ANNUAL MEETING

PROGRAMME

The Brighton Centre

17th March 2013
SCTS University

18th - 19th March 2013
Annual Meeting

WWW.SCTS.ORG

2013

BRIGHTON
2013
SCTS UNIVERSITY
ANNUAL MEETING &
CARDIOTHORACIC FORUM

Programme

17-19 March 2013
Brighton International Centre
Organised By

Society for Cardiothoracic Surgery in Great Britain and Ireland

Ian Wilson - Meeting Secretary
Email: ian.c.wilson@uhb.nhs.uk

Jonathan Hyde – Deputy Meeting Secretary
Email: jonathan.hyde@bsuh.nhs.uk

Isabelle Ferner - Society Administrator & Conference Organiser
Email: sctsadmin@scts.org

Tilly Mitchell - Finance & Exhibition Co-ordinator
Email: tilly@scts.org

Christina Bannister – Nursing Representative
Email: christina.bannister@suht.swest.nhs.uk

Vipin Zamvar - Publishing Secretary
Email: zamvarv@hotmail.com

Future Meetings
The 2014 meeting is to be held at:
Edinburgh International Conference Centre
9th to 11th March 2014

All best endeavours will be made to present the programme as printed. However the Society for Cardiothoracic Surgery in Great Britain and Ireland reserves the right to alter or cancel without prior notice any of the arrangements, timetables, plans or other items relating directly or indirectly to the meeting for any cause beyond their reasonable control. The Society for Cardiothoracic Surgery in GB & Ireland is not liable for any loss or inconvenience caused as a result of such alteration. In the event of cancellation of the congress all pre-paid fees will be refunded in full. However the Society for Cardiothoracic Surgery in GB & Ireland is not liable for any other loss or inconvenience caused as a result of such cancellation and delegates are therefore advised to take out their own travel insurance and extend their policy for personal possessions as the meeting does not cover individuals against cancellations of bookings or theft or damage of belongings.

Designed and printed by CPL ASSOCIATES, London.
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Ottavio Alfieri  
Professor of Cardiac Surgery  
Ospedale San Raffaele, Milan, Italy  

Miguel Congregado  
Professor of Thoracic Surgery, University Hospital Virgen Macarena, Seville, Spain  

Philippe Dartevelle  
Professor of Thoracic Surgery  
Marie Lannelongue Hospital, Paris, France  

Dr Jose da Silva  
University of Sao Paulo  
Sao Paulo, Brazil  

Tirone David  
Professor of Cardiac Surgery  
Toronto General Hospital, Canada  

Roberto Di Bartolomeo  
Professor of Cardiac Surgery  
University of Bologna, Italy  

Gebrine El Khoury  
Professor of Cardiac Surgery  
Hospital St Luc, Brussels, Belgium  

John Elefteriades  
Professor of Cardiac Surgery  
Yale University School of Medicine, New Haven, USA  

Diego Gonzalez Rivas  
Professor of Thoracic Surgery  
Coruña University Hospital, Spain  

Rune Haaverstad  
Professor of Cardiothoracic Surgery  
Bergen University Hospital, Norway  

Pieter Kappetein  
Professor of Cardiothoracic Surgery  
Erasmus Medical Centre, Rotterdam, Netherlands  

Dr Philippe Kolh  
University Hospital of Liege  
Liege, Belgium  

Dr Gilbert Massard  
Center Hospitalier  
Strasbourg, France  

Mr Pablo Moreno de la Santa Barajas  
Professor of Thoracic Surgery  
Consultant Thoracic Surgeon, Hospital Povisa, Vigo, Spain  

Dr James V O’Connor  
Associate Professor of Surgery / Director of Thoracic and Vascular Surgery  
Baltimore Shock Trauma Centre, USA  

Dr Rene Petersen  
Copenhagen University Hospital  
Copenhagen, Denmark  

Hans Pilegaard  
Professor of Thoracic Surgery  
Aarhus University Hospital, Denmark  

Dr Dirk-Jan Slebos  
University Medical Centre  
Groningen, Netherlands  

Hanneke Takkenberg  
Professor of Epidemiology  
Erasmus Medical Centre, Rotterdam, Netherlands  

Malcolm Underwood  
Professor of Cardiac Surgery  
The Chinese University of Hong Kong  

Alec Vahanian  
Professor of Cardiology  
Bichat Hospital, Paris, France  

Dr Arschang Valipour  
Ludwig-Boltzmann Institute for COPD  
Vienna, Austria
Jean Louis Vanoverschelde  
Professor of Cardiology  
University of Leuven, Brussels, Belgium

Edward Verrier  
Professor Cardiac Surgery  
University of Washington, Seattle, USA

Jean-Marie Wihlm  
Professor of Thoracic Surgery  
Nouvel Hospital Civil, Strasbourg, France

Mustafa Yuksel  
Professor of Thoracic Surgery  
Marmara University Medical School, Istanbul, Turkey

Andreas Zuckermann  
Professor of Cardiac Surgery, University of Vienna, Austria

Dr Shahreen Ahmad  
Consultant Clinical Oncologist  
Guy’s & St Thomas’ Hospital, London

Dr Shubha Allard  
Consultant Haematologist  
NHSBT/Barts Health NHS Trust, London

Dr Peter Alston  
Department of Anaesthesia and Critical Care  
Royal Infirmary of Edinburgh

Anne Baileff  
Senior Lecturer in Non-Medical Prescribing  
University of Southampton

Amy Bradley  
Thoracic Research Sister  
Birmingham Heartlands Hospital

Dr Michael Burch  
Consultant Paediatric Cardiologist  
Great Ormond Street, London

Kate Caston  
Head of Specialised Commissioning  
Department of Health

John Chambers  
Professor of Cardiology  
Guy’s and St Thomas’

Dr Andrew Cook  
Senior Lecturer, Education and Cardiac Morphology  
University College London

Dr Francesca Cormack  
MRC Cognition and Brain Science Unit  
Cambridge University

Hugo Critchley  
Professor of Psychiatry  
Brighton and Sussex Medical School

Mr Carl Davis  
Scottish ECMO Programme Director  
The Royal Hospital for Sick Children, Glasgow

Dr Adam de Belder  
Consultant Cardiologist  
Sussex Cardiac Centre, Brighton

Dr Georgina Ellison  
Senior Lecturer in Stem Cell Biology  
Kings College London

Dr Derek Hausenloy  
Reader in Cardiovascular Medicine  
University College London
<table>
<thead>
<tr>
<th>Name</th>
<th>Position &amp; Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr David Hildick-Smith</td>
<td>Cardiology Department, Brighton and Sussex University Hospitals</td>
</tr>
<tr>
<td>Mr Stuart James</td>
<td>Consultant Plastic Surgeon, The Royal Marsden Hospital</td>
</tr>
<tr>
<td>Anke Karl</td>
<td>Senior Lecturer in Psychology, University of Exeter</td>
</tr>
<tr>
<td>Nazish Khan</td>
<td>Chief Cardiac Pharmacist, New Cross Hospital, Wolverhampton</td>
</tr>
<tr>
<td>Dr Guy MacGowan</td>
<td>Consultant Cardiologist, Freeman Hospital, Newcastle</td>
</tr>
<tr>
<td>Dr Joe Maguire</td>
<td>Consultant Oncologist, Clatterbridge Centre for Oncology</td>
</tr>
<tr>
<td>Professor Surgeon</td>
<td>Captain Mark Midwinter, Defence Professor of Surgery, Royal Navy and University Hospital Birmingham</td>
</tr>
<tr>
<td>Dr Mike Norrel</td>
<td>Consultant Cardiologist, The Royal Wolverhampton NHS Trust</td>
</tr>
<tr>
<td>Dr Tessa Oelofse</td>
<td>Consultant Anaesthetist and Intensivist, Queen Elizabeth Hospital Birmingham</td>
</tr>
<tr>
<td>Dr Jayan Parameshwar</td>
<td>Consultant Cardiologist, Papworth Hospital, Cambridge</td>
</tr>
<tr>
<td>Dr Susanna Price</td>
<td>Consultant Cardiologist and Intensivist, Royal Brompton Hospital, London</td>
</tr>
<tr>
<td>Dr Neil Rasburn</td>
<td>Consultant Anaesthetist, University Hospitals Bristol</td>
</tr>
<tr>
<td>Dr Kevin Roman</td>
<td>Consultant Cardiologist, Southampton</td>
</tr>
<tr>
<td>Cathy MacDonald</td>
<td>Medical Science Liaison Officer, AstraZeneca</td>
</tr>
<tr>
<td>Andrea Spyropoulos</td>
<td>President of the Royal College of Nursing, London</td>
</tr>
<tr>
<td>Dr David Talbot</td>
<td>Consultant Transplant Surgeon, Freeman Hospital, Newcastle Upon Tyne</td>
</tr>
<tr>
<td>Brian Toft OBE</td>
<td>Professor in the Department of Patient Safety, Coventry University</td>
</tr>
<tr>
<td>Dr Paul Walker</td>
<td>Lung Cancer Lead, Aintree Hospital, Liverpool</td>
</tr>
<tr>
<td>Gerry Webb</td>
<td>Clinical Perfusion Science Department, Derriford Hospital, Plymouth</td>
</tr>
<tr>
<td>Andy Wolf</td>
<td>Professor of Anaesthesia, Bristol Heart Institute</td>
</tr>
</tbody>
</table>
CONTINUING PROFESSIONAL DEVELOPMENT
Delegates will be awarded 7½ credits for the SCTS University and 14 credits of CPD for attendance at the whole Annual Meeting. Please note that certificates of attendance will be available online after the conference following completion of an electronic feedback form.

ANNUAL DINNER
The SCTS Annual Dinner will take place on Monday 18th March between 19:30hrs and 23:30hrs at the Grand Hotel. In keeping with the location there will be a seaside theme and the dinner includes drinks on arrival and a three-course meal including wine and entertainment. Dress code will be black tie/cocktail dresses.

Tickets are £60 per head and can be purchased from the registration desk until 13:00hrs on Monday 18th March.

ANNUAL BUSINESS MEETING
The Annual Business Meeting will be held on Monday 18th March 2013 between 16:45hrs and 18:15hrs. Please note that the Business Meeting is open to Society members only.

BOARD OF REPRESENTATIVES
The Board of Representatives meeting will be held on Tuesday 19th March 2013 between 16:15hrs and 18:00hrs.

HEART RESEARCH UK LECTURE
Dr Tirone David will deliver his lecture on Tuesday 19th March 2013, in the Aortic Valve Surgery Session, commencing at 10:45hrs.

REFRESHMENTS AND LUNCH
Complementary tea and coffee will be provided during the official breaks in the exhibition hall. A buffet is included in the registration fee, and will also be served in the exhibition hall.

REGISTRATION
Saturday 16th March 17:00 - 18:00hrs
Sunday 17th March 07:30 - 18:30hrs
Monday 18th March 07:30 - 18:00hrs
Tuesday 19th March 07:30 - 14:00hrs

POSTERS
All posters should be mounted in their indicated space before 08:30hrs on Monday 18th March and should be removed between 13:30hrs and 16:15hrs on Tuesday 19th March. Any posters not collected by 16:15hrs will be disposed by the organisation team.

The 2013 SCTS University, Annual Meeting & Cardiothoracic Forum is at the Brighton Centre from Sunday 17th March - Tuesday 19th March 2013
SPEAKER’S ROOM
All presenters are requested to review their audio-visual material in the Speaker’s room by the following times:

Morning presentations: by 15:00hrs on the day before presentation
Afternoon presentations: by 09:30hrs on the day of presentation

TRADE EXHIBITION
The Annual Meeting Trade Exhibition will be held in conjunction with the Meeting and will be open as follows:
Sunday 17th March
17:00- 18:30
Monday 18th March
08:00- 18:00
Tuesday 19th March
08:00- 14:00

WELCOME RECEPTION
There will be a Welcome Reception in the Trade Exhibition, Brighton Centre on the evening of Sunday 17th March 2013 from 17:00-18:30hrs. The Welcome Reception is included in the registration fee.

WI-FI
WiFi is available, courtesy of Cardio Solutions
Prizes & Scholarships

**SCTS 2012 Prize Winners**
- Ronald Edwards Medal: B Nguyen
- John Parker Medal: S Stoica
- Society Thoracic Medal: B Naidu
- Best CT Forum Presentation: J Broughton & D Southey
- Best student poster Presentation: N Papalexopoulos

The winners will be presented with their medals at the annual dinner.

**SCTS 2013 Awards**
- Ronald Edwards Medal: Best scientific presentation
- John Parker Medal: Best clinical presentation
- Society Thoracic Medal: Best thoracic presentation
- Society CT Forum Medal: Best CT Forum presentation
- The Patrick Magee Medal: Best student poster presentation

The winners will be announced by email after the annual meeting.

