

## **Update on Intravenous Fluids Rome, December 13-16, 2015**

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### **Sunday, December 13, 2015**

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18:00	<b>Registration</b>
18:30	<b>Welcome to Rome</b> Massimo Antonelli (Rome, Italy)
18:35	<b>Welcome to the meeting</b> Jean-Louis Vincent (Brussels, Belgium)
18:40	<b>Types of IV fluid: The basics</b> Andrew Shaw (Nashville, USA)
19:05	<b>Why to give fluids: The underlying physiology</b> Michael Pinsky (Pittsburgh, USA)
19:30	<b>Discussion: Questions to be addressed during the meeting</b> Jean-Louis Vincent (Brussels, Belgium)
19:55	<b>End of the session</b>

**Monday, December 14, 2015**

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**Session 1 The different IV fluids**

08:30	<b>Colloids vs crystalloids: The basics</b> Jacob Matthias (Straubing, Germany)
08:50	<b>Crystalloids: A review</b> Jean-Louis Vincent Brussels, Belgium)
09:10	<b>Is chloride so bad?</b> Andrew Shaw (Nashville, USA)
09:30	<b>A place for hypertonic solutions?</b> Olivier Huet (Brest, France)
09:50	<i>Discussion</i>
10:05	<i>Break</i>
10:30	<b>Albumin: The most natural option?</b> Paolo Angeli (Padova, Italy)
10:50	<b>Is HES so bad?</b> Jean-Luc Fellahi (Lyon, France)
11:10	<b>Are gelatins good or bad?</b> Philippe Van der Linden (Brussels, Belgium)
11:30	<i>Discussion</i>

**Session2 Blood transfusions**

11:45	<b>The determinants to consider</b> Philippe Van der Linden (Brussels, Belgium)
12:05	<b>Another look at clinical trials</b> Jean-Louis Vincent Brussels, Belgium)
12:25	<i>Discussion</i>
12:45	<i>Lunch</i>

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*With the support of:  
Baxter, Edwards Lifesciences, Fresenius Kabi, Masimo & PPTA*

### **Session 3 IV fluid therapy in special circumstances**

14:00	<b>The postoperative patient</b> Philippe Van der Linden (Brussels, Belgium)
14:20	<b>The septic patient</b> Jacob Matthias (Straubing, Germany)
14:40	<b>The patient with ARDS</b> Jacques Creteur (Brussels, Belgium)
15:00	<b>The cirrhotic patient</b> Paolo Angeli (Padova, Italy)
15:20	<b>The patient with renal dysfunction</b> Christian Wiederman (Bolzano, Italy)
15:40	<i>Discussion</i>
16:00	<i>Break</i>

### **Session 4 My ideal fluid solution**

16:30	<b>My personal thoughts</b> Andrew Shaw (Nashville, USA)
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#### **Panel**

16:45	Andrew Shaw (Nashville, USA), Jacob Matthias (Straubing, Germany), Philippe Van der Linden (Brussels, Belgium), Christian Wiederman (Bolzano, Italy)
17:15	<b>Will current clinical trials help answer the questions?</b> Jacob Matthias (Straubing, Germany)
17:30	<i>End of the day</i>

**Tuesday, December 15, 2015**

**Session 5 Fluid requirements**

08:30	<b>In the postoperative patient</b> Jean-Luc Fellahi (Lyon, France)
08:50	<b>In the septic patient</b> Christian Wiederman (Bolzano, Italy)
09:10	<b>In the cirrhotic patient</b> Paolo Angeli (Padova, Italy)
09:30	<i>Discussion</i>

**Session 6 Fluid responsiveness and fluid challenge**

09:45	<b>The pros and cons of fluid responsiveness</b> Michael Pinsky (Pittsburgh, USA)
10:05	<b>How to assess fluid requirements during surgery</b> Patrice Forget (Brussels, Belgium)
10:25	<i>Discussion</i>
10:40	<i>Break</i>
11:10	<b>We should measure volume deficit, not fluid responsiveness</b> Andrew Shaw (Nashville, USA)
11:30	<b>Fluid challenge: When to start?</b> Jean-Louis Vincent (Brussels, Belgium)
11:50	<b>Fluid challenge: How?</b> Olivier Huet (Brest, France)
12:10	<b>Fluid challenge: When to stop?</b> Azriel Perel (Tel Aviv, Israel)
12:30	<i>Discussion</i>
12:45	<i>Lunch</i>

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## **Session 7 What should we measure?**

14:00	<b>Still a place for central venous pressure?</b> Jean-Louis Vincent (Brussels, Belgium)
14:20	<b>Does a cardiac output measurement help?</b> Michael Pinsky (Pittsburgh, USA)
14:40	<b>We can measure oxygen delivery non invasively</b> Azriel Perel (Tel Aviv, Israel)
15:00	<b>We should measure cell happiness</b> Jacques Creteur (Brussels, Belgium)
15:20	<i>Discussion</i>
15:30	<i>Break</i>
15:50	<b>How important is the hemoglobin concentration?</b> Philippe Van der Linden (Brussels, Belgium)
16:00	<b>How important is the albumin concentration?</b> Jacob Matthias (Straubing, Germany)
16:20	<i>Discussion</i>

## **Round table: Fluid administration : When to start, when to stop**

16:35	Michael Pinsky (Pittsburgh, USA), Christian Wiederman (Bolzano, Italy), Azriel Perel (Tel Aviv, Israel), Jean-Luc Fellahi (Lyon, France)
17:00	<b>End of the day</b>

## **Wednesday, December 16, 2015**

### **08.30 What is your favorite IV fluid in these 3 particular cases?**

Moderator: Jean-Louis Vincent (Brussels, Belgium)

Philippe Van der Linden (Brussels, Belgium), Jacob Matthias (Straubing, Germany),  
Christian Wiederman (Bolzano, Italy)

### **09.00 My optimal fluid strategy in the operating room**

Moderator: Jean-Luc Fellahi (Lyon, France)

Patrice Forget (Brussels, Belgium), Philippe Van der Linden (Brussels, Belgium), Andrew  
Shaw (Nashville, USA), Olivier Huet (Brest, France)

### **09.30 My optimal fluid strategy in the ICU**

Moderator: Jacques Creteur (Brussels, Belgium)

Christian Wiederman (Bolzano, Italy), Michael Pinsky (Pittsburgh, USA), Andrew Shaw  
(Nashville, USA)

### **The clinical trial I propose**

#### **10:00 Type of fluid**

Moderator: Philippe Van der Linden (Brussels, Belgium)

Andrew Shaw (Nashville, USA), Christian Wiederman (Bolzano, Italy), Paolo Angeli  
(Padova, Italy), Jean-Luc Fellahi (Lyon, France)

#### **10.30 Amount of fluid**

Moderator: Jacob Matthias (Straubing, Germany)

Michael Pinsky (Pittsburgh, USA), Patrice Forget (Brussels, Belgium), Azriel Perel (Tel  
Aviv, Israel), Olivier Huet (Brest, France), Jacques Creteur (Brussels, Belgium)

### **11.00 Final questions – the future**

Faculty

**End of the meeting**