



## DAY 1: Friday 8<sup>th</sup> November

### Full Scientific Programme – Trafford Suite



- 09.00 Registration and Coffee  
11.00 Chairman's Welcome: Andrew Heggie  
11.05 College of Clinical Perfusion Scientists Annual General Meeting

- 12.05 **Guest Speaker Slot**  
Chairperson: Andrew Heggie

#### *Guest Speaker*

- 12.05-12.35 ***'Cardiac rehab: could we be doing it the wrong way around?'***  
- Paul Stern, Health Service Engagement Lead, British Heart Foundation

- 12.35 Lunch

- 13.35 **Scientific Session One:**  
Chairperson: David Chambers

- 13.35-13.50 ***'Case report: deep hypothermic ECMO cannula exchange in a child with necrotic pneumonia'***  
- Alex Robertson, Chief Perfusionist, Great Ormond Street Hospital, London

- 13.50-14.20 ***'Beyond the Protocol – Train for the Unexpected'***  
- Dr Katherine Lamb, Effective Command Practitioner & Claire Swift, Senior Perfusionist, John Radcliffe Hospital, Oxford

- 14.20-14.35 ***'Thermal Imaging of the Cardiopulmonary Bypass System in Cardiac Surgery during an Aortic Valve Replacement Procedure'***  
- John Campbell, Chief Perfusionist, Trent Cardiac Centre, Nottingham University Hospitals Trust



14.35-14.50 ***'A concept for the future of extracorporeal technologies in UK & Ireland'***

- Simon Anderson, Senior Clinical Perfusionist, Royal Papworth Hospital,  
Cambridge

14.50-15.05 ***'An Avoidable Death'***

- Gerry Webb, Head of Clinical Perfusion, University Hospitals Plymouth NHS  
Trust

*Guest Speaker*

15.05-15.50 ***'Peri-operative Physiology and Anaesthetic Management during Delcath  
Chemosaturation'***

- Dr Sanjay Gupta FRCA FICM, Consultant Anaesthetist and Intensivist,  
University Hospital Southampton

15.50 Tea and Coffee Break



- 16.20      **Scientific Session Two**  
Chairperson: Simon Kendall
- 16.20-16.35      ***'Case study of accidental hypothermia as a result of water submersion, and an update on recent published evidence for best practice in treatment'***  
Elizabeth Stevens, Clinical Perfusionist, University Hospital of Wales
- 16.35-16.50      ***'The Utility of Aortic Valve Leaflet Reconstruction Techniques in Children and Young Adults'***  
- Dr Richard Issitt, Senior Paediatric Perfusionist, Great Ormond Street Hospital, London
- 16.50-17.05      ***'"Is 300 enough?" A practical insight into aortic root venting and effective de-airing'***  
- Nicholas Trafford, Senior Clinical Perfusionist, Essex Cardiothoracic Centre
- 17.05-17.20      ***'Case Study: A Patient with cold agglutinin disease'***  
- Karolina Peszko, Clinical Perfusionist, Freeman Hospital, Newcastle upon Tyne
- 17.30      Manufacturer's Reception with Student Poster Presentation  
- Exhibition Area



## DAY 2: Saturday 9<sup>th</sup> November

- 09.00      **Scientific Session 3: Student papers**
- Chairperson: Dr Fiona Holmes and Professor Sarah George, Translational Health Sciences, Bristol Medical School, University of Bristol
- 09.00-09.15      ***'Time to wake-up? Circadian rhythms in cardiac surgery & the future of cardiovascular research'***
- Andy Murray, Liverpool Heart & Chest Hospital
- 09.15-09.30      ***'Pulsatile versus non-pulsatile flow during cardiopulmonary bypass: effects on haemolysis and renal function'***
- Caroline Newey, Royal Papworth Hospital, Cambridge
- 09.30-09.45      ***'Does lipid and leukocyte depletion during coronary artery bypass graft surgery reduce the risk of postoperative cognitive dysfunction? Proposal for a randomised controlled trial'***
- Katie Rynne, John Radcliffe Hospital, Oxford
- 09.45-10.00      ***'A Randomised, Triple-Blind Study to Assess the Impact of Cell Salvage on ROTEM Analysis and Allogeneic Transfusions in Elective Cardiac Surgery: Is the Volume of Autologous Transfusion Associated With Coagulopathy'***
- Oliver Rothwell, Lancashire Cardiac Centre, Blackpool
- 10.00-10.15      ***'A retrospective analysis and prospective survey to evaluate if clinical parameters show a trend that may predict an ECMO circuit change'***
- Reeba Cheriyan, Royal Brompton & Harefield NHS Foundation Trust, London
- 10.15-10.30      MSc Perfusion Science: A Bristol Update
- Professor Sarah George and Dr Fiona Holmes
- 10.30-11.00      Tea and Coffee Break



