

# International Winter Symposium in Intensive Care Medicine

## Program

28 January – 2 February 2018  
St. Moritz | Switzerland

25  
years



Organized by **IMK** Institute for medicine and communication Ltd

**16:00–18:30** Afternoon Session | Monitoring and Multiorgan support in 2050  
Chairs: M. Malbrain, Brussels, Belgium; J.-L. Vincent, Brussels, Belgium

16:00–16:30 Toward precision hemodynamic management  
F. Michard, Denens, Switzerland

16:30–17:00 RRT developping to multiorgan support therapy  
L. Forni, Guildford, UK

17:00–17:30 Extra corporal CO<sup>2</sup> and O<sup>2</sup> regulation: what's the future?  
M. Quintel, Goettingen, Germany

17:30–18:00 Innovation in monitoring: from Smartphones to wearables  
F. Michard, Denens, Switzerland

18:00–18:30 Round table discussion: All organs supported! Where does the physicians remain?  
Moderation: J.-L. Vincent, Brussels, Belgium  
Participants: M. Quintel, Goettingen, Germany; L. Forni, Guildford, UK  
R. Fumagalli, Milano, Italy; F. Michard, Denens, Switzerland

### Friday, 2 February 2018

**08:00–10:30** Morning Session | Old and new Problems of the critically ill Patient  
Chairs: M. Maggioreini, Zurich, Switzerland; M. Joannidis, Innsbruck, Austria

08:00–08:30 The GUTS protocol: Introduction of a new ultrasound protocol to assess GI function and to quantify acute gastrointestinal injury  
M. Malbrain, Brussels, Belgium

08:30–09:00 Dysphagia – a neglected problem in ICU patients  
J. Takala, Bern, Switzerland

09:00–09:30 Lung aeration and recruitment assessed by UltraSound  
F. Mojoli, Pavia, Italy

09:30–10:00 Monitoring: Is it cost effective?  
F. Michard, Denens, Switzerland

10:00–10:30 Pro–con debate: Diuretic have (virtually) no place in the ICU  
J.-L. Vincent, Brussels, Belgium (pro) & L. Forni, Guildford, UK (con)

**10:30–10:45** Closing Remarks  
M. Maggioreini, Zurich, Switzerland; M. Joannidis, Innsbruck, Austria

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### Sunday, 28 January 2018

**15:00–15:45** Registration and Welcome Coffee

**15:45–16:00** Welcome and Introduction  
M. Maggioreini, Zurich, Switzerland; M. Joannidis, Innsbruck, Austria

**16:00–18:30** Afternoon Session | 25 Years Wintersymposium  
Chairs: M. Maggioreini, Zurich, Switzerland; M. Joannidis, Innsbruck, Austria

16:00–16:30 Why a Wintersymposium – Recipe for 25 years of success  
J.-L. Vincent, Brussels, Belgium

16:30–17:00 Scientific highlights of the Wintersymposium  
P. Suter, Geneva, Switzerland

17:00–17:30 Highlights of mechanical ventilation over the last 25 years  
L. Gattinoni, Goettingen, Germany

17:30–18:00 Highlights of hemodynamic monitoring over the last 25 years  
J. Takala, Bern, Switzerland

18:00–18:30 The future of the Wintersymposium  
M. Maggioreini, Zurich, Switzerland; M. Joannidis, Innsbruck, Austria

**18:30–19:15** Get Together Cocktail

### Monday, 29 January 2018

**08:00–10:30** Morning Session | Sepsis  
Chairs: P. Suter, Geneva, Switzerland; J. Takala, Bern, Switzerland

08:00–08:30 Epidemiology of Sepsis – Sepsis 3 versus Sepsis 2  
K. Rowen, London, UK

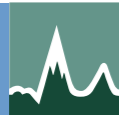
08:30–09:00 Extracorporeal endotoxine removal  
R. Fumagalli, Milano, Italy

09:00–09:30 Cytokine removal in critically ill patients: clinical experience, tips and tricks  
M. Malbrain, Brussels, Belgium

09:30–10:00 The ten elements that can improve outcome in sepsis  
J.-L. Vincent, Brussels, Belgium

10:00–10:30 Steroids in septic shock: an update  
Ch. Sprung, Jerusalem, Israel

**11:00–12:00** Meet the expert session | Which drugs in cardiogenic shock?  
A. Mebazaa, Paris, France



## Wednesday, 31 January 2018

- 16:00-18:30 Afternoon Session | Nutrition and Endocrinology**  
Chairs: J.-L. Vincent, Brussels, Belgium; Ch. Sprung, Jerusalem, Israel
- 16:00-16:30 **How many calories and proteins should a critical ill patient receive**  
JB. Ochoa, Bridgewater, USA
- 16:30-17:00 **Which macronutrient is „the good - the bad - and the ugly“ in the ICU**  
G. Van der Berghe, Leuven, Belgium
- 17:00-17:30 **Regulation of aminoacid availability by specified myeloid cells**  
JB. Ochoa, Bridgewater, USA
- 17:30-18:00 **Relative adrenal insufficiency in the ICU: Fact or fiction?**  
G. Van der Berghe, Leuven, Belgium
- 18:00-18:30 **Round table discussion: Is Starvation for the ICU patient beneficial?**  
Moderation: JB. Ochoa, Bridgewater, USA  
Participants: G. Van der Berghe, Leuven, Belgium; J.-L. Vincent, Brussels, Belgium  
J. Takala, Bern, Switzerland; Ch. Sprung, Jerusalem, Israel
- 19:30 Speakers' Dinner** (for invited guests only)

