Organ dysfunction in cardiothoracic and vascular anaesthesia and critical care
08:30 - 09:15, Room F4/F5

**101 Opening Ceremony**

**08:30**

Inflammation and Cardiovascular Disease  
G.K. Hansson (Member of the Nobel Committee); Karolinska Institute

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09:15 - 10:00, Room F4/F5

**201 Plenary lecture**

**09:15**

Update on TEE guidelines  
S.T. Reeves; Medical University of South Carolina

**10:00**

OP003 Dynamic measurements of diastolic dysfunction in cardiac surgery and cardiac postoperative morbidity scoring  
Hafsa Hussain, Andrew Rogers, Hilary Shanahan, Vivek Shivaraman, Andrew Smith, Bonnie Kyle; The Heart Hospital, UCL Hospitals NHS Foundation Trust

**10:10**

OP004 Inter-trigonal distance measured by real-time three-dimensional transeosophageal echocardiography for predicting the size of mitral annuloplasty ring  
Kuniko Morishima, Yuzuru Inatomi, Yoshihiko Ohnishi; National Cerebral and Cardiovascular Center

**10:20**

OP005 Agreement of tricuspid annular systolic excursion (tapse) measurement in M-Mode between transthoracic (TTE) and Trasoesophageal (TOE) Echocardiography  
Anna Flo, Elham Hasheminejad, Monica Dobrovie, Jaqueline Da Rocha e Silva, Jörg Ender; Heart Center Leipzig University

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09:15 - 10:00, Room F2/F3

**202 Plenary lecture**

**09:15**

Is oxygen too much of a good thing?  
B.S. Rasmussen; University Hospital Aalborg

**10:00**

OP007 New anti pollution filter for volatile agents during cardiopulmonary bypass: preliminary tests  
Caetano Nigro Neto; Dante Pazzanese Institute of Cardiology

**10:10**

OP008 Inhaled Nitric Oxide in Lung Transplantation in a large volume centre: evidence or tradition?  
Maria Benedetto1, Rosalba Romano1, Georgiana Baca1, Andreas Fischer1, Andre Simon1, Nandor Marczin1,2,1 Royal Brompton and Harefield NHS Foundation Trust, Harefield, United Kingdom 2 Campus Bio-Medico University, Rome, Italy 1 Anaesthetics, Imperial College London, London, United Kingdom 1 Royal Brompton and Harefield NHS Foundation Trust, London, United Kingdom

**10:20**

OP009 Low perioperative mixed venous saturation is associated with postoperative cognitive dysfunction on 1st postoperative day.  
Anne-Grethe Lorentzen, Linda Aagaard Rasmussen, Carl-Johan Jakobsen; Aarhus University Hospital, Aarhus, Denmark
09:15 - 10:00, Room G4

**203 Plenary lecture**

09:15  
Anaesthesia for transcatheter aortic valve implantation  
S. Rex; University Hospital Leuven

10:00  
OP011 Low preoperative endotoxin core and anti-staphylococcal antibody levels are associated with prolonged hospital stay following aortic valve surgery  
Sarka Moravcova¹, Bonnie Kyle², Thomas Treibel², Andrew Smith³, Patricia Colques-Navarro³, Roland Molby⁴, Colin Hamilton-Davies⁵; ¹Royal Brompton & Harefield NHS Trust, London, UK, ²UCL Hospitals, London, UK, ³Karolinska Institute, Stockholm, Sweden

10:10  
OP012 Minimally invasive mitral valve surgery through right thoracotomy is a safe and effective procedure in short and long term. A propensity score analysis  
Paula Carmona García¹, Alejandro Vazquez², Eva Mateo³, Carlos Errando³, Sergio Cánovas³; ¹La Fe University Hospital Valencia, ²Hospital Politecnico La Fe, ³Hospital Universitario Virgen de la Arrixaca

10:20  
OP013 Feasibility of analyzing circumflex artery anatomy by real time 3D transesophageal echocardiography compared to 3D reconstructed cardiac computed tomography  
Carmine Bevilacqua¹, Sarah Eibel¹, Borek Foldyna², Lukas Lehmkuhl³, Matthias Gutberlet², Chirojit Mukherjee³, Joerg Seeburger⁴, Joerg Ender⁴; ¹Department of Anesthesiology, Heart Center Leipzig, Germany, ²Department of Radiology, Heart Center Leipzig, Germany, ³Department of Cardiothoracic Surgery, Heart Center Leipzig, Germany

10:30 - 11:00  
Coffee break and Exhibition

11:00 - 13:00, Room F4/F5

**301 Echo panel**

11:00  
When to intervene for tricuspid incompetence  
J. Erb; Universitatsspital Basel

11:30  
Unidentified aortic stenosis and mitral regurgitation - when to intervene  
F. Guarracino; Azienda Ospedaliera Universita

12:00  
What to tell the surgeon about their valve repairs and replacements  
P. Wouters; Ghent University Hospital

12:30  
Echocardiography for mechanical circulatory support: LVAD, ECMO, IABP  
D. Greenhalgh; Wythenshawe Hospital
WEDNESDAY, JUNE 24, 2015

11:00 - 13:00, Room F2/F3

302 Postoperative cognitive dysfunction in cardiac surgery

11:00  
Assessment of postoperative cognitive dysfunction
J. Rasmussen; University of Copenhagen

11:30  
Thirty years of cognitive dysfunction research - where are we?
H. Grocott; St. Boniface Hospital

12:00  OP020  
Cerebral oxygen saturation in thoracic aortic surgery: a single centre prospective observational study in 215 patients
Reto Baschiani; University Hospital Bern

12:10  OP021  
Serum Protein S100 for the prediction of postoperative delirium after off-pump coronary artery bypass surgery: a prospective observational trial
Layth Al Tmimi1, Koen Poesen2, Jan Van Hemelrijck3, Marc Van de Velde4, Paul Sergeant5, Bart Meyns6, Steffen Rex;1kU Leuven -University of Leuven, Department of Anaesthesiology Leuven, Belgium. 2KU Leuven - University of Leuven,Department of Laboratory Medicines, Leuven, Belgium 3KU Leuven - University of Leuven, Department of Cardiac Surgery, Leuven, Belgium.

12:20  OP022  
Intraoperative decrease of regional cerebral oxygen saturation is not associated with the occurrence of delirium after elective cardiac surgery
Francisca Santos1, Clara Luis2, Marisa Goncalo1, Fernando Abelha1, Joao Viterbo1; 1Centro Hospitalar de Sao Joao; 2Centro Hospitalar de Tras-os-Montes e Alto Douro

12:30  
Neuroinflammation postoperative dysfunction and delirium
D. van Dijk; University medical center Anaesthesiologist intensivist

11:00 - 13:00, Room G4

303 Pediatric cardiac surgery panel

11:00  
Pulmonary hypertension in pediatric cardiac surgery
H. Ravn-Berg; Aarhus University Hospital

11:30  
Anaesthetics and myocardial protection in pediatric cardiac surgery
I. Malagon; University Hospital South Manchester

12:00  OP026  
Myocardial blood flow reflects myocardial oxygenation in healthy swine
Dominik P. Guensch; Bern University Hospital, Department Anaesthesiology and Pain Therapy

12:10  OP027  
Echocardiographic prognosis of right-ventricular failure after implantation of a paediatric left ventricular assist device (LVAD)
Matthias Hommel MD MBA1, Helmut Habazettl MD PHD2, Marian Kukucka MD PHD3; 1Department of Anesthesiology, German Heart Institute Berlin, 2Institute of Physiology, Charité Berlin

12:20  OP028  
Thromboelastometry detects impaired platelet aggregation during but not after paediatric cardiac surgery
Birgitta Romlin1, Fredrik Soderlund1, Anders Jeppsson2; Department of Paediatric Anaesthesia and Intensive Care, Sahlgrenska University Hospital

12:30  
Paediatric extra-corporeal membrane oxygenation
C. Westrope; University Hospitals Of Leicester
11:00 - 13:00, Room F1

304 Thoracic Panel

11:00 Ventilatory strategies during one-lung mechanical ventilation - state of the art
T. Vegh; University of Debrecen