- 11.00      **Scientific Session 4**  
Chairperson: Gerry Webb
- 11.00-11.15    ***'Chalice Medical Ltd. Paratherm - Update'***  
- Richard Hartshorne, Clinical Specialist, Chalice Medical
- 11.15-11.30    ***'Update Concerning MDR Implementation and Continuing Impact on Cardiac Surgery'***  
- Mike van Driel, Business Director Extracorporeal Technologies, Medtronic International
- 11.30-11.45    ***'Reservoir empty? Burnout, overload and moral fatigue in perfusion'***  
- Rosie Smith, Lead Perfusionist, Royal Brompton & Harefield NHS Foundation Trust
- 11.45-12.00    ***'Perfusion in the Digital Age: The role of the Perfusion Bioinformatician'***  
- Dr Richard Issitt, Senior Paediatric Perfusionist, GOSH
- 12.00-12.15    ***'3T Heater cooler management challenges 2003 to 2019'***  
- John Campbell, Chief Perfusionist, Trent Cardiac Centre, Nottingham University Hospitals Trust
- 12.15-12.30    ***'Is there a population of adults who would benefit from Modified ultrafiltration'***  
- Sarah Goring, Clinical Perfusionist, Royal Brompton Hospital
- 12.30-12.45    ***'ECMO CPR at Wythenshawe'***  
- Alexandra Sheardown, Clinical Perfusionist, Manchester University Foundation Trust
- Guest Speaker*
- 12.45-13.30    ***'Cardiac surgery and extracorporeal circulation – Some moments in history'***  
- Colin Green
- 13.30            Lunch
- 14.30            Society of Clinical Perfusion Scientists Annual General Meeting  
SCPS website (Sophie Gray, University Hospital Southampton)
- 16.00            Tea



## DAY 3: Sunday 10<sup>th</sup> November

### 09.00      **Safety Issues in Perfusion 2019: Discussion Session**

#### ***Introduction and presentation of submitted incident reports***

- Noel Kelleher, Chair of the Safety Committee, University Hospital of Wales

#### ***'Safety 2'***

- John O'Neill, Lead Clinical Perfusionist, Barts Health NHS Trust

#### ***'TAVI and pacing lead extraction cover'***

- Andy Nichols, Chief Clinical Perfusionist, Leeds Teaching Hospitals NHS Trust

#### ***'The new EBCP/EACTS cardiopulmonary guidelines'***

- John Campbell, Chief Perfusionist, Trent Cardiac Centre, Nottingham University Hospitals Trust

Open forum

12.00      Meeting Close



## Breakout Sessions 2019

Please register prior to the sessions at the registration desk.

Sessions have a limited number of participants.

Sessions will be held in the Rolls and Royce rooms.

### Friday 8<sup>th</sup> November Session 1

Rolls 14.00-17.00

College Exam

Royce 14.05-15.05

'UV Treo HCU designed with patient and perfusionist safety in mind' - Terumo Break Out Session

### Saturday 9<sup>th</sup> November Session 2

Rolls 09.00-10.30

College Exam

Royce 09.00-10.30

Getinge 'IABP' Break Out Session

### Saturday 9<sup>th</sup> November Session 3

Rolls 11.00-12.00

College Exam

Royce 11.00-12.15

College Break Out Session – 'College Visits' discussion



## Acknowledgements & Thanks

The Society of Clinical Perfusion Scientists of Great Britain and Ireland would like to acknowledge and thank the companies listed below who have provided educational grants to support this meeting.

These are, in alphabetical order:

Abbott

Chalice

Eurosets

Getinge

GTA

Linc Medical

Liva Nova

Medtronic

Pharmapal

Teleflex

Terumo

Werfen