

**Hall I:**

**08.30 - 08.45 Wellcome address**

*Lila Papadimitriou (Athens, Greece) & Marco Ranucci (Milan, Italy)*

**08.45 - 10.00 Blood glucose control in cardiac surgery**

**- sponsored by educational grant from Edwards Lifesciences**

**10.00 - 10.30 Coffee & Exhibition**

**10.30 – 11:30 Panel: Vascular**

*Moderators: Mairi Vassil (Athens, Greece) & Balthasar Eberle (Bern, Switzerland)*

- Surgery in deep hypothermic circulatory arrest: still much to study

*Kai Kiviluoma (Oulu, Finland)*

- Perioperative renal failure

*Marco Ranucci (Milan, Italy)*

**11:30 - 13.00 Oral I – Haemostasis**

*Moderators Stavroula Lacoumenta (Kalithea, Greece) & Wulf Dietrich (Munich, Germany))*

O-01 Routine intraoperative thromboelastography reduces blood transfusions in paediatric cardiac surgery. *Birgitta Romlin, Håkan Wåhlander, Fariba Baghaei, Håkan Berggren, Anders Jeppsson, Krister Nilsson*

O-02 Haemodilution during cardiopulmonary bypass in paediatric cardiac surgery does not influence thromboelastography. *Birgitta Romlin, Håkan Wåhlander, Håkan Berggren, Fariba Baghaei, Anders Jeppsson, Krister Nilsson*

O-03 Thrombin dynamics in cardiac surgical patients. *Susanne Lison, Michael Spannagl, Wulf Dietrich*

O-04 Transfusion of shed mediastinal blood reduces the use of allogeneic blood transfusion without increasing complications. *Lars Folkersen, Niels Grunnet, Carl-Johan Jakobsen*

O-05 Assessment of optimal protamine-heparin reversal ratio by modified thromboelastometry (ROTEM) in cardiac surgery. *Nejma Mabrouk-Zerguini, Vincent Bréant, Julien Clarissoux, Elisabeth Vaissier, Stéphane Aubert, Pierre Coriat, Alexandre Ouattara*

O-06 Whole blood multiple electrode aggregometry (MEA) is a reliable point-of-care test of aspirin-induced platelet dysfunction. *Csilla Jambor, Christian Weber, Wulf Dietrich, Bernhard Heindl, Michael Spannagl, Bernhard Zwissler*

O-07 Point-of-care assessment of CPB-induced platelet dysfunction and the effect of DDAVP using multiple electrode aggregometry (MEA). *Csilla Jambor, Christian Weber, Wulf Dietrich, Christian Hofstetter*

O-08 Increased incidence of convulsive seizures following administration of tranexamic acid. *Michael Sander, Claudia Spies, Viktoria Martiny, Thomas Volk, Herko Grubitzsch, Christian von Heymann*

**13.00 - 14.30 Lunch**

**Hall II:**



**Panel: Complication of Cardiac Surgery**

*Moderators: Uwe Fotini Danou (Athens, Greece) & Peter Alston (Edinburgh, UK)*

- Inflammatory response to cardiac surgery

*Bodil Steen Rasmussen (Aalborg, Denmark)*

- Neurologic complications after cardiac surgery

*Bettina Jungwirth (Munich, Germany)*

**Oral II - Cardiopulmonary Bypass**

*Moderators: Bodil Steen Rasmussen (Aalborg, Denmark) & William T McBride (Belfast, UK)*

O-09 Epidural anaesthesia in elderly patients undergoing CABG. *Massimiliano Nuzzi, Elena Bignami, Giovanni Landoni, Valentina Testa, Anna Mizzi, Francesco Alfredo Garozzo, Remo Daniel Covello, Alberto Zangrillo*

O-10 Release of plasma free haemoglobin during cardiopulmonary bypass in heart valve surgery. *Jan Spegar, Jana Snircova, Tomas Vanek, on behalf of the MSM0021620817 study group*

O-11 The effects of deep hypothermic circulatory arrest on endotracheal tube leakage- preliminary results. *David Rubes, Jan Kunstyr, Jan Blaha, Jaroslav Lindner, Martin Stritesky, Michal Matias*

O-12 Same temperature during different technique of CABG. What is the microcirculation reaction? *Boris Akselrod, Irina Tolstova, Andrey Yavorovskiy, Armen Bunatian*

O-13 The efficacy and safety of tight blood glucose control during heart surgery: a systematic review and meta-analysis. *Peter Alston, Rebecca Grounds, Kristin Haga, Gordon Carter, Scott Clarke, Robert Loveless, Daniel Glyde, Katie Mcclymont, Bonnie Ng*

O-14 Influence of pump prime on postoperative acid-base status after elective CABG surgery: 6% HES 130/0.4 versus Gelatine. *Joris Vermassen, Ongena Marc, Donadoni Ruggero, Vanoverschelde Henk*

O-15 Changes in respiratory mechanics following cardiac surgery: prolonged deterioration of tissue mechanics in patients after cardiopulmonary bypass. *Barna Babik, Gergely Albu, Zoltan Hantos, Mariann Balazs, Gabor Bogats, Ferenc Petak*

O-16 Vasopressin deficiency contributes to vasodilatory syndrome after cardiac surgery. *Cedric Bernard, Olivier Attard, Anne Le Barbe, Philippe Gaudard, Jacob Eliet, Remy Coves, Gilles Guillon, Pascal Colson*