11:30 Thoracic epidural analgesia and one-lung mechanical ventilation: useful or harmful?
M. El-Tahan; King Fahd Hospital Dammam University

12:00 OP032 The effect of prophylactic post-operative high flow nasal oxygen on patient recovery after lung resection surgery: a single blinded, randomised, controlled trial
Bilal Ansari1, Maurice Hogan1, Tim Collier2, Adam Baddeley3, Marco Scarci4, Aman Coonar4, Fiona Bottrill5, Guillermo Martinez1, Andrew A Klein1; Papworth Hospital, Papworth Everard, Cambridge, CB23 3RE, UK.1 Department of Anaesthesia and Intensive Care, 3 Department of Physiotherapy, 4 Department of Cardiothoracic Surgery, 5 Department of Research and Development – London School of Hygiene and Tropical Medicine, Keppel Street, London, WC1E 7HT, UK. 1 Department of Medical Statistics

12:10 OP033 NOD2 gene variant rs2066844 and association with postoperative respiratory failure phenotype in 517 elective adult cardiac surgical patients.
Maciej M. Kowalik1, Romuald Lango1, Magdalena Chmara2, Rafał Pawlaczyk3, Paweł Żelechowski1, Maciej Brzeziński1, Janusz Limon2, Jan Rogowski3; Medical University of Gdańsk, Dept. of Cardiac Anesthesiology

12:20 OP034 Double lumen tube caused auto-PEEP during one-lung ventilation
J. Spaeth, M. Ott, S. Schumann, T. Loop; University Hospital Freiburg

12:30 Rehabilitation in thoracic anaesthesia
M. Licker; University Hospital Geneve

13:00 - 14:00

Lunch Symposia
for details please refer to page 31
13:00 - 14:00, Poster Exhibition Area

**PS1 Poster Session 1**

13:00  P01  Individualized protamine dosing based on a computerized pharmacokinetic model
MI Meesters1, D Veerhoek2, JR de Jong1, G Kuiper1, C Boer3; Departments of
1Anesthesiology and 2Cardio-thoracic Surgery, Institute for Cardiovascular Research,
VU University Medical Center

13:08  P02  Anesthetic management of a patient with right ventricular epicardium located cyst hydatid
Ömer Faruk Boran, Aykut Urfaloğlu, Mahmut Arslan, Gökçe Gişi, Bora Bilal, Hüseyin Yıldız, Hafize Öksüz; Kahramanmaraş Sütçü İmam University

13:16  P03  Intracoronary administration of levosimendan in acute coronary syndrome with decreased left ventricular ejection fraction: a case series
Vjera Marinov, Nenad Karanovic, Mladen Carev, Dubravka Kocen, Mihajlo Lojpur, Zdenko Covic; University Hospital Center Split

13:24  P04  The relationship between changes in meteorological parameters and the outcome of paediatric cardiac surgery
Daniel J. Lex1., Sándor I. Piross2, Andrea Fülöp3, Enikő Holndonner-Kirst4, György Róth5, Erzsébet Sápi5, János Gál5, Andrea Székely5; 1Semmelweis University, School of Doctoral Studies, 2Szent István University, 3Hungarian National Meteorological Survey, 4Gottsegen Hungarian Institute of Cardiology, 5Semmelweis University, Department of Anaesthesiology and Intensive Therapy

13:32  P05  Comparison of human albumin solution vs. Standard solutions in ICU post-cardiac surgery
Christopher McGinley; Adarsh Lal, Golden Jubilee National Hospital, University of Dundee

13:40  P06a  Effectiveness of sub-albumin protein leakage membrane EMIC2 in post cardio-surgery rhabdomyolysis
Gianluca Paternoster; Cardiovascular Anaesthesia and Intensive Care San Carlo Hospital

J.A. Kok, J.H. Heijmans, E.M. Maas, W.F.F.A. Buhre, J.U. Schreiber; Maastricht University Medical Centre, department of Anesthesiology
<table>
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<tr>
<th>Time</th>
<th>Poster Session</th>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>13:00</td>
<td>P07</td>
<td>Sevoflurane and Isoflurane – Pharmacokinetics and Cardioprotective Effects during Cardiopulmonary Bypass</td>
<td>Jens Fassl; University Hospital Basel</td>
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<tr>
<td>13:10</td>
<td>P08</td>
<td>Macromolecule Administration favors fluid restrictive strategy during cardiac surgery, but causes bleeding, transfusion requirement and haemodynamic support after surgery</td>
<td>Samarani G1, Zeroual N1, Villard J1, Ruiz R1, Gourcerol F1, Colson P1; Department of Anesthesia and Intensive Care D, CHRU Montpellier, France</td>
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<tr>
<td>13:30</td>
<td>P10</td>
<td>Validation of viscoelastic coagulation tests with TEG and ROTEM during cardiopulmonary bypass</td>
<td>Erik Ortmann1, Antonio Rubino1, Balsam Altemimi1, Timothy Collier2, Martin W. Besser3, Andrew A. Klein3; 1Papworth Hospital, Cambridge, UK; 2London School of Hygiene and Tropical Medicine, London, UK; 3Addenbrooke’s Hospital, Cambridge, UK</td>
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<td>13:40</td>
<td>P11</td>
<td>Impact of dabigatran, rivaroxaban, apixaban and edoxaban on activated clotting time: an in vitro study</td>
<td>Anne-Sohie Dincq1, Jonathan Douxfils2, Maximilien Gourdin1, Jean-Michel Dogné2, Bernard Chatelain1, François Mullier2; 1Catholic University of Louvain, 2University of Namur</td>
</tr>
<tr>
<td>13:50</td>
<td>P12</td>
<td>Tracheostomy practice in cardiothoracic intensive care</td>
<td>Orinta Jansoniene, John Jones, Theodoros Tsoutsouras, Donna Hall; Harefield Hospital</td>
</tr>
</tbody>
</table>
13:00 - 14:00, Poster Exhibition Area

**PS3 Poster Session 3**

13:00  P13  Respiratory rate measurements after cardiac surgery - incidence of abnormal breathing patterns in an observational case series
Georgina Maria Cubas, Weihong Du, Zoka Milan, Gudrun Kunst;
*King's College Hospital NHS Foundation Trust*

13:10  P14  An audit of the intraoperative use of bispectral index monitoring at a specialist cardiothoracic hospital
Áine Heaney; *Royal Brompton Hospital*

13:20  P15  A 5-year-Single-Centre Experience: Outcome after Continuous Renal Replacement Therapy (CRRT) for acute renal failure following cardiac surgery
Shah Shitalkumar S, Nolan Catherine, Lowe Margaret; *Singapore General Hospital, Singapore, Royal Victoria Hospital, UK*

13:30  P16  Regional cerebral oxygen desaturation measured by Near-Infrared-Spectroscopy is not a reliable indicator for cerebral outcome after aortic arch surgery
Werner Baulig1, Philipp Buehler2, Karin Brueckner2, Dominique Bettex2, Marco Bosshart3; 1*Klinik Im Park, Department of Anaesthesiology and Intensive Care Medicine, Zurich, 2*University Hospital Zurich, Institute of Anaesthesiology, Zurich, 3*Klinik Hirslanden Zurich, Insitute of Anaesthesia and Intensive Care Medicine, Zurich

13:40  P17  Neutrophil lymphocyte ratio as a mortality predictor following hypoplastic left heart surgery
Omer Faruk Savluk1, Fusun Guzelmeric1, Yasemin Yavuz1, Can Vuran1, Eylem Tuncer4, Aybala Tongut1, Ali Can Hatemi1, Ayşu Turkmen1, Naci Öner1, Ayşe Yıldırım1, Metin Sungur1, Sinem Altunyavus1, Hakan Ceyran1; 1*Kartal Kosuyolu High Education And Training Anesthesiology, 2*Kartal Kosuyolu High Education And Training Pediatric Cardiac Surgery, 3*Kartal Kosuyolu High Education And Training Pediatric Cardiology, 4*Kartal Kosuyolu High Education And Training Hospital Pediatrics

