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

Organized by the European Board of Cardiovascular Perfusion (EBCP)

www.ebcp.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 Sistino*, 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’

10.15 – 10.45: COFFEEBREAK

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’

12.30 – 13.30: LUNCH

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 Walporth, 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’

COFFEBREAK 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’
- The facts & fables of the Mycobacterium Chimaera invasion in our Heater Coolers – Mark Garvey, UK 20’
- 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