**SCTS 2013 Scholarships**
- The Marian & Christina Ionescu Travelling Scholarship
- SCTS Ethicon Scholarships
**SCTS Executive Committee 2012–2013**

Mr James Roxburgh  
President  
2012 – 2014

Mr Tim Graham  
President Elect  
2012 – 2014

Mr Graham Cooper  
Honorary Secretary  
2008 – 2013

Mr Simon Kendall  
Honorary Secretary elect  
2012 – 2013

Mr Malcolm Dalrymple-Hay  
Honorary Treasurer  
2009 – 2014

Mr Ian Wilson  
Meeting Secretary  
2012 – 2017

Prof Chris Munsch  
Education Secretary  
2012 – 2015

Mr M Murphy  
Senior Trainee Representative  
2012 – 2015

Mr D McCormack  
Junior Trainee Representative  
2012 – 2015

Mrs Christina Bannister  
Nursing Representative  
2012 – 2017

Mr Steve Livesey  
Chairman of the SAC  
2010 – 2013

Mr Ben Bridgewater  
Chairman of the Data Committee  
2008 –

Mr Mike Fisher  
Patient Representative  
2012 –

Mr Rajesh Shah  
Elected member  
2010 – 2013

Mr Stephen Westaby  
Elected member  
2010 – 2013

Mr David Waller  
Elected member  
2011 – 2014

Mr Graham Venn  
Elected member  
2011 – 2014

Mr Jonathan Hyde  
Elected member/Deputy Meeting Secretary  
2012 – 2015

Mr Ed Black  
Elected member  
2012 – 2015

Mr Andrew McLean  
Co-opted Congenital Representative  
2011 –

Mr Joe Marzouk  
Co-opted Thoracic Representative  
2012 – 2013

**Board of Representatives 2012–2013**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
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<tbody>
<tr>
<td>Steve Livesey</td>
<td>Chairman of the SAC</td>
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<tr>
<td>John Smith</td>
<td>Chairman of Inter-Collegiate Board</td>
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<tr>
<td>Sion Barnard</td>
<td>Cardiothoracic Dean</td>
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<td>Michael Lewis</td>
<td>Cardiothoracic Tutor</td>
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<td>Richard Page</td>
<td>Thoracic Audit</td>
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<td>Jim McGuigan</td>
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<td>Hussein El-Shafei</td>
<td>Aberdeen Royal Infirmary</td>
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<td>Prem Venugopal</td>
<td>Alder Hey Children's Hospital</td>
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<td>Tim Jones</td>
<td>Birmingham Children's Hospital</td>
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<td>Pala Rajesh</td>
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<td>Richard Steyn</td>
<td>Birmingham Heartlands Hospital</td>
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<td>Franco Sogliani</td>
<td>Blackpool Victoria Hospital</td>
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<td>Franco Ciulli</td>
<td>Bristol Royal Infirmary</td>
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<td>Mike Cowen</td>
<td>Castle Hill Hospital</td>
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<td>Karen</td>
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<td>Adrian</td>
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<td>David</td>
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<td>David</td>
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<td>J Mark</td>
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<td>Cliff</td>
<td>Barlow</td>
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<td>Kulvinder</td>
<td>Lall</td>
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<td>Robin</td>
<td>Kanagasaboy</td>
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<td>Eilis</td>
<td>McGovern</td>
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<td>Andrew</td>
<td>Chukwuemeka</td>
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<td>Shyam</td>
<td>Kolvekar</td>
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<tr>
<td>Uday</td>
<td>Trivedi</td>
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<td>Domenico</td>
<td>Pagano</td>
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<tr>
<td>Dheeraj</td>
<td>Mehta</td>
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<tr>
<td>Sunil</td>
<td>Bhudia</td>
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<tr>
<td>Rajesh</td>
<td>Shah</td>
</tr>
<tr>
<td>Alistair</td>
<td>Marshall</td>
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</tbody>
</table>
Committee Chairs

Mr Leslie Hamilton  CEA Committee  2011 – continuing
Mr Ben Bridgewater  Data Committee  2008 – continuing
Mr Chris Munsch  Education Committee  2012 – 2017
Mr Graham Cooper/ Mr John Duffy  Thoracic Sub-Committee  2010 – continuing
From March 2013
Mr Simon Kendall / Mr David Waller
Mr James Roxburgh  Congenital Sub-Committee  2011 –
Mr Andrew McLean
Mr Tim Graham  Cardiac Sub-Committee  2012

Working Group Chairs

Mr Graham Venn  Job Planning Guidelines  2007 –
Mr Steve Livesey  Revalidation  2008 – continuing
Mr Graham Cooper  Commissioning Guidelines  2011 –

Programme Committee 2013 Meeting

Organisers:
Mr Ian Wilson  Meeting Secretary
Mr Jonathan Hyde  Deputy Meeting Secretary

Lead Reviewers:
Dr David Chambers  Adult Cardiac Scientific
Mr Steve Clark  Advanced Heart & Lung Failure Surgery (& Miscellaneous)
Mr Malcolm Dalrymple-Hay  Adult Cardiac Clinical
Mr Sion Barnard  Thoracic
Prof Ben Bridgewater  Adult Cardiac Clinical
Mr Andrew Parry  Congenital
Mrs Christina Bannister  CT Forum

Abstract Reviewers 2013 Meeting

Adult Cardiac Clinical:  Prof Ben Bridgewater (lead)
Mr Malcolm Dalrymple-Hay (lead)
Mr Joel Dunning
Mr Geoff Berg
Mr John Butler
Mr Mobi Chaudhry
Mr Paul Modi
Mr Dheeraj Mehta
Mr Mark Pullan
<table>
<thead>
<tr>
<th>Name</th>
<th>Representing</th>
<th>Tenure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steve Livesey</td>
<td>Chairman &amp; SCTSGBI representative</td>
<td>2010 – 2013</td>
</tr>
<tr>
<td>Jon Anderson</td>
<td>Joint College representative</td>
<td>2008 – 2013</td>
</tr>
<tr>
<td>Sion Barnard</td>
<td>Specialty Dean of SCTS &amp; SCTSGBI representative</td>
<td>2007 – 2014</td>
</tr>
<tr>
<td>David Barron</td>
<td>SCTSGBI representative &amp; Congenital Surgery rep</td>
<td>2007 – 2013</td>
</tr>
<tr>
<td>Steve Hunter</td>
<td>National Recruitment Officer</td>
<td>2004 – 2013</td>
</tr>
<tr>
<td>Jonathan Hyde</td>
<td>Joint College representative</td>
<td>2009 – 2014</td>
</tr>
<tr>
<td>Simon Kendall</td>
<td>SCTSGBI representative</td>
<td>2011 – 2016</td>
</tr>
<tr>
<td>Alan Kirk</td>
<td>Joint College representative</td>
<td>2008 – 2013</td>
</tr>
<tr>
<td>Michael Lewis</td>
<td>Intercollegiate specialty tutor &amp; MRCS representative/lead Simulation Lead</td>
<td>2010 – 2015</td>
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<tr>
<td></td>
<td>(co-opted member)</td>
<td></td>
</tr>
<tr>
<td>David McCormack</td>
<td>Trainee representative (junior)</td>
<td>2012 –</td>
</tr>
<tr>
<td>Chris Munsch</td>
<td>SCTSGBI representative</td>
<td>2012 – 2017</td>
</tr>
<tr>
<td>Name</td>
<td>Position</td>
<td>Years</td>
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</tr>
<tr>
<td>Mick Murphy</td>
<td>Trainee representative (senior)</td>
<td>2012 –</td>
</tr>
<tr>
<td>Peter O’Keefe</td>
<td>Joint College representative</td>
<td>2009 – 2014</td>
</tr>
<tr>
<td>Domenico Pagano</td>
<td>Academic Selection (co-opted member)</td>
<td>2009 – 2013</td>
</tr>
<tr>
<td>John Pepper</td>
<td>SCTSGBI representative</td>
<td>2007 – 2012</td>
</tr>
<tr>
<td>Simon Plint</td>
<td>Lead Dean</td>
<td>2011 – 2012</td>
</tr>
<tr>
<td>Mark Redmond</td>
<td>Joint College representative (Republic of Ireland)</td>
<td>2011 – 2016</td>
</tr>
<tr>
<td>Steve Rooney</td>
<td>SCTSGBI representative</td>
<td>2011 – 2016</td>
</tr>
<tr>
<td>Rajesh Shah</td>
<td>SCTSGBI representative</td>
<td>2012 – 2017</td>
</tr>
<tr>
<td>John Smith</td>
<td>ISB Chairman</td>
<td>2010 – 2013</td>
</tr>
<tr>
<td>Geoff Tsang</td>
<td>Joint College representative</td>
<td>2011 – 2016</td>
</tr>
<tr>
<td>Jonathan Unsworth-White</td>
<td>SCTSGBI representative</td>
<td>2009 – 2014</td>
</tr>
</tbody>
</table>

**Intercollegiate Board in Cardiothoracic Surgery 2012–2013**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr Mike Lewis</td>
<td>Representative of the Society for Cardiothoracic Surgery</td>
<td>4/2012 – 3/2017</td>
</tr>
<tr>
<td>Steve Livesey</td>
<td>Chairman SAC in Cardiac Thoracic Surgery</td>
<td>1/2011 – 12/2013</td>
</tr>
<tr>
<td>Mark Jones</td>
<td>Representative of the Royal College of Surgeons of England</td>
<td>6/2012 – 5/2017</td>
</tr>
<tr>
<td>Vincent Young</td>
<td>Representative of the Royal College of Surgeons in Ireland</td>
<td>8/2008 – 7/2013</td>
</tr>
<tr>
<td>Clifford Barlow</td>
<td>Representative of the Royal College of Physicians and Surgeons of Glasgow</td>
<td>4/2012 – 3/2017</td>
</tr>
<tr>
<td>Jim McGuigan</td>
<td>Representative of the Royal College of Surgeons of Edinburgh</td>
<td>12/2012 – 11/2017</td>
</tr>
</tbody>
</table>
## Society Representatives on Other Bodies

<table>
<thead>
<tr>
<th>Organisation</th>
<th>Representative</th>
<th>Tenure (Inclusive)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Senate and Federation of Surgical Specialist Associations</td>
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10-Year Meeting History

2003  Edinburgh International Conference Centre  Edinburgh
2004  Beau Sejour Centre  Guernsey
2005  Olympia Conference Centre  London
2006  CityWest Conference Centre  Dublin
2007  Manchester International Convention Centre  Manchester
2008  Edinburgh International Conference Centre  Edinburgh
2009  Bournemouth International Centre  Bournemouth
2010  Arena & Convention Centre  Liverpool
2011  ExCel London  London
2012  Manchester Central - Joint with ACTA  Manchester
2013  The Brighton Centre  Brighton
## Sunday 17 Mar Timetable

<table>
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<tr>
<th>Time</th>
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<tr>
<td>8.00</td>
<td>Welcome Reception</td>
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<tr>
<td>9.00</td>
<td>Mitral Valve Repair Surgery</td>
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<tr>
<td>9.30</td>
<td>Contemporary Coronary Artery Revascularisation:</td>
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<tr>
<td>10.00</td>
<td>A Masterclass in Aortic Regurgitation Surgery</td>
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<td>10.30</td>
<td>Thoracic Trauma</td>
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<tr>
<td>11.00</td>
<td>A Masterclass in Atrial Switch Surgery</td>
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<tr>
<td>11.30</td>
<td>Thoracic Surgery - Pushing the Boundaries</td>
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<tr>
<td>12.00</td>
<td>State of the Art Thoracic Aortic Aneurysm Surgery</td>
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<tr>
<td>12.30</td>
<td>Choosing the Optimal Valve Prostheses</td>
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<tr>
<td>13.00</td>
<td>Intraoperative Imaging in CABG Surgery</td>
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<td>Chest Wall Reconstruction</td>
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<tr>
<td>15.00</td>
<td>Advances in Interventional Management of Emphysema</td>
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<tr>
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<td>Minimally Invasive Thoracic Surgery</td>
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<td>16.00</td>
<td>Complex Congential Outflow Reconstruction</td>
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<td>16.30</td>
<td>Thoracic Surgery - Debates</td>
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<td>Heart Failure Surgery</td>
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### Sessions
- **Mitral Valve Repair Surgery**
- **Contemporary Coronary Artery Revascularisation**
- **A Masterclass in Aortic Regurgitation Surgery**
- **Thoracic Trauma**
- **Intraoperative Imaging in CABG Surgery**
- **Thoracic Surgery - Pushing the Boundaries**
- **State of the Art Thoracic Aortic Aneurysm Surgery**
- **Choosing the Optimal Valve Prostheses**
- **Advances in Interventional Management of Emphysema**
- **Minimally Invasive Thoracic Surgery**
- **Complex Congential Outflow Reconstruction**