## Tuesday, 30 January 2018

- 08:00-10:30 Morning Session | Traumatic and non-traumatic Brain Injury**  
Chairs: F. Michard, Denens, Switzerland; L. Forni, Guildford, UK
- 08:00-08:30 **Personalized targeted temperature management (traumatic/non traumatic brain injury)**  
M. Oddo, Lausanne, Switzerland
- 08:30-09:00 **Traumatic brain injury**  
J. Duranteau, Paris, France
- 09:00-09:30 **Understanding immunonutrition in surgery and trauma**  
JB. Ochoa, Bridgewater, USA
- 09:30-10:00 **Glucose and the brain**  
G. Van der Berghe, Leuven, Belgium
- 10:00-10:30 **Pro-con debate: TTM in traumatic brain injury - a must**  
J. Duranteau, Paris, France (pro) & M. Oddo, Lausanne, Switzerland (con)
- 11:00-12:00 Meet the expert session | Fluid management of the critically ill**  
M. Malbrain, Brussels, Belgium

- 16:00-18:30 Afternoon Session | The Cardiac Patient in the ICU**  
Chairs: M. Maggiorini, Zurich, Switzerland; F. Mojoli, Pavia, Italy
- 16:00-16:30 **Physiology of cardiac output**  
A. Mebazaa, Paris, France
- 16:30-17:00 **Right ventricle in acute circulatory failure**  
J. Takala, Bern, Switzerland
- 17:00-17:30 **The indication for betablocking agents in the acutely ill**  
J.-L. Vincent, Brussels, Belgium
- 17:30-18:00 **Transpulmonary thermodilution: temptations and pitfalls**  
F. Michard, Denens, Switzerland
- 18:00-18:30 **Case Presentation: Septic shock: A race against time**  
R. Ziv, Holon, Israel

- 08:00-10:30 Morning Session | ARDS and Mechanical Ventilation**  
Chairs: P. Suter, Geneva, Switzerland; K. Rowan, London, UK
- 08:00-08:30 **History of mechanical ventilation**  
M. Quintel, Goettingen, Germany
- 08:30-09:00 **Does driving pressure really add something to our practice?**  
L. Gattinoni, Goettingen, Germany
- 09:00-09:30 **ECMO in respiratory failure: Is it still a controversial treatment?**  
R. Fumagalli, Milano, Italy
- 09:30-10:00 **Bedside detection of asynchronies: Do we need esophageal pressure or EADi?**  
F. Mojoli, Pavia, Italy
- 10:00-10:30 **Pro-con debate: Breathing: Is spontaneous better?**  
M. Quintel, Goettingen, Germany (pro) & L. Gattinoni, Goettingen, Germany (con)
- 11:00-12:00 Meet the expert session | Nutrition of the critically ill**  
G. Van der Berghe, Leuven, Belgium

- 16:00-18:30 Afternoon Session | Ethics and End of Live Decision Making**  
Chairs: M. Joannidis, Innsbruck, Austria; G. Van der Berghe, Leuven, Belgium
- 16:00-16:30 **End of Life practice around the world**  
Ch. Sprung, Jerusalem, Israel
- 16:30-17:00 **Longer term survival patterns from ICU in the UK**  
K. Rowan, London, UK
- 17:00-17:30 **Ethics of ECMO-Therapy**  
M. Quintel, Goettingen, Germany
- 17:30-18:00 **How to keep good health care available for all in a rich country (no joke)**  
P. Suter, Geneva, Switzerland
- 18:00-18:30 **Pro-con debate: We must withdraw life sustaining therapies in some patients**  
J.-L. Vincent, Brussels, Belgium (pro) & Ch. Sprung, Jerusalem, Israel (con)
- 19:00 Networking Event**

## Thursday, 1 February 2018

- 08:00-10:30 Morning Session | Assessing and Preserving Organ Function**  
Chairs: M. Quintel, Goettingen, Germany; R. Fumagalli, Milano, Italy
- 08:00-08:30 **Early goal redirected resuscitation - the final chapter?**  
K. Rowan, London, UK
- 08:30-09:00 **Shedding new light on the comatose brain: the emerging role of quantitative pupillometry**  
M. Oddo, Lausanne, Switzerland
- 09:00-09:30 **Gase exchange in the lung**  
L. Gattinoni, Goettingen, Germany
- 09:30-10:00 **Preservation of renal function in the critical ill - what's new?**  
M. Joannidis, Innsbruck, Austria
- 10:00-10:30 **Pro-con debate: Acid-base: Is Stewart's approach useful in daily practice**  
L. Gattinoni, Goettingen, Germany (pro) & L. Forni, Guildford, UK (con)
- 11:00-12:00 Meet the expert session | Waveforms-guided triggering and cycling**  
F. Mojoli, Pavia, Italy