**Hall I:**

**14.30 - 16.00 Oral III – Echocardiography**

*Moderators: Patrick Wouters (Leuven, Belgium) & einz Tschernich (Vienna, Austria)*

- O-17 A comparison of the echocardiographic and the thermodilution method for measuring cardiac output in a swine model of cardiac arrest. Lila Papadimitriou, Eleni Bassiakou, Eleni Koudouna, Theodoros Xanthos
- O-18 Role of transoesophageal echocardiography (TOE) in the multimodal assessment of donor hearts for transplantation. Kristof Racz, Nandor Marczin
- O-19 The diagnostic accuracy of the A-view® method: assessing the distal ascending aorta for atherosclerosis using modified transoesophageal echocardiography. Bas van Zaane, Arno P. Nierich, George J. Brandon Bravo Bruinsma, Wolfgang F. Buhre, Peter M.J. Rosseel, Erik E.C. de Waal, Karel G.M. Moons
- O-20 Real Time 3D TOE guided sizing of the annuloplasty ring during mitral valve repair. Joerg Ender, Sarah Eibel, Stephan Jacobs, Michael Borger, Christoph Viola, Michael Gessat, Volkmar Falk, Chirojit Mukherjee
- O-21 Intraoperative transoesophageal echocardiographic evaluation of right ventricular geometry and function in patients undergoing left ventricular assist device implantation. Marian Kukucka, Alexander Stepanenko, Olaf Bretschneider, Alexander Mladenow, Hermann Kuppe, Helmut Habazettl
- O-22 Short term echocardiographic follow up of patients after percutaneous aortic valve replacement. Panagiota Georgiadou, Dimitrios Tsiapras, Marina Balanika, Mazen Chouri, Apostolos Thanopoulos, Staloulou Lakoumenta, Vasilios Voudris
- O-23 Echocardiography-Doppler assessment of left ventricle diastolic function after cardiac surgery. Géraldine Culas, Jacob Eliet, Philippe Gaudard, Olivier Attard, Anne Le Barbe, Remy Coves, Pascal Colson
- O-24 Use of transoesophageal echocardiography in German-speaking cardiac anaesthesia departments: results of a survey. Joerg Ender, Joachim Erb, Uwe Schirmer, Steffen Friese, Udo Kaisers, Claudia Spies, Mark Wittmann

**16.00 - 16.30 Coffee & Exhibition**

**16.30 - 18.00 Joint EACTA-EACTS: Percutaneous Valve Implantation**

*Moderators: Marco Ranucci (Milan, Italy) & Thomas Walther (Leipzig, Germany)*

- The cardiologist's point of view.  
Vasilios Voudris (Athens, Greece)
- The cardiac surgeon's point of view  
Thomas Walther (Leipzig, Germany)
- The anaesthesiologist's point of view  
Carl-Johan Jakobsen (Aarhus, Denmark)

**Hall II:**

**Oral IV - Anaesthetic Technique**

*Moderators: Jouko Jalonen (Turku, Finland) & Luigi Vetrugno (Udine, Italy)*

- O-25 Anaesthesia options for transcatheter aortic valve implantation in high-risk patients with severe aortic stenosis. Reto Basciani, Sebastien Trachsel, Claudia Zobrist, Gabor Erdoes, Stefan Windecker, Thierry Carrel, Balthasar Eberle
- O-26 Haemodynamic effects of Schnider and Marsh pharmacokinetic models for propofol are similar during induction of anaesthesia for cardiac surgery. João Viterbo, Filipe Vieira, André Lourenço.
- O-27 The use of continuous monitoring of right ventricular and pulmonary artery diastolic pressures in cardiac surgery. Shitalkumar Shah, Giulia Ranaldi, Mark Dougherty, Tommaso Siciliano, Peter Elliott, William McBride
- O-28 The reliability of continuous mixed venous oxygen saturation monitoring after on-pump cardiac surgery. Matthias Heringlake, Demyan Shpachenko, Matthias Bechtel, Thorsten Hanke, Hermann Heinze, Heinrich-Volker Groesdonk, Klaus-Ulrich Berger, Julika Schön
- O-29 A high-calorie diet improves survival, myocardial function and cachexia in monocrotaline-induced pulmonary hypertension and heart failure in rats. André Lourenço, Francisco Vasques-Nóvoa, Roberto Roncon-Albuquerque Jr, João Viterbo, Carmen Brás-Silva, Adelino Leite-Moreira
- O-30 The effects of paracetamol, non-steroidal anti-inflammatory drug (diclofenac sodium) and tramadol in treatment of postoperative pain after cardiac surgery. Yasar Arslan, Turkan Coruh, Nihan Yapici, Zuhai Aykac
- O-31 Prevention of temperature 'after drop' after CABG surgery with normothermic cardiopulmonary bypass using an underbody forced warm-air blanket. John Heijmans, Julianka Teodorczyk, Walter van Mook, Dennis Bergmans, Paul Roekaerts
- O-32 Audit on fast track cardiac anaesthesia in Northern Ireland. Shitalkumar Shah, William McBride, Bharathi Varadarajan,

**Coffee & Exhibition**

**WORKSHOPS**

**Hands-on THORACIC WORKSHOP;**

*Moderators: Giorgio Della Rocca (Udine, Italy), Edmond Cohen (New York, USA), Lambros Athanassiou (Athens, Greece), Periklis Giannakopoulos (Athens, Greece), Mert Şentürk (Istanbul, Turkey)*