### Locations
- **Auditorium**
- **Syndicate 1 & 2**
- **Syndicate 3 & 4**
- **Meeting Room 9**
- **Meeting Room 10**
- **Exhibition Hall**

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SCTS BRIGHTON

21
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SCTS BUSINESS AND SATELLITE MEETINGS

Heart Team Working Group
Saturday March 16, 2013
Meeting Room 15: 17:00-18:00
G Copper, H. Luckraz, M. Norel
1Sheffield/UK, 2Wolverhampton/UK

President’s Meeting
Sun, March 17, 2013
Meeting Room 15: 13:45 - 14:15
Moderation: J. Roxburgh, M. Dalrymple-Hay, T.R. Graham,
S. Kendall, G. Cooper, C. Bannister
1London/UK, 2Plymouth/UK, 3Birmingham/UK, 4Middlesbrough/UK,
5Sheffield/UK, 6Southampton/UK

Welcome Reception
Sun, March 17, 2013
Exhibition Hall: 17:00 - 18:30

SCTS Meeting - SCPs: A Way Forward
Sun, March 17, 2013
Meeting Room 11: 18:00-19:00
S. Nashef, S. Kendall, J. Roxburgh, T. R. Graham
1Cambridge/UK, 2Middlesbrough/UK, 3London/UK, 4Birmingham/UK

Education Sub-Committee
Mon, March 18, 2013
Roof Top Restaurant: 07:30 - 08:30

Medtronic SCTS Wet Lab
Mon, March 18, 2013
Meeting Room 5: 09:00 - 18:00
Concomitant Therapies (Mitral/Tricuspid Valves/ AF Ablation)
F. Casselman, Aalst/BE

3f Enable – A Hands-on Session
O. Dapunt, Oldenburg/DE

Sorin SCTS Wet Lab
Mon, March 18, 2013
Meeting Room 6: 09:00 - 18:00
• An Interactive Perceval S Hands-on Workshop

J & J Medical SCTS Workshop
Mon, March 18, 2013
Meeting Room 8: 09:00 - 18:00
• The Role of Advanced Energy in Cardiothoracic Surgery
• Haemostats using the Right Product at the Right Time
• Sternal Closure: Low, Mid and High Risk Patients
• Endoscopic Stimulators
• Endoscopic Stapling Stations
• The Role of Needle Technology in Cardiac Anastomoses
UK TAVI Study Group
Mon, March 18, 2013
Syndicate 1&2: 12:30 - 13:30
A Review of the UK TAVI Trial by Institution Collaborators

Scott Prenn Meeting
Mon, March 18, 2013
Roof Top Restaurant: 12:40 - 13:30
Moderation: J. Roxburgh¹, M. Dalrymple-Hay², S. Dunn, F. Scott Prenn; ¹London/UK, ²Plymouth/UK

Annual Business Meeting
Mon, March 18, 2013
Auditorium: 16:45 - 18:30
Moderation: J. Roxburgh¹, S. Kendall², T. Graham³, G. Cooper⁴
¹London/UK, ²Middlesbrough/UK, ³Birmingham/UK, ⁴Sheffield/UK

Education Secretary Interviews
Tue, March 19, 2013
Meeting Room 15: 07:30 - 09:00
Moderation: J. Roxburgh¹, S. Kendall², T. Graham³, C. Bannister⁴
¹London/UK, ²Middlesbrough/UK, ³Birmingham/UK, ⁴Southampton/UK

Thoracic Sub-Committee
Tue, March 19, 2013
Meeting Room 15: 10:00 - 11:15
Moderation: D. Waller¹, S. Kendall¹, R. Page³, J. Duffy⁴,
J. Edwards⁵, K. McManus⁶
¹Leicester/UK, ²Middlesbrough/UK, ³Liverpool/UK, ⁴Nottingham/UK,
⁵Sheffield/UK, ⁶Belfast/UK

Students Poster Prize Presentations
Tue, March 19, 2013
Meeting Room 3: 12:30 - 13:45
The Patrick Magee Medal Presentations 2013
Moderation: D. McCormack; London/UK

Exhibitor’s Meeting
Tue, March 19, 2013
Meeting Room 15: 13:30-14:30
Moderation: I. Wilson¹, J. Hyde², T. Mitchell³
¹Birmingham/UK, ²Brighton/UK, ³London/UK
Board of Representatives

Tue, March 19, 2013
Syndicate 1 & 2: 16:15 - 18:00

Moderation: J. Roxburgh¹, S. Kendall², T. Graham¹, G. Cooper³
¹London/UK, ²Middlesbrough/UK, ³Birmingham/UK, ⁴Sheffield/UK

16:15 - 16:30
Financing and Investment of the SCTS: The Future Direction
J. Roxburgh, London/UK

16:30 - 16:45
Feedback on Performance Monitoring / Public Portal
B. Bridgewater¹, J. Roxburgh²
¹Manchester/UK, ²London/UK

16:45 - 17:00
Thoracic Sub-Committee: Training - Themed Thoracic Programmes
S. Kendall¹, D. Waller²
¹Middlesbrough/UK, ²Leicester/UK

17:00 - 17:15
Specialist Nurses / Surgical Care Practitioners: Assessment / Competencies / Indemnity
C. Bannister¹, T. Graham²
¹Southampton/UK, ²Birmingham/UK

17:15 - 17:30
Update from Congenital Sub-Committee
D. Barron¹, J. Roxburgh²
¹Birmingham/UK, ²London/UK

17:30 - 17:45
Update from Cardiac Sub-Committee
G. Venn¹, T. Graham²
¹London/UK, ²Birmingham/UK
SCTS University Educational Streams

- A Masterclass in Aortic Regurgitation Surgery
- Contemporary Coronary Artery Revascularisation: An Evolving Multidisciplinary Field
- A Masterclass in Atrial Switch Surgery
- Complex Congenital Outflow Reconstruction
- Heart Failure Surgery
- Mitral Valve Repair Surgery: Greater Understanding allows Prediction of Pitfalls
- Thoracic Trauma
- Thoracic Surgery - Pushing the Boundaries
- Debates and Controversies in Thoracic Surgery
- Minimally Invasive Thoracic Surgery

SCTS University Lunch Box Sessions

- Intraoperative Imaging In CABG Surgery: Important Adjuncts or Unnecessary Expense
- State of the Art Thoracic Aortic Aneurysm Surgery
- MitraClip - Its Role in Contemporary Clinical Practice
- Choosing the Optimal Valve Prosthesis
- Chest Wall Reconstruction
- Advances in Interventional Management of Emphysema
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AstraZeneca

Abbott Vascular

BRAUN
SHARING EXPERTISE

Berlin Heart*

Cardio Logic

CareFusion

CLS SURGICAL LIMITED

CryoLife
Life Restoring Technologies®
A Masterclass in Aortic Regurgitation Surgery
Sun, March 17, 2013
Syndicate 1 & 2: 09:00 - 10:20
The Incidence and Pathology of Aortic Valve Regurgitation
Moderation: J. Chambers¹, M. Redmond²
¹London/UK, ²Dublin/IE
09:00 - 09:05
Introduction
M. Redmond; Dublin/IE
09:05 - 09:20
UK database / Current Practice: Defining the Population
B. Bridgewater; Manchester/UK
09:20 - 09:40
Assessing the Aortic Regurgitant Valve
J. Vanoverschelde; Leuven/BE
09:40 - 10:00
Bicuspid Aortic Valve Disease: The Syndrome
J. Elefteriades; New Haven/US
10:00 - 10:20
Connective Tissue Disorders affecting the Aorta:
What a surgeon Needs to Know
T. David; Toronto/CA

A Masterclass in Aortic Regurgitation Surgery
Sun, March 17, 2013
Syndicate 1 & 2: 10:40 - 12:00
Considerations in Reconstructive Aortic Valve Surgery
Moderation: J. Pepper¹, M. Petrou²
¹London/UK, ²Oxford/UK
10:40 - 11:00
The Aortic Valve: Clinical Anatomy of the Functional Unit
M. Redmond; Dublin/IE
11:00 - 11:20
Preoperative Investigation and Assessment of the Pathology
G. El Khoury; Leuven/BE
11:20 - 11:40
The Timing of Intervention: Factors Influencing Need for Aortic Valve Intervention
A. Vahanian; Paris/FR
11:40 - 12:00
The Factors Determining Choice of Surgical Procedure
M. Redmond; Dublin/IE
A Masterclass in Aortic Regurgitation Surgery

Sun, March 17, 2013
Syndicate 1 & 2: 14:00 - 15:20

Aortic Leaflet Repair vs Aortic Valve Replacement
Moderation: E. Verrier¹, H. Takkenberg², M. Lewis³
¹Seattle/US, ²Rotterdam/NL, ³Brighton/UK

14:00 - 14:15
The Technical Aspects of Aortic Leaflet Repair
M. Redmond; Dublin/IE

14:15 - 14:35
Mini Aortic Valve Replacement: What Benefits are Offered?
M. Jahangiri; London/UK

14:35 - 14:50
Aortic Valve Replacement should be Reserved for a Minority of Patients with Aortic Valve Regurgitation
Pro
G. El Khoury; Brussels/BE

14:50 - 15:05
Aortic Valve Replacement should be Reserved for a Minority of Patients with Aortic Valve Regurgitation
Con
P. Kappetein; Rotterdam/NL

15:05 - 15:15
Discussion
Panel

A Masterclass in Aortic Regurgitation Surgery

Sun, March 17, 2013
Syndicate 1 & 2: 15:25 - 17:00

Valve Sparing Aortic Root Replacement
Moderation: T. David¹, J. Elefteriades², M. Redmond³, M. Underwood⁴, J. Pepper⁵
¹Toronto/CA, ²New Haven/US, ³Dublin/IE, ⁴Hong Kong/HK, ⁵London/UK

15:25 - 15:55
The Technical Aspects of Valve Sparing Aortic Root Surgery
T. David; Toronto/CA

15:55 - 16:25
Wet Lab Demonstration of the Management Options
Faculty

16:25 - 16:55
What to do with Residual AR: Echocardiographic Evaluation Post Aortic Valve Repair / The Durability of Aortic Valve Leaflet and Aortic Root Repair
J. Vanoverschelde; Leuven/BE

16:55 - 17:00
Discussion
Panel
Contemporary Coronary Artery Revascularisation: An Evolving Multidisciplinary Field

Sun, March 17, 2013
Auditorium: 09:00 - 10:15

Guidelines in Coronary Artery Revascularisation
Moderation: D. Jenkins¹, S. Kendall², D. Hildick-Smith³, M. Norell⁴
¹Cambridge/UK, ²Middlesbrough/UK, ³Brighton/UK,
⁴Wolverhampton/UK

09:00 - 09:15
Should Guidelines be Mandatory? A View from NICE
Sir Michael Rawlins; Chairman of NICE, London/UK

09:15 - 09:30
Should Guidelines be Mandatory? A View from the Commissioners
K. Caston; Head of Specialised Commissioning, London/UK

09:30 - 09:35
Discussion
Panel

09:35 - 09:55
ESC / EACTS Guidelines in Coronary Artery Revascularisation 2010 Implementation in to Clinical Practice
P. Kolh; Liege/BE

09:55 - 10:05
ESC / EACTS Guidelines in Coronary Artery Revascularisation: A View from the Coal Face Through the Eyes of a Expert Witness
D. Taggart; Oxford/UK

10:05 - 10:15
Discussion
Panel

Contemporary Coronary Artery Revascularisation: An Evolving Multidisciplinary Field

Sun, March 17, 2013
Auditorium: 10:20 - 12:00

The Heart Team: A Fundamental Component of the Decision Making Process
Moderation: L. Hamilton¹, J. Roxburgh²
¹Newcastle/UK, ²London/UK

10:20 - 10:35
Who Comprises a Contemporary Heart Team in the UK?
M. Bhabra; Wolverhampton/UK

10:35 - 10:45
Who Comprises a Contemporary Heart Team in the USA?
E. Verrier; Seattle/US
10:45 - 11:05
What Information needs to come to the Multidisciplinary Team Meeting?
P. Kolh; Liege/BE

11:05 - 11:25
How does the MDT Decision get enacted?
H. Luckraz; Wolverhampton/UK

11:25 - 11:40
How is Patient Choice Best Delivered in Positions of Equipoise? A View Through Surgical Eyes
D. Taggart; Oxford/UK