13:50  P18  Effect of blood transfusion strategy on mortality in cardiac surgery: a meta-analysis of randomized controlled trials
Evgeny Fominskiy, Martina Crivellari, Laura Pasin, Gianluca Paternoster, Luca Lucchetta, Alberto Castella, Fabrizio Monaco, Giovanni Landoni, Alberto Zangrillo; *IRCCS San Raffaele Scientific Institute, Milan, Italy*
14:00 - 16:00, Room F4/F5

401 Transplantation and mechanical support panel

14:00 LVAD as a destination therapy
G. Deligren; University of Gothenburg

14:30 Bleeding associated with ECMO and VAD devices – mechanisms and treatment options
M. Ranucci; IRCCS Policlinico San Donato

15:00 OP038 Impact of cardiopulmonary bypass (CPB) on lung injury and margined leukocyte dynamics during bilateral lung transplantation (LTx).
Rosalba Romano1, Kate Tatham1, Kieran O’Dea1, Padmini Sarathchandra1, Louit Thakuria2, Anna Reed2, Fabio De Robertis2, Aron Popov3, Mohamed Amrani2, Toufan Bahrami2, Andre Simon2, Masao Takata1, Nandor Marczin1,2; 1Anaesthesics, Pain Medicine and Intensive Care, Imperial College London, London, United Kingdom; 2Royal Brompton and Harefield NHS Foundation Trust, Harefield, United Kingdom; 3National Heart and Lung Institute, Imperial College London, London, United Kingdom

15:10 OP039 The munich lung transplant group: intraoperative extracorporeal circulation in lung transplantation
D.J. Hoechner1, V. von Dossow-Hanfstingl1, S. Czerner1, H. Winter1, R. Hatz2, C. Schneider1, H.-H. Müller1, T. Weig1, B. Zwißler1, B. Meiser1, C. Neurohr1, T. Meis3, J. Behr1, F. Born1, C. Hagl1, R. Schramm1,2, ‘Dept. of Anaesthesiology, Dept. of General-, Visceral-, Transplant-, Vascular- and Thoracic Surgery, Dept. of Biometrics Epidemiology, Transplantation Centre, Dept. of Medicine V, Member of the German Centre for Lung Research ‘Clinic of Cardiac Surgery, University Hospital, Ludwig Maximilian University, Munich, Germany

15:20 OP040 Indication to ECMO during lung transplantation
M. Pizzocri1, V. Salice1, B. Saffae Fakhra1, E. Quarenghi1, M. Lanfranconi1, N. Vignola1, A. Perazzoli1, C. Marenghi1, L. Santambrogio1, L. Gattinoni1, F. Valenza1, ‘Dipartimento di Anestesia Rianimazione (Intensiva e Subintensiva) e Terapia del dolore, Fondazione IRCCS Ca’ Granda-Ospedale Maggiore Policlinico, Milan, Italy; ‘Dipartimento di Cardiochirurgia “A. De Gasperis”, Ospedale Niguarda Ca’ Granda, Milan, Italy; ‘Servizio Perfusione E.P.S., Rome, Italy; ‘Dipartimento di Fisiopatologia Medico-Chirurgica e dei Trapianti, Università degli Studi di Milano, Milan, Italy; ‘Unità Operativa di Chirurgia Toracica, Fondazione IRCCS Ca’ Granda-Ospedale Maggiore Policlinico, Milan, Italy

15:30 INSPIRE the field, EXPAND the horizon, PROCEED with the task: ex-vivo lung and heart perfusion for transplantation
N. Marczin; Imperial College London
### 14:00 - 16:00, Room F2/F3
#### 402 Haemostasis and transfusion panel I

<table>
<thead>
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<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
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<tr>
<td>14:00</td>
<td>Definition of bleeding and impact of bleeding in cardiac surgery?</td>
<td>C. von Heymann; Charité-University Berlin</td>
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<td>14:30</td>
<td>Haemostasis evolution; from the cradle to successful ageing</td>
<td>D. Roysten; University of Liverpool</td>
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<td>15:00</td>
<td>The effect of pericardial lavage with and without tranexamic acid on postoperative blood loss in cardiac surgery: a randomized placebo-controlled trial.</td>
<td>Dorien M. Kimenai, Bastiaan M. Gerritse, Cees Lucas, Peter M. Rosseel, Mohammed Bentala, Paul van Hattum, Nardo J.M. van der Meer, Thierry V. Scohy; 1Department of Extracorporeal Circulation, Amphia Hospital, Breda, the Netherlands; 2Department of Anesthesiology, Amphia Hospital, Breda, the Netherlands; 3Department of Clinical Epidemiology, Biostatistics and Bioinformatics, Academic Medical Centre, University of Amsterdam, Amsterdam, the Netherlands; 4Department of Cardiothoracic Surgery, Amphia Hospital, Breda, the Netherlands; 5Department of Clinical Pharmacy, Amphia Hospital, Breda, the Netherlands</td>
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<tr>
<td>15:10</td>
<td>Intraoperative use of a cell saver augments the risk of postoperative infection associated with red blood cell transfusion in cardiac surgery.</td>
<td>Jan van Klarenbosch, Jan Dieleman; Hans de Vries; 1UMC Utrecht, 2UMG Groningen, Netherlands</td>
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<tr>
<td>15:20</td>
<td>Acute massive bleeding after cardiac surgery: a new definition evaluated in a multicenter study</td>
<td>Pascal Colson, Philippe Gaudard, Jean Luc Fellahi, Elena Bertet, Marie Faucanie, Marie Christine Picot; 1ARCOTHOVAGroup, 2CHRU Montpellier, 3Hôpital cardiovasculaire et pneumologique Louis Pradel, Lyon, France</td>
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<tr>
<td>15:30</td>
<td>The effect of blood transfusion on the microcirculation</td>
<td>C. Boer; VU University Medical Center Amsterdam</td>
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### 14:00 - 15:00, Room G4
#### 403a ECMO Workshop

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<tr>
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<tr>
<td>14:00</td>
<td>ECMO Workshop</td>
<td>P. Fawcett; Wythenshawe Hospital Manchester</td>
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<td>14:30</td>
<td>ECMO Workshop</td>
<td>C. Purcell; Wythenshawe Hospital Manchester</td>
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### 15:00 - 16:00, Room G4
#### 403b ECMO Workshop

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<tr>
<td>15:30</td>
<td>ECMO Workshop</td>
<td>C. Purcell; Wythenshawe Hospital Manchester</td>
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14:00 - 16:00, Room F1

404 Thoracic Workshop

14:00
Double-lumen tubes (L. Szegedi / K. Kirnö)
Endobronchial blockers (E. Cohen)
Epidural and paravertebral thoracic blocks (M. Senturk / P. Nellgård)

Station 1. Left-sided double lumen tubes (M. Granell, J. Bence)
Station 2. Right-sided double lumen tubes (G. Della Rocca, M.C. Unzueta)
Station 3. Cook Cohen endobronchial blockers (L. Szegedi, M. Drnovsek Globokar)
Station 4. Cook Arndt endobronchial blockers (M.J. Licker, M. El Tahan)
Station 5. EZ blockers (K. Kirno, T. Vegh)
Station 6. Univent, Fuji blockers (P. Nellgard, M. Senturk)
Station 7. Viva Sight tubes (L. Szegedi, R. Stoica)
Station 8. Thoracic epidural & paravertebral blocks (M.J. Jimenez, M. Granell, M. Senturk)

16:00 - 16:30
Coffee break and Exhibition

16:30 - 18:30, Room F4/F5

501 Meet the experts on CPB

tba Is there an optimal flow during CPB?
F. de Somer, Ghent University

tba CPB and Inflammatory Response - an update
F. Merkle, Deutsches Herzzentrum Berlin

tba Incidents and complications during CPB - how to avoid them
A. Wahba, NTNU Trondheim

16:30 - 18:30, Room F2/F3

502 Vascular Workshop

16:30
Ultrasound-guided cervical block in vascular surgery patients
K.H. Stadlbauer, Medical University Innsbruck
16:30 - 17:30, Room G4

