### Acute Heart Failure

**Rome, December 10-13, 2023**

**Sunday, December 10, 2023**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:00</td>
<td>Registration</td>
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</tbody>
</table>
| 17:00 | Welcome  
Jean-Louis Vincent (Brussels, Belgium) |
| 17:15 | Aim of the meeting – Introduction to the program  
Jean-Louis Vincent (Brussels, Belgium) |
| 17:45 | What do we call acute heart failure?  
Suzanna Price (London, UK) |
| 18:05 | What do we call cardiogenic shock?  
Alexandre Mebazaa (Paris, France) |
| 18:25 | Cardiogenic shock: the trajectories  
Alastair Proudfoot (London, UK) |
| 18:45 | The progress we have made  
Janine Pöss (Leipzig, Germany) |
| 19:05 | Inotropes, IABP, pulmonary artery catheter: still there?  
Federico Pappalardo (Alessandria, Italy) |
| 19:25 | Discussion – Questions to be raised during the meeting  
The entire faculty |
| 20:00 | Adjournment |
**Monday, December 11, 2023**

**Session 1: the clinical presentation**
Moderator: Jean-Louis Vincent (Brussels, Belgium)

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>08:30</td>
<td>It is not only coronary syndromes</td>
<td>Suzanna Price (London, UK)</td>
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<tr>
<td>08:50</td>
<td>It is also the host response</td>
<td>Alastair Proudfoot (London, UK)</td>
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<tr>
<td>09:10</td>
<td>It is also failure of other organs</td>
<td>Alexandre Mebazaa (Paris, France)</td>
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<tr>
<td>09:30</td>
<td>There are better classifications</td>
<td>Suzanna Price (London, UK)</td>
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<tr>
<td>09:50</td>
<td>Discussion</td>
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<tr>
<td>10:10</td>
<td><strong>Break</strong></td>
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**Session 2: monitoring**
Moderator: Janine Pöss (Leipzig, Germany)

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

**Round table discussion**

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

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>12:20</td>
<td>Jacob Moller (Odense, Denmark), Antoine Herpain (Brussels) &amp; Federico Pappalardo (Alessandria, Italy)</td>
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<tr>
<td>12:30</td>
<td>Lunch</td>
<td></td>
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</tbody>
</table>
Session 3: management
Moderator: Jacob Moller (Odense, Denmark)

13:30 | **When to continue oral medication**  
Janine Pöss (Leipzig, Germany)

13:45 | **Optimal fluid therapy**  
Daniel De Backer (Brussels, Belgium)

14:00 | **Current use of vasoactive agents**  
Alexandre Mebazaa (Paris, France)

14:15 | **Optimal vasopressor support**  
Giuseppe Biondi-Zoccai (Rome, Italy)

14:30 | **Discussion**

14:45 | **Break**

15:05 | **Optimal inotropic support**  
Janine Pöss (Leipzig, Germany)

15:20 | **How to best wean from vasoactive agents**  
Federico Pappalardo (Alessandria, Italy)

15:35 | **There are other ways to optimize cardiac output**  
Suzanna Price (London, UK)

15:50 | **What is ‘optimal’ cardiac output?**  
Jean-Louis Vincent (Brussels, Belgium)

16:05 | **When to orient to a transplant center**  
Alastair Proudfoot (London, UK)

16:20 | **Discussion**

**What I learned this afternoon**

16:35 | Jan Belohlavek (Prague, Czech Republic) & Antoine Herpain (Brussels, Belgium)

17:00 | End of the day
Session 4: mechanical support
Moderator: Janine Pöss (Leipzig, Germany)

08:30  Percutaneous right sided support
       Suzanna Price (London, UK)

08:45  Aortic counterpulsation
       Daniel De Backer (Brussels, Belgium)

09:00  Impella
       Jan Belohlavek (Prague, Czech Republic) & Jacob Moller (Odense, Denmark)

09:20  Discussion

09:50  iVAC 2L
       Giuseppe Biondi-Zoccai (Rome, Italy)

10:05  ECMO: the pros (and the cons)
       Jan Belohlavek (Prague, Czech Republic)

