European Association of Cardiothoracic Anaesthesiology

32nd Annual Congress

Comprehensive Cardiovascular Cardiothoracic Care (C^4)

Berlin, Germany
19 - 21 April 2017

www.eacta.org
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DEAR COLLEAGUES AND FRIENDS,

A warm welcome to the 32nd Annual Congress of the European Association of Cardiothoracic Anaesthesiology (EACTA) in Berlin.

Comprehensive Cardiovascular Cardiothoracic Care (C4) is the core theme of this EACTA Congress. In a rapidly evolving field of cardiovascular medicine, our profession is continuously challenged: by the progress in cardiac surgical techniques as well as by the increasing demands of interventional cardiology and cardiothoracic intensive care medicine. Thanks to this, Cardiothoracic Anaesthesiology has become even more attractive, but also more demanding: we are no longer recognized solely as anaesthesia providers, but as members of a team of dedicated specialists involved in the comprehensive periprocedural surgical as well as interventional treatment of patients with cardiovascular disease.

The Scientific Subcommittees of EACTA and the Local Organising Committee have set up a program dedicated to cover many aspects of these challenges, ranging from pre-procedural decision making and optimization to intra-procedural management and post-procedural care. Recent technical and pharmacological developments specific to our field are presented, and a broad range of in-depth educational sessions and workshops offered. Furthermore, oral and poster presentations will allow discussions on recent scientific findings.

The exponent in C4 – our abbreviation of the congress theme Comprehensive Cardiovascular Cardiothoracic Care - may also be interpreted in a figurative sense as “fourth dimension”. In the literature the fourth dimension is used to “signify the unfathomable to someone with earthly (or three-dimensional) concerns”; something we cannot see on a first glance. Extending this idea, every panel has a dedicated C4-lecture that will discuss the main topic of the panel in a broader sense, criticising conventional views, detailing contradictory findings, or adding unexpected perspectives to stimulate discussion.

We hope you will experience the scientific program of the 32nd Annual Congress as exciting and stimulating, will find time to meet and talk with the numerous attending experts in the fields of cardiac, thoracic and vascular anaesthesia and critical care medicine, and of course meet colleagues and friends from all over the world and enjoy Berlin with its broad range of cultural and entertainment offers.

We cordially welcome each of you to the EACTA Annual Congress 2017 in Berlin.

Matthias Heringlake
Chair of the Local Organizing Committee

Joachim Erb
Co-chair of the Local Organizing Committee
BOARD & COMMITTEES

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Bodil Steen Rasmussen (Denmark)
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Joerg Ender (Germany)

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Sascha Treskatsch (ECHO Subspecialty Committee)
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Mert Senturk (Thoracic Subspecialty Committee)
Eric de Waal (Transplant and VAD Subspecialty Committee)
Purificacion Matute (Vascular Subspecialty Committee)
Waldemar Gozdzik (Cardiopulmonary Bypass Subspecialty Committee)
Peter Alston (Social Network Committee)

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Mohamed El Tahan (Paediatric and Congenital Subspecialty Committee)
Manuel Granell (Thoracic Subspecialty Committee)
Vera von Dossow (Transplant and longterm mechanical support Subspecialty Committee)
Simon Howell (Vascular Subspecialty Committee)
Marc Vives (Cardiopulmonary Bypass Subspecialty Committee)
Dominik Hoechter (Social Network Committee)
WORKSHOPS AND COURSES

AVAILABLE FOR ADDITIONAL FEE

WEDNESDAY 19 APRIL

• Masterclass for Perioperative VAD Management – 11.00-18.00
• CPB Simulation Course – CPB Part I – taking place at the German Heart Center – 09.00-12.00
• CPB Simulation Course – ECMO & VAD Part I – taking place at the German Heart Center – 13.00-16.00

THURSDAY 20 APRIL

• ECMO Workshop 1 – 08.30-09.00
• ECMO Workshop 2 – 09.00-09.30
• ECMO Workshop 3 – 09.30-10.00
• ECMO Workshop 4 – 10.00-10.30
• Workshop EACTA Masterclass on Transfusion and Haemostasis – 09.00-16.00
• CPB Simulation Course – CPB Part II – taking place at the German Heart Center – 09.00-12.00
• CPB Simulation Course – ECMO & VAD Part II – taking place at the German Heart Center – 13.00-16.00

FRIDAY 21 APRIL

• Hands-on Workshop on Thoracic Anaesthesia – 08.30-11.00
• Perfusion Masterclass I – 08.30-10.30
• Perfusion Masterclass II – 11.00-13.00
• CPB Simulation Course – CPB Part III – taking place at the German Heart Center – 08.00-11.00
• CPB Simulation Course – ECMO & VAD Part III – taking place at the German Heart Center – 13.00-16.00
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<thead>
<tr>
<th>Time</th>
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| 08:30 - 09:00 | Opening Ceremony  
Chairs: Bodil Steen Rasmussen, President of EACTA, Aalborg University Hospital, Department of Anaesthesiology and Intensive Care, Aalborg, Denmark & Donna Greenhalgh, Chair of the Annual Congress,  
Welcome  
Matthias Heringlake, Chair of EACTA 2017 Local Organising Committee, University of Luebeck, Department of Anaesthesiology and Intensive Care Medicine, Luebeck, Germany  
Volkmar Falk, Medical Director German Heart Institute, Berlin, Germany  
Gunter Stock, President of the Berlin-Brandenburg Academy of Sciences, Berlin, Germany  
Bodil Steen Rasmussen, President of EACTA, Aalborg University Hospital, Department of Anaesthesiology and Intensive Care, Aalborg, Denmark |
| 09:00 - 10:30 | OL - Opening Lecture  
The times are changing: cardiothoracic anaesthesiology in the era of interventional cardiology  
Chairs: Bodil Steen Rasmussen, Aalborg, Denmark & Fabio Guarracino, Pisa, Italy |
| 09:00 - 09:20 | PL01 - Plenary Lecture  
From the cardiologists perspective  
Holger Thiele, University Hospital Schleswig-Holstein, Medical Clinic II, Department of Cardiology, Angiology and Intensive Care, Luebeck, Germany |
| 09:20 - 09:40 | PL02 - Plenary Lecture  
From the surgeons perspective  
Volkmar Falk, German Heart Institute, Charite University Medicine Berlin, Department of Cardiothoracic and Vascular Surgery, Berlin, Germany |
| 09:40 - 10:00 | PL03 - Plenary Lecture  
From the anaesthesiologists perspective  
Fabio Guarracino, University Hospital of Pisa, Cardiothoracic Department, Cardiothoracic Anaesthesia and Intensive Care Medicine, Pisa, Italy |
| 10:00 - 10:20 | PL04 - Plenary Lecture  
C4 - Theme: The cardiothoracic anaesthesiologist in cardiothoracic surgery and interventional cardiology - a perioperative and perinterventional decision maker?  
Davy Cheng, Western University, Schulich School of Medicine & Dentistry, Department of Anaesthesia & Perioperative Medicine, London, Ontario, Canada |
| 10:20 - 10:30 | Plenary Discussion |
| 10:30 - 11:00 | Coffee Break  
Poster & Exhibition Viewing |
**Wednesday, 19 April 2017**

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<tr>
<th>Time</th>
<th>Session 1</th>
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<tr>
<td>11:00 - 11:20</td>
<td>102 - Bleeding, thrombosis and anaemia</td>
<td>104 - Masterclass Post-graduate Course: Peri-operative Management (whole day)</td>
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<tr>
<td>11:40 - 12:00</td>
<td>101 - Oral Presentations</td>
<td>Paper Reference Nos. PP11 - PP20</td>
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<td>12:00 - 12:20</td>
<td>103 - Oral Presentations</td>
<td>Paper Reference Nos. PP21 - PP30</td>
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<td>12:20 - 12:40</td>
<td>104 - Plenary Discussion</td>
<td>Paper Reference Nos. PP31 - PP40</td>
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<tr>
<td>12:40 - 13:00</td>
<td>105 - General issues in thoracic anaesthesia</td>
<td>Paper Reference Nos. PP41 - PP50</td>
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<tr>
<td>13:40 - 14:00</td>
<td>108 - Oral Presentations</td>
<td>Paper Reference Nos. PP71 - PP80</td>
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<tr>
<td>14:00 - 14:40</td>
<td>109 - Oral Presentations</td>
<td>Paper Reference Nos. PP81 - PP90</td>
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<td>14:40 - 15:00</td>
<td>110 - Oral Presentations</td>
<td>Paper Reference Nos. PP91 - PP100</td>
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<tr>
<td>15:00 - 15:20</td>
<td>111 - Oral Presentations</td>
<td>Paper Reference Nos. PP101 - PP110</td>
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*Subject to additional fee*
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<th>Session</th>
<th>Venue</th>
<th>Speaker/Institution</th>
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<td>09:00 - 09:15</td>
<td>Discussion</td>
<td>HALL BERLIN SALON 7</td>
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<tr>
<td>09:15 - 09:30</td>
<td>IP1 - Masterclass Postgraduate Course*</td>
<td>HALL BERLIN SALON 7</td>
<td>Perioperative VAD management (cont.)</td>
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<tr>
<td>09:30 - 10:15</td>
<td>IS01 - Industrial Symposium</td>
<td>SALON 16-17</td>
<td>Nirav C Patel, Hofstra Northwell School of Medicine, Lenox Hill Hospital, New York, NY, USA</td>
</tr>
<tr>
<td>10:15 - 10:30</td>
<td>IS02 - Industrial Symposium</td>
<td>SALON 16-17</td>
<td>Andreas Koster, Heart and Diabetes Center NRW, Institute for Anaesthesiology, Bad Oeynhausen, Germany</td>
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<tr>
<td>10:30 - 11:15</td>
<td>IS03 - Industrial Symposium</td>
<td>SALON 16-17</td>
<td>Thomas Scheeren, University Medical Center Groningen, Department of Anaesthesiology, Groningen, The Netherlands</td>
</tr>
<tr>
<td>11:15 - 11:30</td>
<td>IS04 - Industrial Symposium</td>
<td>SALON 16-17</td>
<td>Steffen Reis, University Hospitals Leuven, Department of Anaesthesiology, Leuven, Belgium</td>
</tr>
<tr>
<td>11:30 - 12:15</td>
<td>IS05 - Industrial Symposium</td>
<td>SALON 16-17</td>
<td>Steffen Reis, University Hospitals Leuven, Department of Anaesthesiology, Leuven, Belgium</td>
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<tr>
<td>12:15 - 12:30</td>
<td>IS06 - Industrial Symposium</td>
<td>SALON 16-17</td>
<td>Steffen Reis, University Hospitals Leuven, Department of Anaesthesiology, Leuven, Belgium</td>
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<td>12:30 - 13:15</td>
<td>IS07 - Hot topics in transfusion and patient blood product management</td>
<td>SALON 16-17</td>
<td>Peter MJ Rosseel, Breda, Netherlands; Christa Boer, Amsterdam, Netherlands</td>
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<tr>
<td>13:15 - 13:30</td>
<td>IS08 - Oral Presentations</td>
<td>SALON 16-17</td>
<td>Purificación Matute Jimenez, Barcelona, Spain; Dominique Bettex, Zürich, Switzerland</td>
</tr>
<tr>
<td>13:30 - 14:15</td>
<td>PS01 - Poster Session</td>
<td>SALON 16-17</td>
<td>Sascha Treskatsch, Berlin, Germany; Johan Bence, Leicester, UK</td>
</tr>
<tr>
<td>14:15 - 15:00</td>
<td>PS02 - Poster Session</td>
<td>SALON 16-17</td>
<td>Sascha Treskatsch, Berlin, Germany; Johan Bence, Leicester, UK</td>
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<tr>
<td>15:00 - 15:45</td>
<td>104 - Masterclass Postgraduate Course*</td>
<td>HALL BERLIN SALON 7</td>
<td>Perioperative VAD management (cont.)</td>
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<tr>
<td>15:45 - 16:00</td>
<td>105 - Masterclass Postgraduate Course*</td>
<td>HALL BERLIN SALON 7</td>
<td>Perioperative VAD management (cont.)</td>
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**Wednesday, 19 April 2017**

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<td>10:00</td>
<td>Poster &amp; Exhibition Lounges</td>
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<td>10:30</td>
<td>COFFEE BREAK</td>
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<td>10:45</td>
<td>POSTER &amp; EXHIBITION VIEWING</td>
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<td>10:50</td>
<td>10:00 - 10:30: <strong>Primary Debate</strong></td>
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<td></td>
<td><strong>Pro - Con Debate 1:</strong> For many cardiac procedures we do not need central lines, TEE, and PACs</td>
<td>Carl-Johan Jakobsen, Aarhus, Denmark &amp; Andrea Laßnigg, Vienna, Austria</td>
</tr>
<tr>
<td>11:15</td>
<td>10:30 - 10:50: <strong>Poster &amp; Exhibition Viewing</strong></td>
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<td>11:20</td>
<td>10:50 - 11:00: <strong>Post-Operative TEE: how far have we come?</strong></td>
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<td></td>
<td><strong>Chairs:</strong> Patrick Wouters, Ghent, Belgium &amp; Sascha Treskatsch, Berlin, Germany</td>
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<tr>
<td>11:30</td>
<td>11:00 - 11:15: <strong>Oral Presentations</strong></td>
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<td></td>
<td>11:15 - 11:30: <strong>Plenary Debate</strong></td>
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<td><strong>Pro - Con Debate 2:</strong> Conscious sedation should be the standard for TAVI procedures?</td>
<td>Steffen Rex, Leuven, Belgium &amp; Fabio Guarracino, Pisa, Italy</td>
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<tr>
<td>11:45</td>
<td>11:30 - 11:45: <strong>Plenary Debate</strong></td>
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<td><strong>Pro:</strong> Vera von Dossow, Ludwig-Maximilian University, Munich, Germany</td>
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<tr>
<td>12:00</td>
<td>11:45 - 12:00: <strong>Plenary Debate</strong></td>
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<td><strong>Con:</strong> Patrick Mayr, German Heart Centre Munich, Munich, Germany</td>
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<tr>
<td>12:45</td>
<td>12:00 - 12:15: <strong>Discussion</strong></td>
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<tr>
<td>12:30</td>
<td>PL21 - <strong>Plenary Lecture</strong></td>
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<td></td>
<td><strong>Perioperative diastolic dysfunction</strong></td>
<td>Lee Feddy, University Hospital of South Manchester, Cardiothoracic Critical Care Unit, Manchester, UK</td>
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<tr>
<td>13:00</td>
<td>PL22 - <strong>Plenary Lecture</strong></td>
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<td></td>
<td><strong>Perioperative management of hypothermia and Perioperative TEE for CABG</strong></td>
<td>Patrick Wouters, Ghent University, Department of Anaesthesia and Perioperative Medicine, Ghent, Belgium</td>
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<tr>
<td>13:45</td>
<td>PL23 - <strong>Plenary Lecture</strong></td>
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<td></td>
<td><strong>How to assess volume responsiveness in the cardiac surgery patient?</strong></td>
<td>Angela Mark, Adelaide Hospital, Department of Cardiac Anaesthesia, Adelaide, Australia and Specialist Registrar, University of Adelaide, Australia</td>
</tr>
<tr>
<td>14:15</td>
<td>PL24 - <strong>Plenary Lecture</strong></td>
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<td></td>
<td><strong>C4 - Theme: Do the benefits of TEE always outweigh the risks?</strong></td>
<td>Rene Schäffner, Medical University of Vienna, Department of Cardiac Anaesthesia and Perioperative Medicine, Vienna, Austria</td>
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<tr>
<td>14:45</td>
<td>PL25 - <strong>Plenary Lecture</strong></td>
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<td><strong>Cardiorenal protection and renal replacement therapy</strong></td>
<td>Martin Bernard, Medical University of Vienna, Department of Cardiac Anaesthesia and Perioperative Medicine, Vienna, Austria</td>
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<tr>
<td>15:15</td>
<td>PL26 - <strong>Plenary Lecture</strong></td>
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<td></td>
<td><strong>Pro - Con Debate 3:</strong> Conscious sedation should be the standard for TAVI procedures?</td>
<td>Steffen Rex, Leuven, Belgium &amp; Fabio Guarracino, Pisa, Italy</td>
</tr>
<tr>
<td>15:30</td>
<td>PL27 - <strong>Plenary Lecture</strong></td>
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<td></td>
<td><strong>Cardiorenal protection and renal replacement therapy</strong></td>
<td>Patrick Mayr, German Heart Centre Munich, Munich, Germany</td>
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<tr>
<td>16:00</td>
<td>PL28 - <strong>Plenary Lecture</strong></td>
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<td></td>
<td><strong>C4 - Theme: Outcome and QOL after LVAD implantation for destination therapy</strong></td>
<td>Rene Schäffner, Medical University of Vienna, Department of Cardiac Anaesthesia and Perioperative Medicine, Vienna, Austria</td>
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<tr>
<td>16:30</td>
<td>PL29 - <strong>Plenary Lecture</strong></td>
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<td></td>
<td><strong>Do we really need ECHO in the cath lab?</strong></td>
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<tr>
<td>17:00</td>
<td>PL30 - <strong>Plenary Lecture</strong></td>
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<tr>
<td></td>
<td><strong>Cardiorenal protection and renal replacement therapy</strong></td>
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<tr>
<td>17:30</td>
<td>PL31 - <strong>Plenary Lecture</strong></td>
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<tr>
<td></td>
<td><strong>C4 - Theme: Outcome and QOL after LVAD implantation for destination therapy</strong></td>
<td>Rene Schäffner, Medical University of Vienna, Department of Cardiac Anaesthesia and Perioperative Medicine, Vienna, Austria</td>
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<tr>
<td>18:00</td>
<td>PL32 - <strong>Plenary Lecture</strong></td>
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<td></td>
<td><strong>C4 - Theme: Outcome and QOL after LVAD implantation for destination therapy</strong></td>
<td>Rene Schäffner, Medical University of Vienna, Department of Cardiac Anaesthesia and Perioperative Medicine, Vienna, Austria</td>
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* Subject to additional fee
## Thursday, 20 April 2017