11:40 - 11:55
How is Patient Choice Best Delivered in Positions of Equipoise? A View Through Cardiology Eyes
M. Norell; Wolverhampton/UK

11:55 - 12:00
Discussion
Panel

Contemporary Coronary Artery Revascularisation: An Evolving Multidisciplinary Field

Sun, March 17, 2013
Auditorium: 14:00 - 15:15

Results of Surgical Coronary Artery Revascularisation
Moderation: A. Ritchie¹, A. Shipolini²
¹Basildon/UK, ²London/UK

14:00 - 14:20
UK Database Analysis:
Operative and Longitudinal Survival
OPCAB vs Conventional Revascularisation
LIMA Usage vs BIMA Usage
Reported Stroke Rates
B. Bridgewater; Manchester/UK

14:20 - 14:40
Syntax Update
D. Taggart; Oxford/UK

14:40 - 15:00
How Does the Freedom Study Influence the debate?
D. Hildick-Smith; Brighton/UK

15:00 - 15:15
The Timing of Stroke Risk following CABG and PCI
N. Howell; Birmingham/UK
Contemporary Coronary Artery Revascularisation: An Evolving Multidisciplinary Field

Sun, March 17, 2013
Auditorium: 15:25 - 17:00

Antiplatelet Therapy following Coronary Artery Revascularisation & Breaking News

Moderation: D. Taggart¹, G. Murphy²
¹Oxford/UK, ²Leicester/UK

15:25 - 15:40
Advances in Antiplatelet Therapy
N. Khan; Wolverhampton/UK

15:40 - 16:00
The Use of Antiplatelet Therapy following PCI
D. Hildick-Smith; Brighton/UK

16:00 - 16:10
The Use of Antiplatelet Therapy following CABG
N. Roberts; London/UK

16:00 - 16:30
How should recent Studies Influence Prescribing Habits?
The PLATO Study
C. MacDonald; AstraZeneca/UK

16:30 - 16:40
Discussion
Panel

16:40 - 16:50
Breaking News in Surgical Coronary Artery Revascularisation
ERICCA - The Background and a Trial Update
D. Hausenloy; London/UK

16:50 - 17:00
Breaking News in Surgical Coronary Artery Revascularisation
Vein Graft Stents
D. Taggart; Oxford/UK
A Masterclass in Atrial Switch Surgery

Sun, March 17, 2013
Meeting Room 3: 09:00 - 12:00

A series of lectures and moderated Wet Lab work

Moderation: A. Parry¹, D. Barron²
¹Bristol/UK, ²Birmingham/UK

09:00 - 09:20
The History of Atrial Switch Surgery
A. Parry; Bristol/UK

09:20 - 09:40
The Surgical Technique of Atrial Switch
D. Barron; Birmingham/UK

09:40 - 10:00
Wet Lab Session: Atrial Switch Surgery
Faculty

Complex Congenital Outflow Reconstruction

Sun, March 17, 2013
Meeting Room 3: 14:00 - 17:00

Moderation: N. Weerasena¹, A. Parry²
¹Leeds/UK, ²Bristol/UK

14:00 - 14:45
Pulmonary Root Translocation: Tricks and Pitfalls.
J.P. da Silva; Sao Paulo/BR

14:45 - 15:05
Discussion
Panel

15:05 - 15:50
Complex Left Ventricular Obstruction: Surgical Options
D. Anderson; London/UK

15:50 - 16:10
Discussion
Panel

16:10 - 17:00
Wet Lab Demonstration
Faculty
Heart Failure Surgery
Sun, March 17, 2013
Meeting Room 10: 09:00 - 10:20

Heart Failure: Conventional and Unconventional Therapies
Moderation: S. Clark¹, J. Dunning²
¹Newcastle/UK, ²Cambridge/UK

09:00 - 09:15
Metabolism of the Failing Heart and Metabolic Therapies in Cardiac Surgery
N. Howell; Birmingham/UK

09:15 - 09:30
Optimal Investigation and Medical Management of the Patient with Heart Failure
G. MacGowan; Newcastle/UK

09:30 - 09:45
Mitral Valve Surgery in the Failing Heart
J. Dark; Newcastle/UK

09:45 - 10:05
LV Remodelling Surgery: Is STICH the end?
E. Verrier; Seattle/US

10:05 - 10:20
Using the Endogenous, Resident Cardiac Stem-Progenitor Cells to Repair and Regenerate the Broken Heart
G. Ellison; London/UK

10:20 - 10:20
Discussion
Panel

Heart Failure Surgery
Sun, March 17, 2013
Meeting Room 10: 10:40 - 12:00

Heart Transplantation
Moderation: J. Dark¹, A. Simon²
¹Newcastle/UK, ²London/UK

10:40 - 10:50
Guidelines for Referral for Heart Transplantation
J. Parameshwar; Cambridge/UK

10:50 - 11:00
Optimising the DBD Donor
R. Venkateswaran; Manchester/UK

11:00 - 11:20
Ex-Vivo Cardiac Perfusion: Research or Reality
D. Talbot; Newcastle/UK

11:20 - 11:30
Challenging Transplant Recipients: GUCH Patients
M. Burch; London/UK

11:30 - 11:40
Challenging Transplant Recipients: VAD Patients
G. MacGowan; Newcastle/UK
11:40 - 11:55
Heart Transplantation in the UK in 2013
J. Dark; Newcastle/UK

11:55 - 12:00
Discussion
Panel

Heart Failure Surgery
Sun, March 17, 2013
Meeting Room 10: 14:00 - 15:25

Mechanical Circulatory Support
Moderation: M. Strueber¹, S. Clark², D. Jenkins³
¹Leipzig/DE, ²Newcastle/UK, ³Cambridge/UK
14:00 - 14:10
Provision of Short-term MCS in the UK
S. Westaby; Oxford/UK
14:10 - 14:15
Discussion
Panel

14:15 - 14:35
How to do it: Pre, Peri and Postoperative Management of the VAD Patient
A Zuckermann; Vienna/AT
14:35 - 14:40
Discussion
Panel

14:40 - 14:55
Outcomes of Bridging to Heart Transplantation
A. Simon; London/UK
14:55 - 15:15
Destination Therapy for the UK: Is now the Time?
S. Schueler; Newcastle/UK
15:15 - 15:25
Discussion
Panel

Working Coffee

Heart Failure Surgery
Sun, March 17, 2013
Meeting Room 10: 15:30 - 17:00

Mechanical Circulatory Support
Moderation: A. Simon¹, J. Dark²
¹London/UK, ²Newcastle/UK
15:30 - 15:50
BiVentricular Support: The Present and the Future
M. Strueber; Leipzig/DE
15:50-16:00
The Future of VAD Therapy: HeartWare
John Begg
Senior Clinical Development Specialist
16:00-16:10
The Future of VAD Therapy: Thoratec
Jobst Treiber
Managing Director for EMA

16:10-16:20
The Future of VAD Therapy: Berlin Heart
Ulrich T. Opfermann
Manager Clinical Affairs

16:20 - 16:35
Cardiac Transplantation Remains the Gold Standard for Treatment of Advanced Heart Failure in the UK
J. Dunning; Cambridge/UK

16:35 - 16:50
VAD Therapy is the New Gold Standard for Management of Advance Heart Failure in the UK
S. Schueler; Newcastle/UK

16:50 - 17:00
Discussion
Panel
**Mitral Valve Repair Surgery - Greater Understanding allows Prediction of Pitfalls**

**Sun, March 17, 2013**
The David Geldard Meeting Room 1: 09:00 - 10:20

**The Building Blocks of Mitral Valve Surgery**
*Moderation: P. Punjabi*, *C. Munsch*

09:00 - 09:20
The Optimal Timing of Mitral Valve Repair
A. Vahanian; Paris/FR

09:20 - 09:40
The Mitral Valve as a Functional Unit
F. Wells; Cambridge/UK

09:40 - 10:00
The Underlying Principles of Mitral Valve Repair
O. Alfieri; Milan/IT

**Sun, March 17, 2013**
The David Geldard Meeting Room 1: 10:20 - 12:00

**Identification and Management of Peroperative Pitfalls**
*Moderation: S. Livesey*, *F. Wells*, *O. Alfieri*, *C. Munsch*

10:20 - 10:40
Echocardiographic Interrogation of the Mitral Valve: Identification of Pre-procedural Predictors of Operative Complications
J. Vanoverschelde; Leuven/BE

10:40 - 10:55
Surgical Management plans to Obviate Post-operative Risks: Techniques to Reduce Risk of SAM
F. Wells; Cambridge/UK

10:55 - 11:10
Surgical Management plans to Obviate Post-operative Risks: Reconstruction of the AV Continuity after Extensive Decalcification of the Posterior Mitral Valve Annulus
T. David; Toronto/CA

11:10 - 11:20
Post Repair Mitral Valve Interrogation: Residual Mitral Valve Regurgitation - How much is too much?
J. Vanoverschelde; Leuven/BE

11:20 - 11:30
Post Repair Mitral Valve Interrogation: New Regional Wall Motion Abnormalities - Imaging of the Circumflex Coronary Artery
S. Price; London/UK

11:30 - 11:40
Post Repair Mitral Valve Interrogation: New Aortic Valve Regurgitation
T. Oelofse; Birmingham/UK
11:40 - 11:50
Post Repair Mitral Valve Interrogation: SAM
S. Price; London/UK

Surgical Panel to Respond to Each Scenario:
What I would do
Panel

Mitral Valve Repair Surgery - Greater Understanding allows Prediction of Pitfalls
Sun, March 17, 2013
The David Geldard Meeting Room 1: 14:00 - 15:25

Failure of Mitral Valve Repair
Moderation: P. Punjabi¹, F. Wells²
¹London/UK, ²Cambridge/UK

14:00 - 14:20
Current UK Mitral Valve Practice. Long-term Results of Mitral Valve Repair: Clinical Experience / Volume
B. Bridgewater; Manchester/UK

14:20 - 14:45
Preoperative Factors Influencing Risk of Valve Repair Failure: Cardiac MRI Findings Echocardiographic Findings
J. Vanoverschelde; Leuven/BE

14:45 - 15:10
Surgical Factors Determining the Durability of Mitral Valve Repair?
O. Alfieri; Milan/IT

15:10 - 15:25
Summary Discussion
Quality Control: Post-Procedural Echocardiographic Appearances that Influence Outcome
F. Wells; Cambridge/UK

Mitral Valve Repair Surgery - Greater Understanding allows Prediction of Pitfalls
Sun, March 17, 2013
The David Geldard Meeting Room 1: 15:45 - 17:00

Surgical Management of Mitral Valve Repair Failure
Moderation: C. Munsch¹, S. Livesey², E. Verrier³
¹Leeds/UK, ²Southampton/UK, ³Seattle/US

15:45 - 16:10
Surgical Options when Mitral Valve Repair Alone is Not Enough?
Left Ventricular Size / Left Ventricular Sphericity
P. Punjabi; London/UK

16:10 - 16:35
When is Mitral Valve Repair Futile?
F. Wells; Cambridge/UK

16:35 - 17:00
Re-operations and Re-Repair: Tip and Tricks
R. Patel; Coventry/UK
Thoracic Trauma
Sun, March 17, 2013
Syndicate 3 & 4: 09:00 - 12:00

A International Contemporary Review of Military and Civilian Trauma
1Birmingham/UK, 2Leicester/UK
09:00 - 09:20
Pre Hospital Care
R. Steyn; Birmingham/UK
09:20 - 09:45
Military Trauma: End-to-end Care
M. Midwinter, T. Graham; Birmingham/UK
09:45 - 10:00
Civilian Trauma: A European Perspective
P. Moreno de la Santa Barajas; Vigo/ES
10:00 - 10:30
Civilian Trauma: An American Perspective
J. O’Connor; Baltimore/US
10:30 - 10:45
Military Trauma meets Civilian Trauma
J. McGuigan; Belfast/UK
10:45 - 11:00
Discussion
Panel
11:00 - 11:15
Coffee
11:15 - 12:00
Cardiothoracic Trauma: The Good, the Bad, and the Ugly
Interactive Case Discussions
S. Rathinam’, R. Steyn’, T. Graham’
1Leicester/UK, 2Birmingham/UK
Thoracic Surgery - Pushing the Boundaries

Sun, March 17, 2013
Meeting Room 9: 09:00 - 12:00

Analysis of the Management Options for Complex Thoracic Surgery Patients
Moderation: A. Martin-Ucar¹, S. Jordan²
¹Nottingham/UK, ²London/UK

09:00 - 09:30
Sternal Resection and Reconstruction: A Team Approach
G. Massard¹, S. James²
¹ Strasbourg/FR, ²London/UK

