### PRELIMINARY PROGRAMME

15<sup>th</sup> European Conference on Perfusion Education and Training

Saturday, 3rd October 2015 0900 - 1730 Amsterdam, The Netherlands

Forum Room, ground level **RAI** Conference Centre

# M. ARDIOURSCULAR EUROPEAN Strategies in Adult & **Pediatric Perfusion** 1991

#### The European Board of Cardiovascular Perfusion

Chairman: Prof. Alexander Wahba MD (Norway) General Secretary: Mr. Frank Merkle Dipl. med. Päd (Germany) General Secretary Elect: Conny Nielsen (Denmark) Organizer: Judith Horisberger (Switzerland) Registration: Damien McCann (Ireland) Treasurer: Else Nygreen (Norway) Webmaster: Heinz Weitkemper (Germany) Scientific committee: Judith Horisberger (Switzerland) Leen Vercaemst (Belgium) Carole Hamilton (Germany) Inês Figueira (Portugal)



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#### **SESSION MODERATORS:**

Alexander Wahba MD, PhD Dept Cardio-thoracic Surgery Trondheim, Norway EBCP Chairman

Gudrun Kunst MD PhD Cardiac anesthetist Kings College London UK EACTA delegate

Adrian Bauer Chief perfusionist Herzzentrum Coswig Coswig, Germany EBCP Vice General Secretary

Jan Schaarschmidt Senior perfusionist HerzzentrumCoswig Coswig, Germany EBCP delegate

Carole Hamilton Chief Perfusionist, Lifesystems / Specialty Care Vogtareuth Schoen Clinic, Germany EBCP Academic Committee

Leen Vercaemst Perfusionist, Coordinator Perfusion School Leuven Leuven, Belgium EBCP ELSO representative

Tomas Gudbjartsson MD.Ph.D Landspitali University Hospital Reykjavik, Iceland EACTS representative

Frank Merkle Dipl.-Med. Päd Akademie für Kardiotechnik Deutsches Herzzentrum Berlin EBCP General Secretary

Dalibor Zovko Clinical Hospital Magdalena Krapinske Toplice, Croatia EBCP delegate

Darren Best Clinical Perfusion Specialist & Senior Academic Lecturer NESCOT, Surrey, UK EBCP Delegate

Speaker:	Peter van den Barselaar		
	President, NeSECC, The Netherlands Perfusion Society		

0910-1050	Scientific Presentat Moderators	tions Alexander Wahba MD, Gudrun Kunst MD
10.50-11:20	Coffee break	
11:20-13:00	Scientific Presentat Moderators	<b>tions</b> Adrian Bauer, Jan Schaarschmidt
13:00-14:00	Lunch	
14:00-14:40	Poster presentation	<b>1S</b> Carole Hamilton, Leen Vercaemst
14.40-15:45	Scientific Presentat Moderators	<b>tions</b> Tomas Gudbjartsson, Frank Merkle
15:45-16:15	Coffee break	
16:15-17:05	Scientific presentat Moderators	t <b>ions</b> Dalibor Zovko, Darren Best
17:05-17:15	Closing speech	Conny Nielsen

Time	Speaker/title Page
09:10-0930	<b>Normunds Sikora</b> The proper delivery pressure for cardioplegic solution in neonatal cardiac surgery- an investigation of biomechanical and structural properties in neonatal and adult coronary arteries
09:30-09:50	<b>Kivanç Metin</b> Efficacy of minimized circuits on CPB in pediatric cardiac surgery
09:50-10:10	<b>Yves Durandy</b> Evaluation of the benefits and safety of miniaturized circuits on blood transfusion on blood transfusion in < 10kg pediatric patients
10:10-10:30	<b>Kyriakos Anastasiadis</b> Modular minimal invasive Extracorporeal Circulation (MiECC) Systems as the standard practice for performing Cardiac Surgery
10:30-10:50	Valerio Mazzei Feasibility of utilization of miniaturized CPB during aortic valve surgery including minimally invasive approach
11:20-11:40	<b>Robert Baker</b> Transfusion, Independent of Anaemia is Associated with mortality after Cardiac Surgery: Multicentre Analysis using the perfusion Downunder Collaborative Database
11.40-12:00	Debora Castellani Technical strategies to reduce hemodilution
12:00.12:20	Timothy Jones The role of Simulation in Perfusion
12.20-12:40	<b>Mirko Belliato MD</b> vv-ECMO: the 'LANDING monitor real time contribution' for adequate patient's respiratory function.
12:40-1300	Andy Stone Single Centre retrospective Investigation in a routine use of a new Oxygenation System
14:00-14:40	Poster session powerpoint presentations 23-30
14:40-15:00	Sorin presentation
15:00-15:15	<b>Carole Hamilton</b> 3/8" venous line without vacuum – what are the limits?
15:15-15:30	Leen Vercaemst Blood cell trauma in ECLS- The Role of Centrifugal Pumps
15:30-15.45	Roberto Miceli The application of the ECMO circuit in Neurosurgery
16:15-16:35	Marc Lagny Leucocytes and Lipid particles Filtration in suction blood during CPB: impact on Kidney Function evaluated with a monocentric prospective randomized study

## 16:35-16:50 Anatole Kanevsky Oxygenator Performance Characteristics in a 2.93m<sup>2</sup> BSA patient – A case report

#### 16:50-17:05 Frank Merkle What is the risk of CPB?

Time	POSTER PRESENTATION Speaker/title	Page
14:00-14:05	Monica Patricia Hernandez Abaunza Comparative Study of Del Nido versus Custodiol Cardioplegia in Adult Cardiac Surgery	
14:05-14.10	Jessica Dada Challenges to Perfusion Practice following the Introduction of an Intra-aortic Occlusion Device in a Centre with experience of Minimal Incision Cardiac S	
14.10-14.15	Judita Andrejaitiene Post-operative Delirium in Patients after Cardiac Surgery: Incidence, Risk Factors and Outcome	
14.15-14:20	James Ferguson The Comparison of the gold standard blood gas to the real-time Spectrum non-invasive blood gas monitoring system for maintaining the patients physiological parameters during CPB	
14.20-14:25	<b>Cinzia Casarotto</b> Separation of Extracavity Blood during coronary Surgery reduces Systemic Inflammatory Response, Hemolysis, need for Transfusion and post-op hosp	italization
14:25-14:30	Anna Semenova Somatic NIRS-Oxymetry may reflect the Adequacy of Perfusion in Adults	
14:30-14.35	Aleksandra Temelkovska Aortic valve surgery using only blood for cardioprotection	
14:35-14:40	Altia Crous An Evaluation and comparison of Metabolic and Clinical changes in patients Acute Coronary Syndromes Undergoing On-pump and Off-pump CABG	s with