

Hall I:

08.00 - 08.30 Lecture

Chair: Arman Bunatian (Moscow, Russia), Zuhail Aykaç (Istanbul, Turkey)
The response of the microcirculation and tissue oxygenation to cardiac surgery. *Can Ince (Amsterdam, The Netherlands)*

08.30 - 10.00 Oral VII - Thoracic and Vascular Anaesthesia

Chair: Daniela Filipescu (Romania), Anne Risch (Luxembourg)

- O-43 Age is not a contraindication for repair of thoracic aortic aneurysm
George Silvay, Brigid Flynn, Carol Bodian, Marina Krol, Marc Stone, Gregory Fischer, David Reich, Randall Griep
- O-44 High preoperative central venous pressure is a risk factor for mortality and adverse neurological outcome after repair of acute type A aortic dissection
Reto M Basciani, Franz F Immer, Anja Haehnle, Claudia Zobrist, Jürg Schmidli, Thierry Carrel, Balthasar Eberle
- O-45 Combined general and regional anaesthesia in pulmonary endarterectomy
Jan Kunstyr, David Rubes, Jaroslav Lindner, Jan Blaha, Michal Lips, Pavel Jansa, Andrew Klein, Martin Stritesky
- O-46 Thoracic paravertebral block with bupivacaine 0.25% versus intrathecal morphine for pain relief after thoracotomy. *Seden Kocabas, Demet Sergin, Fatma Askar, Yurday Cetin, Sule Ozbilgin, Kutsal Turhan*
- O-47 Thoracic epidural anaesthesia impairs the haemodynamic response to acute pulmonary hypertension by depressing right ventricular contractility in pigs
Steffen Rex, Carlo Missant, Piet Claus, Patrick Wouters
- O-48 The effects of propofol and sevoflurane on modulation of inflammation and oxidative stress in the kidney following aortic cross clamping
Jose M Rodriguez-Lopez, Pilar Sanchez-Conde, Juan L Nicolas, Francisco S Lozano, Francisco J Garcia-Criado, Carlos Cascajo, Rogelio Gonzalez-Sarmiento, Clemente Muriel
- O-49 Lower tidal volumes do not impair oxygenation during pressure controlled one-lung ventilation. *Zerrin Sungur Ulke, Mert Senturk, Sukru Dilege, Turker Sengul, Didem Akpir, Aysen Yavru*
- O-50 Anaerobic metabolism during thoracic anaesthesia for hyperthermic intrathoracic chemotherapy. *Sabino Scolletta, Marcella Caciorgna, Giacomo Carlucci, Marco Garosi, Vincenzo Ialongo, Enivarco Maglioni, Luca Marchetti, Alessandra Pastorino, Irene Rossi, Felicetta Simeone, Tommaso Siciliano, Bonizella Biagioli*

10.00 - 10.30 Coffee & Exhibition

Hall II:

Lecture

Chair: Peter M.J. Rosseel (Breda, The Netherlands), Füsün Bulutçu (Istanbul, Turkey)
Vibration response imaging: Potential Usefulness in Cardiothoracic patients.
Phill Dellinger (Camden, USA)

Oral VIII - Intensive Care and Outcome

Chair: Patrick Wouters (Leuven, Belgium), Zeliha Özer Altunkan (Mersin, Turkey)