09:30 - 09:45
Discussion
Panel

09:45-10:15
Resection of the Carina
P. Dartevelle; Le Plessis Robinson/FR

10:15-10:30
Coffee

10:30-11:00
VATS Excision of Cervical Rib: Back to the Thoracic Surgeons?
M. Congregado; Seville/ES

11:00-11:15
Discussion
Panel

11:15 - 11:45
Surgery for Pulmonary Aspergillosis: Tricks of the Trade
G. Massard; Strasbourg/FR

11:45 - 12:00
Discussion
Panel
Debates and Controversies in Thoracic Surgery
Sun, March 17, 2013
Meeting Room 9: 14:00 - 15:20

Debate of Contentious Issues in Thoracic Surgery
Moderation: M. Shackcloth¹, T. Routledge²
¹Liverpool/UK, ²London/UK

14:00 - 14:40
DEBATE: Surgery and Adjuvant Chemotherapy is the Treatment of Choice for Single Station N2 Disease
E. Lim¹, J. Maguire²
¹London/UK, ²Liverpool/UK

14:40 - 15:20
DEBATE: Sublobar Resection vs Stereotactic Radiotherapy for Stage 1 Lung Cancer in Patients with Poor Lung Function
S. Ahmad¹, S. Barnard²
¹London/UK, ²Newcastle/UK

Debates and Controversies in Thoracic Surgery
Sun, March 17, 2013
Meeting Room 9: 15:40 - 17:00

Debate of Contentious Issues in Thoracic Surgery
Moderation: M. Shackcloth¹, T. Routledge²
¹Liverpool/UK, ²London/UK

15:40 - 16:20
Should Pulmonary Metastasectomy for Colorectal Metastases be Performed Outside a Clinical Trial?
N. Chaudhuri¹, J. Edwards²
¹Leeds/UK, ²Sheffield/UK

16:20 - 17:00
Should Patients with Suspected Lung Cancer be Referred Straight to Thoracic Surgeons?
P. Walker¹, A. Martin-Ucar²
¹Liverpool/UK, ²Nottingham/UK
Analysis of National and International VATS Lobectomy Practice

Moderation: D. West\textsuperscript{1}, I. Hunt\textsuperscript{2}
\textsuperscript{1}Bristol/UK, \textsuperscript{2}London/UK

14:00 - 14:40
Reflections on the first 20 years of VATS Lobectomy
W. Walker; Edinburgh/UK

14:40 - 15:20
The Copenhagen experience; Organisation and Development of a large VATS Lobectomy programme
R. Petersen; Copenhagen/DK

Minimally Invasive Thoracic Surgery

Sun, March 17, 2013
Syndicate 3 & 4: 15:20 - 17:00

How to Establish a VATS Lobectomy Programme and How to Continue to Develop

Moderation: D. West\textsuperscript{1}, I. Hunt\textsuperscript{2}
\textsuperscript{1}Bristol/UK, \textsuperscript{2}London/UK

15:20 - 15:30
Quick fire talks: “How to grow your VATS Lobectomy programme”
S. Stamenkovic; Newcastle/UK

15:30 - 15:35
Discussion

15:35 - 15:45
Quick fire talks: “How to grow your VATS Lobectomy programme”
G. Casali; Bristol/UK

15:45 - 15:50
Discussion

15:50 - 16:00
Quick fire talks: “How to grow your VATS Lobectomy programme”
J. Dunning; Middlesbrough/UK

16:00 - 16:15
Discussion

16:15 - 16:45
Uniport VATS Lobectomy
D. Gonzalez Rivas; Coruña/ES

16:45 - 17:00
Round up and Session End
D. West\textsuperscript{1}, I. Hunt\textsuperscript{2}
\textsuperscript{1}Bristol/UK, \textsuperscript{2}London/UK
Intraoperative Imaging In CABG Surgery: Important Adjuncts or Unnecessary Expense

Sun, March 17, 2013
Syndicate 1 & 2: 12:15 - 13:45

**Moderation:** A. Ritchie\(^1\), J. Dunning\(^2\), F. De Robertis\(^3\)
\(^1\)Basildon/UK, \(^2\)Middlesbrough/UK, \(^3\)London/UK

12:15 - 12:27
The Role of Graft Evaluation Quality Assurance in CABG Surgery
D. Taggart; Oxford/UK

12:27 - 12:39
Anastomotic Probing Allows Adequate Evaluation of Graft Patency
S. Westaby; Oxford/UK

12:39 - 12:51
Evaluation of Graft Patency: Understanding the Results and When to Re-graft
R. Haaverstad; Bergen/NO

12:51 - 12:56
Discussion
Panel

12:56 - 13:08
Recognising Potential Intraoperative Pitfalls: Epiaortic Interrogation of the Ascending Aorta during CABG Surgery
R. Haaverstad; Bergen/NO

13:08 - 13:20
Intraoperative Palpation of the Aorta Yields Adequate Information
S. Westaby; Oxford/UK

13:20 - 13:32
Ascending Aortic Atheroma at CABG Surgery: How Aggressive Should Surgical Strategies be?
J. Kuo; Plymouth/UK

13:32 - 13:45
Discussion
Panel
SCTS Lunch Box Sessions

State of the Art Thoracic Aortic Aneurysm Surgery

Sun, March 17, 2013
The David Geldard Meeting Room 1: 12:15 - 13:45

Moderation: G. Cooper¹, J. Mascaro², L. Hadjinikolaou³
¹Sheffield/UK, ²Birmingham/UK, ³Leicester/UK

12:15 - 12:40
Aortic Aneurysm Surgery: The Spectrum
J. Elefteriades; New Haven/US

12:40 - 13:05
The Science Behind Prediction of Aneurysm Rupture
R. Attia; London/UK

13:05 - 13:30
Hybrid Techniques for the Management of Aortic Aneurysms
R. Di Bartolomeo; Bologna/IT

13:30 - 13:45
Discussion

MitraClip - Its Role in Contemporary Clinical Practice

Sun, March 17, 2013
Meeting Room 10: 12:15 - 13:45

Moderation: S. Livesey¹, E. Verrier², J. Chambers³
¹Southampton/UK, ²Seattle/US, ³London/UK

12:15 - 12:40
Patient Selection
A. Vahanian; Paris/FR

12:40 - 13:05
The International Clinical Experience
O. Alfieri; Milan/IT

13:05 - 13:20
What is the Best Use of Resource in High Risk Mitral Valve Surgery? An Argument for the Knife
J. Dark; Newcastle/UK

13:20 - 13:35
What is the Best Use of Resource in High Risk Mitral Valve Surgery? An Argument for the Catheter
O. Alfieri; Milan/IT

13:35 - 13:45
Discussion
SCTS Lunch Box Sessions

Choosing the Optimal Valve Prosthesis

Sun, March 17, 2013
Auditorium: 12:15 - 13:45

Moderation: L. Hamilton, R. Sayeed
1Newcastle/UK, 2Oxford/UK

12:15 - 12:40
The Shifting Sands of Aortic Valve Prosthesis Choice
T. David; Toronto/CA

12:40 - 13:05
Prediction of Outcome after Aortic Valve Replacement
H. Takkenberg; Rotterdam/NL

13:05 - 13:30
Does Valve Size Influence Choice of Prosthesis?
M. Jahangiri; London/UK

13:30 - 13:45
Discussion

Chest Wall Reconstruction

Sun, March 17, 2013
Syndicate 3 & 4: 12:15 - 13:45

Moderation: M. Kalkat, S. Rathinam
1Birmingham/UK, 2Leicester/UK

12:15 - 12:20
Welcome and Introduction
S. Rathinam, M. Kalkat
1Leicester/UK, 2Birmingham/UK

12:20 - 12:40
Surgical Management of Pectus Excavatum including MIRPE
H.K. Pilegaard; Aarhus/DK

12:40 - 13:00
Minimally Invasive Repair of Pectus Carinatum
M. Yuksel; Istanbul/TR

13:00 - 13:05
Discussion

13:05 - 13:25
Resection of Chest Wall Tumours
J. M. Wihlm; Strasbourg/FR

13:25 - 13:45
Resection and Reconstruction of Pancoast’s Tumours
P. Dartevelle; Le Plessis Robinson/FR
SCTS Lunch Box Sessions

Advances in Interventional Management of Emphysema

Sun, March 17, 2013
Meeting Room 9: 12:15 - 13:45

Lunch Box Sponsored by PulmonX
Moderation: E. Belcher¹, S. Barnard²
¹Oxford/UK, ²Newcastle/UK

12:15 - 12:35
Interventional Strategies for Emphysema: LVRS, Endobronchial valves and other Emerging Technologies
D. Slebos; Groningen/NL

12:35 - 12:55
Patient Selection and Treatment Algorithms
A. Valipour; Vienna/AT

12:55 - 13:05
The Groningen Experience
D. Slebos; Groningen/NL

13:05 - 13:15
Patient Case Studies
M. Kornaszewska; Cardiff/UK
ACSA/Cardiothoracic Forum Symposium
Mon, March 18, 2013
The David Geldard Meeting Room 1: 08:00 - 08:50

Moderation: I. Mitchell, A. Marshall, S. Clark
1Nottingham/UK, 2Liverpool/UK, 3Newcastle/UK

08:00 - 08:10
220 - Thermo-reactive Clips do not Prevent Deep Sternal Wound Infection in Obese Patients after Cardiac Surgery

08:10 - 08:20
221 - Prevention of Post-sternotomy Wound Infections in Obese Patients by Negative Pressure Wound Therapy

08:20 - 08:30
222 - The First UK Experience with Posthorax® Vest - Prophylactic use: Results in Reduced Sternal Wound Complications Following Sternotomy
N. Nikolaidis, I. Manoly, M. Kaarne, G. Tsangi, S. Ohri, S. Livesey, C. Barlow; 1Southampton/UK, 2Manchester/UK

08:30 - 08:40
223 - ANTICS (ANTibiotic Implant in Cardiac Surgery): A Pilot Randomised Controlled Trial of a Gentamicin Implant to Reduce Sternal Wound Infection
S. Creanor, A. Barton, J. Alderton, C. Pritchard, A. Marchbank, V. Avlonitis; 1Plymouth/UK, 2Truro/UK

08:40 - 08:50
224 - Post-operative Wound Infection following Cardiac Surgery: Incidence, Predictors, and Impact on Hospital Resources
S.I. Rizvi, L. Mace, C. Farinas, D. Garcia, R. Ascione; Bristol/UK

Opening Plenary Session
Mon, March 18, 2013
Auditorium: 08:50 - 10:15

Highest Scoring Abstract Submissions and Ethicon Scholarship Reports

1London/UK, 2Southampton/UK, 3Liverpool/UK, 4Manchester/UK

08:50 - 08:55
1 - Introduction
J. Roxburgh; London/UK

08:55 - 09:05
2 - The Use of a Formalised Training Programme for Endoscopic Vein Harvesting results in Better Conduit Quality Compared to Standard Training Techniques: Findings of a Multicentre UK Study
B. Krishnamoorthy, W. Critchley, P. Bhinda, J. Crockett, A. John, P. Waterworth, J. Fildes, N. Yonan; 1Manchester/UK, 2Plymouth/UK, 3Southampton/UK, 4Cardiff/UK
3 - Is there any benefit in Lung Sparing Macroscopic Complete Resection over Video Assisted Debulking in Malignant Pleural Mesothelioma?
T. Tsitsias, A. Nakas, D. Waller; Leicester/UK

4 - Non-Medical Prescribing within the Cardiothoracic Ward Setting - Is it Safe for Patient Care?
D. Southey, N. Khan, S. Sherwood, H. Luckraz; Wolverhampton/UK

5 - Impact of Surgical Attendance on Referral for Thoracic Surgery
C. Bogdan', T. Minhas', J. Tuggey', M. Crawford', R. Milton';
'Leeds/UK 'Airedale/UK

6 - Major and Unexplained Geographical Variations in Elective Coronary Revascularisation in England
S. Baig, D. Taggart; Oxford/UK

7 - SCTS University Ethicon Scholarships
J. Pepper; London/UK

8 - Ethicon Scholarship Report
D. Harrington; Liverpool/UK

9 - Ethicon Scholarship Report
I. Ahmed; Leeds/UK

10 - Ethicon Scholarship Report
Valve Repair Fellowship - Saint Luc University Hospital, Brussels
H. Vohra; London/UK

UK Cardiac Surgical Activity
Mon, March 18, 2013
Auditorium: 10:55 - 12:35

Moderation: J. Roxburgh', B. Bridgewater', S. Kendall'
'London/UK, 'Manchester/UK, 'Middlesbrough/UK

