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INTERNATIONAL UPDATE

## Acute Heart Failure

Rome, Italy, December 10-13, 2023



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### Sunday, December 10, 2023

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16:00	<b>Registration</b>
17:00	<b>Welcome</b> Jean-Louis Vincent (Brussels, Belgium)
17:15	<b>Aim of the meeting – Introduction to the program</b> Jean-Louis Vincent (Brussels, Belgium)
17:45	<b>What do we call acute heart failure?</b> Suzanna Price (London, UK)
18:05	<b>What do we call cardiogenic shock?</b> Alexandre Mebazaa (Paris, France)
18:25	<b>Cardiogenic shock: the trajectories</b> Alastair Proudfoot (London, UK)
18:45	<b>The progress we have made</b> Janine Pöss (Leipzig, Germany)
19:05	<b>Inotropes, IABP, pulmonary artery catheter: still there?</b> Federico Pappalardo (Alessandria, Italy)
19:25	<b>Discussion – Questions to be raised during the meeting</b> The entire faculty
20:00	<b>Adjournment</b>

**Monday, December 11, 2023**

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### **Session 1: the clinical presentation**

Moderator: Jean-Louis Vincent (Brussels, Belgium)

08:30	<b>It is not only coronary syndromes</b> Suzanna Price (London, UK)
08:50	<b>It is also the host response</b> Alastair Proudfoot (London, UK)
09:10	<b>It is also failure of other organs</b> Alexandre Mebazaa (Paris, France)
09:30	<b>There are better classifications</b> Suzanna Price (London, UK)
09:50	<b>Discussion</b>
10:10	<b>Break</b>

### **Session 2: monitoring**

Moderator: Janine Pöss (Leipzig, Germany)

10:30	<b>Cardiac ultrasound</b> Suzanna Price (London, UK)
10:45	<b>Extracardiac ultrasound</b> Daniel De Backer (Brussels, Belgium)
11:00	<b>Other monitoring choices</b> Alexandre Mebazaa (Paris, France)
11:15	<b>When to think of Takotsubo</b> Jan Belohlavek (Prague, Czech Republic)
11:30	<b>Discussion</b>

### **Round table discussion**

11:45	<b>My strategy in hemodynamic monitoring</b> Moderator: Jean-Louis Vincent (Brussels, Belgium) Alexandre Mebazaa (Paris, France), Daniel De Backer (Brussels, Belgium), Giuseppe Biondi-Zoccai (Rome, Italy), Janine Pöss (Leipzig, Germany)
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### **What I learned this morning**

12:20	Jacob Moller (Odense, Denmark), Antoine Herpain (Brussels) & Federico Pappalardo (Alessandria, Italy)
12:30	<b>Lunch</b>

### **Session 3: management**

Moderator: Jacob Moller (Odense, Denmark)

13:30	<b>When to continue oral medication</b> Janine Pöss (Leipzig, Germany)
13:45	<b>Optimal fluid therapy</b> Daniel De Backer (Brussels, Belgium)
14:00	<b>Current use of vasoactive agents</b> Alexandre Mebazaa (Paris, France)
14:15	<b>Optimal vasopressor support</b> Giuseppe Biondi-Zoccai (Rome, Italy)
14:30	<b>Discussion</b>
14:45	<b><i>Break</i></b>
15:05	<b>Optimal inotropic support</b> Janine Pöss (Leipzig, Germany)
15:20	<b>How to best wean from vasoactive agents</b> Federico Pappalardo (Alessandria, Italy)
15:35	<b>There are other ways to optimize cardiac output</b> Suzanna Price (London, UK)
15:50	<b>What is ‘optimal’ cardiac output?</b> Jean-Louis Vincent (Brussels, Belgium)
16:05	<b>When to orient to a transplant center</b> Alastair Proudfoot (London, UK)
16:20	<b>Discussion</b>

### **What I learned this afternoon**

16:35	Jan Belohlavek (Prague, Czech Republic) & Antoine Herpain (Brussels, Belgium)
17:00	<b>End of the day</b>

### Session 4: mechanical support

Moderator: Janine Pöss (Leipzig, Germany)

08:30	<b>Percutaneous right sided support</b> Suzanna Price (London, UK)
08:45	<b>Aortic counterpulsation</b> Daniel De Backer (Brussels, Belgium)
09:00	<b>Impella</b> Jan Belohlavek (Prague, Czech Republic) & Jacob Moller (Odense, Denmark)
09:20	<b>Discussion</b>
09:50	<b>iVAC 2L</b> Giuseppe Biondi-Zoccai (Rome, Italy)
10:05	<b>ECMO: the pros (and the cons)</b> Jan Belohlavek (Prague, Czech Republic)
10:20	<b>ECMO: the cons (and the pros)</b> Giuseppe Biondi-Zoccai (Rome, Italy)
10:35	<b>Break</b>
10:55	<b>Venting strategies</b> Suzanna Price (London, UK)
11:10	<b>Ventricular assist devices</b> Jacob Moller (Odense, Denmark)
11:25	<b>What could be the whole strategy</b> Federico Pappalardo (Alessandria, Italy)
11:40	<b>Discussion</b>