### 07:30 - 08:30

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<tr>
<th>HALL BERLIN</th>
<th>SALON 7</th>
<th>SALON 16-17</th>
<th>POSTER &amp; EXHIBITION LOUNGES</th>
<th>SALON 1</th>
<th>SALON 2-3</th>
<th>DEUTSCHES HERZ-ZENTRUM BERLIN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td>201 - Breakfast Panel Discussion</td>
<td>Chair: Stefan Rex, Leuven, Belgium</td>
<td>202 - Breakfast Panel Discussion</td>
<td>Chair: Jörg Ender, Leipzig, Germany</td>
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<td></td>
<td></td>
<td></td>
<td>Basics of blood flow in congenital malformations</td>
<td></td>
<td>Fast track in cardiac surgery</td>
<td>Gazin Kest, King’s College Hospital NHS Foundation Trust, Department of Anaesthesiology and Pain Therapy, London, UK</td>
</tr>
</tbody>
</table>

### 08:30 - 10:30

| 203 - Pathophysiology of chronic heart failure | Chairs: Fabio Guarracino, Pisa, Italy & Sascha Teskatsch, Berlin, Germany |
| 205 - Perioperative management of the vascular patient | Chairs: Peter Ashton, Edinburgh, UK, & Andrea Szekely, Budapest, Hungary |
| 207 - Oral Presentations | Chairs: Lea Mårts, Sweden, Brussels, Belgium & Maria José Jimenez, Barcelona, Spain |
| PS04 - Poster Session | Paper Reference Nos. OP31 - OP39 (10 x 8 minutes presentations + 4 mins discussion) |

### 09:00 - 09:20

| PL27 - Plenary Lecture | CHF as a systemic and inflammatory disease | Sascha Teskatsch, Chanté - University School of Medicine, Department of Anaesthesiology and Operative Intensive Care, Berlin, Germany |
| PL28 - Plenary Lecture | Medical approaches delaying time to, or even avoiding mechanical assist | Ewan J McKay, University Hospital of South Manchester NHS Trust, Wythenshawe Hospital The Northwest Heart Centre, Manchester, UK |
| PL31 - Plenary Lecture | Outcome in minor and major vascular procedures: analysing vascular databases and registries of any help in daily business? | Simon Howell, Leeds Institute of Biomedical and Clinical Sciences, Department of Anaesthesia, Leeds, UK |

### 09:20 - 10:00

| 208 - EACTA Masterclass Workshop* | Transfusion and haemostasis | Workshop Directors: Christa Boer, VU University Medical Center, Institute for Cardiovascular Research, Amsterdam, The Netherlands & Christian von Heymann, Vivantes Clinic in Friedrichshain, Department of Anaesthesia & Intensive Care Medicine, Berlin, Germany |
| 209 - Masterclass Workshop* | ECMO | Workshop Directors: Lee Feddy, University Hospital of South Manchester, Cardiothoracic Critical Care Unit, Manchester, UK & Ignacio Malagon, University Hospital South Manchester, Department of Cardiothoracic Anaesthesia, Manchester, UK |

### 09:00 - 10:20

| 204 - Pathophysiology of chronic heart failure | Chairs: Sascha Treskatsch, Berlin, Germany & Peter Alston, Edinburgh, UK, Andrea Szekely, Budapest, Hungary |
| 206 - Perioperative management of the vascular patient | Chairs: Peter Ashton, Edinburgh, UK, & Andrea Szekely, Budapest, Hungary |
| 208 - EACTA Masterclass Workshop* | Transfusion and haemostasis | Workshop Directors: Christa Boer, VU University Medical Center, Institute for Cardiovascular Research, Amsterdam, The Netherlands & Christian von Heymann, Vivantes Clinic in Friedrichshain, Department of Anaesthesia & Intensive Care Medicine, Berlin, Germany |
| 209 - Masterclass Workshop* | ECMO | Workshop Directors: Lee Feddy, University Hospital of South Manchester, Cardiothoracic Critical Care Unit, Manchester, UK & Ignacio Malagon, University Hospital South Manchester, Department of Cardiothoracic Anaesthesia, Manchester, UK |

### 09:10 - 09:30

| PL29 - Plenary Lecture | Surgical approaches to avoid endstage heart failure | Vlatka Furtos, German Heart Institute, Chanté University Medicine Berlin, Department of Cardiologic and Vascular Surgery, Berlin, Germany |
| PL32 - Plenary Lecture | Goal directed volume therapy in vascular surgery | Johann Kneazer, Institute for Anaesthesiology and Critical Care Medicine, Klinikum Wels-Grieskirchen GmbH, Wels, Austria |
| PL33 - Plenary Lecture | Blood management in vascular emergencies | Dragisa Unic, Skoplje, Cardiovascular Institute Skoplje, Belgrade, Department of Anaesthesiology and Intensive Care, Belgrade, Serbia |

### 09:40 - 10:00

| 201 - Breakfast Panel Discussion | Chair: Stefan Rex, Leuven, Belgium | Basics of blood flow in congenital malformations |  | Fast track in cardiac surgery | Gazin Kest, King’s College Hospital NHS Foundation Trust, Department of Anaesthesiology and Pain Therapy, London, UK |

### 08:30 - 08:50

| PL27 - Plenary Lecture | CHF as a systemic and inflammatory disease | Sascha Teskatsch, Chanté - University School of Medicine, Department of Anaesthesiology and Operative Intensive Care, Berlin, Germany |

### 09:00 - 09:20

| Introduction by course instructors, optional: pre-course examination | Christian von Heymann, Vivantes Clinic in Friedrichshain, Department of Anaesthesia & Intensive Care Medicine, Berlin, Germany |

### 08:50 - 09:10

| PL28 - Plenary Lecture | Medical approaches delaying time to, or even avoiding mechanical assist | Ewan J McKay, University Hospital of South Manchester NHS Trust, Wythenshawe Hospital The Northwest Heart Centre, Manchester, UK |
| PL32 - Plenary Lecture | Goal directed volume therapy in vascular surgery | Johann Kneazer, Institute for Anaesthesiology and Critical Care Medicine, Klinikum Wels-Grieskirchen GmbH, Wels, Austria |

### 09:20 - 09:40

| Pathophysiology of coagulation in cardiac surgery | Christina Boer, VU University Medical Center, Institute for Cardiovascular Research, Amsterdam, The Netherlands |
| Monitoring coagulation and platelet function during cardiac surgery | Moritz Lani, Maastricht University Medical Center, Department of Anaesthesiology and Pain Treatment, Maastricht, The Netherlands |

* Subject to additional fee
### Thursday, 20 April 2017

<table>
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<tr>
<th>Time</th>
<th>Session/Workshop</th>
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<tbody>
<tr>
<td>09:30 - 09:50</td>
<td>Session No. 1: 204 - Oral Presentations</td>
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<tr>
<td>09:50 - 10:00</td>
<td>Primary Discussion</td>
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<tr>
<td>10:00 - 10:36</td>
<td>206 - Oral Presentations</td>
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<td>10:36 - 10:50</td>
<td>Coffee Break</td>
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<tr>
<td>10:50 - 10:55</td>
<td>Poster &amp; Exhibition Viewing</td>
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<tr>
<td>11:00 - 13:00</td>
<td>208 - EACTA Masterclass Workshop</td>
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<tr>
<td>13:00 - 16:00</td>
<td>C03 - ECHO &amp; VAD Simulation Course/Workshop</td>
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**Note:**
- **Paper Reference Nos.** OP25 - OP27 (3 X 8 minutes presentations + 4 mins discussion)
- **COFFEE BREAK:**
  - 10:50 - 11:00
  - 11:00 - 11:30
- **Poster Session** on CPB Panel:
  - Presentation Nos. PP41 - PP50
- **212 - Oral Presentations**
  - Chiro Mukherjee, Karlsruhe, Germany & Patrick Wouters, Ghent, Belgium

**Thematic Sessions:**
- **Pathophysiology and postoperative management in congenital heart defects**
- **Fluids and haemodynamics - any news?**
- **Special issues in thoracic anaesthesia**

**Workshops:**
- **204 - Oral Presentations**
- **EACTA Masterclass Workshop Transfusion and haemostasis**

**Industry Workshop:**
- **Optimizing MitraClip anaesthesia Part I**

**Courses:**
- **ECMO & VAD Simulation Course**
  - Course Director: Frank Merkle, German Heart Centre, Academy for Perfusion, Berlin, Germany
  - Content: Hands-on simulation scenarios for ECMO and VAD devices with basic theoretical background and information.

**Venue:**
- Hallberlin
  - Salon 1, 2, 3, 12-13, 16-17
  - Posters & Exhibitions Viewing Location

**Organizer:**
- Deutsches Herz-Entrum Berlin

**Contact:**
- Berlin, Germany
- Email: info@deutsherzentrum.de
- Website: www.deutsherzentrum.de
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<tr>
<th>Time</th>
<th>Hall Berlin</th>
<th>Salon 7</th>
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<th>Salon 1</th>
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<th>Salon 12-13</th>
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<tbody>
<tr>
<td>11:00 - 11:20</td>
<td>PL35 - PLenary Lecture</td>
<td>Fluids in cardiac and vascular surgery - crystalloids, starches, gelatine, or album? Andrew Shaw, Vanderbilt University Medical Center, Department of Anesthesiology, Nashville, TN, USA</td>
<td>PL40 - PLenary Lecture</td>
<td>Goal directed perfusion during cardiopulmonary bypass: latest technologies and advances Filip de Smet, University of Ghent, Department of Surgery, Ghent, Belgium</td>
<td>10:35 - 10:55</td>
<td>Anticoagulation during ECMO</td>
<td>10:55 - 11:15</td>
<td>Jet ventilation: anaesthesia and ventilation for interventional bronchoscopy Waheedullah Karzai, Central Clinic of Bad Berka, Department of Anaesthesia, Intensive Care and Emergency Medicine, Bad Berka, Germany</td>
</tr>
<tr>
<td>11:20 - 11:40</td>
<td>PL36 - PLenary Lecture</td>
<td>How do I treat right heart failure? Andre Denault, Centre Hospitalier de l’Universite de Montreal, Montreal Heart Institute, Montreal, Canada</td>
<td>PL41 - PLenary Lecture</td>
<td>Pre-operative anaemia - consequences for oxygen supply during cardiopulmonary bypass? Andrew Klein, Papworth Hospital NHS Foundation Trust, Department of Cardiothoracic Anaesthesia and Intensive Care, Cambridge, UK</td>
<td>10:55 - 11:15</td>
<td>Risk factors and treatment of bleeding after cardiac surgery</td>
<td>11:00 - 11:30</td>
<td>Anesthetic management of tracheal resection Laszlo Sagedi, Brussels University Hospital Department of Anaesthesiology, Brussels, Belgium</td>
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<tr>
<td>11:40 - 12:00</td>
<td>PL37 - PLenary Lecture</td>
<td>Monitoring oxygen delivery and consumption - SvO2, ScvO2, or NIRS? Michael Sonder, University of Gießen, Department of Anaesthesiology and Intensive Care Medicine, Gießen, Germany</td>
<td>PL42 - PLenary Lecture</td>
<td>Cardiopulmonary bypass and microcirculation Can we, Erasmus Medical Center Rotterdam, Department of Intensive Care, Rotterdam, The Netherlands</td>
<td>11:15 - 11:35</td>
<td>Goal directed haemostatic protocol for the bleeding cardiac surgery patient</td>
<td>11:30 - 13:00</td>
<td>214 - Problem Based Learning Discussion (PBnLD) Chairs: Maria-Jose Jimenez, Barcelona, Spain &amp; Waheedullah Karzai, Bad Berka, Germany</td>
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<tr>
<td>12:00 - 12:20</td>
<td>PL38 - EACTA survey on fluid management Voixyryk Protol, University of Leipzig, Heart Center Leipzig, Department of Anaesthesiology and Intensive Care Medicine II, Leipzig, Germany</td>
<td>PL43 - PLenary Lecture</td>
<td>C4 - Theme: The role of cardioplegia solutions for outcome from CPB and cardiac surgery Martin Mielke, HELIOS Clinic HELIOS Heart Center Leipzig, Clinic for Heart, Surgery, Leipzig, Germany</td>
<td>11:50 - 12:10</td>
<td>Update on the management of HIT II in cardiac surgery</td>
<td>11:30 - 12:15</td>
<td>Pleural empyema: airway and anaesthetic management Muhammad R El Tahan, King Fahd Hospital, University of Dammam, Department of Cardiothoracic Anaesthesiology, Al Khobar, Saudi Arabia</td>
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<tr>
<td>12:20 - 12:40</td>
<td>PL39 - PLenary Lecture</td>
<td>C4 - Theme: Goal-directed therapy - evidence based or wishful thinking? Matthias Heringlake, University of Lübeck, Department of Anaesthesiology and Intensive Care Medicine, Lübeck, Germany</td>
<td>Plenary Discussion</td>
<td>How to manage coagulation and thromboprophylaxis after cardiac surgery Erik Ortmann, Kardiovaskulärer Clinic Heart, Lung and Rheumatic Diseases, Bad Nauheim, Germany</td>
<td>12:10 - 12:30</td>
<td>12:15 - 13:00</td>
<td>Lung resection in anticoagulated patients Johann Bence, University Hospitals of Leicester NHS Trust, Department of Anaesthesiology and Intensive Care, Leicester, UK</td>
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<tr>
<td>12:30 - 12:50</td>
<td>SALON 1</td>
<td>Management of anaemia and red blood cell transfusion in cardiac surgery. Christian von Heymann, Vivantes Clinic in Friedrichshain, Department of Anaesthesia &amp; Intensive Care Medicine, Berlin, Germany.</td>
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| 12:50 - 13:00 | LOUNGES | Closing remarks, feedback, optional post course examination.

All contributors.

13:00 - 14:30 | EACTA GENERAL ASSEMBLY | Lunch. Poster & Exhibition viewing.

| 14:30 - 16:00 | 208 - Atrial fibrillation | 215 - EACTA/EACTA Joint session.

Organ protection in cardiac surgery - a multidisciplinary task. Chairs: Bodil Sten Rasmussen, Aalborg, Denmark & Chair from EACTA (TBC).

14:30 - 16:00 | 216 - PS06 Poster Session: Optimising MitraClip anaesthesia Part II | 14:00 - 16:00 Masterclass Workshop (cont.) Hand-on Course Point of care coagulation. Workshop Director: Christian von Heymann, Vivantes Clinic in Friedrichshain, Department of Anaesthesia & Intensive Care Medicine, Berlin, Germany.
| 14:30 - 16:00 | 208 - EACTA Masterclass Workshop (cont.) | 14:00 - 16:00 Industry Workshop Optimising MitraClip anaesthesia Part II.

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<th>Time</th>
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<tr>
<td>14:30</td>
<td>PL44 - Plenary Lecture</td>
<td>Myocardial protection</td>
<td>Gudrun Kunst, King’s College Hospital NHS Foundation Trust, Department of Anaesthetics and Pain Therapy, London, UK</td>
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<td>14:40</td>
<td>PL48 - Plenary Lecture</td>
<td>Can we prevent it?</td>
<td>Vladimir Lomivorotov, Research Institute of Circulation Pathology, Department of Anaesthesiology and Intensive Care, Novosibirsk, Russian Federation</td>
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<tr>
<td>14:50</td>
<td>PL45 - Plenary Lecture</td>
<td>Neuroprotection</td>
<td>Joseph E Arrowsmith, Papworth Hospital, Department of Anaesthesia and Intensive Care, Cambridge, UK</td>
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<tr>
<td>15:00</td>
<td>PL49 - Plenary Lecture</td>
<td>How should we treat it?</td>
<td>Isabelle Michaux, Catholic University of Louvain, Department of Intensive Care Medicine, Yvoir, Belgium</td>
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<tr>
<td>15:10</td>
<td>PL46 - Plenary Lecture</td>
<td>Nephroprotection</td>
<td>Filip de Somer, University of Ghent, Department of Surgery, Ghent, Belgium</td>
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<tr>
<td>15:20</td>
<td>PL50 - Plenary Lecture</td>
<td>When shall we start and stop anticoagulation?</td>
<td>Seema Agarwal, Liverpool Heart and Chest Hospital, Department of Anaesthesiology, Liverpool, UK</td>
</tr>
<tr>
<td>15:30</td>
<td>PL47 - Plenary Lecture</td>
<td>C4 - Theme: Intraoperative organ protection is helpful, but pre- and intraoperative optimization is even more useful</td>
<td>Manfred Seeberger, Klinik Hirslanden, Institute of Anaesthesia and Intensive Care Medicine, Zurich, Switzerland</td>
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<tr>
<td>15:40</td>
<td>PL51 - Plenary Lecture</td>
<td>C4 - Theme: Surgical treatment of atrial fibrillation - concepts, management, and results</td>
<td>Volkmar Falk, German Heart Institute, Charité University Medicine Berlin, Department of Cardiothoracic and Vascular Surgery, Berlin, Germany</td>
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<td>15:50</td>
<td>Plenary Discussion</td>
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<td>16:00</td>
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# Thursday, 20 April 2017

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<tr>
<td>16:00 - 18:00</td>
<td>Industry Workshop Optimizing MitraClip anaesthesia</td>
<td>SALON 12-13</td>
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<tr>
<td>19:30 - 24:00</td>
<td>CONGRESS DINNER</td>
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## Hall Berlin

### 16:30 - 18:00

#### 16:30 - 16:50

**PL52 - Plenary Debate**

*The colder the better*

**George Silvay**, Mount Sinai Hospital, Department of Anaesthesiology, New York, NY, USA

#### 16:50 - 17:10

**PL55 - Plenary Lecture**

*Catheter and foreign body related infections*

**Peter MJ Rosseel**, Amphia Hospital Breda, Department of Anaesthesia and Intensive Care, Breda, The Netherlands

#### 17:10 - 17:30

**PL53 - Plenary Debate**

*The colder the better*

**Pro**

**Nandor Marczin**, Imperial College London, Department of Anaesthetics, London, UK

**Con**

**Sascha Treskatsch**, Charité - University School of Medicine, Department of Anaesthesiology and Operative Intensive Care, Berlin, Germany

#### 17:30 - 18:00

**PL57 - Plenary Lecture**

*Theme C4: Preoperative screening and treatment for prevention of nosocomial infections?*