10:55 - 11:15
25 - Clinical Outcomes Publication: The Wider Context
J. Roxburgh; London/UK

11:15 - 11:35
26 - Current Initiatives
B. Bridgewater; Manchester/UK

11:35 - 11:45
28 - Monitoring performance of cardiac surgery: the SCTS governance programme
G. Hickey', R. Cosgriff', B. Bridgewater'; 'Manchester/UK 'London/UK
11:45 - 12:05
29 - Research from UK Cardiac Surgical Database

12:05 - 12:15
30 - Dynamical Clinical Prediction Models for Cardiac Surgery
G. Hickey¹, S. Grant¹, C. Caiado², S. Kendall³, J. Dunning⁴, M. Poullis⁵, I. Buchan¹, B. Bridgewater⁴; ¹Manchester/UK ²Durham/UK ³Middlesbrough/UK ⁴Cambridge/UK ⁵Liverpool/UK

12:15 - 12:30
31 - Proposed Work Plan 2013/2014
B. Bridgewater; Manchester/UK

12:30 - 12:35
Discussion
Panel

Repeat Cardiac Surgery - Early and Late

Mon, March 18, 2013
Syndicate 1 & 2: 10:55 - 12:00
Moderation: E. Brackenbury¹, P. O’Keefe², J. Pepper³
¹Edinburgh/UK, ²Cardiff/UK, ³London/UK

10:55 - 11:05
32 - Early Angiography for Management of Peri-operative Myocardial Ischaemia: An Important Tool or an Overkill?
P. Narayan, M. Bandopadhyay, M. Das, D. Das, A. Saha, K. Sarkar; Kolkata/IN

11:05- 11:15
33 - Emergency Intensive Care versus Theatre Re-explorations After Cardiac Surgery
S. Jeffrey, A. Al-Adhami, Z. Mahmood, G. Berg; Glasgow/UK

11:15 - 11:25
34 - Incidence and Outcome of Re-entry Injury in redo Cardiac Surgery
U. Imran Hamid, S. Leung, L. Soo, A. Graham; Belfast/UK

11:25-11:35
35 - The Outcome of Beating Heart Aortic Valve Replacement in Patients with Patent Grafts
K. Shaikhrezai, K. Chrysostomou, A. Ferrara, C. Campanella, R. Pessotto; Edinburgh/UK

11:35 - 12:00
36 - Tips and Tricks in Redo Cardiac Surgery
T. David; Toronto/CA
Valve Guidelines in Clinical Practice

Mon, March 18, 2013
Auditorium: 13:30 - 16:00

Edwards Sponsored Session
Moderation: J. Chambers¹, C. Blauth¹, M. Dalrymple-Hay², S. Livesey³
¹London/UK, ²Plymouth/UK, ³Southampton/UK

13:30 - 13:40
37 - An Audit of the Impact of NICE Guidelines on Endocarditis in a UK Cardiothoracic Surgical Unit
D. Aktuerk¹, S. Jaspal², M. Jaspal³, M. Bhabra, H. Luckraz²
¹Coventry/UK, ²Wolverhampton/UK, ³Walsall/UK

13:40 - 13:55
40 - ESC/EACTS Guidelines: An Overview
A. Vahanian; Paris/FR

13:55 - 14:05
41 - ESC/EACTS Guidelines: Asymptomatic Aortic Valve Stenosis
P. Kappetein; Rotterdam/NL

14:05 - 14:20
42 - ESC/EACTS Guidelines: Choice of Prosthetic Valve
H. Takkenberg; Rotterdam/NL

14:20 - 14:30
43 - ESC/EACTS Guidelines: Asymptomatic Aortic Valve Regurgitation
A. Vahanian; Paris/FR

14:30 - 14:40
44 - An American Perspective on Surgical Indications for Aortic Valve Regurgitation
T. David; Toronto/CA

14:40 - 14:55
45 - TAVI Surgery
P. Kappetein; Rotterdam/NL

14:55 - 15:10
46 - ESC/EACTS Guidelines: Asymptomatic Mitral Valve Regurgitation
O. Alfieri; Milan/IT

15:10 - 15:20
38 - Six year Outcome after Tricuspid Valve Repair using various techniques
M. Abdelaziz¹, J. Jayatheesan¹, S. Mohamed¹, U. Dandekar², R. Patel¹, S. Bhudia¹; ¹Coventry/UK

15:20 - 15:30
39 - The Natural History of Functional Tricuspid Regurgitation when left Unrepaired During Mitral Valve Surgery
S. Bello¹, E. Godfrey¹, B. Rana¹, F. Wells¹, S. Nair¹; ¹Plymouth/UK
²Cambridge/UK

15:30 - 15:45
47 - ESC/EACTS Guidelines: Tricuspid Valve Regurgitation
O. Alfieri; Milan/IT
Fixing Hearts & Protecting Minds

Mon, March 18, 2013
Syndicate 1 & 2: 14:30 - 16:00

Moderation: A.M. Hogan¹, A. Shipolini¹, D. Taggart²
¹London/UK, ²Oxford/UK

14:30 - 14:40
48 - Discussion
International Panel

14:40 - 15:00
Mechanisms of Potential Brain Insult in Cardiac Surgery
P. Alston; Edinburgh/UK

15:00 - 15:20
Neurological and Cognitive Change in Cardiac Surgery: Meta-Analysis of the Evidence
F. Cormack; Cambridge/UK

15:20 - 15:40
Incidence and Nature of Mood Disorders in Patients Undergoing Cardiac Surgery: Effect on Quality of Outcome
A. Karl; Exeter/UK

15:40 - 16:00
Mechanisms of Heart-Brain Interactions in Cognition and Emotion: Implications for the Patient Undergoing Cardiac Surgery
H. Critchley; Brighton/UK

16:00
Discussion
Panel

Annual Business Meeting

Mon, March 18, 2013
Auditorium: 16:45 - 18:30

Moderation: J. Roxburgh¹, S. Kendall², T. Graham³ G.Cooper⁴
¹London/UK, ²Middlesbrough/UK, ³Birmingham/UK, ⁴Sheffield/UK

Clinical Perfusion

Mon, March 18, 2013
Meeting Room 9: 16:45 - 18:15

Moderation: D. Aitchison¹, G. Webb², M. Underwood³
¹Basildon/UK, ²Plymouth/UK, ³Hong Kong/HK

16:45 - 16:55
50 - The Use of Custodial Cardioplegia During Mitral Valve Surgery for Degenerative Disease is Associated with Myocardial Injury, Systemic Anaerobic Metabolism and Vasoplegia
R. Birla¹, A. Venturini², E. Polesel², D. Mangino³, G. Angelini¹, M.S. Suleiman¹, R. Ascione³; ¹Bristol/UK ²Venice/IT
16:55 - 17:05
49 - Myocardial Preservation is Enhanced by the Addition of Retrograde Cardioplegia in Patients Undergoing Elective Coronary Artery Bypass Graft Surgery
L. Candilio, A. Malik, C. Ariti, D. Lawrence, J. Yap, C. Di Salvo, S. Kolvekar, A. Sheikh, M. Hayward, D. Hausenloy, D. Yellon, N. Roberts; London/UK

17:05 - 17:15
51 - Mesenteric Ischaemia following Cardiac Surgery: The Influence of Intra-operative Perfusion Parameters
P. Sastry1, G. Hardman2, A. Page2, M. Goddard3, S. Large1, D. Jenkins1; 1Cambridge/UK 2Hull/UK

17:15 - 17:25
52 - Retrospective Analysis with Propensity Matching Comparing Minimal-Extracorporeal Circulation and Standard Cardiopulmonary Bypass for Elective Coronary Artery Bypass Graft
G. Hardman, A. Sharkey, N. Cartwright, M. Chaudhry, A. Cale; Hull/UK

17:25 - 17:35
53 - Is Minimized Cardiopulmonary Bypass Feasible and Safe in Major Aortic Surgery? A comparison with Conventional Cardiopulmonary Bypass
A. Momin1, E. Kidher1, A. Najefi1, M. Sharabiani1, J. Mulholland1, B. Reeves1, G. Angelini2, J. Anderson2; 1London/UK 2Bristol/UK

17:35 - 17:45
54 - Mini Extracorporeal Cardiopulmonary Bypass Offers Improved Early Metabolic Changes in Patients Undergoing CABG Compared to Conventional Bypass
M. Zakkar, C. Hamilton, S. Jones, A. Viviano, S. Phillips, M. Jahangiri; London/UK

17:45 - 18:05
55 - Minimising Bypass Circuits
C. Lloyd; Plymouth/UK

Cardiac Surgical Movies
Mon, March 18, 2013
Syndicate 1 & 2: 16:45 - 18:45
Moderation: H. Vohra1, T. David2, E. Verrier3, J. Elefteriades4
1London/UK, 2Toronto/CA, 3Seattle/US, 4New Haven/US

16:45 - 16:51
58 - Repair of Partial Anomalous Pulmonary Venous Connection with a Modified Double Decker Technique in Adult
M. Fujii1, M. Kambe1, M. Ochi1, K. Hinokiyama1; 1Tokyo/JP
2Fukuoka/JP

16:51 - 16:57
59 - To Evaluate Whether Implantation of Bioprosthetic Aortic Valve in Supra Annular Tilted Position Reduces the Risk of Patient Prosthesis Mismatch (PPM) in Selected Group of Patients
J. Lu, M. Shahjar, R. Basu, J. Campbell, S. Hammond-Pears, S. Naik; Nottingham/UK
16:57 - 17:03
**60 - The Technique of Sutureless Mini-AVR**
H. Vohra¹, V. Bapat², C. Young²; ¹Brussels/BE ²London/UK

17:03 - 17:09
**61 - Minimally Invasive Aortic Valve Replacement Through Right Anterior Minithoracotomy with Perceval S Sutureless Valve**
A. Miceli, M. Ferrarini, M. Murzi, P. Farneti, M. Solinas, M. Glauber; Massa/IT

17:09 - 17:15
**57 - Demonstration of a Venous External Support Device in Coronary Artery Bypass Grafting**
S. Rehman¹, E. Orion², D. Taggart¹; ¹Oxford/UK ²Tel Aviv/IL

17:15 - 17:21
**56 - Minimally Invasive Direct Coronary Artery Bypass Surgery: A Feasible Technique**
R. Birla¹, P. Patel¹, G. Aresu¹, E. Akowuah¹, G. Asimakopoulos¹; ¹Bristol/UK ²Middlesbrough/UK

17:21 - 17:27
**62 - Tricuspid Valve: No Need to Replace**
M. El Gabry; Duisburg/DE

17:27 - 17:33
**63 - Tricuspid Valve Bicuspidization**
M. Abdelaziz, S. Bhudia, R. Patel; Coventry/UK

17:33 - 17:39
**64 - Dynamic Mitral Valve Annuloplasty: A Novel Ring and the First UK Experience**
N. Nikolaidis, C. Bannister, S. Livesey; Southampton/UK

17:39 - 17:45
**65 - Alfieri at Crossroads**
A. Momin, M. Elshiekh, A. Macys, M. Sharabiani, P. Punjabi; London/UK

17:45 - 17:51
**66 - A New Insight on Barlow Mitral Valve Pathophysiology: The Concept of Anterior Leaflet Functional Prolapse and a Simpler Approach for Repair**
N. Nikolaidis, C. Bannister, S. Livesey; Southampton/UK

17:51 - 17:57
**67 - Direct Aortic TAVI with a Self-Expanding Device Through a Right Mini-Thoracotomy Without Rib Resection OR Rib Spreading/Retraction**

17:57 - 18:03
**68 - How to do a Trans-Aortic Transcatheter Valve Implantation?**
G. Soppa, M. Zakkar, S. Brecker, M. Jahangiri; London/UK

18:03 - 18:09
**69 - Handling of the Valsalva Prosthesis for the David Re-implantation Procedure**
H. Vohra, L. DeKerchove, D. Glineur, P. Noirhomme, G. El Khoury; Brussels/BE
18:09 - 18:15
70 - Valve-sparing Root Replacement in Acute Type A Dissection
H. Vohra, L. DeKerchove, D. Glineur, P. Noirhomme, G. El Khoury; Brussels/BE

18:15 - 18:21
71 - Valve Replacement after Valve Repair: Best of Two Worlds
A. Momin, A. Macys, M. Sharabiani, M. Elshiekh, P. Punjabi; London/UK

18:21 - 18:27
72 - Commissural Reconstruction with a Single-patch Technique
H. Vohra, L. DeKerchove, D. Glineur, P. Noirhomme, G. El Khoury; Brussels/BE
TAVI Surgery

