

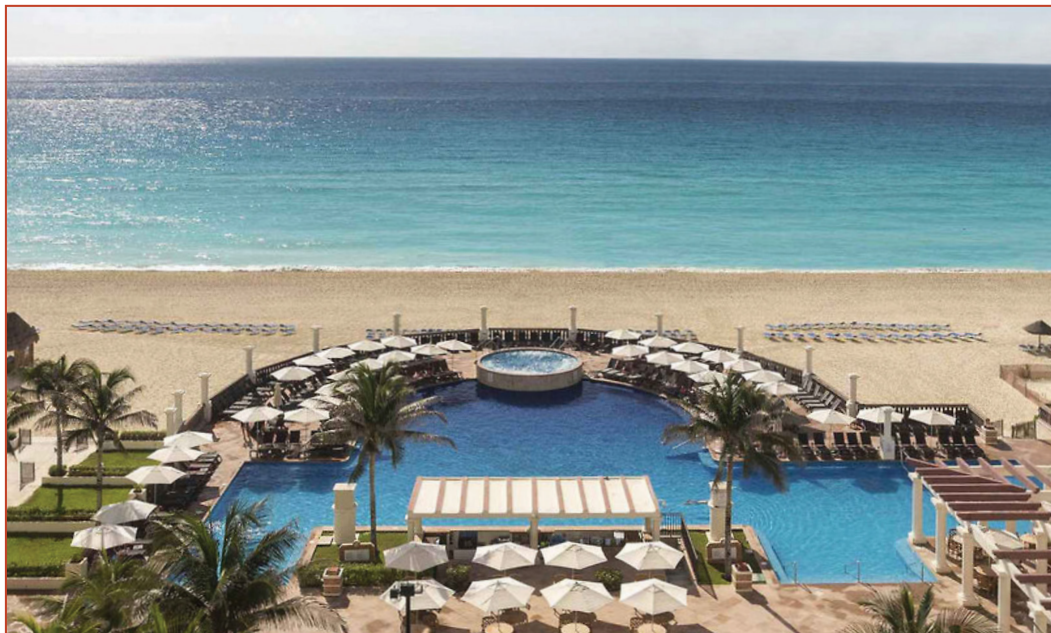
The Department of Anesthesiology at the Icahn School of Medicine at Mount Sinai, New York, NY, USA presents the

The 35th Annual International Symposium: Clinical Update in Anesthesiology, Surgery and Perioperative Medicine

Complimentary workshops, including: One Lung Ventilation; Ultrasound-Guided Regional Block; Difficult Airway; Transthoracic Echocardiography.



Icahn
School of
Medicine at
Mount
Sinai



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

Marriott Resort Casa Magna, Cancun, Mexico January 15-20, 2017

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

For abstract information contact: E-mail: Menachem.Weiner@mountsinai.org
Deadline: October 30, 2016

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

This activity has been approved for AMA PRA Category 1 credit and has been prior approved by the American Association of Nurse Anesthetists for CE credits.

Course Registration Form

**35th Annual International Symposium:
Clinical Update in Anesthesiology, Surgery and Perioperative Medicine
January 15 – 20, 2017, Marriott Resort Casa Magna, Cancun, Mexico**

Name _____

Address _____

City _____ State _____ Zip _____ Country _____

Telephone _____ E-Mail _____

Type of Credit Card _____ Credit Card # _____

Expiration date: _____

Registration Fee: Before December 14, 2016 After December 14, 2016

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, 2016.

20% Administrative fee retained from November 16 to December 31, 2016.

No refunds after January 1, 2017.

Symposium Website: www.clinicalupdateinanesthesiology.org

Hotel Information:

Marriott Resort Casa Magna, Cancun, Mexico
Blvd. Kukulcan, Retorno Chac L-41, Zona Hotelera
Cancun, Quintana Roo, Mexico 77500
+52-998-881-2000

ROOM	RATE
Run of House	\$248.00 single/double occupancy
Room Rate includes breakfast for two people daily	

**HOTEL RESERVATIONS ARE MADE ONLINE DIRECTLY
WITH THE HOTEL AT THE FOLLOWING LINK:
<http://cwp.marriott.com/cunmx/mts/>**

A credit card will be requested and a two (2) night deposit taken at time of booking.

