Learning Objectives

Upon completion of this conference, participants should be able to:

1. Discuss cardiovascular issues in patients with cardiac disease for non-cardiac surgery
2. Predict and manage common complications involved with heart, lung, liver, and kidney transplantation surgery
3. Discuss indications and management of invasive monitoring
4. Understand the concept of enhanced recovery after abdominal surgery
5. Improve outcomes in obstetric anesthesia
6. How to manage the elderly patient for complex surgical procedures
7. Improve management of patients in the intensive care unit
8. Improve skills in crisis management scenarios
9. Understand how to better manage off-site anesthesia
10. Improve patient safety in perioperative care

Agenda

Friday, April 12 - Cardiovascular and Thoracic Surgery, Heart and Lung Transplantation
7:30 am - 8:00 am: Registration
8:00 am - 8:15 am: Opening Remarks - Antonio A. Arcadipane, MD and John P. Williams, MD
8:15 am - 11:30: Didactic - Chair: Pilato, Locatelli, and Bertani
   • 8:15 am - 8:45 am: Thoracic Surgery Which Strategy is the Best: The Surgeon and Anesthesiologist’s View - Prof. Giorgio Della Rocca
   • 8:45 am - 9:15 am: Anesthesia Concerns in Cardiac Surgery: How to Manage Coagulation Problems - Kenichi Tanaka, MD, MSc
   • 9:15 am - 9:45 am: What’s New in Heart Transplantation 2013 - Dr. Luca Lorini
9:45 am - 10:00 am: Break
10:00 AM – 11:45 AM – Didactic - Chair: Gullo, Giarratano and Scardulla
   • 10:00 am - 10:30 am: The Cardiopathic Patient Who Undergoes Non-Cardiac Surgery - Prof. Luigi Trirapepe
   • 10:30 am - 11:00 am: How to Improve Lung Donation in the Brain Dead Donor - Dr. Franco Valenza
   • 11:00 am - 11:45 am: Keynote Lecture: Transplanting the Ethics of Resource Allocation: From the Clinic to Hospital Management - Prof. Bruno Gridelli
11:45 am - 12:45 pm - Lunch
1:00 pm - 3:00 pm: **Simulation: Difficult Airway Management/Crisis Management** - IsMETT and UPMC Faculty

- Lab 1 - Difficult Airway Management in the OR (Anesthesia Crisis: Can’t Ventilate or Intubate) - UPMC Faculty
- Lab 2 - Post Cardiac Surgery Cardiac Arrest in the ICU - IsMETT Faculty
- Lab 3 - NORA (Non Operating Room Anesthesia) When Problems Happen Part 1 - IsMETT Faculty

3:00 pm - 3:30 pm: **Break**

3:30 pm - 5:30 pm: **Simulation: Crisis Management** - IsMETT and UPMC Faculty

- Lab 1 - Anesthesia Crisis: Anaphilactic Shock During Induction - UPMC Faculty
- Lab 2 - Cardiogenic Shock How to Proceed to Save Lives - IsMETT Faculty
- Lab 3 - NORA (Non Operating Room Anesthesia) When Problems Happen Part 2 - IsMETT Faculty

5:30 pm – 6:30 pm: **PBLD**: PBLD Related to the Simulation Sessions or the Morning Lecture - Joseph J. Quinlan, MD

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**Saturday, April 13 - Major Abdominal Surgery and Abdominal Transplantation**

7:30 am - 8:00 am: **Registration**

8:00 am - 8:15 am: **Opening Remarks** - Raymond M. Planinsic, MD

8:15 am - 9:45 am: **Didactic** - Chair: Faenza, Planinsic and Spada

- 8:15 am - 8:45 am: ERAS (Enhanced Recovery After Surgery): General Abdominal Surgery - The Role of Fluid Therapy - Prof. Marco Rossi
- 8:45 am - 9:15 am: The Third Decade of Liver Transplantation: How to Reduce Invasiveness and Improve Outcome - Dr. Gianni Biancofiore
- 9:15 am - 9:45 am: Major Abdominal Surgery in the Elderly: How to Manage These Frail Patients - Dr. Paolo Feltracco

9:45 am - 10:00 am: **Break**

10:00 am - 11:45 am: **Didactic** - Chair: Vitulo, Tetamo and Metro

- 10:00 am - 10:30 am: Crisis in Obstetrics Anesthesia: Are We Improving the Outcome for Both Mother and Child? - Prof. Antonello Giarratano
- 10:30 am - 11:00am: How to Avoid Pulmonary Complications During the Perioperative Period - Dr. Giorgio Iotti
- 11:00 am - 11:45 am: Keynote Lecture: The Role of Simulation in Modern Anesthesia Practice European/American Perspective - Paul E. Phrampus, MD/Prof. Giuseppe Marraro

11:45 am - 12:30 pm: **Lunch**
1:00 pm - 3:00 pm: **Simulation: Crisis Management** - IsMETT and UPMC Faculty

- Lab 1 - Arrhythmias and Hemodynamic Instability During Extubation - UPMC Faculty
- Lab 2 - ICU Mismanagement: An Example of Poor Handover - IsMETT Faculty
- Lab 3 - Massive Bleeding During Delivery - IsMETT Faculty and S. Raffaele

3:00 pm - 3:30 pm: **Break**

3:30 pm - 5:30 pm: **Simulation: Crisis Management** - IsMETT and UPMC Faculty

- Lab 1 - Anesthesia Crisis: Cardiac Arrest on Induction - UPMC Faculty
- Lab 2 - ICU Crisis: Post Cardiac Arrest Management (Hypothermic Neuroprotection) - IsMETT Faculty
- Lab 3 - Accidental IV Injection of Long Acting Local Anesthetic - IsMETT Faculty and S. Raffaele

5:30 pm – 6:30 pm: **PBLS - D**: Related to the Simulation Sessions or the Morning Lecture - David G. Metro, MD

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