Tue, March 19, 2013
Syndicate 1 & 2: 07:30 - 10:00

JenaValve Sponsored TAVI Session

Moderation: N. Moat1, U. Trivedi2, V. Bapat1
1London/UK, 2Brighton/UK

07:30 - 07:45
84 - The Growing Clinical TAVI Data: Establishing a Place in Routine Clinical Practice
N. Moat; London/UK

07:45 - 07:55
85 - Sutureless Replacement vs Transcatheter Implantation: A Propensity-Matched Comparison of Two Different Strategies in High Risk Aortic Valve Stenosis
S. Pfeiffer1, G. Santarpino1, G. Concistrè1, A.M. Dell’Aquila2, J. Jessl3, M. Pauschinger1, T. Fischlein1; 1Nuremberg/DE 2Muenster/DE 3Nuernberg/DE

07:55 - 08:05
86 - A Cost-Utility Analysis of Transcatheter Aortic Valve Implantation in High-risk Patients at a Regional Centre for Cardiothoracic Surgery in the United Kingdom
B. Oremule, L. Davies, S. Grant, I. Dimarakis, I. Kadir; Manchester/UK

08:05 - 08:15
87 - Transcatheter Aortic Valve Implantation at The Royal Brompton and Harefield Trust: A 5 Year Experience
A. Duncan, S. Barker, S. Davies, C. Di Mario, T. Snow, N. Sebti, M. Mullen, M. Dalby, R. Trimlett, N. Moat; London/UK

08:15 - 08:25
88 - Acute Kidney Injury Following Transcatheter Aortic Valve Implantation: Incidence, Risk Factors and Prognostic Effects
A. Alassar, D. Roy, N. Abdulkareem, O. Valencia, S. Brecker, M. Jahangiri; London/UK

08:25 - 08:35
89 - Renal Dysfunction after Transcatheter Aortic Valve Implantation or Surgical Aortic Valve Replacement
A. Marican, M. Townsend, A. Baumbach, M. Turner, G. Asimakopoulos; Bristol/UK

08:35 - 08:45
90 - Solid and Gaseous Cerebral Microembolization After Surgical Aortic Valve Replacement and Transcatheter Aortic Valve Implantation: Investigation with Transcranial Doppler Ultrasound
M. Yasin, A. Malecki, S. Kennon, W. Awad; London/UK

08:45 - 08:55
91 - Comparable Learning and Memory Function in Patients Undergoing Transcatheter Aortic Valve Implantation Compared to Open Aortic Valve Replacement
A. Hogan, M. Yasin, A. Malecki, S. Kennon, W. Awad; London/UK

08:55 - 09:05
92 - Safety and Feasibility of Transaortic Approach for Transcatheter Aortic Valve Implantation
M. Zakkar, G. Soppa, J. Smelt, M. Yates, S. Brecker, M. Jahangiri; London/UK
93 - The Transapical Approach to Transcatheter Aortic Valve Implantation is Still Safe and Acceptable: Review of a Single Centre Experience
M. Kuduvalli, J. Mills, R. Stables, O. Al-Rawi, J. Kendall, T. Ridgway, A. Oo; Liverpool/UK

94 - Robotic Catheter Technology for Transcatheter Aortic Valve Implantation (TAVI)
R. Rippel, A. Rolls, C. Riga, M. Hammady, N. Cheshire, C. Bicknell; London/UK

95 - Transcatheter Aortic Valve Implantation for Failing Surgical Aortic Bioprosthetic Valves
A. Duncan, S. Barker, S. Davies, C. Di Mario, T. Snow, N. Sebti, M. Mullen, R. Trimlett, N. Moat; London/UK

96 - Echocardiographic Evidence of Valvular Changes and Left Ventricular Modelling Following Transcatheter Aortic Valve Implantation
M. Zakkar, A. Viviano, M. Yates, R. Sharma, S. Brecker, M. Jahangiri; London/UK

97 - New Advances in Transcatheter Aortic Valve Implantations: A UK Perspective & Update
O. Wendler; London/UK

Bleeding Symposium
Tue, March 19, 2013
Auditorium: 07:50 - 08:50
Moderation: G. Murphy', N. Briffa', M. Underwoodb
'aLeicester/UK, 'Sheffield/UK, 'Hong Kong/HK

73 - The Effects of Aprotinin Withdrawal on Transfusion Rates and Acute Kidney Injury in Cardiac Surgery: A Single Centre Observational Study
G. Walkden', R. Goudie', V. Verheyden', G. Murphy'; 'Bristol/UK
'aLeicester/UK

74 - Preoperative Anaemia Impacts Badly on Subsequent Transfusion Requirements, Length of Stay and Cost
A. Carey, C. Lloyd, P. Robbins, M. Unsworth-White; Plymouth/UK

75 - Washing of Stored Red Cells Prevents Transfusion Related Acute Lung Injury But Not Transfusion Associated Coagulopathy

76 - NHSBT Transfusion Audit Results
S. Allard; London/UK
Panel Discussion

Adult Cardiac Scientific - Aortic Surgery

Tue, March 19, 2013
Meeting Room 10: 08:35 - 10:00

ائه A. Oo’, G. Tsang1, J. Yap2
1Liverpool/UK, 2Southampton/UK, 3London/UK

08:35 - 08:45
186 - Pathophysiological Implications of Inflammation and Genetic Inflammatory Factors in Hypertensive and Old Patients Affected by Thoracic Aortic Aneurysm
C.R. Balistreri, G. Candore, C. Pisano, E. Maresi, G. Ruvolo; Palermo/IT

08:45 - 08:55
187 - Biological Correlates of Functional Aortic Aneurysms Imaging
N. Papalexopoulou, R. Attia, A. Smith, S. Grover, V. Bapat, P. Taylor, C. Young, M. Waltham; London/UK

08:55 - 09:05
188 - Altered Gene Expression in Aortic Aneurysms of Patients with Tricuspid Aortic Valve Compared to Bicuspid
N. Abdulkareem, I. Drozdov, A. Didangelos, A. Zampetaki, S. Sooranna, M. Johnson, M. Mayr, M. Jahangiri; London/UK

09:05 - 09:17
189 - The Role of Functional Imaging In Investigating Aortic Aneurysms
R. Attia, A. Smith, A. Patel, P. Taylor, N. Papalexopoulou, B. Modarai, V. Bapat, C. Young, M. Waltham; London/UK

09:17 - 09:22
191 - Can the Aortic Wall Communicate with us?
C. Pisano1, C.R. Balistreri1, G. Candore2, Z. Mulla2, E. Maresi1, S. Vacirca1, G. Ruvolo1; 1Palermo/IT 2Cambridge/UK

09:22 - 09:27
192 - Could the Prophylactic Replacement of the Aortic Root Reduce the Risk of Dissection in Patients with Ascending Aorta Aneurysm?
C. Pisano1, C.R. Balistreri1, G. Candore2, E. Maresi1, Z. Mulla2, S. Vacirca1, G. Ruvolo1; 1Palermo/IT 2Cambridge/UK

09:27 - 09:47
193 - Aortic Guest Lecture:
The Genetic Basis of Aortic Aneurysms
J. Pepper; London/UK
Rhythm and the Mitral Valve

Tue, March 19, 2013
Auditorium: 08:50 - 10:00

Moderation: N. Briffa1, A. Tang2, R Patel3
1Sheffield/UK, 2Blackpool/UK, 3 Coventry/UK

08:50 - 09:00
78 - Permanent Pacemaker Insertion Following Open Heart Surgery: A Single Centre Experience
N. Ismail, T. Spyt, Z. Vali, A. Sandilands, G. Ng; Leicester/UK

09:00 - 09:10
79 - The Outcomes of Cryoablation on Paroxysmal, Persistent and Permanent Atrial Fibrillation during Concomitant Cardiac Surgery
D. Aktuerk, S. Bhudia, S. Mohamed, M. Lutz, A. Pyone, U. Dandekar, R. Patel; Coventry/UK

09:10 - 09:20
80 - Mitral Valve Repair using a Novel Saddle Shaped Annuloplasty Ring (Carpentier-Edwards Physio II ring): 6-Month Results of a Multi-centre European Registry
S. Livesey1, P. Perier2, T. Carrel3; 1Southampton/UK, 2Bad Neustadt An Der Saale/DE, 3 Bern/CH

09:20 - 09:30
81 - Renal Function after Mitral Valve Surgery Performed with Minimally Invasive vs Conventional Sternotomy Approach
A. Szczap, F. Ciulli, G. Asimakopoulos; Bristol/UK

09:30 - 09:40
82 - Robotic Assisted Mitral Valve Repair: Early Experience With the “DA VINCI” Robotic System
F. Ranocchi, S. Mega, A. Casacalenda, P. Sedati, C. Contento, A. Menichetti, F. Musumeci; Roma/IT

09:40 - 10:00
83 - Mitral Valve Repair Surgery: The Present and the Future
E. Verrier; Seattle/US

Coronary Artery Revascularisation Symposium

Tue, March 19, 2013
Syndicate 1 & 2: 10:30 - 12:40

Moderation: D. Taggart1, A. Ritchie2, A. de Souza3
1Oxford/UK, 2Basildon/UK, 3 London/UK

10:30 - 10:40
98 - The Impact of Acute Kidney Injury Upon Long-Term Mortality Following CABG: A Propensity Score Analysis

10:40 - 10:50
99 - Age-related Loss of Benefit from Multiple Arterial Grafting in Surgical Myocardial Revascularization
U. Benedetto1, M. Codipostii; 1Rome/IT, 2Cambridge/UK
10:50 - 11:00
100 - Early and Late Outcomes Following Hybrid Coronary Revascularization in High-Risk Patients: An Extensive Single Centre Experience
E. Kapetanakis¹, S. Cantone², C. Beggino², A Francescator², P. Caimmi³; ¹Chaidari Athens/GR ²Novara/IT

11:00 - 11:10
101 - Hybrid Coronary Revascularization (HCR) in Patients with Multi-vessel Coronary Disease (MVD): Mid-term Results
A. Repossini, M. Tespili, A. Saino, I. Kotelnikov, L. Di Bacco, A. Moggi, C. Muneretto; Brescia/IT

11:10 - 11:20
102 - Does a MIDCAB Practice Increase Surgical Referrals for Single Vessel Proximal LAD Disease?
G. Niranjan, E. Akowuah; Middlesbrough/UK

11:20 - 11:30
103 - Should Post-operative Antiplatelet Therapy Differ for on and off-pump Surgery?
C. Burdett, M. Hasan, D. Winterburn, H. Robinson, S. Simmons, E. Akowuah; Middlesbrough/UK

11:30 - 11:40
104 - Adherence to ESC / EACTS Guidelines on Myocardial Revascularisation in Patients with Residual Severe Coronary Artery Disease following Primary PCI
M. Yates, G. Soppa, O. Valencia, S. Firoozi, M. Jahangiri; London/UK

11:40 - 11:55
105 - ESC / EACTS Coronary Revascularisation Guidelines Utility or Futility: A view from Continental Europe
P. Kolh, Liege/BE

11:55 - 12:10
106 - ESC / EACTS Coronary Revascularisation Guidelines Utility or Futility: A View from a Small Island
D. Taggart, Oxford/UK

12:10 - 12:25
107 - ESC / EACTS Coronary Revascularisation Guidelines Utility or Futility: A View from the Gatekeeper
A. de Belder, Brighton/UK

12:25 - 12:40
108 - Discussion Panel
Aortic Valve Surgery: The Present and the Future

Tue, March 19, 2013
Auditorium: 10:45 - 12:35

Heart Research UK Sponsored Session
Moderation: R. Uppal, A. Goodwin, J. Dunning

10:45 - 10:55
109 - Shortening Cardioplegic Arrest Time in Patients Undergoing Combined Valvular and Coronary Surgery: A Multicentre Prospective Randomized Trial (SCAT)
R. Capoun, K. Sarkar, C. Rogers, G. Angelini, A. Jain, M.S. Suleiman, R. Ascione; Bristol/UK, Kolkata/IN, Ahmedabad/IN

10:55 - 11:05
110 - Performance of Bioprosthetic Aortic Valve Implanted in Supra Annular Tilted Position: An Elegant Approach to Avoiding Patient-Prosthesis Mismatch?
J. Lu, M. Shahar, J. Basu, J. Campbell, S. Mammond-Pears, S. Naik; Nottingham/UK

11:05 - 11:15
111 - Does Prosthetic Size Matter in Patients Undergoing Isolated Aortic Valve Replacement (AVR)?
N. Briffa, I. Radotra; Sheffield/UK

11:15 - 11:30
112 - Patient Prosthesis Mismatch: Interpreting the Literature for Clinical Practice
M. Jahangiri; London/UK

