Speakers

Katja Auinger, KD Dr.
Attending Physician
Institute of Intensive Care Medicine, University Hospital Zurich

David Berger, Dr.
Hospital Specialist I, University Clinic for Intensive Care Medicine
University Hospital Bern

Maurizio Cecconi, Prof. Dr.
Head of Department Anaesthesia and Intensive Care Units
Humanitas Research Hospital Milano

Matthias Hilty, Dr.
Attending Physician
Institute of Intensive Care Medicine, University Hospital Zurich

Mark Konrad, Dr.
Head of Medical
Getinge – PULSION Medical Systems SE

Xavier Monnet, Prof. Dr.
Professor of Intensive Care Medicine
Bicêtre Hospital, Paris-South University Hospitals

Marco Maggiorini, Prof. Dr.
Head of Medical Intensive Care Unit
Institute of Intensive Care Medicine, University Hospital Zurich

Information

When
Thursday – Friday, October 17 – 18th, 2019

Contact
University Hospital Zurich
Ulrike Plüss
medizinische.ips@usz.ch
+41 44 255 30 92

Organizer
Prof. Dr. Marco Maggiorini
Head of Medical Intensive Care Unit
Institute of Intensive Care Medicine
University Hospital Zurich

Registration
Sign up as quick as possible as there are only limited seats in the course.
Send an e-mail to medizinische.ips@usz.ch

The course costs are 250 Swiss Francs.
Your seat in the course will be confirmed upon receipt of your payment.

Credits
CME credits are applied for at SGI, SGAR, SGAIM.

Venue
University Hospital Zurich
Schulungszentrum
SCHUL A1
Gloriastrasse 19
8091 Zurich

Directions
Tramlines 5, 6 to tram stop Platte.
Parking is not available on site.

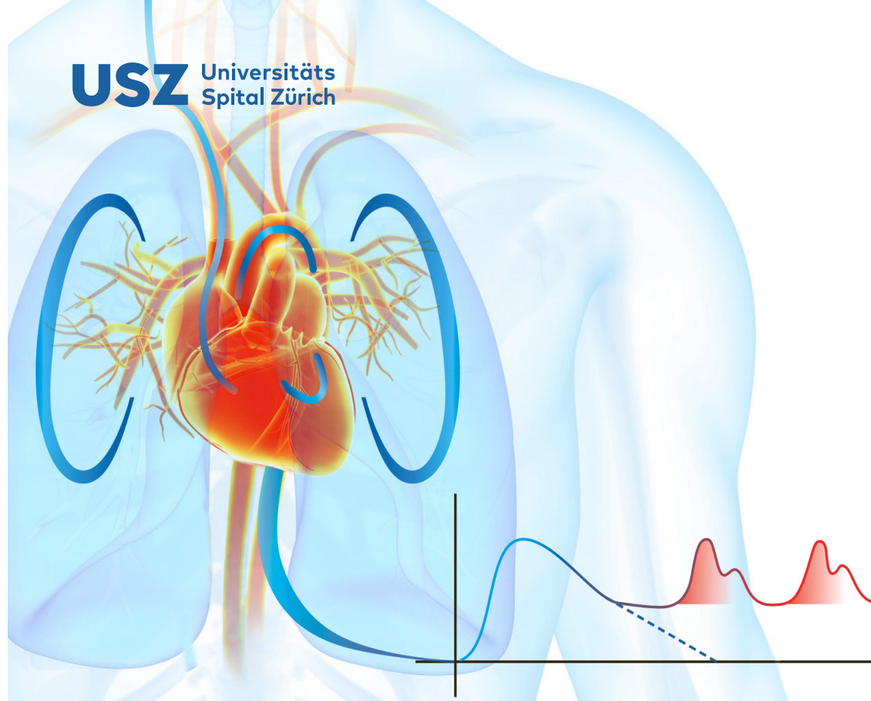


Kindly supported by

GETINGE ORION PHARMA

Follow University Hospital Zurich

07.19



USZ Universitäts Spital Zürich

Workshop

Basic Course on Calibrated Continuous Cardiac Output Monitoring

Thursday – Friday, October 17 – 18th, 2019
Schulungszentrum, University Hospital Zurich

Course specifications

What is the course about?
This is a two days course on advanced hemodynamic monitoring using the calibrated continuous cardiac output monitoring technique. This course is tailored for trainees in critical care, anesthesia, and emergency medicine but we also welcome intensive care physicians who want to refresh their knowledge.

During the course you will learn about all aspects around the technique and the pathophysiology of cardiovascular failure. The main course learning objectives are:

- to learn about the structural characteristics and the physiologic properties of the systemic circulation
- to understand the concept of transpulmonary thermodilution technique and to interpret the variables derived from this technology in the clinical context of the hemodynamic unstable intensive care patient
- to learn about the physiology and the pathophysiology of the systemic microcirculation in different conditions of acute circulatory failure

How will you learn?
In our course we limit the numbers of frontal lectures in order to leave enough space for interactive case based discussions with experts in the field. You will find the essentials of theoretical knowledge on advanced hemodynamic monitoring, clinical cases and pre-course MCQs for self-assessment in the course booklet that you will receive in advance.

KD Dr. Katja Auinger
Attending Physician

Dr. Matthias Hilty
Attending Physician

Prof. Dr. Marco Maggiorini
Head Medical Intensive Care Unit

Program

Thursday, October 17th

09.45 h **Welcome and Registration**
Marco Maggiorini

10.15 h **Introduction**
Marco Maggiorini

10.30 h **Structure and Physiology of the Systemic Circulation**
Matthias Hilty

11.10 h **Arterial Blood Pressure**
Maurizio Cecconi

11.50 h **Cardiac Output Monitoring:**
Principles of Transpulmonary Thermodilution and Pulse Contour Analysis
Xavier Monnet

12.30 h Lunch Break

13.30 h **Cardiac Output Monitoring:**
Limitations of Transpulmonary Thermodilution and Pulse Contour Analysis
Maurizio Cecconi

14.15 h **Case Based Training 1**
Hypertensive Emergency, Fluid Resuscitation and Calibrated Continuous Cardiac Output Monitoring Technology
Xavier Monnet, David Berger, Matthias Hilty – Mark Konrad

16.15 h Coffee Break

16.45 h **Physiology and Pathophysiology of Pulmonary Oedema**
Marco Maggiorini

17.30 h Aperitif

19.10 h Speaker's Dinner

Friday, October 18th

08.15 h **Pathophysiology of Shock**
David Berger

08.55 h **The Microcirculation in Shock**
Matthias Hilty

09.35 h Coffee Break

10.05 h **Case Based Training 2**
Septic Shock, Cardiogenic Shock and ARDS
Maurizio Cecconi, Xavier Monnet, Katja Auinger

12.05 h Lunch Break

13.05 h **Case Based Training 3**
Bedside Teaching and Simulation on Acute Circulatory Failure
Matthias Hilty – Mark Konrad, Marco Maggiorini – David Berger, Katja Auinger

15.10 h **Self-Assessment by Multiple-Choice Questions**
Katja Auinger

15.40 h **Get the Picture Together: Multiple-Choice Questions Discussion**
Katja Auinger

16.10 h **Conclusive Remarks and End of the Course**
Marco Maggiorini