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 35th 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, four 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. Four WORKSHOPS: 1-One lung ventilation; 2-Regional block; 3-Difficult airway; 4- ECHO Experts will demonstrate the latest techniques.

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: Hands-on one lung ventilation; ultrasound - guided regional anesthesia; difficult airway, ECHO.

CME 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 the Medical Society of the State of New York (MSSNY) to provide Continuing Medical Education for physicians.

The Westchester Academy of Medicine designates this live activity for a maximum of 18 hours 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 and the Medical Society of the State of New York 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.

The planners and faculty participants do not have any financial arrangements or affiliations with any commercial entities whose products, research or services may be discussed in these materials.

No commercial funding has been accepted for this activity.

Symposium Schedule

SUNDAY, JANUARY 15TH, 2017

16:00 – 18:00 **PRE-REGISTRATION**
(final collection of slides)

MONDAY, JANUARY 16TH, 2017

07:30 – 08:30 **Registration**

08:00 – 08:20 **Welcome and Announcements**
George Silvay, *New York, NY, USA*

08:20 – 11:00 **TIMELY TOPICS IN ANESTHESIA,
SURGERY AND PERIOPERATIVE
MEDICINE**

Moderators:

Joel Kaplan, *San Diego, CA, USA*

David Reich, *New York, NY, USA*

08:20 – 08:30 **Induced Pluripotent Stem Cells for
Precision Medicine**

Zeljko Bosnjak, *Milwaukee, WI, USA*

08:30 – 08:40 **Socioeconomic Position
and Impact on Outcomes**

Brigid Flynn, *Kansas City, MO, USA*

08:40 – 08:50 **Inotropic Therapy from Cell to the
Patient**

Philippe Housmans, *Rochester, MN, USA*

08:50 – 09:00 **Ultrastructural Changes in
Mitochondria of Diabetic Patients**

Pastor Luna, *Mexico City, Mexico*

09:00 – 09:10 **Impact of Ebola Virus on the Surgical
Setting**

Janet Martin, *London, Ontario, Canada*

09:10 – 09:20 **Xenon Anesthesia for Cardiac
Surgery**

Thomas Kotulak, *Prague, Czech Republic*

09:20 – 09:30 **Revisiting the EUROSCORE Based on
Frailty Indices**

Isabelle Michaux, *Yvoir, Belgium*

09:30 – 09:40 **Advanced Strategies for End-Stage
Heart Failure**

Jorge Catrip, *Mexico City, Mexico*

09:40 – 09:50 **3D Functional Modeling of the Mitral
Valve**

Daniel Bainbridge, *London, Ontario, Canada*

09:50 – 10:00 **Exposure to Anesthesia is Associated
with Development of Dementia**

Juraj Sprung, *Rochester, MN, USA*

10:00 – 10:10 **Perioperative Use of Statins**

Joe Szokol, *Evanston, IL, USA*

10:10 – 10:20 **Glycolyx and its Relevance for
Anesthesia Practice**

Vladimir Cerny, *Prague, Czech Republic*

10:20 – 10:30 **Optimizing Perioperative Care in
the Face of the Changing Guidelines
Concerning “Beta-Blockers”**

Miklos Kertai, *Durham, NC, USA*

10:30 – 10:40 **Perioperative Information Systems**

Jesse Ehrenfeld, *Nashville, TN, USA*

10:40 – 11:00 **SPECIAL LECTURE**

Introduction:

George Silvay, *New York, NY, USA*

**Health Care Reform: Implications of
Newer Payment Models on Anesthesia
Practice**

David Reich, *New York, NY, USA*

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

11:30 – 13:00 **CARDIOLOGY, CARDIAC
ANESTHESIOLOGY AND SURGERY**

Moderators:

