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TOPICS AND SPEAKERS SCHEDULES ARE SUBJECT TO CHANGE.
THE INFORMATION PRESENTED IS ACCURATE AS OF APRIL, 2013.

Course Registration

31ST AND 1/2 SYMPOSIUM:

CLINICAL UPDATE IN ANESTHESIOLOGY, SURGERY AND PERIOPERATIVE MEDICINE

OCTOBER 17 – 20, 2013, THE BELLAGIO, LAS VEGAS, NV

Name _____

Address _____

City _____ State _____ Zip _____ Country _____

Telephone _____ E-mail _____

Registration Fee:	Before 9/15/2013	Before 10/15/2013	On Site
Physicians	\$450	\$500	\$550
CRNA, RN, PA, Perfusionists,	\$300	\$350	\$400
Physicians 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

The Icahn School of Medicine
at Mount Sinai
One Gustave L. Levy Place
New York, NY, 10029

31ST AND 1/2 SYMPOSIUM

*Clinical Update in Anesthesiology,
Surgery and Perioperative Medicine*

OCTOBER 17 – 20, 2013

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 submission is Sunday, September 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 1/2 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

Target Audience

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

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.

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)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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

Symposium Schedule

THURSDAY, OCTOBER 17, 2013

13:30 – 16:30 Pre-Registration

15:00 – 15:15 Welcome and Announcements
George Silway, *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 **Perioperative Hyperthermia.
What is not MH?**
Andrew Herlich, *Pittsburgh, PA, USA*
- 17:30 – 17:45 **Pulmonary Hypertension
and RV Dysfunction**
Eric Jacobsohn, *Manitoba, Canada*
- 17:45 – 18:00 **Discussion**

FRIDAY, OCTOBER 18, 2013

08:30 – 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, *Bronx, NY, USA*
Minoru Nomura, *Tokyo, Japan*

11:00 – 11:15 Robert Michler, *Bronx, 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 (OPENS 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, *London, Ontario, Canada*
Davy Cheng, *London, Ontario, Canada*

B. **Perioperative Echocardiography**
Co-chairs:
Erik Sloth, *Aarhus, Denmark*
Samuel DeMaria, *New York, NY, USA*
Teachers:
Dominique Bettex, *Zurich, Switzerland*
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:

David Reich, *New York, NY, USA*
Takea Kawamura, *Sendai, Japan*

15:00 – 15:15 **Anesthesia and TEE**
Dominique Bettex, *Zurich, Switzerland*

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, *Manitoba, Canada*
- 17:50 – 18:05 **Kidney Protection**
Matthias Heringlake, *Luebeck, Germany*
- 18:05 – 18:20 **Discussion**

**POSTERS SESSION,
INDUSTRIAL EXHIBITS**
(OPENS FROM 12:30 – 16:30)

13:30 – 15:00 Free Workshop

B. Perioperative Echocardiography

Co-chairs:

Erik Sloth, *Aarhus, Denmark*

Samuel DeMaria, *New York, NY, USA*

Teachers:

(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

TBA

17:15 – 17:30 Pro – And Antithrombotic – State of the Art

David Royston, *Harefield, UK*

17:30 – 18:00 Discussion

18:00 Conclusion of Symposium

SATURDAY, OCTOBER 19, 2013

08:30 – 11:00 Registration

09:00 – 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, *Manitoba, Canada*

10:15 - 10:30 Discussion

10:30 – 12:00 Aortic Aneurysm Surgery

Moderators:

George Silvey, *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