

University of Manitoba, Canada - Heart Center Leipzig, Germany - Icahn School of
Medicine at Mount Sinai, New York, NY, USA presents the

31st and 1/2 Symposium: Clinical Update in Anesthesiology, Surgery and Perioperative Medicine

With Industrial exhibits, workshops and poster discussion



Course Directors Drs. George Silvay, Joerg Ender, Hilary Grocott,
Samuel DeMaria and Ms. Maria Galati MBA

The Bellagio, Las Vegas, NV

October 17 – 20, 2013

Invited participants: Physicians, Physicians in Training, CRNAs, Nurses,
Physician Assistants, Perfusionists

Abstracts will be accepted for poster-discussion in the following areas:

New surgical, anesthetic, perfusion and perioperative techniques; monitoring; new pharmacologic
agents; interesting case series; and basic science research related to anesthesia and surgery.

The deadline for abstract submission is 9/15/2013

For information: general - contact: margorie.fraticelli@mountsinai.org; abstract:
ian.sampson@mountsinai.org; industrial exhibits contact: bob.williams@mountsinai.org .

www.lvclinicalupdateinanesesthesiology.org

EDUCATIONAL OBJECTIVES

The 31st and ½ Annual 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, a hands-on transthoracic echocardiography workshop will be conducted free of charge for interested participants.

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

1. Describe 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 management of the patient with cardiac disease

EDUCATIONAL METHODS

- Didactic lectures and panel discussions by recognized leaders in their field.
- Poster presentation of abstracts of relevant basic science research and interesting clinical cases
- Workshops: A: Evidence based decision – making and knowledge translation in perioperative medicine. B: Perioperative echocardiography.

TARGET AUDIENCE

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

FACULTY DISCLOSURE

It is our policy to ensure objectivity, balance, independence, transparency, and scientific rigor in all CME-sponsored educational activities. All faculty participating in the planning or implementation of a sponsored activity are expected to disclose to the audience any relevant financial relationships and to assist in resolving any conflict of interest that may arise from the relationship. Presenters must also make a meaningful disclosure to the audience of their discussions of unlabeled or unapproved drugs or devices. This information will be available as part of the course material.

ACCREDITATION STATEMENT

The Royal College of Physicians and Surgeons of Canada designates this live activity for a maximum of 15 hours of Section 1 credits, and the same number of credits in the AMA PRA Category 1 Credit(s)TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Credits are available for: MD's, CRNAs, RNs, PAs and Perfusionists.

THURSDAY, OCTOBER 17th, 2013

- 13:30 – 16:30 PRE-REGISTRATION**
- 15:00 – 15:15 WELCOME AND ANNOUNCEMENTS**
George Silvay, New York, NY, USA
Joerg Ender, Leipzig, Germany
Hilary Grocott, Manitoba, Canada
- 15:15 – 16:30 AORTIC VALVE SURGERY**
Moderators: Hilary Grocott, Manitoba, Canada
Germano Melissano, Milano, Italy
- 15:15 – 15:30 Aortic Valve Replacement with CPB**
Paul Stelzer, New York, NY, USA
- 15:30 – 15:45 Percutaneous AV Replacement**
Chirojit Mukherjee, Leipzig, Germany
- 15:45 – 16:00 Canadian Approach**
Bob Kiaii, London, Ontario, Canada
- 16:00 – 16:30 DISCUSSION**
- 16:30 – 17:00 SPECIAL LECTURE**
Moderator: Paul Goldiner, New York, NY, USA
- 16:30 – 16:50 Patient Safety and Efficiency in the Perioperative
Period: Can the Two Co-exist?**
Vinod Malhotra, New York, NY, USA
- 16:50 – 17:00 DISCUSSION**
- 17:00 – 18:00 INTERESTING TOPICS IN CARDIAC SURGERY: PART I**
Moderator: Karel Cvachovec, Prague, Czech Republic
Ulku Aypar, Ankara, Turkey
- 17:00 – 17:15 Do We Still Need the Pulmonary Catheter for
Cardiac Surgery? When?**
Martin Dworschak, Vienna, Austria
- 17:15 – 17:30 Therapeutic Hypothermia after Perioperative Cardiac
Arrest**
James E. Szalados, Rochester, NY, USA
- 17:30 – 17:45 Pulmonary Hypertension and RV Dysfunction**
Eric Jacobsohn, Winnipeg, Manitoba, Canada
- 17:45 – 18:00 DISCUSSION**