Robert Michler, *New York, NY, USA*

Davy Cheng, *London, Ontario, Canada*

11:30 – 11:45 **Update on Atherosclerosis**

Allen Unger, *New York, NY, USA*

11:45 – 12:00 **The 10 Year STICH Trial**

Robert Michler, *New York, NY, USA*

12:00 – 12:15 **Anesthetic Considerations for Open
Thoracic Aortic Aneurysm Repair**

Yianni Augoustides, *Philadelphia, PA, USA*

12:15 – 12:30 **TAVR and the Expanding Role of the
Anesthesiologist**

Allan Stewart, *New York, NY, USA*

12:30 – 12:45 **What is New in CABG Surgery?**

Richard Daly, *Rochester, MN, USA*

12:45 – 13:00 **DISCUSSION**

TUESDAY, JANUARY 17TH, 2017

07:30 – 09:30 **Registration**

08:00 – 09:30 *****One Lung Ventilation – Workshop**

Edmond Cohen, *New York, NY, USA*

Dawn Desiderio, *New York, NY, USA*

Javier Campos, *Iowa City, IA, USA*

Harleena Gulati, *Winnipeg, Canada*

Bob Williams, *New York, NY, USA*

08:00 – 09:30 *****Difficult Airway –
Simulation Workshop**

Andrew Goldberg, *New York, NY, USA*

Ian Sampson, *New York, NY, USA*

Theresa Gelzini, *Pittsburgh, PA, USA*

Bob Williams, *New York, NY, USA*

09:30 – 11:00 **THORACIC SURGERY
AND ANESTHESIA**

Moderators:

Dawn Desiderio, *New York, NY, USA*

Danka Harustiakova, *Bratislava, Slovakia*

09:30 – 09:40 **Preoperative Evaluation of Thoracic
Patients**

Alessia Pedoto, *New York, NY, USA*

09:40 – 09:50 **Hypoxia During One Lung Ventilation –
What’s New?**

Javier Campos, *Iowa City, IA, USA*

09:50 – 10:00 **The EZ Blocker for One-Lung
Ventilation**

Martin Dworschak, *Vienna, Austria*

Symposium Schedule

10:00 – 10:10	Tracheal Resection: Sharing The Airway Dawn Desiderio, <i>New York, NY, USA</i>
10:10 – 10:20	Tracheal Resections: Surgical View Svetozar Harustiak, <i>Bratislava, Slovakia</i>
10:20 – 10:30	Perioperative Analgesia for Thoracic Surgery Stelian Serban, <i>New York, NY, USA</i>
10:30 – 10:40	Lung Cancer – Screening Raja Flores, <i>New York, NY, USA</i>
10:40 – 10:50	Robotic Applications in Thoracic Surgery Paul Waters, <i>Greenwich, CT, USA</i>
10:50 – 11:00	Future of Thoracic Surgery and Anesthesia Edmond Cohen, <i>New York, NY, USA</i>
11:00 – 11:30	DISCUSSION & COFFEE BREAK
11:30 – 11:50	SPECIAL LECTURE
	Introduction: George Silvay, <i>New York, NY, USA</i> Minimally – Invasive Cardio-thoracic Surgery: Are Clinical Outcomes Significantly Better than Conventional Surgery? Davy Cheng, <i>London, Ontario, Canada</i>
11:50 – 13:00	CARDIOVASCULAR INNOVATIONS
	Moderators: Joerg Ender, <i>Leipzig, Germany</i> Arie Blitz, <i>McAllen, TX, USA</i>
11:50 – 12:00	Cardiac Devices and the Anesthesiologist Sheela Pai Cole, <i>Palo Alto, CA, USA</i>
12:00 – 12:10	Anesthetic and Echocardiographic Management in the Mitral Clip Operation Joerg Ender, <i>Leipzig, Germany</i>
12:10 – 12:30	SPECIAL LECTURE
	Introduction: George Silvay, <i>New York, NY, USA</i> Update on Mechanical Circulatory Support 2017 Arie Blitz, <i>McAllen, TX, USA</i>
12:30 – 12:50	SPECIAL LECTURE
	Introduction: Menachem Weiner, <i>New York, NY, USA</i> Near-Infrared Spectroscopy in Cardiac Surgery Andre Denault, <i>Montreal, Quebec, Canada</i>
12:50	DISCUSSION

