



15TH INTERNATIONAL SYMPOSIUM ON PERFUSION

FINAL PROGRAM

21 – 22 October 2016
Royal Library Meeting
Center
Brussels, Belgium

www.belsect.be/symp2016



BELGIAN SOCIETY OF EXTRACORPOREAL TECHNOLOGY

The Belgian Society of Extracorporeal Technology kindly invites you to participate in the 15th International Symposium on Perfusion, held in the splendid setting of the Royal Library Meeting Center in Brussels, Belgium.

We welcome all professionals involved in ECC management: perfusionists, cardiac surgeons, cardiac anesthesiologists, intensivists, researchers, nurses & industry professionals. It is the aim of this conference to promote exchanges of recent research & strategies in the field of extracorporeal circulation technology.



The official language of the meeting is English.
No simultaneous translation will be available.



This meeting is awarded with 8 EBCP recertification points.
Accreditation for Belgian doctors is provided.



Organizing Committee

Luc Puis
Kenny Van Zwam
Korneel Vandewiele
Jesse Wouters
Hendrik Bernolet
Mathias Allegaert
Manu Devolder



Registration & Hotel

Registration and hotel booking is possible online via our website
www.belsect.be/symp2016



Dinner & Party

We offer you a dinner with party on Friday 21 October, preceded by a reception.
Additional registration for dinner is required



Live Music

Radio Negra



Friday, 21 October

8:00-8:45 Welcome Coffee and Registration

8:45-8:55 Welcome Address - *Luc Puis*

Session I: ECLS

(Mod: Leen Vercaemst - Gaetano Paone)

9:00-9:30 **Elisabeth De Waele**; *Brussels, Belgium*
Energy Expenditure During ECLS

9:30-10:00 **Amedeo Anselmi**; *Rennes, France*
Survival and Quality of Life after ECLS

10:00-10:30 **Kenneth "Palle" Palmér**; *Stockholm, Sweden*
ECLS: When is it time to stop?

10:30-11:00 *Coffee Break*

Session II: Protecting the Organs

(Mod: Hendrik Bernolet - Stefaan Bouchez)

11:00-11:30 **Staffan Svenmarker**; *Umea, Sweden*
The Arterial Line Filter: To Protect Against What?

11:30-12:00 **Philippe Pouard**; *Paris, France*
Aprotinin in Cardiac Surgery: Time to Reconsider?

12:00-12:30 **Alexa Hollinger**; *Basel, Switzerland*
Delirium After Cardiac Surgery: Should we Accept it?

12:30-14:00 *Lunch Break - Kindly offered by Medtronic NV*

*Sponsored Lunch-Symposium by Eurosets
(This session will take place in Royal Sky Room I)*

Mirko Belliato; *Pavia, Italy*
ECCO2R: the forthcoming CO2 dialysis



Session III: LVADs Anno 2016

(Mod: Jesse Wouters - Yuk Law)

14:00-14:30 **Branko Furst**; *New York, USA*
The Heart: Pressure-Propulsion Pump or Organ of Impedance?

14:30-15:00 **Stefaan Bouchez**; *Ghent, Belgium*
Anesthetic Management of VAD Implantation - Pitfalls and Considerations for Teamwork

15:30-16:00 Abstract Session (10' talk + 5' Q&A)

Dominique Hella - *Liège, Belgium*

Gaseous micro-emboli removal during priming procedure using pulsatile flow with 4 different adult oxygenators with integrated arterial filter and open reservoir

Rajesh Yadav - *New Delhi, India*

Cardiopulmonary bypass strategy and neurological outcome in patients undergoing normothermic aortic arch procedures without hypothermic circulatory arrest.

16:00-16:30 *Coffee Break*

Session IV: Pediatrics

(Mod: Korneel Vandewiele - Manu Devolder)

16:30-17:00 Abstract Session (10' talk + 5' Q&A)

Claus Preusse - *Bonn, Germany*

Improvements in intraoperative neonatal myocardial protection

Mirela Bojan - *Rennes, France*

Minimum acceptable oxygen delivery during cardiopulmonary bypass in neonates

17:00-17:30 **Iemke Sarrechia**; *Ghent, Belgium*
Neurocognitive Development And Behaviour After Cardiac Surgery In Infants

17:30-18:00 **Yuk Law**; *Seattle, USA*
Transplantation and Mechanical Circulatory Support in Congenital Heart Disease: What's New?



Saturday, 22 October



8:00-9:00 Welcome Coffee and Registration

Session V: Microcirculation

(Mod: Branko Furst - Andrew Klein)

9:00-9:30 **Christa Boer; Amsterdam, Netherlands**
Microcirculatory Changes After CPB

9:30-10:00 **Dagmar Schulte, Berlin, Germany**
Central Venous-Arterial pCO₂ Difference: Effect on Microcirculation

10:00-10:30 **Guri Greiff; Trondheim, Norway**
Bleeding During Cardiac Surgery: What Can the Genes Tell Us?

10:30-11:00 *Coffee Break*

Session VI: Blood and Bleeding

(Mod: Mathias Allegaert - Guri Greiff)

11:00-11:30 **Andrew Klein; Cambridge, UK**
The incidence and importance of anaemia in cardiac surgery: lessons from the UK

11:30-12:00 **Gaetano Paone; Michigan, USA**
Is the transfusion of 1 or 2 units of red blood cells bad for the cardiac surgery patient?

12:00-12:30 **Ulrik Sartipy - Stockholm, Sweden**
Old versus New Blood: Do We Need More Evidence?

12:30-13:30 *Lunch Break - Kindly offered by Maquet Netherlands NV*

Session VII: Quality & Outcomes

(Mod: Luc Puis - Christa Boer)

13:30-14:00 **Marco Ranucci; Milan, Italy**
Risk Factors & Quality Markers in Perfusion

14:00-14:30 **Omar Jarral; London, UK**
Quality of Life After Interventions on the Thoracic Aorta - a Team Approach?

14:30-15:00 **Charles Krumholz; Burlington, USA**
Joining a QI Initiative: What Good Has It Done For Us?

15:00-15:30 *Coffee Break - Kindly offered by Edwards Lifesciences bvba*

Session VIII: The Belgian Session

(Mod: Charles Krumholz - Jean-Noël Koch)

15:30-16:00 **Pascal Starinieri; Hasselt, Belgium**
MiECC: This Is How We Do It

16:00-16:30 **Kenny Van Zwam; Brussels, Belgium**
Low-flow ECCO₂R on continuous renal replacement therapy - 5 year experience

16:30-17:00 **Filip De Somer; Ghent, Belgium**
Anticoagulation during cardiopulmonary bypass: time for a reappraisal

Registration

Registration is possible online at www.belsect.be/symp2016

Prices in Euro (Early bird)

	Friday	Saturday	Fri/Sat
Members	120	120	200
Non-Members	180	180	350
Students *	50	50	100
Industry **	120	120	200
Dinner/Party ***	75		

* Students must provide proof that they are enrolled in a perfusion school.

** This is for corporate people that are outside of the maximum allowed entrances for sponsors.

*** Pay attention that you need to register separately for the social event.

Accommodation

Hotel reservations can be made online, via our website

Warwick Hotel Grand Place
Hilton Brussels Grand Place
Novotel Off Grand Place
NH Carrefour de l'Europe

Venue - Date

The 15th BelSECT International Symposium on Perfusion takes place at the Royal Library Meeting Center on 21 and 22 October 2016

With the kind support of HelmsBriscoe



A big THANK YOU to our sponsors



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