**503a ECMO Workshop**

16:30  ECMO Workshop  
P. Fawcett; Wythenshawe Hospital Manchester

17:00  ECMO Workshop  
C. Purcell; Wythenshawe Hospital Manchester

17:30 - 18:30, Room G4

**503b ECMO Workshop**

17:30  ECMO Workshop  
P. Fawcett; Wythenshawe Hospital Manchester

18:00  ECMO Workshop  
C. Purcell; Wythenshawe Hospital Manchester

16:30 - 17:30, Room F1

**504 Thoracic Workshop continued**

16:30  Double-lumen tubes (L. Szegedi / K. Kirnö)  
Endobronchial blockers (E. Cohen)  
Epidural and paravertebral thoracic blocks (M. Senturk / P. Nellgård)

Station 1. Left-sided double lumen tubes (M. Granell, J. Bence)  
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Station 7. Viva Sight tubes (L. Szegedi, R. Stoica)  
Station 8. Thoracic epidural & paravertebral blocks (M.J. Jimenez, M. Granell, M. Senturk)

18:30

**Welcome Reception**
08:30 - 10:30, Room F4/F5

601 Renal Panel

08:30 Preventing acute kidney injury in cardiac surgery: the role of perfusion
M. Ranucci; IRCCS Policlinico San Donato

09:00 Pharmacological treatment of acute kidney injury after cardiac surgery
S.E. Ricksten; University Hospital Gothenburg

09:30 OP061 Association between Endotoxin Activity and Acute Kidney Injury in Cardiac Patients Undergoing Cardiopulmonary Bypass
Gianluca Paternoster; Department of Cardiovascular Anaesthesia and Intensive Care San Carlo Hospital Potenza Italy

09:40 OP062 The opposite effect of age on creatinine baseline estimates
M. H. Bernardi¹, D. Schmidlin², R. Ristl¹, T. Neugebauer¹, M. Hiesmayr¹ and A. Lassnigg¹;
¹Department of Cardiothoracic and Vascular Anaesthesia and Intensive Care Medicine, Medical University of Vienna, Austria; ²Department of Anaesthesiology and Intensive Care Medicine, Klinik Im Park, Zurich, Switzerland; ³Centre for Medical Statistics, Informatics and Intelligent Systems, Medical University of Vienna, Austria

09:50 OP063 N-acetylcysteine Versus Dopamine to Prevent Acute Kidney Injury After Cardiac Surgery In Patients with Pre-existing Moderate Renal Insufficiency
Omer Faruk Savlok¹, Fusun Guzelmeric¹, Yasemin Yavuz¹, Halide Ogus¹, Tulay Orki¹, Canan Guler¹, Emre Gurcu¹, Atakan Erkilinc¹, Tuncer Kocak¹; 'Kartal Kosuyolu High Education And Training Anesthesiology

10:00 The prognostic impact of pre- and early postoperative elevation of creatinine in cardiac surgery
M. Hiesmayr; Medizinische Universität Wien
08:30 - 10:30, Room F2/F3

602 CPB Panel

08:30  Cardioplegia: past, present and future
       D. Chambers; Kings College London

09:00  Organ protection during CPB
       G. Kunst; Kings College London

09:30  OP067 Xenon as adjuvant to propofol anaesthesia in patients undergoing off-pump coronary artery bypass surgery: a randomizes prospective controlled trial
       Layth Al Tmimi1, Bart Meyns2, Marc Van de Velde1, Paul Sergeant3, Mark Coburn3, Steffen Rex4; 1KU Leuven University of Leuven, Department of Anaesthesiology Leuven, Belgium. 2KU Leuven - University of Leuven, Cardiac Surgery, Leuven, Belgium. 3University hospital of the RWTH Aachen, Department of Anaesthesiology, Aachen, Germany.

09:40  OP068 No difference in release of troponin I between sevoflurane and propofol anaesthetic regimes in off-pump myocardial revascularization
       Nina Kosmač1, Ivan Kneževič2, Gaj Vidmar1, Martin Virag3, Vladan Ristić4; 1University Medical Center Ljubljana, Slovenia, 2University Rehabilitation Institute, Ljubljana, Slovenia, 3University of Ljubljana, Faculty of Economics, Ljubljana, Slovenia, 4University children’s hospital Belgrade, Serbia

09:50  OP069 Effects of Milrinone and Epinephrine or Dopamine on Biventricular Function and Haemodynamics in an animal model with Right Heart Failure after Pulmonary Regurgitation
       Janus Adler Hyldebrandt, MD, PH.D1,3, Peter Agger MD1,3, Eleonora Sivén MD1, Kristian Wemmelund MD1, Johan Heiberg MD2, Christian Alcaraz Frederiksen MD PhD1, Hanne Berg Ravn MD PhD DSMc; Departments of ‘Anaesthesia and Intensive Care and ‘Cardiothoracic and Vascular Surgery, Aarhus University Hospital, Aarhus, Denmark. Institute of Clinical Medicine, Aarhus University, Aarhus, Denmark.

10:00  The effect of cardiopulmonary bypass on the glycoalyx
       E. Pesonen; Helsinki University Hospital
08:30 - 10:30, Room G4

**603 Panel on acute lung injury (ALI) in thoracic anaesthesia**

08:30  What are the mechanisms of ALI?
G. della Rocca; Azienda ospedaliero-universita Udine

09:10  OP072 Does timing of tracheostomy following cardiac surgery influence patient outcome?
A retrospective analysis of a single centre’s 10-year experience
Amir Mokhtari, Vinay Rao, Ashok Cherian, David O’Regan, Pankaj Kaul,
Binu Arthur; Leeds General Infirmary

09:20  OP073 Effects of diclofenac premedication, as preventive analgesia on post thoracotomy pain and lung function test values
Balázs Pálóczi, Ágota Kazup, Réka Nemes, Orsolya Farkas, Béla Fülesdi, Tamás Végh;
University of Debrecen

09:30  OP074 A systematic review of one-lung ventilation during thoracic surgery comparing the safety and efficacy of high and low tidal volumes
Blair Wilson, Mikolaj Kotts, Julian Camilleri-Brennan, Olivia Morton, Mong Tung,
Nandesh Patel, Sarah Mok, David Ryan, Peter Alston; University of Edinburgh College of Medicine and Veterinary Medicine

09:40  Can ALI be prevented or treated?
P. Slinger; Department of Anaesthesia Toronto General Hospital
09:00 - 13:00, Room F1

604 Postgraduate crash course in coagulation and transfusion in cardiac surgery

09:00   Introduction by course instructors, optional: pre-course examination
09:20   Pathophysiology of coagulation in cardiac surgery
        C. Boer; VU University Medical Center Amsterdam
09:40   Monitoring coagulation and platelet function during cardiac surgery
        M. Lancé; Maastricht University Medical Centre MUMC+
10:00   Pathophysiology and monitoring of coagulopathy in children with congenital heart defects
        B. Romlin
10:35   Anticoagulation during ECMO
        M. Ranucci
10:55   Risk factors and treatment of bleeding after cardiac surgery
        G. Erdoes
11:15   Goal directed haemostatic protocol for the bleeding cardiac surgery patient
        D. Bolliger
11:50   Update on the management of HIT II in cardiac surgery
        A. Koster
12:10   How to manage coagulation and thromboprophylaxis after cardiac surgery
        W. Dietrich
12:30   Management of anaemia and red blood cell transfusion in cardiac surgery
        C. von Heymann
12:50   Closing remarks, feedback, optional post course examination
        tba
08:30 - 18:30, Room G3

**606 ECHO exam**

10:30 - 11:00

**Coffee break and Exhibition**

11:00 - 12:00, Room F4/F5

**701 Transfusion Panel**

**11:00** The effect of blood transfusion on outcome from cardiac surgery  
G. Murphy; University of Leicester

**11:30** Blood transfusion in sepsis  
L. Broksoe Holst; Copenhagen University Hospital

11:00 - 12:00, Room F2/F3

**702 Hypothermia panel**

**11:00** Thermal management after cardiac arrest  
N. Nielsen; Helsingborg University Hospital

**11:30** Extra-corporeal membrane oxygenation and hypothermia after cardiopulmonary resuscitation  
J. van der Linden; Karolinka Instituet Stockholm