**How to write an ABSTRACT;**

*Moderators Manfred Seeberger (Basel, Switzerland) & Mio Filipovic (Basel, Switzerland)*



**Hall I:**

**08.30 – 10.00 Panel Congenital -**

*Moderators: Prodrimos Azariades (Athens, Greece) & John Gothard (London, UK)*

- Life without aprotinin in paediatric cardiac surgery  
*Philippe Pouard (Paris, France)*
- Re-operations in congenital heart surgery  
*John Gothard (London, UK)*
- Building networks and collaboration in paediatric cardiac anaesthesia  
*Philip Arnold (Liverpool, UK)*

**10.00 - 10.30 Coffee & Exhibition**

**10.30 - 11.30 Oral V - Vascular Anaesthesia**

*Moderators: Romuald Lango (Gdansk, Poland) & Mio Filipovic (Basel, Switzerland)*

- O-33 Endovascular repair of traumatic aortic transection: six years of experience  
*Eleftherios Chalvatzoulis, Pavlos Papoulidis, Olga Ananiadou, Elias Karfis, Harilaos Koutsogiannidis, Anastasia Apostolidou, Angelos Megalopoulos, George Trellopoulos, Konstantinos Papadopoulos, George Drossos*
- O-34 Fluid management during abdominal aortic aneurysm repair. *Ilaria Blangetti, Marco Bertora, Carla Avallato, Vladimir Erardi*
- O-35 Anaesthesia for emergency surgical pulmonary embolectomy for massive pulmonary embolism. *Reto Basciani, Markus Rehsteiner, Alexander Kadner, Claudia Zobrist, Sebastien Trachsel, Juerg Schmidli, Balthasar Eberle*
- O-36 Combined anaesthesia and postoperative epidural analgesia in patients with COPD undergoing abdominal aortic aneurysm repair. *Venetiana Panaretou, Cryso Loizou, Konstantinos Filis, George Sanidas, Ioannis Papazoglou, Cristiana Panaretou, Fany Kremastinou, Maria Gouliami*
- O-37 The effect of combined anaesthesia with epidural postoperative analgesia on splanchnic perfusion in patients undergoing abdominal aortic aneurysm repair  
*Venetiana Panaretou, Chryso Loizou, Konstantinos Filis, George Sanidas, Ioannis Papazoglou, Christiana Panaretou, Fany Kremastinou, Maria Gouliami*

**11.30 – 12:00 General Assembly**

**12.00 – 13:00 Poster I - Cardiac Anaesthesia**

*Moderators: Liana Drakotou (Thessaloniki, Greece) & Peter Alston (Edinburgh, UK)*

- P-01 Effects of nitrous oxide and desflurane on cardiovascular responses to endotracheal intubation in cardiothoracic anaesthesia patients. *Sung-Su Chung, Kyung-Yeon Yoo, Nam-Gi Park, Chang-Young Jeong, Sang-Hyun Gwak*
- P-02 Acute normovolaemic haemodilution during cardiac surgery under cardiopulmonary bypass. *Vladimir Lomivorotov, Vladimir Shmirev, Sergey Efremov, Lyudmila Lomivorotova, Mikhail Deryagin*
- P-03 Haemodynamic, metabolic and haemostatic effects of 6% HES 130/0.4 usage as a priming solution in addition to Ringer's solution in CABG operations. *Murat Aksun, Ertan Damar, Tayfun Goktogan, Engin Yilmaz, Gulcin Aran, Atilla Sencan, Ali Gurbuz, Nagihan Karahan*

**Hall II:**

**Panel: Echocardiography**

*Moderators: Manfred Seeberger (Basel, Switzerland) & Demosthenis Katritsis (Athens, Greece)*

- EACTA/EAE certification in TEE: changes in the process, hot topics.  
*Rob Feneck (London, UK)*
- ECHO in MV repair  
*George Athanassopoulos (Athens, Greece)*
- TEE in reconstructive mitral surgery: is 3D echo superior to 2D echo?  
*Fabio Guarracino (Pisa, Italy)*

**Coffee & Exhibition**

**Oral VI - Organ Protection**

*Moderators: Pascal Colson (Montpellier, France) & Antigone Bakola (Thessaloniki, Greece)*

- O-38 The effect of continuous negative external cuirass ventilation on arterial blood gas measurements in volunteers. *Giulia Ranaldi, Tommaso Siciliano, Brian Trethowan, Mark Dougherty, Peter Elliott, Sabino Scolletta, Pierpaolo Giomarelli, David Linton, William McBride*
- O-39 The haemodynamic effects of continuous negative external cuirass ventilation in volunteers. *Giulia Ranaldi, Mark Dougherty, Tommaso Siciliano, Brian Trethowan, Sabino Scolletta, Pierpaolo Giomarelli, Salvatore-Mario Romano, Peter Elliott, David Linton, William McBride*
- O-40 Use of the RTX cuirass ventilator® improves cardiac cycle efficiency (CCE) in extubated cardiac surgery patients. *Giulia Ranaldi, Mark Dougherty, Tommaso Siciliano, Peter Elliott, Sabino Scolletta, Pierpaolo Giomarelli, Brian Trethowan, David Linton, William McBride*
- O-41 Can ascorbic acid prevent the onset of postoperative atrial fibrillation? *Pavlos Papoulidis, Eleftherios Chalvatzoulis, Olga Ananiadou, Harilaos Koutsogiannidis, Elias Karfis, Athanasios Madesis, Theodoros Karaiskos, Vassiliki Tsaprali, Theodora Asteri, Georgios Drossos*
- O-42 Early decrease in procalcitonin is a good marker of successful initial treatment in severe postoperative pneumonia. *Julien Fendeleur, Anne Le Barbe, Olivier Attard, Julien Sourrouque, Philippe Gaudard, Jacob Eliet, Pascal Colson*