WEDNESDAY, JANUARY 18TH, 2017

07:30 – 09:30	Registration
08:00 – 09:30	“ECHO Workshop
	Joerg Ender, <i>Leipzig, Germany</i> Marc Stone, <i>New York, NY, USA</i> Zak Hillel, <i>New York, NY, USA</i> Steven Konstadt, <i>New York, NY, USA</i> Theresa Gelzinis, <i>Pittsburgh, PA, USA</i> Bob Williams, <i>New York, NY, USA</i>
09:30 – 11:30	CRITICAL CARE
	Moderators: Tomas Kotulak, <i>Prague, Czech Republic</i> Umesh Gidwani, <i>New York, NY, USA</i>
09:30 – 09:40	How Does What Happens in the OR Influence the ICU? Ali Kutsal, <i>Ankara, Turkey</i>
09:40 – 09:50	Acute Kidney Injury Ilona Bobek, <i>Budapest, Hungary</i>
09:50 – 10:00	Ventilation Management in ICU George Grigolia, <i>Tbilisi, Georgia</i>
10:00 – 10:10	Obstructive Sleep Apnea, Perioperative Management: What is the Evidence? Martin Nitsun, <i>Evanston, IL, USA</i>
10:10 – 10:20	Building a Perioperative Safety and Quality Program Christopher Jankowski, <i>Rochester, MN, USA</i>
10:20 – 10:30	Elderly with Chronic Kidney Disease in ICU Silvester Krcmery, <i>Bratislava, Slovakia</i>
10:30 – 10:40	Postoperative Respiratory Depression Toby Weingarten, <i>Rochester, MN, USA</i>
10:40 – 10:50	Postoperative Cognitive Dysfunction Stacie Deiner, <i>New York, NY, USA</i>
10:50 – 11:00	Enhanced Recovery after Surgery Anoushka Afonso, <i>New York, NY, USA</i>
11:00 – 11:10	History and Evolution of Cardiac Critical Care Umesh Gidwani, <i>New York, NY, USA</i>
11:10 – 11:30	DISCUSSION & COFFEE BREAK
11:30 – 13:45	CARDIAC ANESTHESIOLOGY AND SURGERY
	Moderator: Ulku Aypar, <i>Ankara, Turkey</i> Marc Stone, <i>New York, NY, USA</i>
11:30 – 11:40	ACE-I and ARB and the Perioperative Period David Bronheim, <i>New York, NY, USA</i>
11:40 – 11:50	Applications of Cardiovascular PET/CT Erick Alexanderson, <i>Mexico City, Mexico</i>
11:50 – 12:00	Hybrid Coronary Revascularization: Current State and Perspective Galina Leyvi, <i>New York, NY, USA</i>
12:00 – 12:10	Carcinoid Heart Disease Javier Castillo, <i>New York, NY, USA</i>

Symposium Schedule

- 12:10 – 12:20 **Update on Levosimendan**
Norbert Huebner, *Bad Rothenfelde, Germany*
- 12:20 – 12:30 **Atrial Fibrillation Following Cardiac Surgery**
Jacob Gutsche, *Philadelphia, PA, USA*
- 12:30 – 12:40 **Neurological Complications Following Cardiac Surgery**
Ekaterina Patarai, *Vienna, Austria*
- 12:40 – 12:50 **Right Ventricular Dysfunction in Cardiac Surgery**
Frank Kletzin, *Rostock, Germany*
- 12:50 – 13:00 **Value of Spinal Cord Protection in TAAA**
George Djaiani, *Toronto, Ontario, Canada*
- 13:00 – 13:10 **Management of Patients with Metabolic Syndrome for Cardiac Surgery**
Hushan Ao, *Beijing, China*
- 13:10 – 13:20 **Anesthetic Management of the Complicated Parturient – Including Cardiac**
Jonathan Epstein, *New York, NY, USA*
- 13:20 – 13:30 **Heart Transplantation 2016**
Hynek Riha, *Prague, Czech Republic*
- 13:30 – 13:45 **DISCUSSION**