**Michael Hiesmayr**, Vienna General Hospital, Division of Cardiac, Thoracic, Vascular Anaesthesia and Intensive Care, Vienna, Austria
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<td>08:30 - 08:50</td>
<td>PL58 - Plenary Lecture Preoperative echocardiography - a task for the anaesthesiologist?</td>
<td>Justiaan Swanepoel, University of Cape Town, Department of Anaesthesia, Cape Town, South Africa</td>
<td>PL62 - Plenary Lecture Transfusion in pediatric cardiac surgery: do we have useful triggers?</td>
<td>Matthias Müller, Justus-Liebig-University of Gießen, Department of Paediatric Anaesthesia, Gießen, Germany</td>
<td>08:30 - 09:00</td>
<td>Introduction and background of cardiopulmonary bypass Gudrun Kunst, King’s College Hospital NHS Foundation Trust, Department of Anaesthetics and Pain Therapy, London, UK</td>
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<td>08:50 - 09:10</td>
<td>PL59 - Plenary Lecture Focused echocardiography for preoperative assessment?</td>
<td>Joachim Erb, University Hospital Basel, Department of Anaesthesiology, Basel, Switzerland</td>
<td>PL63 - Plenary Lecture Predictors, pathophysiology, and long-term follow up of thromboembolism in children with CHD Birgitta Ramlin, Queen Silvia’s Children Hospital, Department of Paediatric Anaesthesia and Intensive Care, Göteborg, Sweden</td>
<td>09:00 - 09:30</td>
<td>Cardiopulmonary bypass for anaesthetists - what is important to optimise oxygen supply to all organs during bypass Marco Ranucci, IRCCS Policlinico San Donato, Department of Cardiovascular and Vascular Anaesthesia and Intensive Care, Göteborg, Sweden</td>
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<td>09:10 - 09:30</td>
<td>PL60 - Plenary Lecture Echo-guided hemodynamic management in the intensive care?</td>
<td>Miroslav Filipovic, Kantonsspital St. Gallen, Klinik für Anästhesiologie, Intensiv-, Reanimations- und Schmerzpflege, St. Gallen, Switzerland</td>
<td>PL64 - Plenary Lecture Cyanotic congenitals and grown up congenitals: do they bleed more?</td>
<td>Gabor Erdös, University Hospital Bern, Department of Anaesthesiology and Pain Medicine, Bern, Switzerland</td>
<td>09:30 - 10:00</td>
<td>Mini cardiopulmonary bypass - concept and practical applications</td>
<td>Adrian Baier, MedicIn Heart Centre Caswigh, Department of Cardiovascular Perfusion, Caswigh, Germany</td>
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<tr>
<td>09:30 - 09:50</td>
<td>HALL BERLIN</td>
<td><strong>PL61 - Plenary Lecture</strong> C4 - Theme: Echo changes the surgical plan and treatment - does it improve outcome? Manfred Seeberger, Klinik Hirslanden, Institute of Anaesthesiology and Intensive Care Medicine, Zürich, Switzerland</td>
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<tr>
<td>09:50 - 10:00</td>
<td>SALON 7</td>
<td>Plenary Discussion Plenary Discussion</td>
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<td>10:00 - 10:30</td>
<td>SALON 16-17</td>
<td><strong>PL65 - Plenary Lecture</strong> C4 - Theme: Strategies to reduce transfusions in pediatric cardiac surgery Matthias Rödel, German Heart Institute, Department of Anaesthesiology, Berlin, Germany</td>
</tr>
<tr>
<td>10:00 - 10:30</td>
<td>POSTER &amp; EXHIBITION LOUNGES</td>
<td><strong>10:00 - 10:30</strong> IABP - is there still a place for it in cardiac surgery? Giovanni Landini, San Raffaele University Hospital, Department of Anaesthesia and Intensive Care, Milan, Italy</td>
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<tr>
<td>10:00 - 10:30</td>
<td>DEUTSCHES HERZZENTRUM BERLIN</td>
<td>DLT right Waheedullah Kazami, Central Clinic of Bad Berka, Department of Anaesthesiology, Intensive Care and Emergency Medicine, Bad Berka, Germany &amp; Johann Benaz, University Hospitals of Leicester NHS Trust, Department of Anaesthesia and Intensive Care, Leicester, UK</td>
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<tr>
<td>10:30 - 11:00</td>
<td>HALL BERLIN</td>
<td>Bronchial blocker 1 Jo Mourisse, Radboud University Medical Centre, Department of Anaesthesiology, Nijmegen, The Netherlands &amp; Laszlo Szegedi, Brussels University Hospital, Department of Anaesthesiology, Brussels, Belgium</td>
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<tr>
<td>10:30 - 11:00</td>
<td>SALON 2-3</td>
<td>Bronchial blocker 2 Tamás Vegh, University of Debrecen, Department of Anaesthesiology and Intensive Care, Debrecen, Hungary &amp; Nándor Marczin, Imperial College London, Department of Anaesthetics, London, UK</td>
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<tr>
<td>10:30 - 11:00</td>
<td>HALL BERLIN</td>
<td>Epidural catheterization Manuel Vicente Granell Gil, Consorcio General Hospital, University of Valencia, Department of Anaesthesiology, Critical Care and Pain Management, Valencia, Spain &amp; Caroline Vanpeteghem, Ghent University Hospital, Department of Anaesthesiology and Perioperative Medicine, Ghent, Belgium</td>
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<td>10:30 - 11:00</td>
<td>HALL BERLIN</td>
<td>Paravertebral block Maria Carmen Unzueta, Hospital Sant Pau, Department of Anaesthesiology and Intensive Care, Barcelona, Spain &amp; Maria-José Jiménez, Hospital Clinic, Department of Anaesthesiology, Barakaldo, Spain</td>
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<td>11:00 - 11:30</td>
<td>HALL BERLIN</td>
<td>COFFEE BREAK &amp; EXHIBITION VIEWING</td>
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<td>11:00 - 11:20</td>
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<td>304 - Best Oral Abstracts Presentation</td>
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<td>Chairs: Jörg Ender, Leipzig, Germany &amp; Donna Greenhalgh, Manchester, UK</td>
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<td>Presentation Reference Nos. OP56 - OP65</td>
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FRIDAY, 21 APRIL 2017
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<tr>
<td>13:00</td>
<td>Prize award ceremony</td>
<td>13:30 - 14:30 IS05 - Industrial Symposium</td>
<td>13:30 - 14:30 IS06 - Industrial Symposium</td>
<td>Lunch</td>
<td>poster &amp; exhibition viewing</td>
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<tr>
<td>14:30 - 16:00</td>
<td>Lunch poster &amp; exhibition viewing</td>
<td>308 - Lung transplantation consensus recommendation statement Chairs: Vera von Dossow, Munich, Germany &amp; Nandor Marczin, London, UK</td>
<td>309 - Problem Based Learning Discussion (PBLD) Role of the anaesthesiologist in preventing catheter related infections Peter MJ Rosseel, Amphia Hospital Breda, Department of Anesthesia and Intensive Care, Breda, The Netherlands</td>
<td>310 - Problem Based Learning Discussion (PBLD) Fluid therapy in cardiac surgical patients with chronic kidney disease Maria Angela Rayek, Medical University of Vienna, Department of Anaesthesiology and General Intensive Care Medicine, Vienna, Austria</td>
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<td>14:30 - 14:45</td>
<td>PL70 - Plenary Lecture Introduction and organization of task forces Nandor Marczin, Imperial College, London, Department of Anaesthesiology, London, UK</td>
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<td>14:45 - 15:00</td>
<td>PL71 - Plenary Lecture Inotropic support Stefan Roe, University Hospitals Leuven, Department of Anaesthesiology, Leuven, Belgium</td>
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<td>15:00 - 15:15</td>
<td>PL72 - Plenary Lecture Mechanical support Vera von Dossow, Ludwig-Maximilian University, Department of Anaesthesiology, Munich, Germany</td>
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<td>15:15 - 15:30</td>
<td>PL73 - Plenary Lecture TEE - assessment Dominique Bettex, University Hospital Zurich, Department of Anesthesiology, Zurich, Switzerland</td>
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<td>15:30 - 15:45</td>
<td>PL74 - Plenary Lecture Ventilatory strategies Nandor Marczin, Imperial College London, Department of Anaesthesiology, London, UK</td>
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<td>15:45 - 16:00</td>
<td>PL75 - Plenary Lecture Postoperative ICU management Daniela Pasero, University of Turin, Department of Anesthesiology and Intensive Care Medicine, Turin, Italy</td>
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* Subject to additional fee
09:00 - 10:30 Hall Berlin
OL Opening Lecture

The times are changing: cardiothoracic anaesthesiology in the era of interventional cardiology
Chairs: Bodil Steen Rasmussen, Aalborg, Denmark & Fabio Guarracino, Pisa, Italy

09:00 - 09:20 PL01 From the cardiologists perspective
Holger Thiele
University Hospital Schleswig-Holstein, Medical Clinic II, Department of Cardiology, Angiology and Intensive Care, Lübeck, Germany

09:20 - 09:40 PL02 From the surgeons perspective
Volkmar Falk
German Heart Institute, Charité University Medicine Berlin, Department of Cardiothoracic and Vascular Surgery, Berlin, Germany

09:40 - 10:00 PL03 From the anaesthesiologists perspective
Fabio Guarracino
University Hospital of Pisa, Cardiothoracic Department, Cardiothoracic Anaesthesia and Intensive Care Medicine, Pisa, Italy

10:00 - 10:20 PL04 C4 - Theme: The cardiothoracic anaesthesiologist in cardiothoracic surgery and interventional cardiology - a perioperative and perinterventional decision maker?
Davy Cheng
Western University, Schulich School of Medicine & Dentistry, Department of Anaesthesia & Perioperative Medicine, London, Ontario, Canada

09:00 - 12:00 Deutsches Herzzentrum Berlin
C01 Course*

CPB Simulation Course
Course Director: Frank Merkle, German Heart Centre, Academy for Perfusion, Berlin, Germany

10:30 - 11:00 Poster & Exhibition Lounges
Coffee Break, Poster & Exhibition Viewing

* Subject to additional fee
11:00 - 12:30 Plenary Session

101 Technical advances in the hybrid OR and implications for anaesthesia - an update

Chairs: Jens Fassl, Basel, Switzerland & Joost van der Maaten, Groningen, The Netherlands

11:00 - 11:20 PL05 Interventional aortic valve procedures

Jens Fassl
University Hospital Basel, Department of Anaesthesiology and Intensive Care Medicine, Basel, Switzerland

11:20 - 11:40 PL06 Interventional mitral valve procedures

Jörg Ender
University of Leipzig, Heart Centre, Department of Anaesthesiology and Intensive Care Medicine II, Leipzig, Germany

11:40 - 12:00 PL07 Endovascular aneurysm repair (T)(EVAR)

Joost van der Maaten
University Medical Center Groningen, Department of Anaesthesiology, Groningen, The Netherlands

12:00 - 12:20 PL08 Interventional pulmonary and tricuspid valve procedures

Felix Berger
German Heart Centre Berlin, Department of Congenital Heart Disease, Paediatric Cardiology, Berlin, Germany

12:20 - 12:30 Plenary Discussion

11:00 - 12:30 Salon 7

102 Plenary Session

Bleeding, thrombosis and anemia

Chairs: Marcus Lancé, Maastricht, The Netherlands & Daniel Bolliger, Basel, Switzerland

11:00 - 11:20 PL09 The diagnostic approach to the bleeding patient

Marcus Lancé
Maastricht University Medical Center; Department of Anaesthesia and Pain Treatment, Maastricht, The Netherlands

11:20 - 11:40 PL10 Outcome of anaemic patients after discharge from hospital after cardiac surgery

Timothy Hayes
University Hospital of South Manchester NHS Foundation Trust, Department of Cardiothoracic Surgery, Manchester, UK
11:00 - 13:00 Salon 16-17

11:00 - 11:12 OP01 The decisions we make - end of life on the ICU  
Josephine Mansell, S Anwar, P Jones, R Thomas  
Presenter’s affiliation: Barts Heart Centre, Department of Perioperative Medicine, London, UK

11:12 - 11:24 OP02 Higher model for end-stage liver disease scores are associated with worse survival in patients with mechanical circulatory support  
Eniko Holndonner-Kirst, A Nagy, NR Czobor, DJ Lex, B Merkely, J Gal, A Szekely  
Presenter’s affiliation: Semmelweis University, Department of Anaesthesia and Intensive Care, Budapest, Hungary

11:24 - 11:36 OP03 Assessment of endothelial dysfunction in Lung Transplantation  
Rosalba Romano, L Thakuria, F De Robertis, A Popov, M Amrani, T Bahrami, P Dalal, S Soresi, M Carby, A Reed, A Simon, N Marczin, Harefield POPSTAR Study Group  
Presenter’s affiliation: Imperial College London, Department of Surgery & Cancer, Section of Anaesthesia, Intensive Care & Pain Management, London, UK

11:36 - 11:48 OP04 Near infrared spectroscopy at two levels of mean arterial pressure during cardiopulmonary bypass  
Frederik Holmgaard, AG Vedel, LS Rasmussen, A Langkilde, JC Nilsson, HB Ravn  
Presenter’s affiliation: Department of Cardiothoracic Anaesthesiology, Heart Centre, Rigshospitalet, University of Copenhagen, Copenhagen Ø, Denmark
11:00 - 13:00 Salon 16-17

103 Oral Presentations (cont.)

11:48 - 12:00 OP05 Cerebrovascular autoregulation impairment during cardiac surgery is related with postoperative cognitive dysfunction
*Milda Svagzdienė, B Kumpaitienė, E Sirvinskas, R Zakelis, V Petkus, A Ragauskas, R Benetis*
Presenter’s affiliation: Kaunas Klinikos, The Hospital of Lithuanian University of Health Sciences, Clinic of Cardiothoracic and Vascular Surgery, Kaunas, Lithuania

12:00 - 12:12 OP06 A comparison of three videolaryngoscopes for double-lumen tubes intubation in humans by users with mixed experience. A randomized controlled study
*Mohamed El Tahan, A Khidr, I Gaarour, S Alshadwi, T Alghamdi, A Al’ghamd*
Presenter’s affiliation: King Fahd Hospital of the University of Dammam, Department of Anaesthesiology, Al Khobar; Dammam, Saudi Arabia

12:12 - 12:24 OP07 Pulmonary artery wave intensity analysis following lung resection
*Adam Glass, P McCall, A Arthur, J Kinsella, B Shelley*
Presenter’s affiliation: Golden Jubilee National Hospital, Department of Anaesthesia, Clydebank, UK

12:24 - 12:36 OP08 Effects of pulmonary resections on endothelial glycocalix (preliminary results)
*Zerrin Sungur, M Yornuk, Ö Turhan, U Aksu, F Toraman, M Sentürk*
Presenter’s affiliation: Istanbul University, Faculty of Medicine, Department of Anaesthesiology, Istanbul, Turkey

12:36 - 12:48 OP09 Multilevel dilatation of tracheal and bronchial stenosis using a non-occlusive tracheal dilatation balloon in a patient with sclerosing airway disease
*Ross Hofmeyr, J McGuire, P Douglas-Jones, M Proxenos, K Park, D Lubbe*
Presenter’s affiliation: University of Cape Town, Department of Anaesthesia & Perioperative Medicine, Cape Town, South Africa

12:48 - 13:00 OP10 Chronic pain after VATS: effects of paravertebral block
*Mesut Yornuk, Z Sungur, O Turhan, B Basaran, B Ozkan, M Senturk*
Presenter’s affiliation: Istanbul Medical Faculty, Department of Anaesthesiology, Istanbul, Turkey

11:00 - 13:00 Poster & Exhibition Lounges

PS01 Poster Session

*Chairs: Philippe Guadard, Montpellier, France
Gabor Erdős, Bern, Switzerland*

PP01 Strain based novel indices as a viable alternative to E/Ea for the prediction of filling pressures in patients undergoing CABG
*Vishwas Malik, R Magoon, M Hote*
Presenter’s affiliation: All India Institute of Medical Sciences, Department of Cardiac Anaesthesiology, New Delhi, India
**Poster Session (cont.)**

**PP02** Need of intraosseous access in advanced life support in the in-hospital setting  
*Stephan Leutscher, B Gerrits, N van der Meer, F Schuitemaker, T Scohy*  
Presenter’s affiliation: Amphia Hospital Breda, Department of Anaesthesiology, Pain Management and Intensive Care, Breda, The Netherlands

**PP03** One-centre experience in Intensive care and anaesthetic management in pregnant with pulmonary arterial hypertension  
*Andrey Bautin, A Yakubov, N Aram-Balik, J Kokonina, O Li, O Irtyuga, I Zazerskaya, O Moiseeva*  
Presenter’s affiliation: Almazov North-West Federal Medical Research Centre, Department of Anaesthesiology, Saint Petersburg, Russian Federation

**PP04** Effect of sevoflurane or propofol on shunt fraction in pediatric patients undergoing percutaneous transcatheter closure of atrial septal defect  
*Deniz Karakaya, M Sungur, S Bans, E Kelsaka, K Baysal*  
Presenter’s affiliation: Ondokuz Mayis University, Department of Anaesthesiology, Samsun, Turkey

**PP05** Celite based viscometer sonoclot analysis in infants with D-transposition of great arteries undergoing arterial switch operation  
*Neeti Makhija, S Ladha, S Chauhan, S Talwar*  
Presenter’s affiliation: All India Institute of Medical Sciences, Department of Cardiac Anaesthesia, New Delhi, India

**PP06** ECMO with cannulation of femoral vein and pulmonary artery in a patient after heart transplantation and unknown refractory hypoxemia  
*Jordi Miralles Bagan, T Koller, M Tauron Ferrer, J Galan Serrano*  
Presenter’s affiliation: Hospital Sant Pau, Department of Anaesthesiology, Barcelona, Spain

**PP07** Cardiac anaesthesia risk evaluation score (Care Score) versus EuroSCORE II. Mortality and morbidity analysis in Spanish cardiac surgery population  
*Manuel Bertomeu-Cornejo, A Hernandez-Fernandez, A Alvarez, JM Borrego-Dominguez*  
Presenter’s affiliation: Virgen del Rocio Hospital, Department of Anaesthesia, Seville, Andalusia, Spain

**PP08** Can foreign trainees be distractive in terms of communication during cardiac surgery?  
*Keiko Okuyama, SA Ariffn, M Nomura*  
Presenter’s affiliation: Tokyo Women’s Medical University, Department of Anaesthesiology, Tokyo, Japan
PS01 Poster Session (cont.)

