



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***