**General Assembly**

**Poster II - Risk Factors and Outcome**

*Moderators: Isabel Fragata (Lisbon, Portugal) & Peter MJ Rosseel (Breda, The Netherlands)*

- P-13 Pneumonectomy following high-dose radiotherapy and concurrent chemotherapy. Is perioperative fluid restriction necessary? *Nikolaos Barbetakis, Michalis Vassiliadis, Dimitrios Paliouras, Christos Asteriou, Souzana Anisoglou, Konstantina Lyriti, Eleni Mavroudi, Ourania Dioritou, Katerina Antypa, Christodoulos Tsilikas*
- P-14 Fast-track rehabilitation following video-assisted thoracic surgery for solitary or multiple pulmonary nodules. *Nikolaos Barbetakis, Michalis Vassiliadis, Dimitrios Paliouras, Christos Asteriou, Eleni Mavroudi, Ioannis Katsikas, Chryssa Stachtari, Androniki Konstantinidou, Katerina Antypa, Christodoulos Tsilikas*

## Poster I - Cardiac Anaesthesia – cont'

- P-04 Decreased blood transfusion requirements by point-of-care coagulation management using thromboelastometry and impedance aggregometry in cardiac surgery. *Klaus Görlinger, Alexander Hanke, Lars Bergmann, Markus Kamler, Heinz Jakob, Matthias Hartmann, Jürgen Peters*
- P-05 Levosimendan improves haemodynamic stability in coronary artery bypass surgery patient with compromised left ventricular function. *Petros Tzimas, Helen Arnaoutoglou, Kostas Krikonis, Georgios Papadopoulos*
- P-06 Levosimendan in cardiac surgery: a meta-analysis of randomized controlled studies. *Elena Bignami, Massimiliano Nuzzi, Giovanni Landoni, Anna Mizzi, Valentina Testa, Ilaria Belloni, Laura Como, Alberto Zangrillo*
- P-07 Decision-making strategy for systolic anterior motion following mitral valve repair. *Elena Bignami, Massimiliano Nuzzi, Giovanni Landoni, Alessandro Oriani, Anna Mizzi, Francesco Distaso, Tiziana Fusco, Alberto Zangrillo*
- P-08 Pregabalin pre-treatment reduces intraoperative analgesic requirements in a swine model of ventricular fibrillation. *Lila Papadimitriou, Eleni Koudouna, Eleni Bassiakou, Theodoros Xanthos*
- P-09 High thoracic epidural anaesthesia in cardiac surgery: combined vs. awake techniques. *Aldo Manzato, Mario Frontini, Nicole Limone, Elena Porterì*
- P-10 The effect of vasopressin use on postoperative outcome of cardiac patients with low ejection fraction. *Anastasios Petrou, Nikolaos Baikousis, Helen Arnaoutoglou, Helen Sintou, Constantinos Krikonis, Georgios Papadopoulos*
- P-11 Comparative effects of vasopressin and norepinephrine on graft flow after off pump coronary artery bypass graft. *Sung Yong Park, Jin Soo Kim, Dae Hee Kim, Sun Kyung Park, Yong Woo Hong*
- P-12 The systemic inflammatory response in coronary artery bypass surgery patients with a very low ejection fraction. *Elias Karfis, Petros Tzimas, Georgios Drosos, Georgios Papadopoulos*

13.00 - 14.30

**Lunch**

## Poster II - Risk Factors and Outcome – cont'

- P-15 Serum C-reactive protein and adherence to the Mediterranean diet in patients with coronary artery disease. *Mahdi Najafi, Mehrdad Sheikhatvatan, Mahmood Sheikhatollahi,*
- P-16 Audit of pre-operative haemoglobin optimization in patients presenting for cardiac surgery. *Brian Foster, Helen Gilliland*
- P-17 Usefulness of preoperative levosimendan in patients with poor left ventricular function. *Petru Deutsch, Horia Cioloca, Marius Sintean, Adelina Lazarescu, Natalia Varcus*
- P-18 Monitoring of procalcitonin, interleukin-6 and brain natriuretic peptide in cardiac surgery. *Riccardo Barchetta, Mauro Falco, Claudio Dicorato, Federica Mounayergi, Federico Candidi, Franco Turani*
- P-19 Comparative study of volatile anaesthetics in patients undergoing coronary surgery with CPB: changes of cardiomarkers. *Yergali Miyerbekov, Telzhan Tnymkulov*
- P-20 The inflammatory response after different types of cardiac surgery. *Inga Karu, Günter Taal, Joel Starkopf*
- P-21 Carotid stenosis and stroke after coronary artery bypass surgery. *Olga Ananiadou, Pavlos Papoulidis, Eleftherios Chalvatzoulis, Dimitra Giannopoulou, Elias Karfis, Harilaos Koutsogiannidis, Theodoros Karaiskos, Athanasios Madesis, Ioanna Tsagaropoulou, George Drossos*
- P-22 Effect of mannitol on renal function after coronary surgery and cardiopulmonary bypass. *Anna Flo, Monica Rodríguez, Maite Sariñena, Adrià Escudero, Enric Moret, Eva Massó, Marisa Cámara*
- P-23 Venous thrombosis and pulmonary embolism in the postoperative period: the role of genetic factors. *Yergali Miyerbekov, Zhanibek Artykbayev, Gulnara Svyatova, Vladimir Mutagirov*
- P-24 Perioperative evaluation and modification of cardiac risk in patients with cardiovascular disease undergoing noncardiac surgery: current practice in Bavaria *Claudia Siebel, Gerhard Batz, M. Martin, Max Kirmse, Michael Dinkel*