### Round table discussion

11:50	<b>Practical aspects of ECMO: cannulas, unloading, anticoagulation, weaning...</b> Moderator: Jacob Moller (Odense, Denmark) Jan Belohlavek (Prague, Czech Republic), Giuseppe Biondi-Zoccai (Rome, Italy), Daniel De Backer (Brussels, Belgium), Suzanna Price (London, UK)
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### Plenary lecture

12:20	<b>How to improve networked care</b> Alastair Proudfoot (London, UK)
12:40	<b>Lunch</b>

## **Session 5: cardiac arrest**

Moderator: Alexandre Mebazaa

13:20	<b>The place of eCPR</b> Jan Belohlavek (Prague, Czech Republic) Discussants: Jacob Moller (Odense, Denmark), Daniel De Backer (Brussels, Belgium)
13:45	<b>Blood pressure targets</b> Jacob Moller (Odense, Denmark)
14:00	<b>Should all survivors be rushed to the cathlab?</b> Giuseppe Biondi-Zoccai (Rome, Italy)
14:15	<b>Prognostication</b> Janine Pöss (Leipzig, Germany)
14:30	<b>To cool or not to cool</b> Jacob Moller (Odense, Denmark)
14:45	<b>Discussion</b>
15:00	<b>Break</b>

## **Session 6: clinical trials**

Moderator: Alastair Proudfoot (London, UK)

15:20	<b>The advantages and limits of experimental models</b> Antoine Herpain (Brussels, Belgium)
15:35	<b>Why all ICU trials are neutral</b> Jacob Moller (Odense, Denmark)
15:50	<b>We are dealing with heterogenous populations</b> Federico Pappalardo (Alessandria, Italy)
16:05	<b>Here is the optimal study design</b> Jan Belohlavek (Prague, Czech Republic)
16:20	<b>The relevant trial in cardiac arrest</b> Janine Pöss (Leipzig, Germany)
16:35	<b>How to conduct the best possible trial</b> Alexandre Mebazaa (Paris, France)
16:50	<b>Discussion</b>

## **What I learned this afternoon**

17:00	Giuseppe Biondi-Zoccai (Rome, Italy), Suzanna Price (London, UK)
17:10	<b>End of the day</b>

**Round table discussions**

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| 08:30 | <b>Selecting the correct vasoactive agent(s)</b><br>Moderator: Jean-Louis Vincent (Brussels, Belgium)<br>Janine Pöss (Leipzig, Germany), Daniel De Backer (Brussels, Belgium),<br>Alexandre Mebazaa (Paris, France), Giuseppe Biondi-Zoccai (Rome, Italy) |
| 09:05 | <b>Mistakes we should avoid</b><br>Moderator: Alastair Proudfoot (London, UK)<br>Jan Belohlavek (Prague, Czech Republic), Suzanna Price (London, UK),<br>Giuseppe Biondi-Zoccai (Rome, Italy), Daniel De Backer (Brussels, Belgium)                       |

**Session 7: a look into the future**

Moderator: Giuseppe Biondi-Zoccai (Rome, Italy)

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| 09:40 | <b>From registries to big data</b><br>Alastair Proudfoot (London, UK)                    |
| 09:55 | <b>The microcirculation will be monitored</b><br>Daniel De Backer (Brussels, Belgium)    |
| 10:10 | <b>When to call cardiogenic shock ‘refractory?’</b><br>Alexandre Mebazaa (Paris, France) |
| 10:25 | <b>Cardiogenic shock: the next frontier</b><br>Jacob Moller (Odense, Denmark)            |
| 10:40 | <b>Discussion</b>  |

**Round table discussion**

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| 11:00 | <b>What we need is networking</b><br>Moderator: Jan Belohlavek (Prague, Czech Republic)<br>Alastair Proudfoot (London, UK), Suzanna Price (London, UK), Alexandre<br>Mebazaa (Paris, France), Janine Pöss (Leipzig, Germany), Federico Pappalardo<br>(Alessandria, Italy) |
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**General discussion**

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| 11:40 | <b>Remaining questions</b><br>The entire faculty |
| 12:00 | <b>End of the day</b>                            |

**End of the meeting**