<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:00</td>
<td>Registration</td>
</tr>
<tr>
<td>8:40</td>
<td>Welcome and Opening</td>
</tr>
<tr>
<td>9:00</td>
<td>The impact of arrhythmias on acute clinical conditions</td>
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<tr>
<td></td>
<td>prof. Robert Bernat, MD, PhD (Kaiserslautern, Germany)</td>
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<tr>
<td>9:20</td>
<td>Acute valvular heart disease and haemodynamic consequences</td>
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<tr>
<td></td>
<td>dr. Daniel Lovrić, MD (Zagreb, Croatia)</td>
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<tr>
<td>9:40</td>
<td>Role of Doppler echocardiography in the haemodynamic evaluation</td>
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<td>prof. Gorazd Voga, MD, PhD (Celje, Slovenia)</td>
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<tr>
<td>10:00</td>
<td>Importance of the functional cardiovascular imaging</td>
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<td></td>
<td>Mladen Jukić, MD, PhD (Zagreb, Croatia)</td>
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<tr>
<td>10:20</td>
<td>Invasive physiological assessment of coronary arteries</td>
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<td>Tomislav Krčmar, MD, PhD (Zagreb, Croatia)</td>
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<tr>
<td>11:00</td>
<td>Discussion</td>
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<tr>
<td>11:20</td>
<td>Coffee break</td>
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<tr>
<td>11:20</td>
<td>Venous return concept and practical application</td>
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<td></td>
<td>prof. Bernard Cholley, MD, PhD (Paris, France)</td>
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<tr>
<td>11:40</td>
<td>The link between right ventricle and pulmonary circulation</td>
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<td>prof. Robert Naeije, MD, PhD (Brussels, Belgium)</td>
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<tr>
<td>12:00</td>
<td>Ventilation-perfusion matching</td>
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<td>prof. Luciano Gattinoni, MD, PhD (Gottingen, Germany)</td>
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<tr>
<td>12:20</td>
<td>Arterial vessels characteristics: clinical relevance</td>
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<td></td>
<td>Manuel Ignacio Monge Garcia, MD (Cadiz, Spain)</td>
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<tr>
<td>12:40</td>
<td>Discussion</td>
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<tr>
<td>13:00</td>
<td>Exhibition area – meet the sponsors, meet the speakers</td>
</tr>
<tr>
<td>13:30</td>
<td>Lunch break</td>
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<tr>
<td>14:20</td>
<td>How to measure blood pressure correctly</td>
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<tr>
<td></td>
<td>prof. Bernd Saugel, MD, PhD (Hamburg, Germany)</td>
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<tr>
<td>14:40</td>
<td>What is the optimal blood pressure target?</td>
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<td>prof. Bernd Saugel, MD, PhD (Hamburg, Germany)</td>
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<tr>
<td>15:00</td>
<td>Clinical applications of the Ventricular-Arterial coupling</td>
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<tr>
<td></td>
<td>Manuel Ignacio Monge Garcia, MD (Cadiz, Spain)</td>
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<tr>
<td>15:20</td>
<td>Discussion</td>
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<tr>
<td>15:40</td>
<td>Coffee break</td>
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<tr>
<td>16:00</td>
<td>Methods for Cardiac Output measurements</td>
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<td></td>
<td>prof. Gorazd Voga, MD, PhD (Celje, Slovenia)</td>
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<tr>
<td>Time</td>
<td>Session</td>
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<tr>
<td>16:20</td>
<td>The pulse contour methods</td>
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<tr>
<td>16:40</td>
<td>Cost and benefits: balance to choose medical devices</td>
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<tr>
<td>17:00</td>
<td>Emergency Cvasc drug therapy: vascular tone and/or heart function in shock</td>
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<tr>
<td>17:20</td>
<td>Discussion</td>
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<td>20:30</td>
<td>Faculty dinner</td>
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**Day 02 - Sunday, 12th of June**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter/Location</th>
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<tbody>
<tr>
<td>8:40</td>
<td>What clinicians should know about microcirculation?</td>
<td>Ina Filipović-Grčić, MD (Zagreb, Croatia)</td>
</tr>
<tr>
<td>9:00</td>
<td>Adequacy of tissue perfusion: is the lactate a useful marker?</td>
<td>prof. Luciano Gattinoni, MD, PhD (Gottingen, Germany)</td>
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<tr>
<td>9:20</td>
<td>Mitochondrial dynamics in cardiovascular injury</td>
<td>Nuno Raimundo, PhD (Gottingen, Germany)</td>
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<tr>
<td>9:40</td>
<td>Are cardiovascular changes related to immune response?</td>
<td>prof. Didier Payen de la Garanderie, MD, PhD (Paris, France)</td>
</tr>
<tr>
<td>10:00</td>
<td>Discussion</td>
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<tr>
<td>10:20</td>
<td>Coffee break</td>
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<tr>
<td>10:40</td>
<td>Regional answer to systemic alterations: Splanchnic</td>
<td>prof. Vladimir Gašparović, MD, PhD (Zagreb, Croatia)</td>
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<tr>
<td>11:00</td>
<td>Regional answer to systemic alterations: Brain</td>
<td>prof. Didier Payen de la Garanderie, MD, PhD (Paris, France)</td>
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<tr>
<td>11:20</td>
<td>Regional answer to systemic alterations: Kidney</td>
<td>prof. Stefano Romagnoli, MD, PhD (Firenze, Italy)</td>
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<tr>
<td>11:40</td>
<td>Discussion</td>
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<tr>
<td>12:00</td>
<td>Final thoughts</td>
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