## Lunch Symposium - sponsored by educational grant from NOVO NORDISK

Moderators: *Marco Ranucci (Milan, Italy), Christian von Heymann (Berlin, Germany) & Jerrold H. Levy (Atlanta, USA)*



### Hall I:

#### 14.30 - 16.00 Oral VII - Drugs & Fluids

Moderators: David Smith (Southampton, UK) & Daniela Filipescu (Bucharest, Romania)

- O-43 Inflammation and cytochrome P450-dependent drug metabolism in patients with acquired valvular heart disease. Valery Nepomniashchikh, Vladimir Lomivorotov, Michail Deryagin, Lubov Kniazkova, Maxim Novikov
- O-44 Levosimendan in patients with acute myocardial ischaemia undergoing emergency surgical revascularization. Andreas Lehmann, Arndt Holger Kiessling, Frank Isgro, Johannes Lang, Joachim Boldt
- O-45 The effects of levosimendan compared with milrinone in cardiac surgery patients. Christos Chamos, Theodora Daidou, Elias Delis, Eleftherios Costopoulos, Vasiliki Karameri, Ioannis Kokotsakis, Constantina Romana
- O-46 Utilization of levosimendan for low cardiac output after cardiac surgery Daniela Filipescu, Mihail Luchian, Oana Ghenu, Anca Prodea, Alina Calugareanu, Simona Marin, Horatiu Moldovan, Andrei Iosifescu, Ovidiu Chioncel, Luminita Iliuta
- O-47 Step by step volume management during off-pump coronary artery bypass grafting. Andrew Yavorovskiy, Irina Tolstova, Boris Akselrod, Armen Bunatian
- O-48 Efficiency of Potassium-Magnesium Asparaginate solution in maintenance of serum magnesium and potassium during coronary artery bypass grafting. Nina Trekova, Irina Tolstova, Maria Andrianova, Boris Akselrod
- O-49 Does hyperglycaemia attenuate the anti-arrhythmic property of magnesium therapy in cardiac surgery? Aloka Samantaray, C Sunil Kumar, Mangu Hanumantha Rao
- O-50 Predicting transfusions in cardiac surgery: the easier, the better. The Transfusion Risk and Clinical Knowledge (TRACK) Score. Marco Ranucci, Serenella Castelvechchio, Giuseppe Isgrò

#### 16.00 - 16.30 Coffee & Exhibition

#### 16.30 - 18.00 Panel ICU -

Moderators: Pascal Colson (Montpellier, France) & Hector Litvan (Barcelona, Spain)

- Does invasive hemodynamic monitoring improve patient outcome in the ICU following cardiac surgery? Kriton Filos (Patra, Greece)
- Postoperative atrial fibrillation after cardiac surgery  
Pascal Colson (Montpellier, France)
- New developments in post-operative heart failure.  
Antonio Bayes-Genis (Barcelona, Spain)

### Hall II:

#### Oral VIII - Cerebral Monitoring & Protection

Moderators: Noni Demesticha (Athens, Greece) & Michael Griffin (Dublin, Ireland)

- O-51 What is the best index of oxygen delivery during congenital heart surgery? Yuko Tomita, Satoshi Kurokawa, Yusuke Seino, Eriko Onuki, Minoru Nomura, Makoto Ozaki
- O-52 The relationship between carotid arterial flow and the left ventricular area is valid to indicate contractility in states of cerebral autoregulation and decreased arterial pressure. Jens Broscheit, Frank Weidemann, Burkhard Grein, Ralf Muellenbach, Frank Schuster, Aytaç Koca, Christine Lintner, Ekkehard Kunze, Jörg Brederlau, Paul Steendijk, Norbert Roewer, Clemens Greim
- O-53 Haemodynamic changes as determinants of jugular bulb desaturation during off-pump coronary artery surgery. Georgja Tsaousi, Antonis Pitsis, Despina Deliaslani, Vasilios Grosomanidis, Charisios Skourtis, Dimitrios Vasilakos
- O-54 Regional cerebral oxygen saturation (rSO<sub>2</sub>) during OPCABG by near infrared spectroscopy INVOS 4100. Emanuela Venti, Mauro Falco, Emanuele Di Marzio, Federico Candidi, Fabio Pierannunzi, Marco Modestini, Franco Turani
- O-55 Cerebral oximetry alterations during rapid pacing in transfemoral aortic valve replacement. Helena Argiriadou, Kyriakos Anastasiadis, Eva Thomaidou, Homiros Chalvatzoulis, George Sarlis, Vasileios Grosomanidis, Liana Drakotou, Christos Papakonstantinou
- O-56 Incidence and consequences of early hyperglycaemia after CABG surgery Olivier Attard, Julien Fendeleur, Rémi Coves, Philippe Gaudard, Anne Le Barbe, Brigitte Calvet, Jacob Eliet, Pascal Colson
- O-57 The neuroprotective effect of magnesium sulphate during brief cardiac arrests Harald Rinösl, Keso Skhirtladze, Beatrice Birkenberg, Bruno Mora, Barbara Steinlechner, Martin Dworschak
- O-58 Cognitive performance after on pump cardiac surgery with intravenous versus volatile anaesthetic regimens. Julika Schön, Lena Husemann, Christian Tiemeyer, Arne Lüloh, Klaus-Ulrich Berger, Matthias Bechtel, Thorsten Hanke, Matthias Heringlake,