10:20  ECMO: the cons (and the pros)
       Giuseppe Biondi-Zoccai (Rome, Italy)

10:35  Break

10:55  Venting strategies
       Suzanna Price (London, UK)

11:10  Ventricular assist devices
       Jacob Moller (Odense, Denmark)

11:25  What could be the whole strategy
       Federico Pappalardo (Alessandria, Italy)

11:40  Discussion

Round table discussion

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

Plenary lecture

12:20  How to improve networked care
       Alastair Proudfoot (London, UK)

12:40  Lunch
Session 5: cardiac arrest
Moderator: Alexandre Mebazaa

13:20 The place of eCPR
Jan Belohlavek (Prague, Czech Republic)
Discussants: Jacob Moller (Odense, Denmark), Daniel De Backer (Brussels, Belgium)

13:45 Blood pressure targets
Jacob Moller (Odense, Denmark)

14:00 Should all survivors be rushed to the cathlab?
Giuseppe Biondi-Zoccai (Rome, Italy)

14:15 Prognostication
Janine Pöss (Leipzig, Germany)

14:30 To cool or not to cool
Jacob Moller (Odense, Denmark)

14:45 Discussion

15:00 Break

Session 6: clinical trials
Moderator: Alastair Proudfoot (London, UK)

15:20 The advantages and limits of experimental models
Antoine Herpain (Brussels, Belgium)

15:35 Why all ICU trials are neutral
Jacob Moller (Odense, Denmark)

15:50 We are dealing with heterogenous populations
Federico Pappalardo (Alessandria, Italy)

16:05 Here is the optimal study design
Jan Belohlavek (Prague, Czech Republic)

16:20 The relevant trial in cardiac arrest
Janine Pöss (Leipzig, Germany)

16:35 How to conduct the best possible trial
Alexandre Mebazaa (Paris, France)

16:50 Discussion

What I learned this afternoon

17:00 Giuseppe Biondi-Zoccai (Rome, Italy), Suzanna Price (London, UK)

17:10 End of the day
## Round table discussions

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08:30</td>
<td>Selecting the correct vasoactive agent(s)</td>
<td>Jean-Louis Vincent (Brussels, Belgium), Janine Pöss (Leipzig, Germany), Daniel De Backer (Brussels, Belgium), Alexandre Mebazaa (Paris, France), Giuseppe Biondi-Zoccai (Rome, Italy)</td>
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<tr>
<td>09:05</td>
<td>Mistakes we should avoid</td>
<td>Alastair Proudfoot (London, UK), Jan Belohlavek (Prague, Czech Republic), Suzanna Price (London, UK), Giuseppe Biondi-Zoccai (Rome, Italy), Daniel De Backer (Brussels, Belgium)</td>
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### Session 7: a look into the future

**Moderator:** Giuseppe Biondi-Zoccai (Rome, Italy)

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<td>09:40</td>
<td>From registries to big data</td>
<td>Alastair Proudfoot (London, UK)</td>
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<td>09:55</td>
<td>The microcirculation will be monitored</td>
<td>Daniel De Backer (Brussels, Belgium)</td>
</tr>
<tr>
<td>10:10</td>
<td>When to call cardiogenic shock ‘refractory?’</td>
<td>Alexandre Mebazaa (Paris, France)</td>
</tr>
<tr>
<td>10:25</td>
<td>Cardiogenic shock: the next frontier</td>
<td>Jacob Moller (Odense, Denmark)</td>
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<tr>
<td>11:00</td>
<td>What we need is networking</td>
<td>Jan Belohlavek (Prague, Czech Republic), Alastair Proudfoot (London, UK), Suzanna Price (London, UK), Alexandre Mebazaa (Paris, France), Janine Pöss (Leipzig, Germany), Federico Pappalardo (Alessandria, Italy)</td>
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### General discussion

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<tr>
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<tbody>
<tr>
<td>11:40</td>
<td>Remaining questions</td>
<td>The entire faculty</td>
</tr>
<tr>
<td>12:00</td>
<td>End of the day</td>
<td></td>
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</tbody>
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End of the meeting