11:00 - 12:00, Room G4

**703 Panel on postoperative lung function**

**11:00** Transfusion related lung injury associated with cardiac surgery  
N. Juffermans; Academic Medical Center Amsterdam

**11:30** Prevention and treatment of atelectasis in cardiac surgery  
A. Larsson; Uppsala University
12:00 - 13:00, Room F4/F5

751 Best Oral Presentation

12:00  OP093  Reduced aspirin responsiveness is not associated with adverse outcome after cardiac surgery
D. Bolliger¹, M. Filipovic², E. Seeberger¹, M. Gregor¹, U. Zenklusen¹, M.D. Seeberger³, G.A. Lurati Buse⁴; ¹University Hospital Basel, Switzerland, ²Cantonal Hospital St. Gallen, Switzerland, ³Klinik Hirslanden Zürich, Switzerland

12:10  OP094  Effects of the Introduction of a Cardiac Surgery Safety Checklist on 30 day Mortality and operative team culture: A Cohort Study
A. Nierich; Isala Clinics Zwolle, Netherlands

12:20  OP095  On-pump beating coronary artery bypass grafting in patients with left ventricular systolic dysfunction
Vladimir Lomivorotov, Vladimir Boboshko, Dmitry Nikolaev, Vladimir Shmirev, Alexey Nesmachniy; State Research Institute of Circulation Pathology

12:30  OP096  A larg animal model of low cardiac output syndrome for studies of the gastrointestinal tract
Jenny Seilitz¹, Tal M. Hörer¹, Per Skoog¹, Birger Axelsson¹, Kjell Jansson¹, Kristofer F. Nilsson¹; ¹Department of Cardiothoracic and Vascular Surgery and ²Department of Surgery, Faculty of Medicine and Health, Örebro University

12:40  OP097  Assessment of lung injury and marginated leukocytes following perfusion and reconditioning using the Lung Organ Care System (OCS).
Rosalba Romano¹², Kate Tatham¹, Kieran O’Dea¹, Padmini Sarathchandra¹, Louit Thakuria¹³, Anna Reed¹, Fabio De Robertis¹, Aron Popov², Mohamed Amrani³, Toufan Bahrami², Andre Simon¹, Masao Takata¹, Nandor Marczin¹²; ¹Anaesthetics, Pain Medicine and Intensive Care, Imperial College London, London, United Kingdom ²Royal Brompton and Harefield NHS Foundation Trust, Harefield, United Kingdom ³National Heart and Lung Institute, Imperial College London, London, United Kingdom

12:50  OP098  Renal perfusion, filtration and oxygenation during cardiopulmonary bypass (CPB) – a clinical study
Lukas Lannemyr, Gudrun Bragadottir, Bengt Redfors, Sven-Erik Ricksten; Department of Cardiothoracic Anaesthesia and Intensive Care, Sahlgrenska University Hospital, Gothenburg, Sweden.

13:00 - 14:00

EACTA General Assembly & Lunch
ICU panel I Goal directed therapy

14:00 - 16:00, Room F4/F5

801 ICU panel I Goal directed therapy

14:00 Risks and benefits of systemic arterial pressure directed goals
M. Sander; Charité Berlin

14:30 Risks and benefits of cardiac output directed goals
C. Hofer; Stadtspital Trimli Zürich

15:00 OP101 Mortality following cardiac surgery in patients above 80 years
Hanna-Jumma, Lau, Darbar; University Hospitals of Leicester NHS Trust

15:10 OP102 Renal outcome of goal-directed haemodynamic therapy varies with the applied haemodynamic monitoring in the high risk surgical patient
Koen Lapage, Piet Wyffels, Stefan De Hert, Patrick Wouters; University Hospital Ghent

15:20 OP103 Inadequate recording in perioperative transoesophageal views highlights the need for a standard approach in documentation of the views: a newly proposed format
Syed Altaf Bukhari1, H Saad, K Batool, D Pathak, A Vohra2; 1King Fahad Medical City Riyadh Saudi Arabia, 2Manchester Heart Centre UK

15:30 All I need is an ECHO probe
I. Michaux; Université catholique de Louvain

EACTA/ESTS Panel

14:00 - 16:00, Room F2/F3

802 EACTA/ESTS Panel

14:00 Estimation of surgical risk in the patient candidate for thoracic surgery
A. Brunelli; St. James University Hospital Leeds

14:30 Challenges managing patients on ECMO awaiting lung transplantation: the surgeon's view
P. Falcoz; University of Strasbourg

15:00 OP107 Readmission costs related to cardiac surgery. Analysis of Risk Factors and Costs within six months after discharge using an administrative registry
Andrea Rossi Zadora1 and Enza Caruso2; 1AO Citta della Salute e della Scienza di Torino, Italy; 2Università di Perugia and Capp, Modena, Italy

15:10 OP108 Perioperative glucose control during on-pump elective coronary artery bypass graft in type 2 diabetes mellitus patients
L. Kuznetsova, A. Yavorovskiy, N. Petunina; Russian National Centre of Surgery named after B.V.Petrovsky

15:20 OP109 The sedative effect of remimazolam in general Anaesthesia for cardiac surgery measured by Narcotrend
Carmine Bevilacqua1, Stefan Probst1, Mariola Soehngen2, Jörg Ender; 1Department of Anesthesiology, Heart Center Leipzig, Germany; 2PAION Deutschland GmbH

15:30 Challenges in management of ECMO patients submitted to lung transplantation – the anaesthetists view
V. Dossow; Medizinische Universität München
14:00 - 16:00, Room G4

803 Vascular Panel

14:00 Reduction of perioperative myocardial ischaemia in vascular surgery –inhaled vs. intravenous anaesthesia
M. Seeberger; University of Basel

14:30 Anaesthesia for endovascular surgery
S. Howell; University of Leeds

15:00 OP113 Malnutrition Assessed by Phase Angle: Relation with Outcomes after Cardiac Surgery
D. Ringaitiene1,2, D. Gineityte1, J. Sipylaite2, V. Vicka2; 1Vilnius University Clinic of Anaesthesiology and Intensive Care, Dept of Anaesthesiology & Intensive Care, Vilnius, Lithuania, 2Vilnius University, Faculty of Medicine, Vilnius, Lithuania

15:10 OP114 Enhanced recovery after surgery program in elective subrenal abdominal aortic aneurism repair: a single centre experience
Laura Pasin1, Pasquale Nardelli1, Daniela Febres1, Alessandro Belletti1, Omar Saleh1, Mattia Bellandi1, Martina Baiardo Redaelli1, Gianluca Paternoster1, Giovanni Landoni1, Alberto Zangrillo1,2; 1Department of Anaesthesia and Intensive Care, IRCCS San Raffaele Scientific Institute, Milan, Italy, 2Department of Cardiovascular Anaesthesia and Intensive Care, San Carlo Hospital, Potenza, Italy, 3Vita-Salute San Raffaele University, Milan, Italy

15:20 OP115 The Effect of Desflurane and Propofol Protocols on Preconditioning in Coronary Artery Bypass Graft Surgery
Didem Onk1, Fatih Ozcelik2, Ufuk Kuyrukluyildiz2, Murat Günay1, Oruç Alper Onk1, Tülin Akarsu Ayazoğlu2, Abdulkadir Çoban1, Ayşin Alagöl1; 1University Erzincan, 2Erzincan Military Hospital, 3Göztepe Training and Research Hospital

15:30 Anaesthesia for carotid endarterectomy
M. Stoneham; Oxford University Hospital

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14:00 - 16:00, Room F1

804 Thoracic Workshop

14:00 Double-lumen tubes (L. Szegedi / K. Kirnö)
Endobronchial blockers (E. Cohen)
Epidural and paravertebral thoracic blocks (M. Senturk / P. Nellgård)