THURSDAY, JANUARY 19TH, 2017

07:30 – 09:30 **Registration**

08:00 – 09:30 *****Hands-On Regional Block Workshop**

Meg Rosenblatt, *New York, NY, USA*
Michael Anderson, *New York, NY, USA*
Lawrence Epstein, *New York, NY, USA*
Bob Williams, *New York, NY, USA*

09:30 – 10:00 **SPECIAL LECTURE**

Introduction:
Menachem Weiner, *New York, NY, USA*
Pacemakers and ICDs
Marc Stone, *New York, NY, USA*

10:00 – 11:30 **PAIN MANAGEMENT**

Moderators:
Lawrence Epstein, *New York, NY, USA*
Meg Rosenblatt, *New York, NY, USA*

10:00 – 10:10 **Anesthetic Management for Hip Replacement in the Elderly**
Michael Anderson, *New York, NY, USA*

10:10 – 10:20 **Ultrasound-Guided Nerve Blocks for Non-Orthopedic Surgery**
Meg Rosenblatt, *New York, NY, USA*

10:20 – 10:30 **Post-Thoracotomy Pain Management**
Srinivas Coimbatore, *Toronto, Canada*

10:30 – 10:40 **Thoracic Epidural Anesthesia for Cardiac Surgery**
Martin Stritesky, *Prague, Czech Republic*

10:40 – 10:50 **Update on the Mechanism of Chronic Pain**
Eleni Moka, *Heraklion, Greece*

10:50 – 11:00 **Should Ultrasound be Used for All Central Line Placement?**
Mark Abel, *New York, NY, USA*

11:00 – 11:10 **How to Run a Pain Management Clinic**
Lawrence Epstein, *New York, NY, USA*

11:10 – 11:30 **DISCUSSION & COFFEE BREAK**

11:30 – 12:40 **HEMATOLOGY**

Moderators:

Minoru Nomura, *Tokyo, Japan*
George Djaiani, *Toronto, Ontario, Canada*

11:30 – 11:40 **Bloodless Cardiac Surgery**
Jitka Lomova, *Prague, Czech Republic*

11:40 – 11:50 **TBA**

11:50 – 12:00 **Cardiopulmonary Bypass without Heparin**
Kent Rehfeldt, *Rochester, MN, USA*

12:00 – 12:10 **Perioperative Management of New Oral Anticoagulants**
Mark Smith, *Rochester, MN, USA*

12:10 – 12:40 **PANEL: Management of Coagulation during Cardiac Surgery**

Moderator:

Menachem Weiner, *New York, NY, USA*

Panel:

Minoru Nomura, *Tokyo, Japan*
George Djaiani, *Toronto, Ontario, Canada*
Bernardo Fernandez, *Mexico City, Mexico*

16:00 – 18:00 *****PRESENTATION OF INTERESTING & COMPLEX CASES**

By Residents, Fellows and Junior Attendings (Power Point Presentation – 10 mins)

Moderators:

Ian Sampson, *New York, NY, USA*
Menachem Weiner, *New York, NY, USA*

Members of Jury:

Ram Roth, *New York, NY, USA*
Joerg Ender, *Leipzig, Germany*
Jan Rival, *Detroit, MI, USA*
Andrew Goldberg, *New York, NY, USA*
George Djaiani, *Toronto, Ontario, Canada*
Isabelle Michaux, *Yvoir, Belgium*
Edwin Boelke, *Düsseldorf, Germany*

Program TBA

Prizes to the three best presentations will be awarded Friday. (Before the Coffee Break)

18:00 – 20:00 **35TH YEAR ANNIVERSARY CELEBRATION:**

Memories from the Annual International Symposia: 1982 – 2017.
Join us for fun and refreshments as we thank all our faculty and participants for their ongoing support.