- O-51 Effects of low dose dopamine on renal oxygen consumption, blood flow and glomerular filtration rate after cardiac surgery. *Bengt Redfors, Johan Sellgren, Sven-Erik Ricksten*
- O-52 Factors determining long term survival in cardiac surgery patients with acute renal failure treated with haemofiltration. *Katarzyna Klajbor, Romuald Lango, Maciej Kowalik, Violetta Musiał-Świątkiewicz, Magdalena Kołaczowska, Jan Rogowski*
- O-53 Management of patients with asymptomatic carotid stenosis undergoing CABG. *Milos Dobias, David Rubes, Michal Matias, Michal Lips, Martin Stritesky*
- O-54 Blood glucose control in cardiac surgery patients: a comparative study of different insulin protocols. *Jan Blaha, Petr Kopecky, Tomas Kotulak, Jan Kunstyr, Michal Matias, David Rubes, Milos Dobias, Severyn Romaniv, Jana Kubatova, Michal Porizka, Jaroslav Lindner, Martin Stritesky, Martin Haluzik*
- O-55 Effectiveness of predictive algorithm eMPC2 with variable sampling interval in perioperative glycaemia control. *Petr Kopecky, Jan Blaha, Tomas Kotulak, Jan Kunstyr, Michal Matias, David Rubes, Michal Lips, Jaroslav Lindner, Severin Romaniv, Milos Dobias, Michal Porizka, Martin Haluzik*
- O-56 The use of levosimendan associated with norepinephrine in a cardiac postoperative care unit. *Turkan Coruh, Nihan Yapici, Ebru Erdemir, Yasemin Altuntas, Asuman Suzer, Ibrahim Yekeler, Zuhail Aykac*
- O-57 Perioperative predictors of postoperative pain at coronary artery bypass grafting. *Tommaso Siciliano, Sabino Scolletta, Pierpaolo Giomarelli, William McBride*
- O-58 Perioperative inflammatory time-course in patients receiving left ventricular assist for end-stage heart failure. *Michele Mondino, Filippo Milazzo, Emanuele Catena, Francesca Lullo, Raffaele Caruso, Valentina Sedda, Oberdan Parodi, Roberto Paino*

Coffee & Exhibition

Hall I:

10.30 - 11.30 Poster III - Postoperative and Intensive Care

Chair: Nora Porite (Riga, Latvia), Işıl Özkoçak (Zonguldak, Turkey)

- P-36 Very early extubation in children after cardiac surgery. *Nagihan Karahan, Murat Aksun, Tayfun Adanir, Gulcin Aran, Ertan Damar, Atilla Sencan, Ali Gurbuz*
- P-37 Continuous positive airway pressure at 10 cm H₂O during cardiopulmonary bypass does not improve postoperative oxygenation in paediatric patients. *Jin-Tae Kim, Hee-Soo Kim, Chong-Sung Kim, Seong-Deok Kim*
- P-38 Evaluating the "safe mean airways pressure" in patients with ARDS: an echocardiographic retrospective approach. *Matteo Di Nardo, Mauro Falco, Riccardo Barchetta, Monica Cappelletti, Claudio Dicorato, Franco Turani*
- P-39 Impact of autologous shed mediastinal blood reinfusion on clinical outcome in the early postoperative period after cardiac surgery. *Judita Andrejaitiene, Edmundas Sirvinskas, Audrone Veikutiene, Laima Raliene*
- P-40 Does pregabalin improve the analgesia in cardiac surgery? A preliminary study. *Domenico de Cosmo, Antonio Bossi, Daniele Penzo, Andrea Vardanega, Massimo Tedesco, Roberto De Stefani*
- P-41 Improved analgesic effect in peridural thoracic versus total intravenous anaesthesia during cardiac surgery: role of epicardial fat-secreted cytokines. *Monica Cappelletti, Mauro Falco, Massimiliano Caprio, Franco Turani, Ruggero De Paulis*
- P-42 Comparison of the effects of different fentanyl protocols on postoperative pain control after coronary artery surgery. *Hulya Tur, Elif A. Akpek, Atilla Sezgin*
- P-43 Gastrointestinal complications in patients undergoing open heart surgery. *Asli Donmez, Agah Rauf Isguzar, Mesut Sener, Salih Ozcobanoglu, Oktay Korun, Hakan Atalay, Elif Akpek, Bahadir Gultekin*
- P-44 Does off-pump coronary artery bypass have a reno-protective effect in patients with abnormal preoperative renal function? *Pinelopi Papagiannopoulou, Andreas Efsthathiou, Antonios Manias, Ioannis Fessatidis, Ioannis Konstantinopoulos*
- P-45 Continuous renal replacement therapy decreases pro BNP and IL 6 in cardiac surgery patients with postoperative sepsis. *Franco Turani, Mauro Falco, Federica Mounajergi, Claudio Di Corato, Riccardo Barchetta*
- P-46 Treatment of chronic refractory angina pectoris. *Milos Dobias, Rudolf Demes, Jitka Fricova, Michal Semrad, Martin Stritesky*
- P-47 Effects of levosimendan in cardiac surgery. *Betul Basaran, H.Ibrahim Ucar, Ali Deniz, Bilge Celebioglu, Meral Kanbak, Ulku Aypar*