PP09 Bedside monitoring of cerebral energy state during cardiac surgery – a novel approach utilizing intravenous microdialysis

Simon Mölström, C Andersen, T Halfeld Nielsen, C-H Nordström, P Toft
Presenter’s affiliation: Department of Anaesthesiology and Intensive Care, Odense University Hospital, Odense, Denmark

PP10 Vasoplegia syndrome in cardiac surgery: combined use of hydrocortisone and N-acetylcysteine, description of two clinical cases

Francesca Volpi, C Todisco, R Ciampichini, V Beato, L Quondam Girolamo, EV Manini, F Mencarelli, F Bocci, P Sini, L Pompili, C Serra, I di Bella, A Affronti, N Dentini
Presenter’s affiliation: Santa Maria Della Misericordia Hospital, Department of Anaesthesia, Post Cardiac Surgery Intensive Therapy, Perugia, Italy

11:00 - 13:00 Salon 1
104 Masterclass Postgraduate Course*

Perioperative VAD management - Preoperative session

Chairs: Nandor Marczin, London, UK & Eric de Waal, Utrecht, The Netherlands

11:00 - 11:30 End stage heart failure - preoperative evaluation
Dominique Bettex
University Hospital Zürich, Department of Anaesthesia, Zürich, Switzerland

11:30 - 12:00 Prediction of right ventricular failure
Marian Kukucka
German Heart Centre Berlin, Department of Anaesthesiology and St Bartholomew’s Hospital and Barts Heart Centre London, Department of Perioperative Medicine

12:00 - 12:30 Hemodynamic preoptimisation
Mahesh Prabhu
Newcastle upon Tyne Hospital NHS Foundation Trust, Freeman Hospital, Newcastle Surgical Training Centre, Newcastle upon Tyne, UK

12:30 - 13:00 Surgical aspects
Evgenij Potapov
German Heart Institute, Charité University of Medicine, Department of Cardiothoracic and Vascular Surgery, Berlin, Germany

*Subject to additional fee
11:00 - 13:00 Salon 2-3
105 Workshop

**General issues in thoracic anaesthesia**
*Chairs: Laszlo Szegedi, Brussels, Belgium & Manuel Vicente Granell Gil, Valencia, Spain*

11:00 - 11:20
Can anaesthesia or anaesthetic technique make a difference in outcomes for lung cancer surgery?
*Jo Mourisse*
Radboud University Medical Centre, Department of Anaesthesiology, Nijmegen, The Netherlands

11:20 - 11:40
Major complications in thoracic anaesthesia and how to deal with them (airway bleeding, airway injury, massive intrathoracic bleeding)
*Johan Bence*
University Hospitals of Leicester NHS Trust, Department of Anaesthesia and Intensive Care, Leicester, UK

11:40 - 12:00
Difficult airway in thoracic anaesthesia
*Manuel Vicente Granell Gil*
Consorcio General Hospital, Universitary of Valencia, Department of Anaesthesiology, Critical Care and Pain Management, Valencia, Spain

12:00 - 12:20
Lung resection in patients with marginal lung function: where are the limits?
*Maria Carmen Unzueta*
Hospital Sant Pau, Department of Anaesthesiology and Intensive Care, Barcelona, Spain

13:00 - 14:30 Poster & Exhibition Lounges
Lunch Break, Poster & Exhibition Viewing

13:30 - 14:30 Salon 7
IS01 Industrial Symposium

13:30 - 14:30 Salon 16-17
IS02 Industrial Symposium

13:00 - 16:00 Deutsches Herzzentrum Berlin
C02 Course*
**ECMO & VAD Simulation Course**
*Course Director: Frank Merkle*
German Heart Centre, Academy for Perfusion, Berlin, Germany

*Subject to additional fee
14:30 - 16:00 Hall Berlin
106  Plenary Session
SCA/EACTA Joint Panel - Robotic cardiac surgery - the future?
*Chairs: Linda Shore-Lesserson, Hempstead, NY, USA & Bodil Steen Rasmussen, Aalborg, Denmark*

14:30 - 14:50 PL13  Recent developments in robotic cardiac surgery
*Nirav C Patel*
Hofstra Northwell School of Medicine, Lenox Hill Hospital, Department of Cardiothoracic Surgery, New York, NY, USA

14:50 - 15:10 PL14  Anaesthesiological considerations for robotic cardiac surgery
*Jonathan D Leff*
Albert Einstein College of Medicine, Department of Anaesthesiology, Bronx, NY, USA

15:10 - 15:30 PL15  Minimal access surgery – right patient, right procedure, right approach
*Andrew Shaw*
Vanderbilt University Medical Center, Department of Anaesthesiology, Nashville, TN, USA

15:30 - 15:50 PL16  C4 – Theme: Does robotic surgery offer benefits over and above standard surgery?
*Emiliano Navarra*
Saint-Luc Hospital, Catholic University of Louvain, Department of Cardiovascular and Thoracic Surgery, Brussels, Belgium

15:50 - 16:00 Plenary Discussion

14:30 – 16:00 Salon 7
107  Plenary Session
Hot topics in transfusion
*Chairs: Christa Boer, Amsterdam, The Netherlands & Peter MJ Rosseel, Breda, The Netherlands*

14:30 - 14:50 PL17  Quality of RBC: storage time, leucodepletion. Does it really matter?
*Andreas Koster*
Heart and Diabetes Center NRW, Institute for Anaesthesiology, Bad Oeynhausen, German

14:50 - 15:10 PL18  Microcirculation and \( \text{DO}_2/\text{VO}_2 \) as new triggers for RBC transfusion
*Christa Boer*
VU University Medical Center, Institute for Cardiovascular Research, Amsterdam, The Netherlands

15:10 - 15:30 PL19  Cell salvage in cardiac surgery revisited
*Thomas Scheeren*
University Medical Center Groningen, Department of Anaesthesiology, Groningen, The Netherlands
**WEDNESDAY, 19 APRIL 2017**

### 107  Plenary Session (cont.)

#### 15:30 - 15:50  PL20 C4-Theme: Overview on the current EACTS/EACTA PBM guideline project

*Timothy Hayes*
University Hospital of South Manchester NHS Foundation Trust, Department of Cardiothoracic Surgery, Manchester, UK

#### 15:50 - 16:00  Plenary Discussion

### 14:30 - 16:00  Salon 16-17

#### 108  Oral Presentations

*Chairs: Dominique Bettex, Zürich, Switzerland & Purificación Matute Jimenez, Barcelona, Spain*

#### 14:30 - 14:42  OP11 Oxidative stress and early complications after cardiac surgery

*Valery Likhvantsev, Z Filippovskaya, O Grebenchikov, Y Skripkin, O Gerasimenko, O Ulitkina, A Ovezov, R Zinovkin*

Presenter’s affiliation: Moscow Regional Clinical & Research Institute (MONIKI), Intensive Care Unit, Moscow, Russian Federation

#### 14:42 - 14:54  OP12 The 30-day mortality is a poor quality indicator

*Laura S Hansen, PK Ryhammer, NE Hjørnet, C-J Jakobsen*

Presenter’s affiliation: Aarhus University Hospital, Department of Anaesthesiology and Intensive Care, Aarhus N, Denmark

#### 14:54 - 15:06  OP13 Prevalence and impact of abnormal respiratory patterns in cardiac surgery: a prospective cohort study

*Dmitry Ponomarev, O Kamenskaya, A Klinkova, I Loginova, V Shmyrev, V Lomivorotov*

Presenter’s affiliation: Novosibirsk Research Institute of Circulation Pathology, Department of Anaesthesia and Intensive Care Unit, Novosibirsk, Russian Federation

#### 15:06 - 15:18  OP14 Cell-free circulating DNA as a potential predictor of AKI in patients undergoing CABG

*Valery Likhvantsev, G Landoni, O Grebenchikov, T Zabelina, Y Skripkin, L Zinovkina, R Zinovkin*

Presenter’s affiliation: Moscow Regional Clinical & Research Institute (MONIKI), Intensive Care Unit, Moscow, Russian Federation

#### 15:18 - 15:30  OP15 Do we need a different transfusion strategy in patients with chronic kidney disease undergoing CABG?

*Muharrem Kocyigit, S Senay, AU Gullu, EM Okten, C Ariturk, F Toraman, H Karabulut, TR Evenkaya, C Alhan*

Presenter’s affiliation: Acibadem University, Department of Anaesthesiology, İstanbul, Turkey
15:30 - 15:42  OP16  Reversal of coagulopathy with factor concentrates and autologous platelet rich plasma for aortic surgery with deep hypothermic circulatory arrest  
**Seema Agarwal, V Mehta, A Jackson, K Mills, M Shaw, M Field**  
Presenter’s affiliation: Liverpool Heart and Chest Hospital, Department of Anaesthesia, Liverpool, UK

15:42 - 15:54  OP17  Effects of mean arterial pressure on haematocrit during cardiopulmonary bypass - a substudy of the PPCI-trial  
**Anne-Sophie Fenger, AG Vedel, SR Rasmussen, JC Nilsson, HB Ravn**  
Presenter’s affiliation: University Hospital - Rigshospitalet, Department of Cardiothoracic Anaesthesiology, Copenhagen, Denmark

14:30 - 16:00 Poster & Exhibition Lounges  
PS02  Poster Session  
**Chairs: Sascha Treskatsch, Berlin, Germany & Johan Bence, Leicester, UK**

14:30 - 16:00  PP11  Effect of cardiopulmonary bypass on carboxyhemoglobin levels in smokers and non-smokers undergoing various cardiac surgical procedures  
**Amjad Najim, N Odo, S Agarwal**  
Presenter’s affiliation: Medical College of Georgia, Augusta University Medical Center, Department of Anaesthesiology and Perioperative Medicine, Augusta, GA, USA

**PP12**  Low cardiac output syndrome after adult cardiac surgery: predictive value of peak systolic global longitudinal strain  
**Philippe Amabili, I Noirot, L Roediger, M Senard, B Hubert, A-F Donneau, J-F Brichant, G Hans**  
Presenter’s affiliation: CHU of Liege, Department of Anaesthesia and Intensive Care Medicine, Liege, Belgium

**PP13**  The effect of n-acetylcysteine on respiratory function in the aortic surgery with antegrade cerebral perfusion  
**Omer Faruk Savluk, F Toptan, F Guzelmeric, R Yaltirik, A Erkilinc, E Gurcu, C Guler, T Kocak**  
Presenter’s affiliation: Kartal Kosuyolu High Education and Training Hospital, Department of Anaesthesiology and Reanimation, Istanbul, Turkey

**PP14**  Evaluation of simulator training on transoesophageal echocardiography performance in anaesthesia residents  
**Ulrike Weber, B Zapletal, E Base, M Hambrusch, B Mora**  
Presenter’s affiliation: Medical University of Vienna, Department of Anaesthesiology, General Intensive Care and Pain Medicine, Vienna, Austria

**PP15**  A case of left atrial dissection after mitral valve replacement  
**Dheeraj Arora, M Mishra, Y Mehta, N Trehan**  
Presenter’s affiliation: Medanta The Medicity, Institute of Critical Care & Anaesthesiology, New Delhi, India
PS02  Poster Session (cont.)

PP16  Elimination of hydroxyethyl starch (HES) used as colloid priming in cardiovascular surgery

Melis Tosun, H Ulugol, M Okten, K Vardar, G Karduz, M Kilercik, U Aksu, M Senturk, C Alhan, F Toraman
Presenter’s affiliation: Acibadem University, School of Medicine, Department of Anesthesiology and Reanimation, Istanbul, Turkey

PP17  Serum phosphorus, a simple biomarker of acute kidney injury severity and renal recovery after cardiac surgery

Marine Saour, J Ridolfo, N Zéroual, P Gaudard, P Colson
Presenter’s affiliation: Arnaud de Villeneuve University Hospital, Cardiothoracic Intensive Care Unit, Montpellier, France

PP18  Wellbeing and agency in parents of children with congenital heart disease

Rodrigo López Barreda
Presenter’s affiliation: Pontificia Universidad Católica de Chile, Department of Anaesthesia, Santiago, Chile

PP19  Impact of combined anaesthesia on cognitive functions of patients after cardiac surgery

Rasa Bukauskiene, R Benetis, E Širvinskas, T Lenkutis, P Petkevicius, G Kasputyte
Presenter’s affiliation: Lithuanian University of Health Sciences, Cardiovascular and Thoracic Surgery Clinic, Kaunas, Lithuania

PP20  Pericardial disease after cardiac surgery: postpericardiotomy syndrome, purulent and constrictive pericarditis

Maria Teresa Rivilla Lizano, P Paniagua Iglesias, T Koller, J Galan Serrano, ML Maestre Hittinger, B Martin Huerta
Presenter’s affiliation: Hospital de la Santa Creu i Sant Pau, Department of Anaesthesiology, Barcelona, Spain

14:30 - 16:00  Salon 1

104  Masterclass Postgraduate Course*

Perioperative VAD management - Intraoperative session

Chairs: Vera von Dossow, Munich, Germany & Stephan Bouchez, Ghent, Belgium

14:30 - 14:50  General anaesthetic management/ inotropic support

Nandor Marczin
Imperial College London, Department of Anaesthetics, London, UK

14:50 - 15:10  Intraoperative TOE

Stefan Bouchez
Ghent University Hospital, Department of Anaesthesia, Ghent, Belgium

*Subjet to additional fee
104 Masterclass Postgraduate Course* (cont.)

15:10 - 15:30 Physiology of RV function and failure during LVADs

Steffen Rex
University Hospitals Leuven, Department of Anaesthesiology, Leuven, Belgium

15:30 - 15:50 Vasoplegia during LVAD insertion

Eric de Waal
University Medical Centre Utrecht, Department of Anaesthesiology, Utrecht, The Netherlands

15:50 - 16:00 Discussion

14:30 - 15:15 Salon 2-3

109 Masterclass Workshop - Pro & Con Debate

Fixed or individualized ventilator-setting during one-lung-ventilation?

Chairs: Maria-José Jiménez, Barcelona, Spain & Tamás Vegh, Debrecen, Hungary

14:30 - 14:45 Pro: a fixed ventilator setting is better

Tamás Vegh
University of Debrecen, Department of Anaesthesiology and Intensive Care, Debrecen, Hungary

14:45 - 15:00 Con: an individualized setting is better

Maria Carmen Unzueta
Hospital Sant Pau, Department of Anaesthesiology and Intensive Care, Barcelona, Spain

14:45 - 15:15 Discussion

16:00 - 16:30 Poster & Exhibition Lounges

Coffee Break, Poster & Exhibition Viewing

*Subject to additional fee
16:30 - 18:00  Hall Berlin

110  Plenary Session

Perioperative TEE: How far have we come?
Chairs: Patrick Wouters, Ghent, Belgium & Sascha Treskatsch, Berlin, Germany

16:30 - 16:50  PL21  Do we really need ECHO in the cath lab?
Chirojit Mukherjee
Helios Clinic for Cardiac Surgery, Department of Anaesthesia and Intensive Care, Karlsruhe, Germany

16:50 - 17:10  PL22  Perioperative diastolic dysfunction and TEE - a contradiction?
Patrick Wouters
Ghent University, Department of Anaesthesia and Perioperative Medicine, Ghent, Belgium

17:10 - 17:30  PL23  How to assess volume responsiveness in the cardiac surgery patient?
Angela Mahdi
Aalborg University Hospital, Department of Cardiothoracic Anaesthesiology, Aalborg, Denmark

17:30 - 17:50  PL24  C4-Theme: Do the benefits of TEE always outweigh the risks?
Linda Shore-Lesserson
Hofstra North Shore, LIJ School of Medicine, Department of Anaesthesiology, Hempstead, NY, USA

17:50 - 18:00  Plenary Discussion

16:30 - 17:15  Salon 7

111  Plenary Debate

For many cardiac procedures we do not need central lines, TEE and PACs anymore!
Chairs: Carl-Johan Jakobsen, Aarhus, Denmark & Andrea Laßnigg, Vienna, Austria

16:30 - 16:45  PL25  Pro
Sandeep Prataprao Tamba
Aarhus University Hospital Skejby, Department of Anaesthesiology, Aarhus, Denmark

16:45 - 17:00  PL25  Con
Uwe Schirmer
Ruhr University of Bochum, Heart and Diabetic Center NRW, Bad Oeynhausen, Germany

17:00 - 17:15  Plenary Discussion
17:15 - 18:00 Salon 7
112 Plenary Debate

Conscious sedation should be the standard for TAVI procedures?
Chairs: Steffen Rex, Leuven, Belgium & Fabio Guarracino, Pisa, Italy

17:15 - 17:30 PL26 Pro
Vera von Dossow
Ludwig-Maxillilin University, Department of Anaesthesiology, Munich, Germany

17:30 - 17:45 PL26 Con
Patrick Mayr
German Heart Centre Munich, Institute of Anaesthesiology, Munich, Germany

17:45 - 18:00 Plenary Discussion

16:30 - 18:00 Salon 16-17
113 Oral Presentations
Chairs: Gudrun Kunst, London, UK & Michael Sander, Giessen, Germany

16:30 - 16:42 OP18 Deep hypothermic circulatory arrest or cerebral perfusion during aortic surgery: a randomised study
Vladimir Shmyrev, I Kornilov, O Kamenskaya, D Ponomarev, VV Lomivorotov
Presenter’s affiliation: Novosibirsk Research Institute of Circulation Pathology, Department of Anaesthesiology, Novosibirsk, Russian Federation

16:42 - 16:54 OP19 Post-cardiotomy vasoplegic syndrome: role of Copeptine
Daniela Pasero, MC Greci, R Raffaldi, E di Vita, G Motta, A Penso, E Ghigo, L Brazzi
Presenter’s affiliation: Azienda Ospedaliera Città della Salute e della Scienza, Department of Anaesthesiology, Turin, Italy

16:54 - 17:06 OP20 The influence of mean arterial pressure during cardiopulmonary bypass on cerebral complications
Anne Grønborg Vedel, F Holmgaard, L Rasmussen, A Langkilde, OB Paulson, PS Olsen, T Lange, HB Ravn, JC Nilsson
Presenter’s affiliation: Copenhagen University Hospital, Rigshospitalet, Department of Cardiothoracic Anaesthesiology, Copenhagen, Denmark

17:06 - 17:18 OP21 Urine partial oxygen pressure as early marker of acute kidney injury after paediatric cardiac surgery
Melis Tosun, H Ulugol, B Kurat, M Kilercik, E Erek, U Aksu, C Alhan, F Toraman
Presenter’s affiliation: Acibadem University, School of Medicine, Department of Anaesthesiology and Reanimation, Istanbul, Turkey
17:18 - 17:30  OP22  Impact of cardiopulmonary bypass flow on renal oxygenation ("ICAROX study")
Lukas Lannemyr, B Redfors, G Bragadottir, S-E Ricksten
Presenter's affiliation: Sahlgrenska University Hospital, Västra Götalandsregionen, Department of Cardiothoracic Anaesthesia and Intensive Care, Gothenburg, Sweden

17:30 - 17:42  OP23  Ventricular arterial coupling to manage hemodynamic instability in the theatre: an elastance based approach at bedside
Pietro Bertini, S Gonnella, G Brizzi, G Mancino, L Doroni, F Guarracino
Presenter's affiliation: Azienda Ospedaliero Universitaria Pisana - Department of Anaesthesia and Critical Care Medicine, Department of Cardiothoracic and Vascular Anaesthesia and Critical Care, Pisa, Italy

17:42 - 17:54  OP24  Levosimendan after mitral valve replacement supports right ventricular function better in mitral stenosis patients with moderate to severe pulmonary hypertension
Prabhat Tewari, S Agarwal, G Majumdar
Presenter's affiliation: Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPGIMS), Department of Anaesthesiology, Lucknow, Uttar Pradesh, India

16:30 - 18:00 Poster & Exhibition Lounges

PS03  Poster Session
Chairs: Giovanni Landoni, Milan, Italy, & Johann Knotzer, Wels, Austria

PP21  Intraoperative red blood cell transfusion trigger in double lung transplantation: The higher the better?
Johannes Menger, S Koch, P Jaksch, M Dworschak
Presenter's affiliation: Medical University of Vienna, Department of Anaesthesia, Critical Care and Pain Medicine, Vienna, Austria

PP22  Changes of serum creatinine in the early postoperative period and prognosis prediction of patients after cardiac surgery
Martin Bernardi, R Ristl, T Neugebauer, M Hiesmayr, A Lassnigg
Presenter's affiliation: Medical University of Vienna, Department of Cardiothoracic and Vascular Anaesthesia and Intensive Care Medicine, Vienna, Austria

PP23  Clinical outcome of non-cardiac surgery among patients with history of coronary revascularization by percutaneous coronary intervention vs. coronary artery bypass
Hyunjoo Jung, J Park, S Lee
Presenter's affiliation: Samsung Medical Center; Department of Anaesthesiology and Pain Medicine, Seoul, South Korea
PS03  Poster Session (cont.)