(continued on back page)

FRIDAY JANUARY 20TH, 2017

07:30 – 08:30	Registration
08:00 – 09:45	LEGAL AND ETHICAL DILEMMAS
	Moderators: Robert Lagasse, <i>New Haven, NY, USA</i> Pastor Luna, <i>Mexico City, Mexico</i>
08:00 – 08:10	Drawing Up Medicines in Advance: Where we Stand with Accreditors and USP Rich Beers, <i>New York, NY, USA</i>
08:10 – 08:20	Update on Dental Clearance for Cardiac Surgery David Valauri, <i>New York, NY, USA</i>
08:20 – 08:30	Practice Management Update 2016 Maria Galati, <i>New York, NY, USA</i>
08:30 – 08:40	Vulnerable Young Brains during Intervention and Surgery Zeljko Bosnjak, <i>Milwaukee, WI, USA</i>
08:40 – 08:50	HIPAA and Privacy James Szalados, <i>Rochester, NY, USA</i>
08:50 – 09:00	Team-Based Care Thomas Higgins, <i>Greenfield, MA, USA</i>
09:00 – 09:10	The Role of Dedicated Teams in Complex Cardiac Cases Bożena Wolterson-Zwierzyńska, <i>Groningen, Netherlands</i>
09:10 – 09:20	An Update for 2017 on the German Health Care System Edwin Boelke, <i>Dusseldorf, Germany</i>
09:20 – 09:30	Measuring Physician Performance: Metric, Money, and Myths Robert Lagasse, <i>New Haven, CT, USA</i>
09:30 – 09:45	DISCUSSION & COFFEE BREAK
09:45 – 12:15	MISCELLANEOUS TOPICS
	Moderators: Ian Sampson, <i>New York, NY, USA</i> Tomas Drabek, <i>Pittsburgh, PA, USA</i>
09:45 – 09:55	Hemodynamic Changes in the Morbidly Obese Guillermo Dominguez-Cherit, <i>Mexico City, Mexico</i>

09:55 – 10:05	Anesthesia for Electrophysiological Procedures Achal Dhir, <i>London, Ontario, Canada</i>
10:05 – 10:15	Prosthetic Mitral Valve in Pediatrics Antonio Benita, <i>Mexico City, Mexico</i>
10:15 – 10:25	Update on Normothermia: Why and How? Ian Sampson, <i>New York, NY, USA</i>
10:25 – 10:35	Update on Sepsis Tomas Drabek, <i>Pittsburgh, PA, USA</i>
10:35 – 10:45	Conscious Sedation for Transcatheter Valvular Replacement Prakash Patel, <i>Philadelphia, PA, USA</i>
10:45 – 10:55	Anesthesia for Percutaneous Mitral Valve Replacement Theresa Gelzinis, <i>Pittsburgh, PA, USA</i>
10:55 – 11:05	Anesthesia for Radiological Procedures Anne Kolker, <i>New York, NY, USA</i>
11:05 – 11:15	Effect of Remifentanyl on Potassium Channels in Human Cardiomyocytes Martin Martinez, <i>Mexico City, Mexico</i>
11:15 – 11:25	Cricoid Pressure and Pulmonary Aspiration Robert Friedhoff, <i>Rochester, MN, USA</i>
11:25 – 11:35	Surgery for Acute Pulmonary Embolism Ramachandra Reddy, <i>New York, NY, USA</i>
11:35 – 11:45	Stellate Ganglion Blockade for Refractory VT/VF Erica Wittwer, <i>Rochester, MN, USA</i>
11:45 – 11:55	Eating on the Labor Floor Aren Gottlieb, <i>New York, NY, USA</i>
11:55 – 12:05	Electronic Smoking (E-smoking, Vaping) and Anesthesia Ram Roth, <i>New York, NY, USA</i>
12:05 – 12:15	Patients with Recent Coronary Stents for Non-Cardiac Surgery Zdravka Zafirova, <i>New York, NY, USA</i>
12:15	CONCLUDING COMMENTS George Silvey, <i>New York, NY, USA</i>

**** Workshops and the 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 12, 2016.

SAVE THE DATES!

The 36th Annual International Symposium: Clinical Update in Anesthesiology, Surgery and Perioperative Medicine with Industrial Exhibits and Complimentary Workshops

January 14 – 19, 2018

Location and information will follow.