Hall II:

Poster IV - Organ Function and Case Reports

Chair: Martin Stritesky (Praque, Czech republic), Turkan Coruh (Istanbul, Turkey)

- P-48 Effects of sildenafil on left ventricular hypertrophy in a porcine model. *Sara Dahl Christensen, Kim Sivesgaard, Jens Erik Nielsen-Kudsk, J. Michael Hasenkam, Erik Sloth*
- P-49 Acute haemodynamic effects of tezosentan in rats with monocrotaline-induced pulmonary hypertension. *André P Lourenço, JF Viterbo, C Brás-Silva, F Vieira, AF Leite-Moreira*
- P-50 Use of sildenafil for treatment of pulmonary hypertension after paediatric cardiac surgery: case report. *Yasemin Altuntas, Nihan Yapici, Canan Kalyon Unlu, Nesrin Kayisoglu, Ali Riza Karaci, Zuhail Aykac*
- P-51 Perioperative management for complex interventions in patients with renal tumours and cavo-atrial thrombosis. *Oana Ghenu, Daniela Filipescu, Mihail Luchian, Ioana Marinica, Simona Marin, Alina Calugareanu, Horatiu Moldovan, Ionel Sinescu*
- P-52 The use of real-time TOE in the intra-operative management of renal cell carcinoma, inferior vena cava thrombus and pulmonary metastasis: case report. *Saad Mahdy, John Mac Hale*
- P-53 Tissue perfusion during minimized extracorporeal circulation. *Giovanna Sercia, Salvatore Leonardi, Giovanni Zaccone, Rita Guerra, Mariachiare Zucchetti*
- P-54 Low arterial pressure after low dose propofol administration: haemodynamic and autonomic nervous system activity. *Boris Akselrod, Gennadiy Babalian, Nina Trecova, Armen Bunatian*
- P-55 Comparison of right ventricle haemodynamic parameters between patients anaesthetized with propofol or desflurane for off-pump CABG. *Paweł Mroziński, Jan Rogowski, Rafał Pawlaczyk, Violetta Musiał-Swiątkiewicz, Romuald Lango*
- P-56 Comparison of two different total intravenous techniques for off-pump coronary artery bypass graft surgery: a randomized double-blind study. *Tugba Askin, Ümit Karadeniz, Ertay Boran, Süheyla Ünver, Özcan Erdemli*
- P-57 Effects of bilateral intrapleural block as pre-emptive analgesia on haemodynamic changes in coronary artery graft surgery. *Mojtaba Mansouri, Esmaiel Noormohammadi, Mohsen Mirmohammad Sadegi, Keivan Bageri, Abolgasem Mirdehgan, Mahmud Saedi*
- P-58 NT-proBNP as a marker of pulmonary hypertension in cardiac surgical patients with aortic stenosis. *Igor Kozlov, Lev Krichevskiy, Irina Kharlamova, Nataliya Potryasilova*
- P-59 Spinal cord stimulator implantation for treatment of angina pectoris gave dysaesthetic pain and burning skin sensations: case reports. *Claus Andersen, Thomas Enggaard, Christian Scherer*

Hall I:

11.30 –13.00 Oral IX - Risk Factors and Outcome

Chair: Michel Durand (Grenoble, France), Pinar Durak (Ankara, Turkey)