PP24  Autophagy mediates the protective role of heme oxygenase-1 against hepatic ischemia reperfusion injury in rats
Yi Liu
Presenter’s affiliation: Shanghai Hospital of Shanghai, Department of Anaesthesiology and Critical Care Medicine, Shanghai, PR China

PP25  Highly sensitive cardiac troponin T (hsTnT) as a marker of perioperative myocardial infarction after cardiac surgery
Josef Frdlik, J Mokrejs, J Havelka, D Rajdl
Presenter’s affiliation: Faculty Hospital, Department of Cardiac Surgery, Pilsen, Czech Republic

PP26  Time to central venous catheter imaging on the Cardiothoracic Intensive Care Unit (CICU)
Rabiya Farrukh, A Spong, N Soneji, DL Braham
Presenter’s affiliation: Imperial College Healthcare NHS Trust, Department of Anaesthetics, London, UK

PP27  Blood and blood product transfusion management experiences of Turkish anaesthesiologists: a multicentre survey study
Alev Saylan, A Ertürk, D Kara, B Tezcan, A Demir, Ü Karadeniz, A Özgök
Presenter’s affiliation: Turkish High Specialty Educational and Research Hospital, Department of Anaesthesiology and Reanimation, Ankara, Turkey

PP28  Oxygen delivery and acute kidney injury after cardiac surgery
Cornelius Jakobsen, K Kandler, R Nielsen, N Knudsen, JC Nilsson, HB Ravn
Presenter’s affiliation: Heart Centre, Rigshospitalet, University of Copenhagen, Department of Cardiothoracic Anaesthesiology, Copenhagen, Denmark

PP29  Cardiac arrest due to anaphylactic shock after cardiac surgery with massive bleeding and cardiac tamponade following cardiopulmonary resuscitation: case report
Mireia Rodriguez Prieto, M García Álvarez, A Parera Ruiz, T Koller, V Moral
Presenter’s affiliation: Hospital Santa Creu i Sant Pau, Department of Anaesthesiology, Barcelona, Spain

PP30  Neuromuscular ultrasound as a promising tool in the diagnose of diaphragmatic paralysis after cardiac surgery
Maria del Mar Felipe, M García-Álvarez, L Zapata, J Galán
Presenter’s affiliation: Hospital Sant Pau, Department of Anaesthesiology, Barcelona, Spain
16:30 - 18:00 Salon 1

104 Masterclass Postgraduate Course*

Perioperative VAD management - Postoperative Session
Chairs: Mahesh Prabhu, Newcastle, UK & Philippe Gaudard, Montpellier, France

16:30 - 16:50 Haemostasis and management of coagulopathy
Lee Feddy
University Hospital of South Manchester, Cardiothoracic Critical Care Unit, Manchester, UK

16:50 - 17:10 Overall ITU management
Philippe Gaudard
CHU Montpellier, Department of Anaesthesiology and Critical Care Medicine, Montpellier, France

17:10 - 17:30 Cardiorenal protection and renal replacement therapy
Martin Bernardi
Medical University of Vienna, Department of Cardiothoracic and Vascular Anaesthesia And Intensive Care Medicine, Vienna, Austria

17:30 - 17:50 C4 - Theme: Outcome and QOL after LVAD implantation for destination therapy
Rene Schramm
Ludwig-Maximillians University, Department of Cardiac Surgery, Munich, Germany

17:50 - 18:00 Discussion

18:00 - 19.30 Poster & Exhibition Lounges
Welcome Reception

*Subject to additional fee
THURSDAY, 20 APRIL 2017

07:30 - 08:30 Salon 1

201 Breakfast Panel Discussion
   Chair: Steffen Rex, Leuven, Belgium

07:30 - 08:30 Basics of blood flow in congenital malformations
   Hanne Berg Ravn
   University of Copenhagen, Rigshospitalet - Heart Center, Institute of Clinical Medicine, Copenhagen, Denmark

07:30 - 08:30 Salon 2-3

202 Breakfast Panel Discussion
   Chair: Jörg Ender, Leipzig, Germany

07:30 - 08:30 Fast track in cardiac surgery
   Gudrun Kunst
   King’s College Hospital NHS Foundation Trust, Department of Anaesthetics and Pain Therapy, London, UK

08:30 - 10:30 Hall Berlin

203 Plenary Session
   Pathophysiology of chronic heart failure
   Chairs: Fabio Guarracino, Pisa, Italy & Sascha Treskatsch, Berlin, Germany

08:30 - 08:50 PL27 CHF as a systemic and inflammatory disease
   Sascha Treskatsch
   Charité - University School of Medicine, Department of Anaesthesiology and Operative Intensive Care, Berlin, Germany

08:50 - 09:10 PL28 Medical approaches delaying time to, or even avoiding mechanical assist
   Ewan J McKay
   University Hospital of South Manchester NHS Trust, Wythenshawe Hospital, The Northwest Heart Centre, Manchester, UK

09:10 - 09:30 PL29 Surgical approaches to avoid endstage heart failure
   Volkmar Falk
   German Heart Institute, Charité University Medicine Berlin, Department of Cardiothoracic and Vascular Surgery, Berlin, Germany

09:30 - 09:50 PL30 C4 - Theme: A role for anaesthesiology in outpatient management after cardiac surgery?
   Michael Hiesmayr
   Vienna General Hospital, Division of Cardiac, Thoracic, Vascular Anaesthesia and Intensive Care, Vienna, Austria

09:50 - 10:00 Plenary Discussion
10:00 - 10:36 Hall Berlin

204 Oral Presentations

*Chairs: Fabio Guarracino, Pisa, Italy & Sascha Treskatsch, Berlin, Germany*

10:00 - 10:12 OP25 Control of nosocomial outbreak due to multiresistant bacteria based on audit and education in a cardiothoracic intensive care unit

*Philippe Gaudard, M Saour, S Parer, C Jeandel, P Colson*

Presenter’s affiliation: CHU Montpellier, Cardiothoracic ICU, Montpellier, France

10:12 - 10:24 OP26 Acute Risk Change (ARC) can be used for continuous quality monitoring and detection of adverse clinical events

*Tim Coulson, S Webb, M Bailey, C Reid, D Pilcher*

Presenter’s affiliation: Papworth Hospital, Department of Anaesthesia, Cambridge, UK

10:24 - 10:36 OP27 Effects of non-technical skills training in immediate life support courses

*Georg Prattes, I Pflanzl, J Schieber, G Stark, J Knotzer*

Presenter’s affiliation: Klinikum Wels-Grieskirchen, Department of Anaesthesiology II, Wels, Austria

08:30 - 10:00 Salon 7

205 Plenary Session

*Perioperative management of the vascular patient*

*Chairs: Purificación Matute Jimenez, Barcelona, Spain & Miodrag Filipovic, St. Gallen, Switzerland*

08:30 - 08:50 PL31 Outcome in minor and major vascular procedures: analysing (vascular) databases and registries: of any help in daily business?

*Simon Howell*

Leeds Institute of Biomedical and Clinical Sciences, Department of Anaesthesia, Leeds, UK

08:50 - 09:10 PL32 Goal directed volume therapy in vascular surgery

*Johann Knotzer*

Institute for Anaesthesiology and Critical Care Medicine, Klinikum Wels-Grieskirchen GmbH, Wels, Austria

09:10 - 09:30 PL33 Blood management in vascular emergencies

*Dragana Unic-Stojanovic*

Cardiovascular Institute Dedine Belgrade, Department of Anaesthesia and Intensive Care, Belgrade, Serbia
205  Plenary Session (cont.)
09:30 - 09:50  PL34  C4-Theme: Cardiopulmonary function testing and prerehabilitation in high risk vascular patients?
Ricard Navarro-Ripoll
Hospital Clinic, Department of Anaesthesiology, Reanimation and Pain Management, Barcelona, Spain

09:50 - 10:00  Plenary Discussion

10:00 - 10:36 Salon 7
206  Oral Presentations
Chairs: Purificación Matute Jimenez, Barcelona, Spain & Miodrag Filipovic, St. Gallen, Switzerland

10:00 - 10:12  OP28  Cardiac arrest in cardiac surgery patients. Incidence and outcome. A single center report
Aurore Ughetto, B Nucci, P Burtin, R Berthezene, P Courant
Presenter’s affiliation: Clinique du Millénaire, Department of Anaesthesia, Critical Care and Pain Medicine, Montpellier, France

10:12 - 10:24  OP29  The significance of new Q waves in postoperative ECGs after elective on-pump cardiac surgery
Eckhard Mauermann, D Bolliger, J Fassl, M Grapow, E Seeberger, M Seeberger, M Filipovic, G Lurati Buse
Presenter’s affiliation: University Hospital Basel, Department of Anaesthesiology, Basel, Switzerland

10:24 - 10:36  OP30  Comparison of local and regional anaesthesia in arteriovenous fistula surgery
Elif Basagan Mogul, S Terkanlioglu, I Senkaya Signak, G Turker, S Goren, FN Kaya, A Kirgiiin
Presenter’s affiliation: Uludag University Medical School, Department of Anaesthesiology and Reanimation, Bursa, Turkey

08:30 - 10:30 Salon 16-17
207  Oral Presentations
Chairs: Peter Alston, Edinburgh, UK, & Andrea Szekely, Budapest, Hungary

08:30 - 08:42  OP31  Serum copeptin levels as predictor of cognitive dysfunction after carotid endarterectomy
Dragana Unic-Stojanovic, V Maravic-Stojkovic, D Radak, N Aleksic, P Gajin, B Milicic, S Tanaskovic, M Jovic
Presenter’s affiliation: Cardiovascular Institute Dedinje, Department of Anaesthesia and Intensive Care, Belgrade, Serbia
**Oral Presentations (cont.)**

**08:42 - 08:54**  
**OP32** Dexmedetomidine versus propofol/opioid for sedation in TAVI: a propensity matched analysis of effects on perioperative gas exchange and haemodynamic support  
*Patrick Mayr, G Wiesner, P van der Starre, J Michel, G Goppel, M Erlebach, M Kasel, C Hengstenberg, O Husser, H Schunkert, P Tassani*  
Presenter’s affiliation: German Heart Centre Munich, Technical University of Munich, Institute of Anaesthesiology, Munich, Germany

**08:54 - 09:06**  
**OP33** Haemodynamics is age dependent, but have little impact on use of inotropes and constrictors  
*Pia K Ryhammer, NE Hjørnet, J Greisen, C-J Jakobsen*  
Presenter’s affiliation: Aarhus University Hospital, Department of Anaesthesiology and Intensive Care, Aarhus N, Denmark

**09:06 - 09:18**  
**OP34** Outcomes following minimally invasive cardiac surgery  
*Sibtain Anwar, M Shaw, S Baxter*  
Presenter’s affiliation: Barts Heart Centre, Department of Perioperative Medicine, London, UK

**09:18 - 09:30**  
**OP35** Cerebrovascular CO2 reactivity after cardiac surgery in patients with depressed left ventricular function  
*Keso Skhirtladze-Dworschak, A Felli, H Rinösl, J Menger, P Opfermann, M Dworschak*  
Presenter’s affiliation: Medical University of Vienna, Department of Anaesthesia, Critical Care and Pain Medicine, Vienna, Austria

**09:30 - 09:42**  
**OP36** Tracheal milrinone bolus administration as an alternative therapy in right ventricular dysfunction during cardiovascular surgery  
*Caroline Eva Gebhard, A Rochon, H Aased, G Desjardins, A Deschamps, P Gavra, J-S Lebon, J Cogan, J Taillefer, C Ayoub, S Levesque, AY Denault*  
Presenter’s affiliation: Montreal Heart Institute, Department of Cardiac Anaesthesia, Montreal, Quebec, Canada

**09:42 - 09:54**  
**OP37** Changes in microcirculatory perfusion using acute normovolemic hemodulition (ANH) with HES (130/0.4) during cardiac surgery  
*Banu Kilicaslan, M Kanbak, M Tokur, E Kara, B Akca, A Yilbas, B Celebioglu*  
Presenter’s affiliation: Hacettepe University, Department of Anaesthesiology and Reanimation, Ankara, Turkey

**09:54 - 10:06**  
**OP38** The effects of Alprazolam and melatonin used in pre-mediation on oxidative stress, glycocalyx integrity and postoperative neuro-cognitivity disorders  
*Melis Tosun, H Ulugol, I Gunes, G Karduz, K Vardar, M Kilercik, M Okten, U Aksu, F Toraman*  
Presenter’s affiliation: Acibadem University, School of Medicine, Department of Anaesthesiology and Reanimation, Istanbul, Turkey
**Oral Presentations (cont.)**

**10:06 - 10:18 OP39** Point-of-care diagnosis of perioperative lung pathology with lung ultrasound in cardiothoracic surgery - comparison with clinical examination and chest x-ray

*David Canty, J Ford, J Heiberg, A Brennan, C Royse, D El-Ansary, A Royse*

Presenter’s affiliation: University of Melbourne, Department of Surgery, Parkville, Melbourne, VIC, Australia

**08:30 - 10:30 Poster & Exhibition Lounges**

**PS04 Poster Session**

*Chairs: Laszlo Szegedi, Brussels, Belgium & Maria-José Jiménez, Barcelona, Spain*

**PP31** Post operative pain following minimally invasive aortic valve replacement: observational study

*Patricia Romero, I Sánchez Sánchez, G Lau*

Presenter’s affiliation: Glenfield Hospital (UHL), Department of Anaesthesia and Intensive Care, Leicester, UK

**PP32** Respiratory complications after lung resection: risk prediction model

*Maria-José Yepes-Temiño, M Lillo, P Monedero, JR Perez Valdivieso*

Presenter’s affiliation: Clinica Universidad de Navarra, Department of Anaesthesiology and Intensive Care Unit, Pamplona, Navarra, Spain

**PP33** Lung abscess isolation using double lumen tubes combined with bronchial blockers: a case series

*Manuel Granell, F Pereira, R Peris, L Dolz, N Almenara, J de Andrés*

Presenter’s affiliation: Consorcio Hospital General Universitario de Valencia, Valencia, Spain

**PP34** Morbidity & mortality at 5 years following endovascular aortic aneurysm repair in the West of Scotland

*Peter Moffitt, N O’Reilly, I Raju*

Presenter’s affiliation: University of Glasgow, Glasgow, UK

**PP35** Right lobar isolation by different methods in two patients with previous left lung resection

*Elena Biosca Pérez, J Morales, M Granell, R Guijarro, A Arnau, J de Andrés*

Presenter’s affiliation: Hospital General de Valencia, Department of Anaesthesiology and Reanimation, Valencia, Spain

**PP36** Totaltrack videolaryngoscope and VivaSight SL with bronchial blockers insertion without using fiberscope. A new way to make lung isolation

*Elena Biosca Pérez, M Granell, M Ricart, F Pereira, A Brosseta, J de Andrés*

Presenter’s affiliation: Hospital General de Valencia, Department of Anaesthesiology and Reanimation, Valencia, Spain
PS04  Poster Session (cont.)

