**D.A.Y 1: Friday 8th November**

**Full Scientific Programme – Trafford Suite**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>09.00</td>
<td>Registration and Coffee</td>
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<tr>
<td>11.00</td>
<td>Chairman’s Welcome: Andrew Heggie</td>
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<td>11.05</td>
<td>College of Clinical Perfusion Scientists Annual General Meeting</td>
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<td>12.05</td>
<td><strong>Guest Speaker Slot</strong></td>
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<td>Chairperson: Andrew Heggie</td>
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<td><strong>Guest Speaker</strong></td>
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<td>12.05-12.35</td>
<td><em>Cardiac rehab: could we be doing it the wrong way around?</em></td>
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<td>- Paul Stern, Health Service Engagement Lead, British Heart Foundation</td>
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<td>12.35</td>
<td>Lunch</td>
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<td>13.35</td>
<td><strong>Scientific Session One:</strong></td>
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<td>Chairperson: David Chambers</td>
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<td>13.35-13.50</td>
<td><em>Case report: deep hypothermic ECMO cannula exchange in a child with necrotic pneumonia</em></td>
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<td>- Alex Robertson, Chief Perfusionist, Great Ormond Street Hospital, London</td>
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<td>13.50-14.20</td>
<td><em>Beyond the Protocol – Train for the Unexpected</em></td>
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<td>- Dr Katherine Lamb, Effective Command Practitioner &amp; Claire Swift, Senior Perfusionist, John Radcliffe Hospital, Oxford</td>
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<td>14.20-14.35</td>
<td><em>Thermal Imaging of the Cardiopulmonary Bypass System in Cardiac Surgery during an Aortic Valve Replacement Procedure</em></td>
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<td>- John Campbell, Chief Perfusionist, Trent Cardiac Centre, Nottingham University Hospitals Trust</td>
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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
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 10th 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
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 8th 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 9th November Session 2**

Rolls 09.00-10.30  College Exam
Royce 09.00-10.30  Getinge ‘IABP’ Break Out Session

**Saturday 9th November Session 3**

Rolls 11.00-12.00  College Exam
Royce 11.00-12.15  College Break Out Session – ‘College Visits’ discussion
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
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