- O-59 Predictors of postoperative length of stay of CABG patients: comparison of diabetics and non-diabetics. *Mahdi Najafi, Hamidreza Goodarzynejad, Mahmood Sheikhfatollahi, Hossein Adibi, Bagher Larijani*
- O-60 The effect of hypertension on neurocognitive function tests in patients receiving TIVA while undergoing CABG operations. *Ida Muslu, Aysegul Ozgok, Hija Yazicioglu, Bunyamin Muslu*
- O-61 Perioperative allogeneic blood transfusion is associated with increased thirty day mortality after isolated coronary bypass surgery. *Sahin Senay, Fevzi Toraman, Hasan Karabulut, Cem Alhan*
- O-62 Low haematocrit during cardiopulmonary bypass is not associated with adverse outcome after coronary bypass surgery. *Sahin Senay, Fevzi Toraman, Hasan Karabulut, Cem Alhan*
- O-63 Association of postoperative troponin T release and 12-month mortality after adult cardiac surgery. *Giovanna Lurati Buse, Céline Brüni, Jorge Kasper, Martin Grapow, Esther Seeberger, Daniel Bolliger, Manfred Seeberger, Miodrag Filipovic*
- O-64 Troponin I is an independent predictor of long term outcome after off-pump coronary surgery. *Aurelie Timmermans, Yohann Dubois, Vincent Bach, Michel Durand, Olivier Chavanon*
- O-65 Risk factors for selected early postoperative complications after cardiac surgery. *Violetta Musiał-Świątkiewicz, Maciej Michał Kowalik, Romuald Lango, Paweł Mroziński, Mariola Stefaniak, Jan Rogowski*
- O-66 Impact of the observance of the ACC/AHA guidelines for interpretability of ambulatory electrocardiography on the association of silent ischaemia with troponin release. *Giovanna Lurati Buse, Manfred Seeberger, David Bürgler, Regina Schumann, Esther Seeberger, Daniel Bolliger, Miodrag Filipovic*

13.00 - 14.00 **Lunch**

Hall II:

Oral X - Myocardial Protection

Chair: Claus Andersen (Odense, Denmark), Tülin Aydoğdu Titiz (Antalya, Turkey)

- O-67 Cardioprotective effect of volatile anaesthetics on mitochondrial respiratory function. *Edmundas Sirvinskas, Vilma Borutaite, Tadas Lenkutis, Sonata Trumbeckaite, Gediminas Paplauskas, Alis Baublys, Robertas Samalavicius, Laima Raliene*
- O-68 Possible technique of myocardial preconditioning by sevoflurane in patients undergoing coronary surgery. *Michael Zadorozhny, Andrey Yavorovsky, Nina Trekova, Leonid Vinnitsky, Anastasia Isaeva, Armen Bunyatyan*
- O-69 A randomized comparison of isoflurane versus propofol TIVA in coronary artery bypass surgery: effects on postoperative cardiac troponin I release and clinical outcome. *Suzanne Flier, Wolfgang Buhre, Cor Kalkman*
- O-70 Levosimendan attenuates ischaemia-reperfusion injury of the heart better than ischaemic preconditioning during moderate hypothermia. *Davud Yapici, Murat Ozeren, Apa Duygu, Balli Ebru, Tamer Lulufer, Atici Sebnem, Doruk Nurcan, Altunkan Zeliha, Oral Ugur*
- O-71 The cardioprotective effects of N-acetylcysteine as an additive to blood cardioplegia during coronary artery bypass grafting. *Omid Aghadavoudi, Farinaz Fattahi, Mohsen Mirmohammad Sadeghi, Mahmood Saeidi*
- O-72 Protective effects of N-acetylcysteine infusion on ischaemia-reperfusion injury during CABG surgery. *Demet Cinar, Sennur Uzun, Kamer Kiling, Meral Kanbak, Bilge Celebioglu*
- O-73 Postconditioning reduced infarct size in an open-chest porcine acute ischaemia-reperfusion model. *Rasmus Haarup Lie, John Michael Hasenkam, Torsten Toftegård Nielsen, Runa Poulsen, Erik Sloth*
- O-74 Pharmacological preconditioning effect of isoflurane in the model of cardiac ischaemia-reperfusion in guinea pigs. *Meltem Yildirim, Nursel Sahin, Hanife Karakaya Kabukcu, Tulin Hadimioglu, Tulin Aydogdu Titiz, Gokhan Akkoyunlu*

Industrial Symposium: