



17th European Conference on Perfusion Education & Training (ECoPEaT)

Organized by the **European Board of Cardiovascular Perfusion (EBCP)**

www.ebc.org

October 7th, 2017

Austria Center Vienna – Room E1

08.30 – 17.30

***“Translating Research & Science into Good
Clinical Perfusion Practice”***

FINAL PROGRAM

08.00 – 08.30 : Welcome Coffee + Registration

08.30 – 08.40 : Welcome Address - C. Nielsen

08.40 – 10.15 : Scientific Session I

Research & Translational Science in Perfusion Practice

1. *Invited talk* : **Questioning recent & ongoing perfusion physiology related research: What is new & is there anything to be excited about?** **Marco Ranucci**, Italy 20'
2. *Invited talk* : **Questioning the gaps in perfusion technology/physiology related research: Recommendations & directions for future research.** **Joseph Sestino**, US 20'
3. *Research abstract 1* : **Endotoxemia & cardiopulmonary bypass : Evaluation of DO₂/VO₂/SvO₂/O₂ER mismatch & endotoxemia during BPCP as end-points of bacterial translocation** **F. Ippoliti**, Italy 10'
4. *Research abstract 2* : **Adaptive Perfusion in Aortic arch reconstruction** **Tatiana Averina**, Russia 10'
5. *Research abstract 3* : **Near-infrared spectroscopy for the investigation of cerebral blood flow autoregulation during cardiopulmonary bypass in neonates** **Mirela Bojan**, France 10'

COFFEEBREAK 10.15 – 10.45

10.45 – 12.30 : Scientific Session II

Good Clinical Perfusion Practice inside the OR

1. *Invited talk* : **Myocardial protection in adult & pediatric cardiac surgery: Building an evidence-based strategy** **Nigel Drury**, UK 20'
2. *Invited talk* : **SIRS in cardiac surgery patients: Is there a role for NO administration during CPB?** **Yves d'Udekem**, Australia 20'
3. *Invited talk* : **Moving away from a fixed flow support: Which parameters should guide us towards Goal Directed Perfusion or individualized CPB support in adults and pediatrics?** **Filip De Somer**, Belgium 20'
4. *Research abstract 4* : **System blood flow control targets during cardiopulmonary bypass: Oxygen delivery or central venous oxygenation?** **Steffan Svenmarker**, Sweden 10'
5. *Research abstract 5* : **Management of large patients during CPB: When are parallel oxygenators necessary?** **Carole Hamilton**, Germany 10'

LUNCH 12.30 – 13.30

13.30 – 14.00: Industry Session

Speed Date with the Industry

Medtronic 5' - Livanova 5' – Maquet 5'– Eurosets 5'– Terumo 5' – Xenios 5'

14.00 – 16.00: Scientific Session III

Good Clinical Perfusion Practice outside the OR

1. *Invited talk* : VA ECMO : Keeping a therapeutic balance between failing physiology & supportive technology or 'How much do we have to pump'? **Nick Barrett**, UK 20'
2. *Invited talk* : ECT & Accidental Hypothermia : Pumping new life into patients – **Beath Walpoth**, Suisse 20'
3. *Invited talk* : Heart Donation after Circulatory Death (DCDIII) : Pumping new life into hearts – **Steven Tsui**, UK 20'
4. *Research abstract 6* : A possible correlation between drainage-pressure, hemolysis and D-dimers during ECMO. **Antonella Degani**, Italy 10'
5. *Research abstract 7* : Is it justified to run an ECMO service in a small geographically isolated area? **Tomas Gudbjartsson**, Iceland 10'
6. *Research abstract 8* : Continuous monitoring of membrane lung carbon dioxide removal during ECMO: Validation of a new capnometer-flowmeter **Alice Montalti**, Italy 10'

COFFEEBREAK 16.00 – 16.30

16.30 – 17.30 : EBCP Forum

- *Invited talk* : The facts & fables of the Mycobacterium Chimaera invasion in our Heater Coolers – **Mark Garvey**, UK 20'
- *EBCP Update with Q&A from the Audience* : **C. Nielsen' – F. Merkle – D. Hella** 15'
- Awards for Best Poster & Best Abstracts
- Adjourn

RESEARCH POSTERS

Posters on display during meeting with opportunity to interact during breaks

1. Mini Bypass, Mini Cardioplegia, Simplified Modified Ultra Rapid Filtration (SMURF) the Open Heart Tbilisi, Georgia experience **W. Wildervuur**, Switzerland
2. Near Infrared spectroscopy/CDI-500 **M. Malik**, UK
3. Development of a customized Perfusion related parameter calculator **P. Lucas**, Portugal
4. The benefits of in-situ Abdominal Normothermic Regional Perfusion : A U.K. Perspective **K. Crick**, UK
5. Epoprostenol of treatment of increasing oxygenator pressure drop during cardiopulmonary bypass ; a report on an alternative to oxygenator change-out **A. Hjarpe**, Sweden
6. Does regional tissue oximetry can predict acute kidney injury after cardiopulmonary bypass **A. Semenova**, Russia
7. The first Italian Perfusion Survey on Perfusion Technologies in Adult Cardiac Surgery **M. Moscarelli**, Italy