FRIDAY, OCTOBER 18th, 2013

8:30 – 11:00 REGISTRATION

9:00 – 10:15 THORACIC SURGERY & ANESTHESIA

Moderators: Dawn Desiderio, New York, NY, USA
Edwin Boelke, Dusseldorf, Germany

09:00 – 09:15 Update in One Lung Ventilation

Javier Campos, Iowa City, Iowa, USA

09:15 – 09:30 From the Minimally Invasive to Robotic Procedures

Alessia Pedoto, New York, NY, USA

09:30 – 09:45 Protective Ventilatory Strategies

Juraj Sprung, Rochester, MN, USA

09:45 – 10:00 The Present and Future of Thoracic Surgery

Paul Waters, Greenwich, CT, USA

10:00 – 10:15 DISCUSSION

10:15 – 11:00 SPECIAL LECTURE

Moderator: Matthias Heringlake, Luebeck, Germany

10:15 – 10:30 Prevention of CNS Injury in Cardiac Surgery

Hilary Grocott, Manitoba, Canada

10:30 – 10:45 Comment

Gregory Fischer, New York, NY, USA

10:45 – 11:00 DISCUSSION

11:00 – 12:00 PRO/CON DEBATE: CABG vs STENT

Moderators: Robert Michler, New York, NY, USA
Minoru Nomura, Tokyo, Japan

11:00 – 11:15 Robert Michler, New York, NY, USA

11:15 – 11:25 Joseph Sweeney, New York, NY, USA

11:25 – 11:35 Holger Thiele, Leipzig, Germany

11:35 – 11:45 Bob Kiaii, London, Ontario, Canada

11:45 – 12:00 DISCUSSION

POSTERS SESSION, INDUSTRIAL EXHIBITS Open from 12:30 – 16:30

13:30 – 15:00 FREE WORKSHOPS

A. Evidence - Based Decision - Making and Knowledge
Translation in Perioperative Medicine.

Co-chairs: Janet Martin and Davy Cheng, London, Ontario,
Canada

B. Perioperative Echocardiography

Co-chairs: Erik Sloth, Aarhus, Denmark, Samuel DeMaria,
New York, NY, USA

Teachers: Carmine Bevilacqua, Leipzig, Germany;
Gregory Fischer, New York, NY, USA;
Chirojit Mukherjee, Leipzig, Germany;
Daniel Bainbridge, London, Ontario, Canada;
Andrew Goldberg, New York, NY, USA

15:00 – 16:00 MITRAL VALVE SURGERY

Moderators: Gregory Fischer, New York, NY, USA
Takea Kawamura, Sendai, Japan

15:00 – 15:15 Anesthesia and TEE

Menachem Weiner, New York, NY

15:15 – 15:30 Modern Mitral Valve Surgery and Beyond

Joerg Seeburger, Leipzig, Germany

15:30 – 15:45 Minimally Invasive and Robotic Procedures

Daniel Bainbridge, London, Ontario, Canada

15:45 – 16:00 DISCUSSION

16:00 – 16:50 SPECIAL LECTURES

Moderator: Martin Dworschak, Vienna, Austria

16:00 – 16:20 Anesthetic Management of Adult with Congenital Heart Disease

Minoru Nomura, Tokyo, Japan

16:20 – 16:40 Fast Tracking Benefit for Patient and Hospital

Joerg Ender, Leipzig, Germany

16:40 – 16:50 DISCUSSION

16:50 – 18:20 INTERESTING TOPICS IN CARDIAC SURGERY: PART II

Moderators: Joerg Ender, Leipzig, Germany
Karel Cvachovec, Prague, Czech Republic

16:50 – 17:05 Cognitive Dysfunction

Carl-Johan Jakobsen, Aarhus, Denmark

17:05 – 17:20 Brain Preconditioning: Is there a challenge?

Zeljko Bosnjak, Milwaukee, WI, USA

17:20 – 17:35 Clinical Microcirculation: Lesson for Anesthesiologists

Vladimir Cerny, Hradec Kralove, Czech Republic

17:35 – 17:50 Regional Anesthesia in Cardiac Surgery?

Stephen Kowalski, Winnipeg, Canada

17:50 – 18:05 Kidney Protection

Matthias Heringlake, Luebeck, Germany

18:05 – 18:20 DISCUSSION

SATURDAY, OCTOBER 19th, 2013

8:30 – 11:00 REGISTRATION

9:00 – 10:30 ISSUES IN CRITICAL CARE

Moderators: Joerg Ender, Leipzig, Germany
George Djaiani, Toronto, Canada

09:00 – 09:15 Sedation in the ICU

Salvatore Vitale, New York, NY, USA

09:15 – 09:30 ECMO

Jacob Gutsche, Philadelphia, PA, USA

09:30 – 09:45 Prevention of Sepsis

Edwin Boelke, Dusseldorf, Germany

09:45 – 10:00 Critical Care: Metrics and Money

Maria Galati, New York, NY, USA

10:00 – 10:15 Cerebral Oximetry in ICU

Duane Funk, Winnipeg, Canada

10:15 - 10:30 DISCUSSION

10:30 – 12:00 AORTIC ANEURYSM SURGERY

Moderators: George Silvay, New York, NY, USA
Uwe Schirmer, Bochum, Germany

10:30 – 10:45 Anesthesia and Monitoring

Gregory Fischer, New York, NY, USA

10:45 – 11:00 Open Repair

Christian Etz, Leipzig, Germany

11:00 – 11:15 Endovascular Repair

Germano Melissano, Milano, Italy

11:15 – 11:30 TEVAR vs Open Surgery - Outcomes

Davy Cheng, London, Ontario, Canada

11:30 – 11:45 Marfan Disease

Martin Misfeld, Leipzig, Germany

11:45 – 12:00 DISCUSSION

POSTERS SESSION, INDUSTRIAL EXHIBITS Open from 12:30 – 16:30

13:30 – 15:00 FREE WORKSHOP

B. Perioperative Echocardiography
See October 18, 2013

**15:00 – 16:15 FAILING HEART- MECHANICAL SUPPORT
AND TRANSPLANTATION:**

Moderators: Richard Daly, Rochester, MN, USA
George Djaiani, Toronto, Canada

- 15:00 – 15:15** **IABP**
Holger Thiele, Leipzig, Germany
- 15:15 – 15:30** **Mechanical Circulatory Support - 2013**
Arie Blitz, Cleveland, OH, USA
- 15:30 – 15:45** **Multiple Organs Transplantation**
Samuel DeMaria, New York, NY, USA
- 15:45 – 16:00** **Future of the Heart Transplantation**
Richard Daly, Rochester, MN, USA
- 16:00 – 16:15** **DISCUSSION**
- 16:15 – 18:00** **HEMATOLOGY AND CPB**
Moderators: David Royston, Harefield, UK
Keyvan Karkouty, London, Ontario, Canada
- 16:15 – 16:30** **Pre operative Anemia**
Andrew Klein, Cambridge, UK
- 16:30 – 16:45** **Factor VII**
George Djaiani, Toronto, Canada
- 16:45 – 17:00** **Fibrinogen Therapy**
Keyvan Karkouti, London, Ontario, Canada
- 17:00 – 17:15** **Transfusion Trigger**
Paul Loubser, Houston, TX, USA
- 17.15 – 17:30** **Pro – And Antihemostatic – State of the Art**
David Royston, Harefield, UK
- 17:30 – 18:00** **DISCUSSION**
- 18:00** **CONCLUSION OF SYMPOSIUM**

Course Registration

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Name _____

Address _____

City _____ State _____ Zip _____ Country _____

Telephone _____ E-Mail _____

Registration fee	Before 9/15/13	Before 10/15/13	On site
Physicians	\$450	\$500	\$550
CRNA, RN, PA, Perfusionist	\$300	\$350	\$400
Physician in training	\$200	\$250	\$300

Credits are available for: MDs, CRNAs, RNs, PAs and Perfusionists

Make check payable to:

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

Mail payment to:

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

Full refund if written notice of cancellation prior to September 15, 2013.

20% Administrative fee retained from September 16, 2013, to September 30, 2013.

No refunds after October 1, 2013.

Credit Cards are not accepted for registration; now, or at the meeting site.

Symposium Website:

www.lvclinicalupdateinanesthesiology.org

HOTEL INFORMATION:

HOTEL RESERVATIONS ARE MADE ONLINE OR BY TELEPHONE DIRECTLY WITH THE HOTEL AT THE FOLLOWING WEBLINK / TELEPHONE NUMBERS:

https://resweb.passkey.com/Resweb.do?mode=welcome_ei_new&eventID=10587238

Reservations Toll Free: 1-888-987-6667

Reservations Local Phone: 1-702-693-7444

The room rate will come up as an average rate

PLEASE ADDRESS ALL HOTEL AND RESERVATION RELATED QUESTIONS AND/OR CONCERNS DIRECTLY WITH THE HOTEL

**Topics and speakers schedules are subject to change.
The information presented is accurate as of April, 2013.**