



# 17<sup>th</sup> European Conference on Perfusion Education & Training (ECoPEaT)

Organized by the **E**uropean **B**oard of **C**ardiovascular **P**erfusion (**EBCP**)  
[www.ebcp.org](http://www.ebcp.org)

**October 7th, 2017**

**Austria Center Vienna – Room E1**

**08.30 – 17.30**

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***“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 DO<sub>2</sub>/VO<sub>2</sub>/SvO<sub>2</sub>/O<sub>2</sub>ER 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