#### Coffee & Exhibition

#### WORKSHOPS

**Hands-on THORACIC WORKSHOP**; Moderators: Giorgio Della Rocca (Udine, Italy), Edmond Cohen (New York, USA), Lambros Athanassiou (Athens, Greece), Periklis Giannakopoulos (Athens, Greece), Mert Şentürk (Istanbul, Turkey)

**How to write an ABSTRACT**; Moderators: Manfred Seeberger (Basel, Switzerland), Mio Filipovic (Basel, Switzerland)



**Hall I:**

**08.30 – 09.00 Lecture -**

*Moderators: Zuhai Aykaç (Istanbul, Turkey) & Joachim Erb (Berlin, Germany)*  
 Repair of Thoracic Aneurysms and preoperative work-up.  
*George Silvey (New York, USA)*

**09.00 - 10.00 Oral IX - Intensive Care**

*Moderators: Katerina Marathia (Athens, Greece) & John Gothard (London, UK)*

O-59 Treatment of HIT after cardiac surgery: Preliminary experience with Fondaparinux.  
*Federico Pappalardo, AnnaMara Scandroglio, Giulia Maj, Annalisa Franco, Mariagrazia Calabrò*

O-60 Prone position improves functional residual capacity ( FRC ) and oxygenation in ARDS after cardiac surgery. *Riccardo Barchetta, Mauro Falco, Valerio Nicoletti, Cristina Alessandrini, Andrea Salica, Franco Turani*

O-61 Aminoglycosides: a predictor of dialysis-dependent acute renal failure in cardiac surgery. *Dorthe Nielsen, Carl-Johan Jakobsen*

O-62 An ICU discharge model for research and logistic purposes, indicated that cardiac patients were eligible for discharge earlier than the actual discharge. *Anne E Vester, Alice Lundbøl Vestergaard, Carl-Johan Jakobsen*

O-63 Long-term follow-up after tracheostomy during cardiothoracic intensive care  
*Kirstin Wilkinson, Kausalya Raman, David Smith,*

**10.00 - 10.30 Coffee & Exhibition**

**10.30 - 11.30 Poster III - Intensive Care**

*Moderators: Fabio Guarracino (Pisa, Italy) & Gregory Voyagis (Athens, Greece)*

P-25 Long-distance mechanical circulatory support as a bridge to heart transplantation (on VAD implantation). *Luigi Vetrugno, Flavio Bassi, Giorgio Guzzi, Fabio Ius, Vincenzo Tursi, Francesco Giordano, Ugolino Livi*

P-26 Ventricular assist device support in children and adolescents as a bridge to heart transplantation. *Angeliki Gkouziouta, Theofani Antoniou, Maria Kiaffa, Stamatias Adamopoulos, Petros Sfirakis, Vassilios Voudris, Petros Alivizatos*

P-27 Long-term use of outpatient mechanical circulatory support in a low organ donation environment. *Angeliki Gkouziouta, Theofani Antoniou, Stamatias Adamopoulos, Vassilios Voudris, Petros Sfirakis, Petros Alivizatos*

P-28 Effect of aprotinin on creatinine levels and chest tube drainage in paediatric cardiac surgery. *Galina Leyvi, Adam Yedlin, Michelle Pasamba, Linda Shore-Lesserson*

P-29 Pneumonia in a cardiothoracic ICU: incidence and risk factors. *Rosa Mastropiero, Michela Bettinzoli, Tania Bordonali, Andrea Patroni, Chiara Barni, Aldo Manzato*

P-30 Renal function outcome after open repair of pararenal aortic aneurysms. *Godier Sylvie, Plissonnier Didier, Dureuil Bertrand*

P-31 Gastrointestinal complications after cardiac surgery: the experience in a single cardiac surgical department. *Georgios Dimitrakakis, Despoina Stamou, Peter O'Keefe, Ulrich Von Oppel*

P-32 Cardiac output measurements in unstable patients with the pressure recording analytical method (PRAM). *Massimiliano Nuzzi, Elena Bignami, Giovanni Landoni, Giulia May, Fabrizio Monaco, Reem Nassif, Massimo Zambon, Alberto Zangrillo*

**Hall II:**

**Lecture -**

*Moderators: Anne Westerlind (Gothenburg, Sweden) & Carl-Johan Jakobsen (Århus, Denmark)*  
 - Evidence-based treatment of bleeding after cardiac surgery  
*Christian Von Heymann (Berlin, Germany)*

**10.30 - 11.30 Oral X - Thoracic Anaesthesia**

*Moderators: Giorgio Della Rocca (Udine, Italy) & Bairaktari Ageliki (Athens, Greece)*

O-64 Ventilation technique in patients with bilateral lung echinococcosis undergoing one-stage surgery. *Yergali Miyerbekov, Mukhtar Batyrhanov, Vladimir Mutagirov*

O-65 Anaesthetic sparing effect in major thoracic surgery: epidural versus paravertebral block. *Emanuele Piraccini, Vanni Agnoletti, Mikela Berger, Stefano Maitan, Giorgio Gambale*