Station 1. Left-sided double lumen tubes (M. Granell, J. Bence)
Station 2. Right-sided double lumen tubes (G. Della Rocca, M.C. Unzueta)
Station 3. Cook Cohen endobronchial blockers (L. Szegedi, M. Drnovsek Globoharkar)
Station 4. Cook Arndt endobronchial blockers (M.J. Licker, M. El Tahan)
Station 5. EZ blockers (K. Kirno, T. Vegh)
Station 6. Univent, Fuji blockers (P. Nellgård, M. Senturk)
Station 7. Viva Sight tubes (L. Szegedi, R. Stoica)
Station 8. Thoracic epidural & paravertebral blocks (M.J. Jimenez, M. Granell, M. Senturk)
THURSDAY, JUNE 25, 2015

16:00 - 16:30
Coffee break and Exhibition

16:30 - 18:30, Room F4/F5

901 Meet the Experts - Management of difficult LVAD - everything you want to know about anaesthesia, surgery and intensive care

16:30  Sequential application of mechanical support in heart failure
        R.Mosca; University Hospital of South Manchester

16:54  Contemporary surgical issues for heart failure surgery and VADs
        S.Schueler; Freeman Hospital, NewCastle, UK

17:18  Prediction, diagnosis and therapy of right ventricular failure during LVAD implantation
        M.Kukucka; German Heart Institute Berlin

17:42  Preoptimisation for LVAD implantation
        S.Ahmed; Freeman Hospital, NewCastle, UK

18:06  Vasoplegia during LVAD implantation
        E. de Waal; UMC Utrecht

16:30 - 18:30, Room F2/F3

902 Hands On-Course Point of Care Coagulation

16:30  Hands On-Course Point of Care Coagulation

16:45  ROTEM
        D. Bolliger

17:00  TEG
        M. Ranucci

17:15  Multiplate
        M. Lancé

17:30  SonoClot
        tba

17:45  Verify Now
        D. Faraoni

18:00  HepCon
        G. Erdoes

18:15  PFA-100
        tba
16:30 - 18:30, Room G4

903 Meet the Experts - Management of difficult lung transplantation: everything you want to know on anaesthesia, surgery and intensive care

16:30  Minimally invasive lung transplantation: how do I do it and is it for all patients?
A. Simon; Royal Brompton & Harefield NHS Trust

17:00  Management of critical pulmonary hypertension
S. Senz, U. Molotiros; Hannover Medical School

17:30  Protective lung ventilation strategies: for donors and recipients?
F. Valenza; Ospedale Maggiore Policlinico, Milan

18:00  Contemporary management of severy primary graft dysfunction
L. Algotsson; Skane University Hospital

16:30 - 17:30, Room F1

904 Thoracic Workshop continued

16:30  Double-lumen tubes (L. Szegedi / K. Kirnõ)
Endobronchial blockers (E. Cohen)
Epidural and paravertebral thoracic blocks (M. Senturk / P. Nellgård)

Station 1. Left-sided double lumen tubes (M. Granell, J. Bence)
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Station 7. Viva Sight tubes (L. Szegedi, R. Stoica)
Station 8. Thoracic epidural & paravertebral blocks (M.J. Jimenez, M. Granell, M. Senturk)

19:00
Dinner
08:30 - 10:30, Room F4/F5

**1001 Panel on right ventricular physiology, pathophysiology and treatment**

08:30  **Right ventricular physiology and pathophysiology**
A. Reddington; Cincinatti

09:00  **Echocardiographic imaging of the right heart**
M. Seeberger; University of Basel

09:30  **OP130 Effect of Levosimendan on diastolic function in patients underdigeing coronary artery bypass grafting - a comparative study**
Vishwas Malik, Arun Subramanian; All India Institute of Medical Sciences

09:40  **OP131 Effects of Milrinone and Epinephrine or Dopamine on Biventricular Function and Haemodynamics in an Animal Model with Right Ventricular Failure after Pulmonary Artery Banding.**
Janus Adler Hyldebrandt, MD, Eleonora Sivén MD, Peter Agger MD, Christian Alcaraz Frederiksen MD PhD, Johan Heiberg MD, Kristian Wemmelund MD, Hanne Berg Ravn MD PhD DMSc; Departments of Anaesthesia and Intensive Care, Cardiothoracic and Vascular Surgery, Aarhus University Hospital, Aarhus, Denmark. Institute of Clinical Medicine, Aarhus University, Aarhus, Denmark. Department of Biomedicine, Aarhus University, Denmark.

09:50  **OP132 A Retrospective Comparison of Aerosolized Milrinone and Aresolized Iloprost in the Setting of Post Bypass Pulmonary Hypertension**
Theofani Antoniou, Christina Antzaka, Panagiota Rellia, Apostolos Thanopoulos, Kassiani Theodoraki; ’Onasis Cardiac Surgery Center, Athens, Greece, ‘Aretaieion University Hospital, Athens, Greece

10:00  **Treatment of pulmonary artery hypertension and right ventricular failure**
D. Greenhalgh; WYTHENSHAWE HOSPITAL
## 08:30 - 10:30, Room F2/F3
### 1002 EACTA/SCA panel

### 08:30
**Strategies for blood conservation in cardiac surgery**  
L. Shore Lesserson; LIJ Medical School

### 09:00
**Management of heparin resistance during cardiopulmonary bypass**  
A. Finley; Medical university of South Carolina

### 09:30
**Reoperation due to bleeding is not associated with severe postoperative complications. Timing might be essential?**  
Sandeep Tambe, Jacob Greisen, Linda Aagaard Rasmussen, Carl-Johan Jakobsen; Aarhus University Hospital, Aarhus, Denmark

### 09:40
**Does topical tranexamic acid reduce the postoperative bleeding in patients undergoing primary valve replacement surgery?**  
Kanagarajan Natarajan, Nimisha Mariam Eapen, Gomathy Jeeva, Benjamin Ninan; Institute of Cardiovascular Diseases, Madras Medical Mission Hospital

### 09:50
**Influence of red blood cell transfusion on SvcO2 after cardiovasular surgery**  
Nordine Zeroual, Gianluca Samarani, Jules Galais, Marine Saour, Marc Mourad, Géraldine Culas, Remy Coves, Jacob Eliet, Philippe Gaudard, Pascal Colson; DAR ADV, CHRU Montpellier, France

### 10:00
**Ideal use of Factor VIIa in perioperative bleeding**  
R. Gill; Southampton

## 08:30 - 10:30, Room G4
### 1003 Intensive care panel II Haemodynamic management

### 08:30
**Therapeutic use of ventriculo-arterial coupling relationship**  
F. Guarracino; AZIENDA OSPEDALIERA UNIVERSITA

### 09:00
**Mechanical circulatory support for severe heart failure**  
P. Colson; Montpellier

### 09:30
**Support with intra-aortic balloon pump vs. Impella2.5® and organ blood flow – an experimental closed-chest porcine model of ischaemic heart failure**  
Ole K. Møller-Helgestad, Christian B. Poulsen, Evald H. Christiansen, Jens F. Lassen, Hanne B. Ravn; 1Department of anaesthesiology and intensive care Aarhus University, 2Department of cardiology Aarhus University, 3Department of cardiology University of Copenhagen, 4Department of Cardiothoracic anaesthesiology University of Copenhagen.

