10 – 12:20 **Do We Really Need Liposomal Bupivacaine?**

Meg Rosenblatt, *New York, NY, USA*

12:20 – 12:30 **The Use of Sugammadex in Special Situations**

Ross Renew, *Rochester, MN, USA*

12:30 – 12:40 **Opioid Crisis and the Anesthesiologist**

Lawrence Epstein, *New York, NY, USA*

12:40 – 12:50 **The Cyber Revolution in Education: A Blessing or a Curse?**

Bozena Woltersom-Zwierzynska, *Groningen, The Netherlands*

12:50 – 13:10 **DISCUSSION**

THURSDAY, JANUARY 23, 2020

07:30 – 09:30 **REGISTRATION**

07:45 – 09:20 **WORKSHOP: HANDS ON REGIONAL BLOCK**

Meg Rosenblatt, *New York, NY, USA;*

Michael Anderson, *New York, NY, USA;*

Yan Lai, *New York, NY, USA;*

Elisha Dickstein, *New York, NY, USA;*

Benjamin Salter, *New York, NY, USA;*

Bob Williams, *New York, NY, USA*

09:30 – 09:50 **SPECIAL LECTURE**

Introduction:

Menachem Weiner, *New York, NY, USA*

Outcomes of Patients With Pulmonary Hypertension Following Non-Cardiac Surgery: Analysis of US National Data
Harish Ramakrishna, *Rochester, MN, USA*

09:50 – 11:40 **PRACTICE MANAGEMENT & LEGAL AND ETHICAL DILEMMAS**

Moderators:

Richard Beers, *Syracuse, NY, USA*

Arno Nierich, *Zwolle, The Netherlands*

09:50 – 10:00 **Update on the Controversy over Surgical Attire and Infectious Concerns**

Richard Beers, *Syracuse, NY, USA*

10:00 – 10:10 **Electronic Distraction of the Operating Room Staff**

Peter Papadakos *Rochester, NY, USA*

10:10 – 10:20 **Practice Management Update 2020**
Maria Galati, *New York, NY, USA*

10:20 – 10:30 **Is there a Doctor on This Aircraft? What You Need to Know When You Answer Yes**

David Bronheim, *New York, NY, USA*

10:30 – 10:40 **An Update for 2020 on the German Health Care System**

Edwin Boelke, *Dusseldorf, Germany*

10:40 – 10:50 **Hospital Organization in Mass Casualties**

Josef Wichelewski, *Eilat, Israel*

10:50 – 11:00 **Medical Marijuana: Fact or Fiction?**
Laura Ardizzone, *New York, NY, USA*

11:00 – 11:30 **DISCUSSION & COFFEE BREAK**

11:30 – 13:10 **PRESENTATION OF INTERESTING & COMPLEX CASES OR RESEARCH**

by residents, fellows and junior attending
Deadline for abstract submission:
October 31, 2019

E-mail: Menachem.weiner@mountsinai.org
(Power point 8 min. presentation).

Moderator:

Menachem Weiner, *New York, NY, USA*

Members of Jury:

Ulku Aypar, *Ankara, Turkey*

Edwin Boelke, *Dusseldorf, Germany*

Vladimir Cerny, *Prague, Czech Republic*

George Djaiani, *Toronto, Canada*

Isabelle Michaux, *Yvoir, Belgium*

Jan Rival, *Detroit, MI, USA*

Jeffery Vender, *Evanston, IL, USA*

Josef Wichelewski, *Eilat, Israel*

Program TBA.

Prizes will be awarded to the three best presentations on Friday (before the coffee break).

FRIDAY JANUARY 24, 2020

07:30 – 08:30 **REGISTRATION**

08:00 – 09:10 **HEMATOLOGY**

Moderators:

George Djaiani, *Toronto, Ontario, Canada*

Linda Shore-Lesserson, *Long Island, NY, USA*

08:00 – 08:10 **Innovations in Blood Conservation Techniques and Transfusion Medicine**
Arno Nierich, *Zwolle, The Netherlands*

08:10 – 08:20 **Cross-Talk Between Infection and Thrombosis**

Hushan Ao, *Beijing, China*

08:20 – 08:30 **Optimizing Blood Transfusion Via Implementation of a Bundled Intervention**

Christopher Jankowski, *Rochester, MN, USA*

08:30 – 08:40 **Anticoagulation Guidelines for CPB**
Linda Shore-Lesserson, *Long Island, NY, USA*

08:40 – 08:50 **Updates on Anesthesia for Sickle Cell Anemia**

Robert Friedhoff, *Rochester, MN, USA*

(continued on the back)

08:50 – 09:00	Bloodless Cardiac Surgery <i>Jitka Lomova, Prague, Czech Republic</i>	10:40 – 10:50	Dermatologic Surgery with Local Anesthesia <i>Martin Barsch, Linz, Austria</i>
09:00 – 09:10	Emergent Reversal Strategies for Anti-Coagulants: An Evolving Topic <i>Mark Smith, Rochester, MN, USA</i>	10:50 – 11:00	Perioperative Analgesic Management of The Opioid Use Disorder Patient <i>Steven Halle, New York, NY, USA</i>
09:10 – 09:30	SPECIAL LECTURE	11:00 – 11:10	Language Mapping During Awake Brain Surgery in Adults: Clinical Considerations <i>Ekaterina Patarai, Vienna, Austria</i>
	Introduction: <i>George Silvey, New York, NY, USA</i>	11:10 – 11:20	Postoperative and Postdischarge Nausea and Vomiting: Latest Evidence for Prevention and Treatment <i>Jamie Hyman, New York, NY, USA</i>
	Risk of Hypotension During Anesthesia and How to Prevent It <i>Michael Sander, Giessen, Germany</i>	11:20 – 11:30	E-Smoking and Anesthesia <i>Ram Roth, New York, NY, USA</i>
09:30 – 09:50	SPECIAL LECTURE	11:30 – 11:45	Perioperative Management of Cardiac Rhythm Devices <i>Marc Stone, New York, NY, USA</i>
	Introduction: <i>Marc Stone, New York, NY, USA</i>	11:45 – 12:00	Year-in-Review For Perioperative Medicine-Best Papers of 2019 <i>Adriana Oprea, New Haven, CT, USA</i>
	Disclosure and the Second Victim Phenomenon <i>Robert Lagasse, New Haven, CT, USA</i>	12:00 -12:10	DISCUSSION
09:50 – 10:20	DISCUSSION & COFFEE BREAK	12:10	CONCLUDING COMMENTS <i>George Silvey, New York, NY, USA</i>
10:20 – 12:10	MISCELLANEOUS TOPICS		
	Moderators: <i>Michael Sander, Giessen, Germany</i> <i>B.D. Woltersom-Zwierzynska, Groningen, The Netherlands</i>		
10:20 - 10:30	POCUS in Non-Cardiac Surgery <i>Daniel Bainbridge, London, Ontario, Canada</i>		
10:30 – 10:40	Evaluation of Gastric Contents by Ultrasound: Technique and Evidence For Use <i>Marc Sherwin, New York, NY, USA</i>		

* Workshops and presentations of interesting and complex cases by residents, fellows and junior faculty will not be eligible for CME credits.

The information presented is accurate as of July 26, 2019

SAVE THE DATE!

January 17-22, 2021

The 39th Annual International Symposium: Clinical Update in Anesthesiology, Surgery and Perioperative Medicine and Complimentary Workshops

Information will be announced regarding location in St. Kitts, West Indies during the 38th Annual Symposium