O-66 Comparative study of intercostal nerve blockade with ropivacaine for post-thoracotomy analgesia. *Christina Balaka, Artemis Polyzoï, Urania Galanopoulou, Vasiliki Dimopoulou, Antonios Roussakis, Constantina Romana*

O-67 Health related quality of life after sympathectomy for refractory angina pectoris  
*Miloš Dobiáš, Rudolf Demeš, Jitka Fricová, Martin Striteský*

O-68 Morphine free thoracic postoperative analgesia. Is it worthwhile for cancer patients? *Michael Vassiliadis, Maria Markala, Maria Ditsa, Nikolaos Barbetakis, Ourania Dioritou, Maria Kotoula, Maria Tzouveleki-Myronidou*

**Coffee & Exhibition**

**Poster IV - Observational Studies & Case Reports**

*Moderators: George Silvey (New York, USA) & Rob Feneck (London, UK)*

P-37 The humoral immune response in children under age one after cardiac surgery and cardiopulmonary bypass. *Alexandr Karaskov, Youri Gorbatykh, Oleg Strunin, Anatoly Shunkin, Lubov Knyazkova*

P-38 Systemic inflammatory response syndrome after off-pump coronary artery bypass grafting. *Maciej M Kowalik, Krzysztof Lewandowski, Krzysztof Roszak, Piotr Siondalski, Sebastian Batkiewicz, Krzysztof Jarmoszewicz, Kasper L Keita, Jan Rogowski, Romuald Lango*

P-39 What is the bias factor between superior vena cava and mixed venous oxygen saturations? *Yusuke Seino, Kikuyo Kuwabara, Yuko Tomita, Shihoko Iwata, Minoru Nomura, Makoto Ozaki*

P-40 Oxygen consumption in patients undergoing conscious on-pump cardiac surgery with thoracic epidural anaesthesia: preliminary results. *Michal Porizka, Martin Stritesky*

P-41 Glidescope could improve the safety of intraoperative transoesophageal echocardiography. *Juan C. Luis, Laura Gómez Sosa, Carmen Serra, Juan L. López Romero*

P-42 The importance of supportive, indirect echocardiographic signs in intraoperative estimation of aortic regurgitation severity. *Juan N. Pulido, James Lynch, William Mauermann, Kent Rehfeldt, Hector Michelena*

P-43 Prognostic value of thrombocytopenia in patients with low cardiac output syndrome after cardiac surgery. *Federico Pappalardo, Maria Concetta D'Arpa, Laura Corno, Anna Maria Mizzi, Giulia Maj, Elena Bignami*

### Poster III - Intensive Care – cont'

- P-33 Protein C zymogen concentrate in severe sepsis and multiple organ failure after adult cardiac surgery. Elena Bignami, Massimiliano Nuzzi, Giovanni Landoni, Federico Pappalardo, Valentina Testa, Maria Concetta D'Arpa, Giovanni Marino, Alberto Zangrillo
- P-34 Use of continuous right ventricular diastolic pressure monitoring in detecting cardiac tamponade in the cardiac surgical intensive care unit. Shitalkumar Shah, Giulia Ranaldi, Mark Dougherty, Tommaso Siciliano, Peter Elliott, William
- P-35 Effects of doxapram on the ventilation responses during total intravenous propofol/remifentanyl anaesthesia and laryngeal mask airway. Chang-Young Jeong, Young-Chul Yoon, Sang-Hyun Kwak, Sung-Su Chung
- P-36 CRITICAL Project – a virtual intensive care patient. Jennifer Wright, Matthias Kreuzer, Munita Grover, Douglas Newton

### 11.30 – 13:00 Oral XI - Risk factors & Outcome

Moderators: Edith Schmid (Zürich, Switzerland) & Andrew Yavorosky (Moscow, Russia)

- O-69 Are additive and logistic EuroSCOREs good predictors of early and late mortality after aortic valve replacement? Michel Durand, Evodie Bouilly, Yohann Dubois, Thomas Descarpentries, Vincent Bach, Dominique Blin, Pierre Albaladejo
- O-70 Prediction of a 30 day period mortality and length of hospital stay following open heart surgery: comparison between logistic EuroSCORE and Care Score in a single centre. Nikolaos Lagos, Elena Arnaoutoglou, Konstantinos Krikonis, Georgios Papadopoulos
- O-71 Shift in severity score-mortality relationship in patients undergoing cardiac surgery Michel Durand, Evodie Bouilly, Yohann Dubois, Laetitia Boggetto, Vincent Bach, Olivier Chavanon, Pierre Albaladejo
- O-72 Accuracy, calibration and clinical information of the EuroSCORE: no need for too many variables. Marco Ranucci, Serenella Castelvechio, Lorenzo Menicanti
- O-73 The impact of EuroSCORE and postoperative heart failure on long-term outcome after surgery for aortic stenosis. Henrik Hultkvist, Farkas Vanky, Rolf Svedjeholm
- O-74 Risk factors for selected complications after cardiac surgery. Violetta Musiał-Świątkiewicz, Maciej M Kowalik, Piotr Siondalski, Jan Rogowski, Romuald Langó
- O-75 Factor analysis of World Health Organization's Quality of Life-BREF health survey questionnaire in patients with coronary artery disease. Mahdi Najafi, Mehrdad Sheikhvatan, Mahmood Sheikhfathollahi
- O-76 Pre- and postoperative risk-adjusted cumulative survival curves as a surrogate for team quality control in cardiac surgery patients. Daniel Schmidlin, Tomislav Gaspert, Sabine Serena, Patricia Rhomberg, Pascal Berdat, Paul R. Vogt