### 09:40
**Assessment of intraoperative Trans Oesophageal image quality and adherence to British Society of Echocardiography guidelines**  
Anand Jain, Giampaolo Martinelli, Andrzej Zmuda, Maria Rita Lombrano; 1Manchester Royal Infirmary, UK, 2New Cross Hospital, Woverhampton, UK

### 09:50
**Incidence of Intracranial haemorrhage in patients undergoing VV-ECMO; retrospectperspective single centre review**  
Bramley K, Barnes A, Ashworth A, Fedor I, Stirling S, Barker J, Malagon I; University Hospital South Manchester

### 10:00
**Beta-adrenergic blockers or positive inotropes for severe sepsis?**  
A. Morelli; Rome
08:30 - 17:10, Room F1

**1004 Trainee Course**

**08:30**  
**Assessment of the patient for thoracic surgery**  
G. della Rocca; Azienda ospedaliero-Universita Udine

**09:10**  
**Anaesthesia for peripheral vascular surgery**  
S. Howell; University of Leeds

**09:50**  
**Perioperative mechanical support of the circulation**  
F. Guarracino; University of Pisa

**10:30**  
**Coffee Break**

**10:50**  
**Current techniques of cardiopulmonary bypass**  
G. Kunst; Kings College London

**11:30**  
**Pharmacology for cardiothoracic anaesthesia**  
R. Gill; South Hampton

**12:10**  
**Cardiac arrhythmias and their management**  
J. Erb; Heart Center Leipzig University

**12:50**  
**Lunch Break**

**13:30**  
**Quality assessment in cardiac anaesthesia**  
P. Rosseel; Department of Anesthesiology, Amphia Hospital, Breda, the Netherlands

**14:10**  
**Critical care following heart surgery**  
M. Crivellari; IRCCS San Raffaele Scientific Institute

**14:50**  
**Weaning from cardiopulmonary bypass**  
A. Flo-Forner; Heart Center Leipzig University

**15:30**  
**Coffee Break**

**15:50**  
**Adverse effects of one-lung mechanical ventilation**  
V. von Dossow; Medizinische Universität München

**16:30**  
**Anaesthetic management of abdominal aortic surgery**  
H. El-Ashmawi; Cairo University

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**10:30 - 11:00**

**Coffee break and Exhibition**
11:00 - 13:00, Room F4/F5

1101 Pro/con panel on colloid solutions for volume replacement in cardiac surgery

11:00 Colloid solutions should be used
Ph. Van der Linden; Brussels

11:30 OP159 Effects of colloids and crystalloids on extravascular lung water content in cardiac surgery patients: randomized controlled equivalence trial
Evgeny Fominskiy, Vladimir Lomivorotov, Gleb Moroz; Academician EN Meshalkin
Novosibirsk Research Institute of Circulation Pathology

11:40 OP160 Modern hydroxyethyl starch and Acute Kidney Injury after cardiac surgery: a prospective multicenter cohort
M. Vives1, R. Callejas1, P. Duque1, G. Echarri2, A. Hernandez1, A. Sabate1, M. Bes1, P. Monedero1 on behalf of the „Grupo Español de Disfunción Renal tras Cirugía Cardíaca“ (GEDRCC); 1Hospital Universitari Bellvitge, University of Barcelona, 2Clinica Universidad de Navarra, University of Navarra, 3University Hospital of South Manchester NHS Trust

11:50 OP161 Prophylaxis of postoperative nausea and vomiting (PONV) in fast-track cardiac anaesthesia
Elham Hasheminejad; University of Leipzig

12:00 OP162 The effects of hydroxyethyl starch (130/0.4) as the priming solution on microcirculation in coronary bypass grafting (CABG) surgery
Banu Kılıçaslan, Bilge Celebioğlu, Hemra Çil, Meral Kanbak; Hacettepe University, Faculty of Medicine, Dept. of Anesthesiology and Reanimation

12:10 OP163 Effects of colloid solutions on kidney integrity in cardiac surgery patients: a post-hoc analysis of a randomized study
Evgeny Fominskiy, Vladimir Lomivorotov, Gleb Moroz; Academician EN Meshalkin
Novosibirsk Research Institute of Circulation Pathology

12:20 OP164 Predicting Renal Failure in a Single Cardiac Centre.
C. Hamilton1, L. Feddy1, S. White1, L. Feddy1, D. Greenhalgh1, I. Malagon1. Statistics by S Whiteside, MSc1; University Hospital of South Manchester, Wythenshawe UK.

11:00 - 13:00, Room F2/F3

1102 Haemostasis panel II: Pro-Con Debates

11:00 Fibrinogen should be used in cardiac surgery - yes
A. Jeppsson; Sahlgrenska University Hospital

11:30 Fibrinogen should not be used in cardiac surgery - no
W. Dietrich; München

12:00 Aprotinin should be used in cardiac surgery - yes
J. Levy; Duke University School of Medicine

12:30 Aprotinin should not be used in cardiac surgery - no
A. Koster; Bad Oeynhausen
11:00 - 12:00, Room G4

1103 Best Poster Presentation

11:00 Experimental Ex Vivo Lung Perfusion with Sevoflurane: Effect on donors after circulatory death (DCD) lung grafts in a rodent model.
Xingyu Wang1, Cyril Francioli1, Roumen Parapanov1, Carlo Marcucci3, Christian Kern3, Jean Yannis Perentes3, Michel Gonzalez2, Lucas Liaudet2, Thorsten Krueger1 and Fabrizio Gronchi3; From the Department of Thoracic and Vascular Surgery, the Department of Intensive Care Medicine, and the Department of Anesthesiology

11:10 The chronic vs acute effects of atenolol on intestinal ischemia and reperfusion injury in atherosclerotic rats
Tulun Ozturk1, Kamil Vural2, Ibrahim Tuğlular3, Ahmet Var1, Taner Kuralı2, Işıl Aydemir2, Omer Erdoğan3; 1Anesthesiology and Reanimation, 2Pharmacology, 3Histology, Biochemistry and Cardiovascular Surgery Celal Bayar University Faculty of Medicine

11:20 Risk factors for ICU delirium after cardiac surgery
Gabor Zilahi, Orsolya Miskolci, Martin Lenihan, Aogan O Muircheartaigh, Wahid Altaf, Fauzi Othman, Brian Marsh, Roisin Ni Mhuircheartaigh; Mater Misericordiae University Hospital

11:30 Postoperative delirium following cardiac surgery: an analysis of incidence, risk factors and outcome
Judita Andrejaitiene1,2, Edmundas Sirvinskas1,2; 1Institute of Cardiology at the Lithuanian University of Health Sciences, 2Department of Cardiac, Thoracic and Vascular Surgery of Hospital of Lithuanian University of Health Sciences Kauno klinikos Kaunas, Lithuania

11:40 Effects of sevoflurane vs. propofol on mitochondrial functional activity after ischemia-reperfusion injury in patients undergoing CABG surgery with cardiopulmonary bypass
Aida Kinderyte1, Edmundas Sirvinskas2,3, Andrius Macas1, Liuda Brogiene1, Tadas Lenkutis1, Vilmante Borutaite1; 1The Department of Anesthesiology, Hospital of Lithuanian University of Health Sciences, Kaunas, Lithuania, 2The Department of Cardiac, Thoracic and Vascular Surgery, Hospital of Lithuanian University of Health Sciences, Kaunas, Lithuania, 3Institute of Cardiology, Lithuanian University of Health Sciences, Kaunas, Lithuania, 4Biochemical Laboratory of the Institute of Neurosciences, Lithuanian University of Health Sciences, Kaunas, Lithuania

11:50 Are colloids associated with mortality and increased risk of acute kidney injury in patients undergoing elective abdominal aortic aneurysm repair?
Dominik G. Haider1, Martin Bernardi1, Michael Hagmann1, Michael J. Hiesmayr2, Andrea Lassnigg2; 1Department of Nephrology, Internal Medicine 1, Medical University of Vienna; 2Dept. of Cardiothoracic and Vascular Anaesthesia and Intensive Care, Medical University of Vienna; 3Institute of Medical Statistics, Medical University of Vienna
13:00 - 14:00
Lunch Symposia

13:00 - 14:00, Poster Exhibition Area

PS4 Poster Session 4

13:00  P19  Postextubation stridor in neonates and children undergoing cardiac surgery: Two year of institutional experience
Aynur Camkiran Firat; From the Departments of Anesthesiology Baskent University Faculty of Medicine, Ankara, Turkey

13:08  P20  Effect of prolonged aortic cross-clamping time on the incidence of acute kidney injury after cardiac surgery.
Philippe Dewolf1, Kim Engelen1, Frank Jans1, Willem Boer1, Pascal Vanelderen1, Margot Vander Laenen1, Herbert Gutermann2; 1 Department of Intensive Care Medicine, Ziekenhuis Oost-Limburg, Genk, Belgium, 2 Department of Cardiac Surgery, Ziekenhuis Oost-Limburg, Genk, Belgium

13:16  P21  Can we predict Acute Kidney Injury (AKI) following Coronary Artery Bypass Surgery (CABG)?