PP37  Nonintubated video-assisted thoracoscopic surgery: a report of five cases  
      Jorge Vallés Torres, B Izquierdo Villarrova, R Embún Flor, N Muñoz González, L Gallego 
      Ligorit, A Sanjuan Villarreal  
      Presenter’s affiliation: Hospital Universitario Miguel Servet, Department of Cardiothoracic and Vascular Anaesthesia, Zaragoza, Spain

PP38  Non-invasive indices of right ventricular afterload following lung resection  
      Adam Glass, P McCall, A Arthur, J Kinsella, B Shelley  
      Presenter’s affiliation: Golden Jubilee National Hospital, Department of Anaesthesia, Clydebank, UK

PP39  Survival after prolonged ICU stay in patients undertaken surgical resection of oesophageal squamous cell carcinoma  
      Sebastian Roed Rasmussen, RV Nielsen, M Siemsen, A-S Fenger, HB Ravn  
      Presenter’s affiliation: Rigshospitalet, Department of Cardiothoracic Anaesthesiology, Copenhagen, Denmark

PP40  Oral levothyroxine in the management of sick euthyroid syndrome after child open heart surgery  
      Behzad Maghsoudi, A Rastegarian, MB Khosravi, S Azemati, S Khademi, HR Tabatabaie, K Aflaki, B Ghasemzadeh  
      Presenter’s affiliation: Shiraz University of Medical Sciences, Shiraz University of Medical Sciences, Department of Anaesthesia and Intensive Care, Shiraz, Fars, Iran

09:00 - 10:20 Salon 1

208  EACTA Masterclass Workshop*  

Transfusion and haemostasis  
Workshop Directors: Christa Boer, VU University Medical Center, Institute for Cardiovascular Research, Amsterdam, The Netherlands & Christian von Heymann, Vivantes Clinic in Friedrichshain, Department of Anaesthesia & Intensive Care Medicine, Berlin, Germany

09:00 - 09:20  
Introduction by course instructors, optional: pre-course examination  
      Christian von Heymann  
      Vivantes Clinic in Friedrichshain, Department of Anaesthesia & Intensive Care Medicine, Berlin, Germany

09:20 - 09:40  
Pathophysiology of coagulation in cardiac surgery  
      Christa Boer  
      VU University Medical Center, Institute for Cardiovascular Research, Amsterdam, The Netherlands

*Subject to additional fee
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| 09:40 - 10:00 | Monitoring coagulation and platelet function during cardiac surgery  
|         | *Marcus Lancé*                                                          |
|         | Maastricht University Medical Center, Department of Anaesthesia and Pain Treatment, Maastricht, The Netherlands |
| 10:00 - 10:20 | Pathophysiology and monitoring of coagulopathy in children with congenital heart defects  
|         | *Brigitta Romlin*                                                       |
|         | Queen Silvia’s Children Hospital, Department of Paediatric Anaesthesia and Intensive Care, Gothenburg, Sweden |
| 10:20 - 10:35 | Coffee Break                                                          |

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<td>08:30 - 10:30</td>
<td>Salon 2-3</td>
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<td>08:30 - 10:00</td>
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<td>09:00 - 12:00</td>
<td>Deutsches Herzzentrum Berlin</td>
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<td>09:00 - 12:00</td>
<td>CPB Simulation Course</td>
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<td>10:30 - 11:00</td>
<td>Poster &amp; Exhibition Lounges</td>
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*Subject to additional fee
11:00 - 13:00 Hall Berlin

210 Plenary Session

**Fluids and haemodynamics - any news?**

*Chairs: Vera von Dossow, Munich, Germany & Michael Sander, Giessen, Germany*

11:00 - 11:20 PL35 Fluids in cardiac and vascular surgery - crystalloids, starches, gelatine, or albumin?

*Andrew Shaw*

Vanderbilt University Medical Center; Department of Anaesthesiology, Nashville, TN, USA

11:20 - 11:40 PL36 How do I treat right heart failure?

*Andre Denault*

Centre Hospitalier de l’Université de Montréal, Montreal Heart Institute, Montreal, Canada

11:40 - 12:00 PL37 Monitoring oxygen delivery and consumption - \( \text{SvO}_2 \), \( \text{ScvO}_2 \), or NIRS?

*Michael Sander*

University of Giessen, Department of Anaesthesiology and Intensive Care Medicine, Giessen, Germany

12:00 - 12:20 PL38 EACTA survey on fluid management

*Volodymyr Protsyk*

University of Leipzig, Heart Center Leipzig, Department of Anaesthesiology and Intensive Care Medicine II, Leipzig, Germany

12:20 - 12:40 PL39 C4-Theme: Goal-directed therapy - evidence based or wishful thinking?

*Matthias Heringlake*

University of Lübeck, Department of Anaesthesiology and Intensive Care Medicine, Lübeck, Germany

12:40 - 13:00 Plenary Discussion

11:00 - 13:00 Salon 7

211 Plenary Session

**CPB Panel**

*Chairs: Gudrun Kunst, London, UK & Waldemar Gozdzdik, Wroczaw, Poland*

11:00 - 11:20 PL40 Goal directed perfusion during cardiopulmonary bypass, latest technologies and advances

*Filip de Somer*

University of Ghent, Department of Surgery, Ghent, Belgium
211  Plenary Session (cont.)
11:20 - 11:40  PL41  Pre-operative anaemia - consequences for oxygen supply during cardiopulmonary bypass?
Andrew Klein
Papworth Hospital NHS Foundation Trust, Department of Cardiothoracic Anaesthesia and Intensive Care, Cambridge, UK

11:40 - 12:00  PL42  Cardiopulmonary bypass and microcirculation
Can Ince
Erasmus Medical Center Rotterdam, Department of Intensive Care, Rotterdam, The Netherlands

12:00 - 12:20  PL43  C4 - Theme: The role of cardioplegia solutions for outcome from CPB and cardiac surgery
Martin Misfeld
HELIOS Clinic HELIOS Heart Center Leipzig, Clinic for Heart Surgery, Leipzig, Germany

12:20 - 13:00  Plenary Discussion

11:00 - 12:15 Salon 16-17
212  Oral Presentations
Chairs: Chiro Mukherjee, Karlsruhe, Germany & Patrick Wouters, Ghent, Belgium

11:00 - 11:12  OP40  Pain locations in the postoperative period after cardiac surgery: chronology of pain and response to treatment
Purificación Matute-Jiménez, J Roca-Obrador, R Valero-Castell, C Gomar-Sancho
Presenter’s affiliation: Hospital Clinic, University of Barcelona, Department of Anaesthesia, Barcelona, Spain

11:12 - 11:24  OP41  The Crossed Leaflets Sign: stressing the importance of the posterior mitral leaflet in hypertrophic cardiomyopathy
Shvetank Agarwal, A Nagabandi, S Javaheri
Presenter’s affiliation: Medical College of Georgia at Augusta University, Department of Anaesthesiology and Perioperative Medicine, Augusta, GA, USA

11:24 - 11:36  OP42  Tracing and animating to help define the dynamics of the tricuspid - and mitral valve annulus
Alexander Woltersom, R Matyal, F Mahmood
Presenter’s affiliation: Valve Research Group, Beth Israel Deaconess Medical Center, Boston, MA, USA
**Oral Presentations (cont.)**

**11:36 - 11:48 OP43** Clinical and echocardiographic predictors for postoperative recovery in children undergoing tetralogy of fallot surgery

_Suruchi Ladha, N Makhija, S Das, A Jha, S Gupta, U Kiran_

Presenter’s affiliation: All India Institute of Medical Sciences, Department of Cardiac Anaesthesia, Ansari Nagar, New Delhi, India

**11:48 - 12:00 OP44** Cerebral oximetry in reducing postoperative morbidity in high-risk cardiac surgery

_Vladimir V Lomivorotov, P Perovskiy, E Fominskiy, D Ponomarev, V Shmyrev, I Kornilov, VN Lomivorotov_

Presenter’s affiliation: Research Institute of Circulation Pathology, Department of Anaesthesiology and Intensive Care, Novosibirsk, Russian Federation

**12:00 - 12:15 OP45** Blunting effect of dexamethasone on postoperative IL-6 level is associated with IL6 genotypes

_Maciej Kowalik, R Lango, M Chmara, K Lewandowski, M Brzeziński, B Wasąg, D Jagielak, J Rogowski_

Presenter’s affiliation: Medical University of Gdańsk, Department of Cardiac Anaesthesiology, Gdańsk, Poland

**11:00 - 13:00 Poster & Exhibition Lounges**

**PS05 Poster Session**

_Chairs: Stefan Bouchez, Ghent, Belgium & Gianluca Paternoster, Potenza, Italy_

**PP41** Does the end-tidal concentration of inhalational anaesthetics accurately estimate blood concentration during one-lung ventilation?

_Elizabeth Page, P Alston_

Presenter’s affiliation: University of Edinburgh, College of Medicine & Veterinary Medicine, Edinburgh, UK

**PP42** Microbiological culture and 16-S polymerase chain reaction analyses of bronchoalveolar lavage samples to identify airway colonisation before lung resection surgery.

_Sam Howitt, I Hassan, E Fontaine, I Malagon_

Presenter’s affiliation: University of Manchester, Manchester, UK

**PP43** Comparison of intraoperative fluid and vasopressor use between open and minimally-invasive esophagectomy and its impact on incidence of anastomotic leak

_Alexandra Lewis, D Desiderio, K Walsh, KST, A Pedoto, H Zhang, D Amar_

Presenter’s affiliation: Memorial Sloan Kettering Cancer Center, Department of Anaesthesiology and Critical Care, New York, NY, USA
Does preoperative oral carbohydrate intake improve postoperative outcomes in patients undergoing coronary artery bypass graft?

Omer Faruk Savluk, F Guzelmeric, MA Kuscu, E Gurcu, H Ogus, D Cevirme, T Kocak
Presenter’s affiliation: Kartal Kosuyolu High Education and Training Hospital, Department of Anaesthesiology and Reanimation, Istanbul, Turkey

Octogenarian - growing population in cardiac surgery

Zdenko Povšić-Ćevra, V Juranko, Z Baudoin, M Novkoski, D Predrijevac Prajdić, K Tomulić Brusich, S Sakan
Presenter’s affiliation: Magdalena Special Hospital for Cardiovascular Surgery and Cardiology, Department of Anaesthesiology and Intensive Care, Krapinske Toplice, Croatia

One lung ventilation in atrial fibrillation ablation surgery

Camilla L’Acqua, N Rondello, M Nafi, L Salvi
Presenter’s affiliation: IRCCS Centro Cardiologico Monzino, Department of Anaesthesia and Intensive Care Unit, Milan, Italy

Outcomes of TAVI in a Portuguese center

Ana Martins, ML Castro
Presenter’s affiliation: Centro Hospitalar de Lisboa Central, Department of Anaesthesiology, Lisbon, Portugal

Acute kidney injury (AKI) as predictor of mortality in patients after percutaneous transcatheter aortic valve implantation (TAVI)

Ana Martins, ML Castro
Presenter’s affiliation: Centro Hospitalar de Lisboa Central, Department of Anaesthesiology, Lisbon, Portugal

Central and peripheral measurements of venous oxygen saturation and lactate in cardiac surgical patients

Raphaelle Chemtob, H Møller-Sørensen, H Berg Ravn
Presenter’s affiliation: Rigshospitalet, Heart Center, Department of Cardiothoracic Anaesthesiology, Copenhagen, Denmark

Management of unusual complications of atrial septal defect device - a case series

Kumar Subbaiyan, K Balamurugan, AR Raghuram, RM Krishnan, M Rajan, D Manoharan
Presenter’s affiliation: Meenakshi Mission Hospital and Research Centre, Department of Cardiac Anaesthesiology, Madurai, Tamilnadu, India
## THURSDAY, 20 APRIL 2017

**10:35 - 13:00 Salon 1**

### 208 EACTA Masterclass Workshop*  
**Transfusion and haemostasis**

*Workshop Directors: Christa Boer, VU University Medical Center, Institute for Cardiovascular Research, Amsterdam, The Netherlands & Christian von Heymann, Vivantes Clinic in Friedrichshain, Department of Anaesthesia & Intensive Care Medicine, Berlin, Germany*

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<tr>
<td>10:35 - 10:55</td>
<td>Anticoagulation during ECMO</td>
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<td><strong>Blanca Martinez Lopez de Arroyabe</strong></td>
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<td>Azienda Ospedaliero-Universitaria “Santa Maria della Misericordia”, Department of Anaesthesiology and Intensive Care, Udine, Italy</td>
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<td>10:55 - 11:15</td>
<td>Risk factors and treatment of bleeding after cardiac surgery</td>
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<td><strong>Gabor Erdős</strong></td>
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<td>University Hospital Bern, Department of Anaesthesiology and Pain Medicine, Bern, Switzerland</td>
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<td>11:15 - 11:35</td>
<td>Goal directed haemostatic protocol for the bleeding cardiac surgery patient</td>
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<td><strong>Daniel Bolliger</strong></td>
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<td>University Hospital Basel, Department of Anaesthesia &amp; Surgical Intensive Care, Basel, Switzerland</td>
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| **11:35 - 11:50** | Poster & Exhibition Lounges  
**Coffee Break** |
| 11:50 - 12:10 | Update on the management of HIT II in cardiac surgery |
|              | **Andreas Koster**                          |
|              | Heart and Diabetes Center NRW, Institute of Anaesthesiology, Bad Oeynhausen, Germany |
| 12:10 - 12:30 | How to manage coagulation and thromboprophylaxis after cardiac surgery |
|              | **Erik Ortmann**                            |
|              | Kerckhoff Clinic, Centre for Heart, Lung and Rheumatic Diseases, Bad Nauheim, Germany |
| 12:30 - 12:50 | Management of anaemia and red blood cell transfusion in cardiac surgery |
|              | **Christian von Heymann**                   |
|              | Vivantes Clinic in Friedrichshain, Department of Anaesthesia & Intensive Care Medicine, Berlin, Germany |
| 12:50 - 13:00 | Closing remarks, feedback, optional post course examination |
|              | **All contributors**                        |

*Subject to additional fee*
Optimizing MitraClip anaesthesia

Speakers: Ralph S von Bardeleben, Johannes Gutenberg-University, Department of Medicine II, Mainz, Germany & Jörg Ender, University of Leipzig, Heart Center Leipzig, Department of Anaesthesiology and Intensive Care Medicine II, Leipzig, Germany & Magnus Settergren, Karolinska University Hospital, Department of Cardiology, Stockholm, Sweden

Objective:
Integrate anaesthesiologist in heart team
Share best clinical practice in MC anaesthesia
Reduce variation in clinical practice
Explore alternatives to GA

Target audience: Anaesthesiologists

10:30 - 11:00 Salon 2-3
213 Special issues in thoracic anaesthesia

Chairs: Maria Carmen Unzueta, Barcelona, Spain & Waheedullah Karzai, Bad Berka, Germany

10:30 - 11:00 Jet ventilation: anaesthesia and ventilation for interventional bronchoscopy
Waheedullah Karzai
Central Clinic of Bad Berka, Department of Anaesthesia, Intensive Care and Emergency Medicine, Bad Berka, Germany

11:00 - 11:30 Anaesthetic management of tracheal resection
Laszlo Szeged
Brussels University Hospital, Department of Anaesthesiology, Brussels, Belgium

11:30 - 13:00 Salon 2-3
214 Problem Based Learning Discussion (PBLD)

Chairs: Maria-José Jiménez, Barcelona, Spain & Waheedullah Karzai, Bad Berka, Germany

11:30 - 12:15 Pleural empyema: airway and anaesthetic management
Mohamed R El Tahan
King Fahd Hospital, University of Dammam, Department of Cardiothoracic Anaesthesiology, Al Khobar, Saudi Arabia

12:15 - 13:00 Lung resection in anticoagulated patients
Johann Bence
University Hospitals of Leicester NHS Trust, Department of Anaesthesia and Intensive Care, Leicester, UK
13:00 - 14:30 Poster & Exhibition Lounges  
Lunch Break, Poster & Exhibition Viewing

13:00 - 14:30 Hall Berlin  
EACTA General Assembly

13:30 - 14:30 Salon 7
IS03 Industrial Symposium

13:30 - 14:30 Salon 16-17
IS04 Industrial Symposium

13:00 - 16:00 Deutsches Herzzentrum Berlin  
C04 Course*  
ECMO & VAD Simulation Course  
Course Director: Frank Merkle, German Heart Centre, Academy for Perfusion, Berlin, Germany

14:30 - 16:00 Hall Berlin  
215 Plenary Session  
EACTS/EACTA Joint Session - Organ protection in cardiac surgery - a multidisciplinary task?  
Chairs: Bodil Steen Rasmussen, Aalborg, Denmark & Chair (TBC)

14:30 - 14:50 PL44 Myocardial protection  
Gudrun Kunst  
King’s College Hospital NHS Foundation Trust, Department of Anaesthetics and Pain Therapy, London, UK

14:50 - 15:10 PL45 Neuroprotection  
Joseph E Arrowsmith  
Papworth Hospital, Department of Anaesthesia and Intensive Care, Cambridge, UK

15:10 - 15:30 PL46 Nephroprotection  
Filip de Somer  
University of Ghent, Department of Surgery, Ghent, Belgium

*Subject to additional fee
215   Plenary Session (cont.)
15:30 - 15:50  PL47  C4 - Theme: Intraoperative organ protection is helpful, but pre- and intraoperative optimization is even more useful!
   Manfred Seeberger
   Klinik Hirslanden, Institute of Anaesthesia and Intensive Care Medicine, Zurich, Switzerland

15:50 - 16:00  Plenary Discussion

14:30 - 16:00  Salon 7
216   Plenary Session

   Atrial fibrillation
   Chairs: Isabelle Michaux, Yvoir, Belgium & Peter Alston, Edinburgh, UK

14:30 - 14:50  PL48  Can we prevent it?
   Vladimir Lomivorotov
   Research Institute of Circulation Pathology, Department of Anaesthesiology and Intensive Care, Novosibirsk, Russian Federation

14:50 - 15:10  PL49  How should we treat it?
   Isabelle Michaux
   Catholic University of Louvain, Department of Intensive Care Medicine, Yvoir, Belgium

15:10 - 15:30  PL50  When shall we start and stop anticoagulation?
   Seema Agarwal
   Liverpool Heart and Chest Hospital, Department of Anaesthesiology, Liverpool, UK

15:30 - 15:50  PL51  C4 - Theme: Surgical treatment of atrial fibrillation - concepts, management, and results
   Volkmar Falk
   German Heart Institute, Charité University Medicine Berlin, Department of Cardiothoracic and Vascular Surgery, Berlin, Germany

14:30 - 14:50  Plenary Discussion

14:30 - 16:00  Poster & Exhibition Lounges
PS06  Poster Session
   Chairs: Thomas Scheeren, Groningen, The Netherlands & Matthias Müller, Gießen, Germany

PP51  Activated recombinant factor VII in massive bleeding after cardiac surgery: case series
   Victoria Baños Lapuente, J Miralles Bagán, T Koller, M Argilaga Nogués, P Paniagua Iglesias, J Galán Serrano
   Presenter’s affiliation: Hospital de Sant Pau, Department of Anaesthesiology, Barcelona, Spain
PS06 Poster Session (cont.)