### Poster IV – Observational Studies & Case Reports – cont'

- P-44 Early prediction of low fibrinogen levels from clot firmness profiles with thromboelastometry in cardiac surgery patients. Vladimir Cernak, Rolf Huet, Hans de Vries, Joost van der Maaten
- P-45 Postoperative bleeding in cardiac surgical patients. Edel Duggan, Miles Curtis, Meddy Taylor, Daniel Farrar
- P-46 Is malignancy-associated pericardial tamponade a prognostic factor of survival? Theakos Nikos, Sgouropoulou Sofia, Dedeilias Panagiotis, Dosios Theodosios
- P-47 Rescue veno-arterial ECMO for circulatory support in a patient with acute pulmonary embolism following PEA: case report. Jan Kunstyr, Frantisek Mlejnsky, Jan Belohlavek, Daniel Scott Kameny, Jaroslav Lindner, Ales Linhart, David Rubes, Martin Stritesky
- P-48 Anaesthetic management of percutaneous aortic valve replacement. Mario Frontini, Aldo Manzato, Elena Porteri, Nicole Limone

### Oral XII - Myocardial Protection

Moderators: Theodoros Xanthos (Athens, Greece) & Marco Ranucci (Milan, Italy)

- O-77 Propofol inhibits L-type Ca<sup>2+</sup> currents in human atrial cardiomyocytes. Jens Fassl, Kane M High, Edward R Stephenson, Keith S Elmslie
- O-78 Effects of volatile anaesthetics on left ventricular diastolic function in healthy young subjects. Daniel Bolliger, Jorge Kasper, Regina M. Schumann, Esther Seeberger, Karl Skarvan, Manfred D. Seeberger, Miodrag Filipovic
- O-79 A meta-regression on 34,310 patients undergoing CABG: the role of volatile anaesthetics. Massimiliano Nuzzi, Elena Bignami, Valentina Testa, Anna Mizzi, Stefano Turi, Elisa Dedola, Giovanni Landoni, Alberto Zangrillo
- O-80 High thoracic epidural analgesia improves cardiac function in patients with ischaemic heart disease undergoing cardiac surgery. Carl-Johan Jakobsen, Hans Kirkegaard, Christian Lindskov, Inge Krogh Severinsen, Erik Sloth
- O-81 Levosimendan infusion for preoperative management of hypoplastic left heart syndrome. Luca Di Chiara, Zaccaria Ricci, Cristiana Garisto, Stefano Morelli, Chiara Giorni, Sergio Picardo
- O-82 Atrial synchronous right ventricular outflow tract pacing is associated with increased plasma BNP in troponin-T negative CABG patients with reduced left ventricular function. Matthias Heringlake, Frank Eberhardt, Maximillian Massalme, Martin Misfeld, Thorsten Hanke
- O-83 Relationship between SvO<sub>2</sub> on arrival to ICU and postoperative morbidity and mortality after CABG. Rolf Svedjeholm, Jonas Holm, Farkas Vanky, Erik Håkanson
- O-84 Long-term results of drug-eluting stents in diabetic patients according to diabetic treatment. Vassilis Voudris, Panagiotis Karyofilis, Sophia Thomopoulou, Athanasios Manginas, Constantinos Spargias, Gregory Pavlides, Dennis V Cokkinos

13.00 - 14.30 Lunch



### Lunch Symposium - sponsored by educational grant from SORIN

Moderators: Marco Ranucci (Milan, Italy), Filip de Somer (Ghent, Belgium) & William T McBride (Belfast, UK)

**Hall I:**

**14.30 - 16.00 Panel Thoracic -**

*Moderators: Vasilis Dimitriou (Athens, Greece) & Mert Şentürk (Istanbul, Turkey)*

- Two-lung and one-lung ventilation in patients with chronic obstructive pulmonary disease: the effects of position and FiO<sub>2</sub>

*Laszlo Szegedi (Ghent, Belgium)*

- Post-resection pulmonary edema

*Mert Şentürk (Istanbul, Turkey)*

- Non-invasive ventilation after thoracic surgery

*Giorgio Della Rocca (Udine, Italy)*

**16.00 - 16.30 Coffee & Exhibition**

**16.30 - 17.00 Lecture -**

*Moderators: Lila Papadimitriou (Athens, Greece) & Uwe Schirmer (Ulm, Germany)*

- Iloprost vs No for treatment of pulmonary hypertension in cardiac surgery

*Fani Antoniou (Athens, Greece)*

**17.00 - 17.30 Closing ceremony and abstract awards**

**Hall II:**

**Panel Cardiopulmonary Bypass -**

*Moderators: Michel Durand (Grenoble, France) & Van Kunstyr (Prague, Czech Republic)*

- Can we reduce the risks of the high risk cardiac surgery patient?

*William T McBride (Belfast, UK)*

- Hypothermia in cardiac surgery.

*Uwe Schirmer (Ulm, Germany)*

- Cardiomy suction blood: Good, bad or neutral?

*Filip de Somer (Ghent, Belgium)*

**Coffee & Exhibition**

**Lecture -**

*Moderators: Anne Risch (Luxembourg, Luxembourg) & William Blunnie (Dublin, Ireland)*

- Perioperative Anaemia

*Alice Maniati (Athens, Greece)*