13:24  P22  Association of the portoperative trend of B-Type natriuretic peptide (BNP) vlaues and cardiac morbidity and mortality
Eckhard Mauermann1, Daniel Bolliger1, Manfred Seeberger1, Esther Seeberger1, Miodrag Filipovic1, Giovanna Lurati Buse1; 1 Basel University Hospital, Basel, Switzerland; 2 Hirslanden Clinic, Zurich, Switzerland; 3 St. Gallen Cantonal Hospital, St. Gallen, Switzerland

13:32  P23  Changes in the psychsocial status after cardiac surgery in a 10-years follow-up study
Enikő Holndonner-Kirst1,3 Lili Varga3, Daniel Lex1, János Gál1, Andrea Szekely3; 1 Semmelweis University, Department of Anaesthesiology and Intensive Therapy, 2 Semmelweis University, Faculty of Medicine, 3 Semmelweis University, School of PhD Studies

13:40  P24  The influence of Dexmedetomidine on the quantity of postoperative cognitive disorders after cardiac surgery.
Piotr Jakubow; Cardiosurgery Department

13:48  P25  Leipzig-Basel experiences with EACTA Fellowship program
Protsyk V, Fassl J, Maurer M, Ender J; 1 Department of Anaesthesiology and Intensive Care Medicine, Heartcentre, University Leipzig, Germany, 2 Department of Anaesthesiology and Intensive Care Medicine, University Hospital Basel, Switzerland
13:00 - 14:00, Poster Exhibition Area

**PS5 Poster Session 5**

13:00  P26  Oxygen balance and systemic inflammation after cardio-pulmonary bypass in elderly patients with different intensive care duration
Lev Krichevskiy1, Eugeniy Baliner1, Alexandr Urbanov1, Alla Laptevi1, Nikolay Semenychev1; 1Filatov Hospital #15, 2Negovskiy Research Institution of the General Reanimathology

13:08  P27  Pulmonary and Labor isolation in a patient with aspercilloma within a tuberculous cavity
Granell M1,3, Arnau A2,3, García del Olmo E1, González L1, Guijarro R2,3, de Andrés JA1,2; 1Anesthesiology, Critical Care and Pain Relief Department. 2Thoracic Surgery Department (University General Hospital of Valencia). 3University of Valencia, Spain (Medicine. Surgery Department. Anesthesiology).

13:16  P28  Comparison of Crystalloid and Colloid solutions on extravascular lung water and lung resection
Zerrin Sungur; Istanbul University

13:24  P29  Effects of Thoracic epidural analgesia on Cytokine response for onle lung Anaesthesia
Zerrin Sungur; Istanbul University

13:32  P30  Effects of the non-dependent high–frequency jet ventilation on quality of operative field and oxygenation during one-lung ventilation for video-assisted thoracoscopic surgery
Fatma Nur Kaya, Serkan Terkanlıoglu, Elif Basagan-Mogol; Uludag University

13:40  P31  Carotid endarterectomy in octogenarians: a 5-years single centre experience
Laura Pasin1, Pasquale Nardelli1, Daniela Febres1, Alessandro Belletti1, Omar Saleh1, Mattia Bellandi1, Livia Manfredini1, Gianluca Paternoster2, Giovanni Landoni1,3, Alberto Zangrillo1,2; 1Department of Anaesthesia and Intensive Care, IRCCS San Raffaele Scientific Institute, Milan, Italy, 2Department of Cardiovascular Anaesthesia and Intensive Care, San Carlo Hospital, Potenza, Italy, 3Vita-Salute San Raffaele University, Milan, Italy

13:48  P32  Comparison of two methodologies; ultrason guided perivascular regional anaesthisa of the internal carotid artery and depp cervical plexus block of carotid surgery
Aynur Camkiran Firat; From the Departments of Anesthesiology Baskent University Faculty of Medicine, Ankara, Turkey
13:00 - 14:00, Poster Exhibition Area

**PS6 Poster Session 6**

13:00  **P33**  Implications of transoesophageal echocardiography in decision making during cardiac surgery
Muharrem Kocyigit, Sahin Senay, Ozgen Ilgas Kocyigit, Ahmet Umit Gullu, Elif Akpek, Cem Alhan; Acibadem University Istanbul

13:08  **P34**  Intraoperative intracardiac echocardiography (ICE) during CABG surgery – A case report
Sascha Treskatsch\(^1\), Torsten Geyer\(^1\), Herko Grubitzsch\(^2\), Pascal Dohmen\(^2\), Michael Sander\(^1\); \(^1\) Charité - Universitätsmedizin Berlin, Department of Anesthesiology and Intensive Care Medicine; \(^2\) Charité - Universitätsmedizin, Department of Cardiovascular Surgery

13:16  **P35**  The effects of epicardial high-intensity focused ultrasound and conventional cryoablation for MAZE procedures on the postoperative time course of high sensitive troponin t.
Matthias Heringlake\(^1\), Johann Bremer\(^1\), Astrid Berggreen\(^1\), Efstratios Charitos\(^2\), Thorsten Hanke\(^3\), Hauke Paarmann\(^3\); \(^1\) Departments of Anesthesiology and Thoracic Vascular and Cardiac Surgery, \(^2\) University of Luebeck, Luebeck, Germany

13:24  **P36**  Evidence of staphylococcal exposure following angiography being responsible for increased anti-staphylococcal antibodies in cardiac surgical patients
Sarka Moravcova\(^1\), Bonnie Kyle\(^2\), Thomas Treibel\(^2\), Andrew Smith\(^2\), Patricia Colques-Navarro\(^3\), Roland Molby\(^3\), Colin Hamilton-Davies\(^3\); \(^1\) Royal Brompton & Harefield NHS Trust, London, UK, \(^2\) UCL Hospitals, London, UK, \(^3\) Karolinska Institute, Stockholm, Sweden

13:32  **P37**  Trace elements and antioxidant response on cardiopulmonary bypass system
T. Tuncer Peker, M. Tulunay; Ankara University Medical Faculty

13:40  **P38**  Neuropsychological disorders after cardiac surgery with CPB: what harms more?
Yergali Miyerbekov\(^1\), Tleuberdi Kuandykov\(^2\), Vladimir Mutagirov\(^2\); \(^1\) National Scientific Centre of Surgery, \(^2\) City Clinical Hospital №7

13:48  **P39**  Analysis of postoperative pulmonary complications after 120 patients lung resection
M. Granell\(^1\), M. Conrado\(^1\), A. Arnau\(^2\), E. García del Olmo\(^3\), R. Guijarro\(^3\), JA. de Andrés\(^4\); \(^1\) Anesthesiology, Critical Care and Pain Relief Department, \(^2\) Thoracic Surgery Department (University General Hospital of Valencia), \(^3\) University of Valencia, Spain (Medicine. Surgery Department. Anesthesiology).
FRIDAY, JUNE 26, 2015

14:00 - 14:45, Room F4/F5  
1201 Plenary lecture  
14:00  Protamine, is something fishy about? reversing old and new anticoagulants  
J. Levy; Duke University School of Medicine

14:45 - 15:30, Room F4/F5  
1301 Plenary lecture  
14:45  Prophylactic steroids for prevention of postoperative organ dysfunction  
D. van Dijk; University Medical Center Anaesthesiologist intensivist

15:30 - 15:45, Room F4/F5  
1401 Price Awards

15:45 - 16:00, Room F4/F5  
Closing Ceremony
Wednesday, June 24, 13:00 - 14:00
MAQUET Lunch Symposium
Ventilation in cardio-thoracic anesthesia: challenges and solutions

13:00    Lung protection during one lung ventilation
         M. Senturk; Istanbul

13:20    New monitoring tools to optimize ventilatory settings in thoracic surgery
         C. Ferrando; Valencia

13:20    Experiences with FLOW-i in the cardiothoracic OR
         Per Nellgård; Gothenburg