PP52 Tissue rSO2 management during cardiopulmonary bypass and ECMO
   Anna Semenova, D Bombin, V Agapov, M Kostrykin, M Shigaev
   Presenter’s affiliation: Saratov State Medical University, Cardiology Center, Saratov, Russian Federation

PP53 Heparin allergy management, no right or wrong decision in cardiac surgery yet
   Presenter’s affiliation: Hospital Sant Pau, Department of Anaesthesiology, Barcelona, Spain

PP54 Role of local hyperfibrinolysis in the postoperative blood loss after open-heart surgery with cardiopulmonary bypass
   Sergey Kolbintsev, O Dimova, T Zjuljaeva, A Javorovskiy
   Presenter’s affiliation: I.M. Sechenov First Moscow State Medical University, Department of Anaesthesiology, Moscow, Russian Federation

PP55 Suspected retrograde aortic dissection during minimally invasive mitral valve repair: a case report
   Frank Schneider, R Smith, S Heijke, J Swanevelder
   Presenter’s affiliation: Groote Schuur Hospital, University of Cape Town, Department of Anaesthesia, Cape Town, South Africa

PP56 Psychosocial risk factors in cardiac surgery influencing adverse outcome
   Nikoletta Rahel Czobor, E Holndonner-Kirst, DJ Lex, R Hrabcsek, B Merkely, J Gal, A Szekely
   Presenter’s affiliation: Semmelweis University, Department of Anaesthesia and Intensive Care, Budapest, Hungary

PP57 Non severe post operative bleeding in cardiac surgery: towards an optimized definition
   Emmanuelle Aubry, M Saour, N Zéroual, G Samarani, G Culas, P Coslon
   Presenter’s affiliation: Arnaud de Villeneuve University Hospital, Cardiothoracic Intensive Care Unit, Montpellier, France

PP58 Prothrombin complex concentrate (PCC) does not restore clotting time after extrinsic activation by ROTEM reactants in a extreme hemodilution model
   Tobias Koller, N Kinast, S Pérez, A Guilarte, V Moral
   Presenter’s affiliation: Hospital de la Santa Creu i Sant Pau, Department of Anaesthesiology, Barcelona, Spain
PS06  Poster Session (cont.)
PP59  Early recovery of endogenous fibrinogen after cardiac surgery
  *Gabor Erdös, W Dietrich, M Stucki, TM Merz, A Angelillo-Scherrer, M Nagler, T Carrel, B Eberle*
  Presenter’s affiliation: University Hospital Bern, Department of Anaesthesiology and Pain Medicine, Bern, Switzerland

PP60  The use of desmopressin (DDAVP) as haemostatic agent in patients undergoing coronary artery bypass grafting (CABG) surgery
  *Emmanouil Spyridakis, N Pentilas, G Retzios, E Pappa, S Kalakonas*
  Presenter’s affiliation: Hygeia General Hospital of Athens, Department of Anaesthesia, Athens, Greece

14:00 - 16:00 Salon I
208  Hands-on Course*
Point of care coagulation
  *Workshop Director: Christian von Heymann, Vivantes Clinic in Friedrichshain, Department of Anaesthesia & Intensive Care Medicine, Berlin, Germany*

ROTEM
  *Daniel Bolliger*
  University Hospital Basel, Department of Anaesthesia & Surgical Intensive Care, Basel, Switzerland

Multiplate/verify now
  *Marcus Lancé*
  Maastricht University Medical Center, Department of Anaesthesia and Pain Treatment, Maastricht, The Netherlands

TEG
  *Marco Ranucci*
  IRCCS Policlinico San Donato, Department of Cardiothoracic & Vascular Anaesthesia and Intensive Care, Milan, Italy

14:00 - 16:00
  *HepCon*
  *Gabor Erdös*
  University Hospital Bern, Department of Anaesthesiology and Pain Medicine, Bern, Switzerland

13:30 - 15:30 Salon 12-13
IW  Industry Workshop Part II
  *Mitraclip Workshop*

16:00 - 16:30 Poster & Exhibition Lounges
  *Coffee Break, Poster & Exhibition Viewing*

*Subject to additional fee
THURSDAY, 20 APRIL 2017

16:30 - 17:15 Hall Berlin
217 Plenary Debate
   Optimal temperature for major thoracic vascular surgery
   Chairs: Martin Dworschak, Vienna, Austria & Andrew Klein, Cambridge, UK
   16:30 - 16:45 PL52 The colder the better
   George Silvay
   Mount Sinai Hospital, Department of Anaesthesiology, New York, NY, USA
   16:45 - 17:00 PL52 Moderate hypothermia with selective perfusion is state-of-the-art
   Friedrich Eckstein
   University Hospital Basel, Department of Cardiac Surgery, Basel, Switzerland
   17:00 - 17:15 Plenary Discussion

17:15 - 18:00 Hall Berlin
218 Plenary Debate
   Nitric oxide is the optimal inhaled pulmonary vasodilator
   Chairs: Manfred Seeberger, Zurich, Switzerland & Philippe Gaudard, Montpellier, France
   17:15 - 17:30 PL53 Pro
   Nandor Marczin
   Imperial College London, Department of Anaesthetics, London, UK
   17:30 - 17:45 PL53 Con
   Sascha Treskatsch
   Charité - University School of Medicine, Department of Anaesthesiology and Operative Intensive Care, Berlin, Germany
   17:45 - 18:00 Plenary Discussion

16:30 - 18:00 Salon 7
219 Plenary Session
   Nosocomial infections
   Chairs: Peter MJ Rosseel, Breda, The Netherlands & Gianluca Paternoster, Potenza, Italy
   16:30 - 16:50 PL54 VAP with multidrug resistant pathogens
   Rosalba Spiritoso
   St George's University Hospitals NHS Foundation Trust, Department of Anaesthesia and Intensive Care, London, UK
219  Plenary Session (cont.)
16:50 - 17:10  PL55  Catheter and foreign body related infections  
Peter MJ Rosseel  
Amphia Hospital Breda, Department of Anaesthesia and Intensive Care, Breda, The Netherlands

17:10 - 17:30  PL56  Postoperative mediastinitis  
Gianluca Paternoster  
Azienda Ospedaliera Regionale S. Carlo, Department of Anaesthesia and Critical Care Medicine, Potenza, Italy

17:30 - 17:50  PL57  Theme C4: Preoperative screening and treatment for prevention of nosocomial infections?  
Michael Hiesmayr  
Vienna General Hospital, Division of Cardiac, Thoracic, Vascular Anaesthesia and Intensive Care, Vienna, Austria

17:50 - 18:00  Plenary Discussion

16:00 - 18:00  Salon 12-13
IW  Industry Workshop Part III  
Optimizing MitraClip anaesthesia

19:30 -24.00  Congress Dinner
07:30 - 08:30 | Salon 1
301 | Breakfast Panel Discussion
Chair: Andreas Koster, Bad Oeynhausen, Germany

07:30 - 08:30
Management of grown-up congenital heart disease patients
Mona Momeni
Cliniques Universitaires Saint Luc, Brusells, Belgium

08:30 - 10:00 | Hall Berlin
302 | Plenary Session
Echocardiography in CTV surgery
Chairs: Joachim Erb, Basel, Switzerland & Chirojit Mukherjee, Karlsruhe, Germany

08:30 - 08:50 | PL58
Preoperative echocardiography - a task for the anaesthesiologist?
Justiaan Swanevelder
University of Cape Town, Department of Anaesthesia, Cape Town, South Africa

08:50 - 09:10 | PL59
Focused echocardiography for preoperative assessment?
Joachim Erb
University Hospital Basel, Department of Anaesthesia, Basel, Switzerland

09:10 - 09:30 | PL60
Echo-guided hemodynamic management in the intensive care?
Miodrag Filipovic
Kantonsspital St. Gallen, Klinik für Anästhesiologie, Intensiv-, Rettungs- und Schmerz, St Gallen, Switzerland

09:30 - 09:50 | PL61
C4 - Theme: Echo changes the surgical plan and treatment — does it improve outcome?
Manfred Seeberger
Klinik Hirslanden, Institute of Anaesthesia and Intensive Care Medicine, Zürich, Switzerland

09:50 - 10:00 | Plenary Discussion

08:30 - 10:00 | Salon 7
303 | Plenary Session
Transfusion in paediatric cardiac anaesthesia
Chairs: Steffen Rex, Leuven, Belgium & Matthias Redlin, Berlin, Germany

08:30 - 08:50 | PL62
Transfusion in pediatric cardiac surgery: do we have useful triggers?
Matthias Müller
Justus-Liebig-University of Gießen, Department of Paediatric Anaesthesia, Gießen, Germany
303  Plenary Session (cont.)
08:50 - 09:10  PL63  Predictors, pathophysiology, and long-term follow up of thrombosis in children with CHD
  Birgitta Romlin
  Queen Silvia’s Children Hospital, Department of Paediatric Anaesthesia and Intensive Care, Göteborg, Sweden

09:10 - 09:30  PL64  Cyanotic congenitals and grown up congenitals: do they bleed more?
  Gabor Erdös
  University Hospital Bern, Department of Anaesthesiology and Pain Medicine, Bern, Switzerland

09:30 - 09:50  PL65  C4 - Theme: Strategies to reduce transfusions in pediatric cardiac surgery
  Matthias Redlin
  German Heart Institute, Department of Anaesthesiology, Berlin, Germany

09:50 - 10:00  Plenary Discussion

08:30 - 10:30 Salon 16-17
304  Best Abstract Presentations Part I
  Chairs: Jörg Ender, Leipzig, Germany & Donna Greenhalgh, Manchester, UK

08:30 - 08:42  OP46  Can foreign trainees be distractive in terms of communication during cardiac surgery?
  Keiko Okuyama, SA Ariffn, M Nomura
  Presenter’s affiliation: Tokyo Women’s Medical University, Department of Anaesthesiology, Tokyo, Japan

08:42 - 08:54  OP47  Cardiac anaesthesia risk evaluation score (Care Score) versus EuroSCORE II. Mortality and morbidity analysis in Spanish cardiac surgery population
  Manuel Bertomeu-Cornejo, A Hernandez-Fernandez, A Alvarez, JM Borrego-Dominguez
  Presenter’s affiliation: Virgen del Rocio Hospital, Department of Anaesthesia, Seville, Andalusia, Spain

08:54 - 09:06  OP48  Low cardiac output syndrome after adult cardiac surgery: predictive value of peak systolic global longitudinal strain
  Philippe Amabili, I Noirot, L Roediger, M Senard, B Hubert, A-F Donneau, J-F Brichant, G Hans
  Presenter’s affiliation: CHU of Liege, Department of Anaesthesia and Intensive Care Medicine, Liege, Belgium

09:06 - 09:18  OP49  Time to central venous catheter imaging on the Cardiothoracic Intensive Care Unit (CICU)
  Rabiya Farrukh, A Spong, N Soneji, DL Braham
  Presenter’s affiliation: Imperial College Healthcare NHS Trust, Department of Anaesthetics, London, UK
09:18 - 09:30  OP50  Changes of serum creatinine in the early postoperative period and prognosis prediction of patients after cardiac surgery

Martin Bernardi, R Ristl, T Neugebauer, M Hiesmayr, A Lassnigg
Presenter’s affiliation: Medical University of Vienna, Department of Cardiothoracic and Vascular Anaesthesia and Intensive Care Medicine, Vienna, Austria

09:30 - 09:42  OP51  Non-invasive indices of right ventricular afterload following lung resection

Adam Glass, P McCall, A Arthur, J Kinsella, B Shelley
Presenter’s affiliation: Golden Jubilee National Hospital, Department of Anaesthesia, Clydebank, UK

09:42 - 09:54  OP52  Respiratory complications after lung resection: risk prediction model

Maria-José Yepes-Temiño, M Lillo, P Monedero, JR Perez Valdivieso
Presenter’s affiliation: Clinica Universidad de Navarra, Department of Anaesthesiology and Intensive Care Unit, Pamplona, Navarra, Spain

09:54 - 10:06  OP53  Evaluation of simulator training on transoesophageal echocardiography performance in anaesthesia residents

Ulrike Weber, B Zapletal, E Base, M Hambrusch, B Mora
Presenter’s affiliation: Medical University of Vienna, Department of Anaesthesiology, General Intensive Care and Pain Medicine, Vienna, Austria

10:06 - 10:18  OP54  A case of left atrial dissection after mitral valve replacement

Dheeraj Arora, M Mishra, Y Mehta, N Trehan
Presenter’s affiliation: Medanta The Medicity, Institute of Critical Care & Anaesthesiology, New Delhi, India

10:18 - 10:30  OP55  Intraoperative red blood cell transfusion trigger in double lung transplantation: The higher the better?

Johannes Menger, S Koch, P Jaksch, M Dworschak
Presenter’s affiliation: Medical University of Vienna, Department of Anaesthesia, Critical Care and Pain Medicine, Vienna, Austria

08:30 - 10:00  Salon 1

305  Masterclass Workshop*

Perfusion Master Class Part I

Workshop Directors: Gudrun Kunst, King’s College Hospital NHS Foundation Trust, Department of Anaesthetics and Pain Therapy, London, UK & Anne Grønborg Vedel, Copenhagen University Hospital (Rigshospitalet), Department of Cardiothoracic Anaesthesiology, Copenhagen, Denmark

*Subject to additional fee
FRIDAY, 21 APRIL 2017

305  Masterclass Workshop (cont.) *
08:30 - 09:00  Introduction and background of cardiopulmonary bypass
  Gudrun Kunst
  King’s College Hospital NHS Foundation Trust, Department of Anaesthetics and Pain Therapy, London, UK

09:00 - 09:30  Cardiopulmonary bypass for anaesthetists - what is important to optimise oxygen supply to all organs during bypass
  Marco Ranucci
  IRCCS Policlinico San Donato, Department of Cardiothoracic and Vascular Anaesthesia and Intensive Care, Milan, Italy

09:30 - 10:00  Mini cardiopulmonary bypass - concept and practical application
  Adrian Bauer
  MediClin Heart Centre Coswig, Department of Cardiovascular Perfusion, Coswig, Germany

10:00 - 10:30  IABP - is there still a place for it in cardiac surgery?
  Giovanni Landoni
  San Raffaele University Hospital, Department of Anaesthesia and Intensive Care, Milan, Italy

08:30 - 09:00 Salon 2-3
306  Hands-on Workshop*

Part I - Thoracic anaesthesia - Short Introduction
  Workshop Director: Waheedullah Karzai, Central Clinic of Bad Berka, Department of Anaesthesia, Intensive Care and Emergency Medicine, Bad Berka, Germany

08:30 - 08:40  Lung isolation or lung separation?
  Waheedullah Karzai,
  Central Clinic of Bad Berka, Department of Anaesthesia, Intensive Care and Emergency Medicine, Bad Berka, Germany

08:40 - 08:50  Double-lumen tubes
  Laszlo Szegedi
  Brussels University Hospital, Department of Anaesthesiology, Brussels, Belgium

08:50 - 09:00  Bronchial blockers
  Jo Mourisse
  Radboud University Medical Centre, Department of Anaesthesiology, Nijmegen, The Netherlands

Thoracic anaesthesia
  Workshop Director: Waheedullah Karzai, Central Clinic of Bad Berka, Department of Anaesthesia, Intensive Care and Emergency Medicine, Bad Berka, Germany

*Subject to additional fee
Hands-on Workshop (cont.) – Demonstrations

DLT left

Mohamed R El Tahan
King Fahd Hospital, University of Dammam, Department of Cardiothoracic Anaesthesiology, Al Khobar, Saudi Arabia &

Federico Piccioni
Fondazione IRCCS Istituto Nazionale dei Tumori, Department of Anaesthesia and Intensive Care, Milan, Italy

DLT right

Waheedullah Karzai
Central Clinic of Bad Berka, Department of Anaesthesia, Intensive Care and Emergency Medicine, Bad Berka, Germany &

Johann Bence
University Hospitals of Leicester NHS Trust, Department of Anaesthesia and Intensive Care, Leicester, UK

Bronchial blocker 1

Jo Mourisse
Radboud University Medical Centre, Department of Anaesthesiology, Nijmegen, The Netherlands &

Laszlo Szegedi
Brussels University Hospital, Department of Anaesthesiology, Brussels, Belgium

Bronchial blocker 2

Tamás Vegh
University of Debrecen, Department of Anaesthesiology and Intensive Care, Debrecen, Hungary &

Nandor Marczin
Imperial College London, Department of Anaesthetics, London, UK

Epidural catheterization

Manuel Vicente Granell Gil
Consorcio General Hospital, Universitary of Valencia, Department of Anaesthesiology, Critical Care and Pain Management, Valencia, Spain &

Caroline Vanpeteghem
Ghent University Hospital, Department of Anaesthesiology and Perioperative Medicine, Ghent, Belgium

Paravertebral block

Maria Carmen Unzueta
Hospital Sant Pau, Department of Anaesthesiology and Intensive Care, Barcelona, Spain &

Maria-José Jiménez
Hospital Clinic, Department of Anaesthesiology, Barcelona, Spain
FRIDAY, 21 APRIL 2017

08:00 - 11:00  Deutsches Herzzentrum Berlin

C05           Course*

CPB Simulation Course
Course Director: Frank Merkle
German Heart Centre, Berlin, Germany

10:30 - 11:00  Poster & Exhibition Lounges
Coffee Break, Exhibition Viewing

11:00 - 13:00  Hall Berlin

304           Best Abstract Presentations Part II

Chairs: Jörg Ender, Leipzig, Germany & Donna Greenhalgh, Manchester, UK

11:00 - 11:12  OP56  Assessment of image quality of repeated focused transthoracic echocardiography after cardiac surgery
David Canty, J Heiberg, J Tan, Y Yang, A Royse, C Royse, D El-Ansary, A Mobeirek, F El Shaer, H AlBackr, R Nazer, M Fouda, B Bakir, A Alsaddique
Presenter’s affiliation: University of Melbourne, Department of Surgery, Parkville, Melbourne, VIC, Australia

11:12 - 11:24  OP57  3D right ventricular global longitudinal strain correlates with mortality after cardiac surgery
Martina Nowak-Machen, H Alabbasi, W Al-matari, C Schlensak, P Rosenberger, H Magunia
Presenter’s affiliation: University Hospital of Tübingen, Department of Anaesthesiology and Intensive Care Medicine, Tübingen, Germany

11:24 - 11:36  OP58  Incidence of ARDS following cardiac surgery: comparison between American-European Consensus Conference Definition and Berlin Definition
Alexander Kogan, M Segel, S Levin, L Sternik, E Raanani
Presenter’s affiliation: Sheba Medical Center, Department of Cardiac Surgery, Ramat Gan, Israel

11:36 - 11:48  OP59  Pre-operative frailty scores as markers for assessing disability-free survival in cardiac surgery?
Joshua Lucas de Carvalho, L Kwanten, R McNulty, W Du, J Berti, S Ayis, G Kunst
Presenter’s affiliation: King’s College Hospital, Department of Anaesthetics, London, UK

*Subject to additional fee
11:48 - 12:00  OP60  Optimisation of pre-operative haemoglobin in patients undergoing elective cardiac surgery
Nikhail Balani, G Hallward, S McCorkell, J Roxburgh, N Blunt, R Kesse-Adu, M Ghosh-Dastidar, K Duncombe, A Bott, A O’Sullivan, D Radia, S Robinson
Presenter’s affiliation: Guy’s and St Thomas’ Hospitals NHS Trust, Department of Cardiac Anaesthesia, London, UK

12:00 - 12:12  OP61  Metabolic acidosis after heart surgery and intraoperative red cell salvage
Maithili Mehta, P Alston
Presenter’s affiliation: University of Edinburgh, College of Medicine & Veterinary Medicine, Edinburgh, UK

12:12 - 12:24  OP62  The preconditioning properties of Sevoflurane seems not superior to TIVA – a cohort study of 17,771 patients
Peter B Jensen, C Dalgaard, MS Gissel, C-J Jakobsen
Presenter’s affiliation: Aarhus University Hospital, Department of Anaesthesiology and Intensive Care, Aarhus N, Denmark

12:24 - 12:36  OP63  Post-cardiotomy extra corporeal life support (ECLS) for refractory cardiogenic shock: a 4-year retrospective case-note audit in South Manchester, UK
Michael Charlesworth, A Hernandez, L Feddy, J Barker, S Shaw, J Barnard, RVenkateswaran
Presenter’s affiliation: University Hospital South Manchester; Department of Cardio-thoracic Anaesthesia, Critical Care and ECMO, Manchester, UK

12:36- 12:48  OP64  Continuous ventilation during tracheal dilatation using a novel, non-occlusive tracheal balloon dilator in an ovine model
Ross Hofmeyr, J McGuire, P Marwick, K Park, M Proxenos, M Lehmann, H Weich
Presenter’s affiliation: University of Cape Town, Department of Anaesthesia & Perioperative Medicine, Cape Town, South Africa

12:48 - 13:00  OP65  Continued preoperative antiplatelet treatment increase the risk of bleeding but has no impact on postoperative thromboembolic complications
Therese S Straarup, NE Hjørnet, M Fedosova, C-J Jakobsen
Presenter’s affiliation: Aarhus University Hospital, Department of Anaesthesiology and Intensive Care, Aarhus N, Denmark

11:00 - 13:00  Salon 7
307  Plenary Session
Perioperative management of the vascular patient Part II
Chairs: Dragana Unic-Stojanovic, Belgrade, Serbia & Simon Howell, Leeds, UK
Plenary Session (cont.)

11:00 - 11:20 PL66 Ischaemic preconditioning for vascular surgery
Patrick Meybohm
University Hospital Frankfurt, Department of Anaesthesiology, Intensive Care and Pain Therapy, Frankfurt, Germany

11:20 - 11:40 PL67 Management of very old patients undergoing vascular surgery
Miodrag Filipovic
Kantonsspital St. Gallen, Klinik für Anästhesiologie, Intensiv-, Rettungs- und Schmerz, St Gallen, Switzerland

11:40 - 12:00 PL68 Pain management and prevention of phantom pain
Mona Momeni
Cliniques Universitaires Saint Luc, Brussels, Belgium

12:00 - 12:20 PL69 C4-Theme: Is EVAR a time expired treatment
Vicente Riambau
Hospital Clínic, Department of Vascular Surgery, Barcelona, Spain

12:20 - 12:30 Plenary Discussion

11:00 - 12:30 Salon I

Masterclass Workshop*

Perfusion Master Class Part II
Workshop Directors: Philippe Gaudard, CHU Montpellier, Department of Anaesthesiology and Critical Care Medicine, Montpellier, France & Gudrun Kunst, King’s College Hospital NHS Foundation Trust, Department of Anaesthetics and Pain Therapy, London, UK

11:00 - 11:30 ECMO: background and applications
Kiran Salaunkey
Papworth Hospital, Department of Anaesthesia and Intensive Care, Papworth, Cambridge, UK

11:30 - 12:00 ECMO for cardiovascular support, experience and outcomes from a large trauma centre and large teaching hospital
Georg Auzinger
King’s College Hospital, Department of Intensive Care Medicine, London, UK

12:00 - 12:30 Simulation in perfusion science for anaesthetists and surgeons - a viewpoint from the Academy for Perfusion
Frank Merkle
German Heart Centre Berlin, Academy for Perfusion, Berlin, Germany

12:30 – 13:00 Perioperative renal perfusion and CPB
Marc Vives
University of Barcelona, Bellvitge University Hospital, Department of Anaesthesiology and Critical Care, Barcelona, Spain

*Subject to additional fee
FRIDAY, 21 APRIL 2017

13:00  Hall Berlin
Prize Award Ceremony

13:00 - 16:00  Deutsches Herzzentrum Berlin
C06  Course*
ECMO & VAD Simulation Course
Course Director: Frank Merkle
German Heart Centre, Academy for Perfusion, Berlin, Germany

13:00 - 14:30  Poster & Exhibition Lounges
Lunch Break, Poster & Exhibition Viewing

13:30 - 14:30  Salon 7
IS05  Industrial Symposium

13:30 - 14:30  Salon 16-17
IS06  Industrial Symposium

14:30 - 16:00  Hall Berlin
308  Plenary Session
Lung transplantation consensus recommendation statement
Chairs: Vera von Dossow, Munich, Germany &
Nandor Marczin, London, UK

14:30 - 14:45  PL70  Introduction and organization of task forces
Nandor Marczin
Imperial College London, Department of Anaesthetics, London, UK

14:45 - 15:00  PL71  Inotropic support
Stefan Rex
University Hospitals Leuven, Department of Anaesthesiology, Leuven, Belgium

15:00 - 15:15  PL72  Mechanical support
Vera von Dossow
Ludwig-Maxillilin University, Department of Anaesthesiology, Munich, Germany

15:15 - 15:30  PL73  TEE - assessment
Dominique Bettex
University Hospital Zurich, Department of Anaesthesia, Zurich, Switzerland

15:30 - 15:45  PL74  Ventilatory strategies
Nandor Marczin
Imperial College London, Department of Anaesthetics, London, UK

*Subject to additional fee
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<tr>
<th>Time</th>
<th>Session/Topic</th>
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<tbody>
<tr>
<td>15:45 - 16:00</td>
<td><strong>PL75</strong> Postoperative ICU management [Daniela Pasero] University of Turin, Department of Anaesthesia and Intensive Care Medicine, Turin, Italy</td>
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<td>14:30 - 16:00</td>
<td><strong>309</strong> Problem Based Learning Discussion (PBLD) Role of the anaesthesiologist in preventing catheter related infections [Peter MJ Rosseel] Amphia Hospital Breda, Department of Anaesthesia and Intensive Care, Breda, The Netherlands</td>
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<tr>
<td>14:30 - 16:00</td>
<td><strong>310</strong> Problem Based Learning Discussion (PBLD) Fluid therapy in cardiac surgical patients with chronic kidney disease [Maria Angela Rayek] Medical University of Vienna, Department of Anaesthesiology and General Intensive Care Medicine, Vienna, Austria</td>
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Erworbene Hämophilie A
MIT ZUVERSICHT IN DIE ZUKUNFT!

Eine Therapie mit Zuversicht.

**Rekombinanter Antihämophiliefaktor VIII, porcine Sequenz ohne B-Domäne**

jetzt zugelassen


**ANWENDUNGSGEBIETE:** Behandlung von Blutungsepisoden bei Erwachsenen mit erworbener Hämophilie (Blutungsstörung durch Mangel an Faktor VIII-Aktivität), die durch Antikörper gegen den Faktor VIII verursacht wird.

**GEGENANZEIGEN:** Bekannte allergische oder anaphylaktische Reaktionen gegen den Wirkstoff, Hamsterprotein oder einen der sonstigen Bestandteile.


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Es wurden in der klinischen Studie keine therapieassoziierten thrombotischen Ereignisse berichtet.

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**LITERATUR:**
1. OBIZUR Fachinformation, Stand September 2015.

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INFORMATION TO PRESENTERS

ORAL PRESENTATIONS
The general organisation of the preview room for transferring, changing & previewing of your presentation is done with special staff in the Preview Room. Presentations pertaining to a lecture have to be deposited by the speaker at least 2 hours before commencement of the session. The speaker has to load the presentation onto the server since all files are transferred to the relevant lecture hall via the internal network. Only trained personnel will handle your presentation. No private computers will be allowed to be used for the sessions.

PREVIEW ROOM OPENING HOURS
Wednesday, 19 April:  07.30-18.00
Thursday, 20 April:  07.30-18.00
Friday, 21 April:  07.30-14.30
REGISTRATION AND INFORMATION DESK OPENING HOURS
Wednesday, 19 April: 07:30 – 18:00
Thursday, 20 April: 08:00 – 18:00
Friday, 21 April: 08:00 – 16:00

BADGES
Badges must be worn at all times throughout the entire congress and during social events.

CME CREDITS & CERTIFICATE OF ATTENDANCE
The EACTA Annual Congress 2017 was granted 17 European CME credits (ECMEC) by the European Accreditation Council for Continuing Medical Education (EACCME). Certificates will be sent after the Congress.

CONGRESS LANGUAGE
The congress language is English. No simultaneous translation will be provided.

DISCLAIMER
Please note that in the event that the congress is cancelled by the organizers in case of force majeure, the registration fee, hotel deposit and any other service ordered through the registration will be partially refunded or forfeited, subject to the commitments of the congress organizers at that time. You may wish to insure yourself directly against such a risk.

INSURANCE & LIABILITY
Neither the organizers nor the Conference Bureau will assume any responsibility whatsoever for damage or injury to persons or property during the congress. It is recommended that participants arrange for their personal travel and health insurance.

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A lost and found service will be provided at the EACTA Registration Desk for the duration of the congress.

MOBILE PHONES
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Symposium

What place does APROTININ have in future clinical practice?

Chairman: Pr Christian von Heymann (Germany)

- Aprotinin clinical evidences: do we really need it?
  Pr Christian von Heymann (Germany)

- An unprecedented come back!
  Dr David Royston (United Kingdom)

- Aprotinin today: sharing of experience
  Pr Jan Van der Linden (Sweden)

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SOCIAL EVENTS

WEDNESDAY, 19 APRIL - 18:00-19:30
WELCOME RECEPTION AT THE CONGRESS VENUE
Please come join your colleagues for a relaxing get-together including wine & snacks. The welcome reception will be held in the exhibition area. Attendance is free of charge but enrolment is required.

THURSDAY, 20 APRIL – 19.30-24.00
CONGRESS DINNER AT ZWINGLI CHURCH
A memorable highlight of the Congress will be the Congress Dinner. It will provide the ideal opportunity to mingle and meet other colleagues.

Tickets must be purchased in advance. Price € 100 including a three-course buffet with wine and coffee.
LUNCH SYMPOSIUM

Thursday 20th April
13:30 - 14:30

INTRA-PROCEDURAL MANAGEMENT TO IMPROVE PATIENT OUTCOMES

CHAIR
TJ Gan, M.D., M.H.S., F.R.C.A.
Professor and Chairman
Dept. of Anesthesiology, Stony Brook University
President of the American Society for Enhanced Recovery

Enhanced Recovery Pathway: New Model for Perioperative Health Care
Speaker: TJ Gan, M.D., M.H.S., F.R.C.A.
Professor and Chairman, Dept. of Anesthesiology, Stony Brook University
President of the American Society for Enhanced Recovery

Goal Directed Perfusion Trial
Speaker: Dott. Tommaso Aloisio.
Consultant Anesthesiologist
Cardiac surgery
San Donato, Milan, Italy

The Importance of NIRS and the Differences in Algorithm to Optimize Patient Outcomes
Speaker: Prof. Julien Amour.
Chief of Cardiac Anesthesiology Dept.
Paris La Pitié, France

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FIRST FLOOR
Bleeding: a challenge in cardiovascular surgery

Friday 21 April 2017, 13:30–14:30

Maritim Hotel Berlin, Berlin, Germany

CSL Behring-sponsored satellite symposium at the 32nd Annual Meeting of the European Association of Cardiothoracic Anaesthesiology (EACTA) 2017

Programme

Co-chairs: Donat Spahn (Switzerland) and Kai Zacharowski (Germany)

13:30 Chairs’ welcome

Strategies to treat bleeding
Marco Ranucci (Italy)

Haemostatic therapy in cardiac surgery
Arno Nierich (Netherlands)

Management of bleeding in patients on ECMO
Dirk Lunz (Germany)

Q & A session
All

14:30 Close of symposium

Lunch will be provided

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You are most welcome to attend our SATELLITE SYMPOSIUM

Pre-, Peri-, and Post-operative use of levosimendan: THE LEVO-CTS, CHEETAH AND LICORN TRIALS IN THE EYE OF CLINICAL PRACTICE

At the EACTA Annual Congress 2017 on Thursday, April 20 at 13:30 – 14:30

CHAIRS
Matthias Heringlake (Germany)
Fabio Guarracino (Italy)
Sven-Erik Ricksten (Sweden)

TOPICS & SPEAKERS

Postoperative use of levosimendan:
A historical perspective and the results of the CHEETAH study
Giovanni Landoni (Italy)

Perioperative use of levosimendan:
A historical perspective and the results of the LICORN study
Bernard Cholley (France)

Preoperative use of levosimendan:
The results of the LEVO-CTS study, what have we learned?
Matthias Heringlake (Germany)
LIST OF EXHIBITORS

1. Nordic Pharma
2. Abbott Point of Care
3. CSL Behring
4. Orion Pharma
5. Edwards Lifesciences
6. Medtronic
7. Haemonetics
8. AOMED Pharma
9. Hamamatsu
10. stroke2prevent
11. Skills Med
12. CytoSorbents
13. wisepress
14. Grifols
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20. CASMED
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WEDNESDAY, 19 APRIL – SALON 7
13:30-14:30 - Abbott Point of Care Division

AC testing – When there’s no room for doubt
Chair: Prof. Florian Falter (UK)

• Can we bring the lab to the OR? - Dr. Evelien Kemna (Nederland)
• ACT 2017 - Dr. med. Daniel Dirkmann (Germany)
• Time to ACT? - Prof. Florian Falter (UK)

WEDNESDAY, 19 APRIL – SALON 16-17
13:30-14:30 - Edwards Lifesciences

PAC Technology – Past, Present and Future
Moderator: Prof. Dr. Steffen Rex (Leuven, Belgium)

• The role of oxygen delivery and consumption for the outcome of high risk surgical patients – Shoemaker’s theorem revisited
  Prof. Dr. Michael Sander (Berlin, Germany)
• Diagnosis of right ventricular failure and RV outflow tract obstruction with the PAC
  Prof. Dr. André Denault (Montreal, Canada)
• The PAC in 2017 – new clinical data on its safety and efficacy in cardiac surgery
  Dr. Andy Shaw (Nashville, USA)

THURSDAY, 20 APRIL – SALON 7
13:30-14:30 - Medtronic

Intra-Procedural Management to Improve Patient Outcomes

• Enhanced Recovery Pathway: New Model for Perioperative Health Care
  Speaker: Tj Gan, M.D. (USA)
• Goal Directed Perfusion Trial
  Speaker: Dott. Tommaso Aloisio, (Italy)
• The Importance of NIRS and the Differences in Algorithm to Optimize Patient Outcomes
  Speaker: Prof. Julien Amour, (France)
THURSDAY, 20 APRIL – SALON 16-17
13:30-14:30 - Orion Corp.

Pre-, Peri-, and Post-operative use of levosimendan: the LEVO-CTS, CHEETAH and LICORN trials in the eye of clinical practice
Chairs: Matthias Heringlake (Germany), Fabio Guarracino (Italy), Sven-Erik Ricksten (Sweden)

Levosimendan, a cardioprotective inodilator, was developed as a treatment for acute heart failure and is used. In this symposium, the investigators of three recent clinical trials on levosimendan in the cardiac surgery settings will describe and discuss their results. Prof. Cholley (Paris, France) will present the LICORN trial of peri-operative use of levosimendan, Prof. Landoni (Milan, Italy) the CHEETAH trial of post-operative use of levosimendan, and Prof. Heringlake (Lübeck, Germany) the LEVO-CTS trial on pre-operative use of levosimendan. Prof. Guarracino (Pisa, Italy) and Ricksten (Gotenburg, Sweden) will join the discussion in a final panel debate.

FRIDAY, 21 APRIL – SALON 7
13:30-14:30 - CSL Behring

Bleeding: a challenge in cardiovascular surgery
Chairs: Donat Spahn (Switzerland), Kai Zacharowski (Germany)

• Strategies to treat bleeding
  Marco Ranucci (Italy)
• Effectiveness of cardiac surgery-specific transfusion protocols
  Arno Nierich (Netherlands)
• Management of bleeding in patients at ECMO
  Dirk Lunz (Germany)

FRIDAY, 21 APRIL – SALON 16-17
13:30 - 14:30 Nordic Pharma

What place does aprotinin have in future clinical practice?
Chair: Prof. Christian von Heymann (Germany)

• Aprotinin clinical evidences: do we really need it?
  Prof. Christian von Heymann (Germany)
• An unprecedented come back!
  Dr. David Royston (United Kingdom)
• Aprotinin today: sharing of experience
  Prof. Jan Van der Linden (Sweden)
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