11:30 - 11:35
115 - Impact of Post-operative Mild Aortic Insufficiency on Outcome after Aortic Valve Repair
H. Vohra, L. DeKerchove, R. Whistance, D. Glineur, P. Noirhomme, G. El Khoury; London/UK, Brussels/BE

11:35 - 11:45
116 - Influence of Higher Valve Gradient on Long-term Outcome after Aortic Valve Repair
H. Vohra, R. Whistance, L. DeKerchove, P. Noirhomme, G. El Khoury; London/UK, Brussels/BE

11:45 - 11:55
114 - Minimally Invasive Aortic Valve Replacement Through Right Anterior Minithoracotomy vs Ministernotomy: A Single Center Experience
A. Miceli, M. Murzi, M. Ferrarini, D. Gilmanov, R. Fugà, P. Farneti, M. Solinas, M. Glauber; Massa/IT

11:55 - 12:05
113 - High Volume Minimally Invasive Aortic Valve Replacement can be Performed Safely with Low Conversion Rate
G. Soppa, J. Smelt, M. Yates, J.P. van Besouw, M. Jahangiri; London/UK

12:05 - 12:35
Heart Research UK Guest Lecture
117 - Aortic Valve Surgery: The Present and the Future
T. David; Toronto/CA
### Clinical Aortic Surgery

**Tue, March 19, 2013**  
Syndicate 1 & 2: 13:30 - 16:00

The Bob Bonser Symposium

**Moderation: C. Young**, S. Westaby, M. Kuduvalli  
'London/UK, 'Oxford/UK, ' Liverpool/UK

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Presenters</th>
<th>Location</th>
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<tbody>
<tr>
<td>13:50 - 14:10</td>
<td><strong>120 - Hybrid Aortic Surgery: Results from the Global Registries</strong></td>
<td>J. Mascaro</td>
<td>Birmingham/UK</td>
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<td>14:10 - 14:25</td>
<td><strong>122 - Discussion</strong></td>
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<td>14:45 - 14:55</td>
<td><strong>125 - Is Total Debranching a Safe Procedure for Extensive Arch and Descending Aortic Disease?</strong></td>
<td>J. Smelt, M. Yates, J. van-Besouw, M. Thompson, M. Jahangiri</td>
<td>London/UK</td>
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</tbody>
</table>
15:15 - 15:25
128 - Surgery For Acute Type A Aortic Dissection (ATAD): How Much Does Quality Cost? A UK first Cost-Analysis Study
M. Bashir, G. Raman, M. Shaw, D. Harrington, M. Field, M. Kuduvalli, A. Oo; Liverpool/UK

15:25 - 15:55
130 - Contemporary Management of Type B Aortic Dissection
J. Elefteriades; New Haven/US

The Fundamental Changes in the New NHS
Tue, March 19, 2013
Auditorium: 13:30 - 14:45

Moderation: N. Moat¹, J. Roxburgh¹, D. O’Regan²
¹London/UK, ²Leeds/UK

13:30 - 13:35
12 - The New NHS
N. Moat; London/UK

13:35 - 13:50
14 - Clinical Outcome is the Currency of the New NHS
K. Caston, Head of Specialised Commissioning
London/UK

13:50 - 14:05
15 - Commissioning and Clinical Reference Groups
N. Moat; London/UK

14:05 - 14:15
Discussion
Panel

14:15 - 14:30
16 - Changes, Opportunities and Challenges in Training Cardiothoracic Surgeons in the New NHS
C. Munsch; Leeds/UK

14:30 - 14:45
17 - The Challenge of Transition to Clinical Practice: Lessons from Across the Pond
E. Verrier; Seattle/US

Cardiothoracic Trauma Forum
Tue, March 19, 2013
Auditorium: 14:45 - 16:05

Moderation: K. Rammohan¹, S. Stamenkovic, J. McGuigan³
¹Manchester/UK, ²Newcastle/UK, ³Belfast/UK

14:45 - 14:55
18 - UK Specialist Cardiothoracic Management of Thoracic Injuries in Military Casualties Sustained in the Wars in Iraq and Afghanistan
H. Poon, E. Senanayake, M. Midwinter, T. Graham; Birmingham/UK

14:55 - 15:05
19 - An 11-year Review of Major Cardiothoracic Trauma in the North West of England
M. Khorsandi¹, C. Skouras², R. Shah³; ¹Manchester/UK ²Edinburgh/UK

15:05 - 16:05
20 - Cardiothoracic Trauma Forum
R. Steyn; Birmingham/UK
Board of Representatives

Tue, March 19, 2013
Syndicate 1 & 2: 16:15 - 18:00

Moderation: J. Roxburgh¹, S. Kendall², T. Graham³, G. Cooper⁴
¹London/UK, ²Middlesbrough/UK, ³Birmingham/UK, ⁴Sheffield/UK

16:15 - 16:30
Financing and Investment of the SCTS: The Future Direction
J. Roxburgh; London/UK

16:30 - 16:45
Feedback on Performance Monitoring / Public Portal
B. Bridgewater¹, J. Roxburgh²; ¹Manchester/UK ²London/UK

16:45 - 17:00
Thoracic Sub-Committee: Training - Themed Thoracic Programmes
S. Kendall¹, D. Waller²; ¹Middlesbrough/UK ²Leicester/UK

17:00 - 17:15
Specialist Nurses / Surgical Care Practitioners: Assessment / Competencies / Indemnity
C. Bannister¹, T. Graham²; ¹Southampton/UK ²Birmingham/UK

17:15 - 17:30
Update from Congenital Sub-Committee
D. Barron¹, J. Roxburgh²; ¹Birmingham/UK ²London/UK

17:30 - 17:45
Update from Cardiac Sub-Committee
G. Venn¹, T. Graham²; ¹London/UK ²Birmingham/UK
Cardiac Surgical Posters

Tue, March 19, 2013
The David Geldard Meeting Room 1: 16:15 - 18:00

Moderation: R. Kanagasabay, F. Bhatti, P. Modi, R. Sayeed, I. Birdi

1 London/UK, 2 Swansea/UK, 3 Liverpool/UK, 4 Oxford/UK, 5 Basildon/UK

150 - Survival, Predictive Factors and Causes of Mortality Following Transcatheter Aortic Valve Implantation
A. Alassar, D. Roy, O. Valencia, S. Brecker, M. Jahangiri; London/UK;

151 - Cerebral Embolisation During Transcatheter Aortic Valve Implantation Compared With Surgical Aortic Valve Replacement
A. Alassar, R. Joyce, O. Valencia, H. Markus, N. Moat, S. Brecker, M. Jahangiri; London/UK;

152 - Introducing a Neuro-Monitoring Service using Motor Evoked Potentials in Thoracoabdominal Aortic Surgery and Intervention
F. Jafarzadeh, M. Bashir, D. Harrington, M. Desmond, M. Field, M. Kuduvalli, A. Oo; Liverpool/UK;

153 - Outcome after Rheumatic Mitral Valve Repair in the Developed Country
M. Abdelaziz, S. Bhudia, U. Dandekar, M. Hawari, R. Patel; 1 Coventry/UK, 2 Nottingham/UK

154 - Single Cross-clamp Technique is a Safe Training Tool for Isolated Coronary Artery Bypass Graft Surgery
A. Nasir, V. Srivastava, J. Barnard, J. Zacharias; 1 Manchester/UK, 2 Blackpool/UK, 3 Cambridge/UK

155 - Initial Experience of Motor Evoked Potential Monitoring in Descending and Thoracoabdominal Aortic Interventions
D. Harrington, F. Jafarzadeh, M. Desmond, M. Field, M. Kuduvalli, A. Oo; Liverpool/UK;

156 - 11 years of Experience in Endocarditis Surgery from a Single Centre: Early and Late Outcome Results
D. Pousios, R. Perera, D. Karangelis, C. Barlow, M. Haw, M. Kaarne, S. Ohri, G. Tsang, S. Livesey; Southampton/UK;

157 - On Pump Beating Heart in High risk Coronary Artery Bypass Grafting: A Superior Alternative to OPCAB?
P. Narayan, D. Das, M. Das, K. Sarkar; Kolkata/IN;

158 - Surgical Embolectomy in Massive Pulmonary Embolism: A Neglected Intervention?
E. Peng, J. Simpson, P. Kesteven, J. Dark; Newcastle/UK;

159 - The Enhanced Recovery Programme Pilot: Achieving Better Outcomes And Shorter Stays For Cardiac Surgical Patients
L. Kenny, T. Pillay, D. Kinnersley; Newcastle/UK;

160 - Outcomes Following Resection of Renal Cell Carcinoma with Extensive Vascular and Intracardiac Extension
J. Evans, A. Ranasinghe, R. Bhatt, S. Rooney, T. Graham; Birmingham/UK;
161 - Incidence of Infective Endocarditis in a Tertiary Referral Centre pre and post NICE Guideline Implementation for Antibiotic Prophylaxis against Infective Endocarditis.
M.P. Kiran Salaunkey, R. Navarro-Ripol, G. Martinez, D. Jenkins, J. Foweraker, K. Valchanov; Cambridge/UK;

162 - Complex Mitral Valve Repair in Acute Endocarditis: Early and Mid-term Results
A. Hossien, M. El Gabry, S. Keil, S. Däbritz; Swansea/UK

163 - Post-operative Morbidity in Patients with Prolonged Hospital Length of Stay (LOS) Following Surgical Aortic Valve Replacement (AVR) using the New Cardiac Post-operative Morbidity Score (C-POMS).
A. Shah, H. Brambley, H. Montgomery, A. Smith, J. Sanders; London/UK;

164 - Less Blood Transfusion and Earlier Discharge with Manubrium Limited Mini Sternotomy Compared with Median Sternotomy for Aortic Valve Surgery
A. Goodwin, M. El-Ghanam, I. Bibiloni Lage, C. Burdett, T. Smailes, K. Khan, E. Akowuah; Middlesbrough/UK;

165 - Is Increased Low Molecular Weight Heparin Thromboprophylaxis Associated with Increased Pericardial Effusion after Surgery of the Proximal Thoracic Aorta?
I. Rahman, A. Hussain, A. Davies, A. Bryan; Bristol/UK;

166 - Double Homograft Technique for Infected Bentall and Hemi-Arch Grafts
S. Duggan, H. Mohamed, M. Petrou; Oxford/UK;

167 - Minimally Invasive Aortic Valve Replacement (AVR) through 6cm Upper Midline Incision Improves Patients’ Outcomes
K. Morcos, S. Aftab, F. Sutherland; Glasgow/UK;

168 - Modified MAZE Procedure Using Radiofrequency and Cryoablation for Atrial Fibrillation: A Single Center 3-Year Experience
L. Bockeria, M. Biniashvili, O. Bockeria, A. Filatov, V. Goriachev, E. Tarashvili; Moscow/RU;

169 - Early Result of Endovascular Repair of Thoracoabdominal Aneurysms
M. Iafrancesco, A. Ranasinghe, M. Claridge, J. Mascaro, D. Adam; Birmingham/UK;

170 - Effect of Hypoxia on Mitral Valve Extracellular Matrix
K. Salhiyyah, M. Zamani, J. Pepper, M. Amrani, M. Yacoub, A. Chester; London/UK;

171 - In-vitro Hypoxia-Reoxygenation Responses in Isolated Human Pulmonary Arteries are Unaltered by L-NAME
P. Ariyaratnam, M. Loubani, S. Griffin, A. Morice; Hull/UK;

172 - Effect of Oscillation on Fluid Dynamics of Artificial Heart Valves
S. Robinson, G. Laub, J.Y. Kresh, D. Wootton; Philadelphia/US

Camden/US
173 - Vascular Characteristics of Mitral Valve Leaflets
K. Salhiyyah, P. Sarathchandra, J. Pepper, M. Amrani, M. Yacoub, A. Chester; London/UK;

174 - Tissue Engineering Strategies for Myocardial Tissue Engineering and Disease Modelling

175 - Vascular Ageing and Medial Aorta Degeneration: Focus on Blood Leukocyte Telomere Length in Hypertensive and Old Patients with Sporadic Thoracic Aortic Aneurysm
C.R. Balistreri, C. Pisano, G. Candore, G. Ruvolo; Palermo/IT
Adult Cardiac Scientific

Mon, March 18, 2013
Syndicate 1 & 2: 08:00 - 08:50

Moderation: C. McGregor¹, T. Athanasiou¹, S. Bhudia²
¹London/UK, ²Coventry/UK

08:00 - 08:10
180 - The Influence of Acute Matrix Metalloproteinase Activity on Myocardial Dysfunction Associated with Urgent Cardiac Surgery: Cardioprotective Effects of Inhibition
E. Teh, D. Chambers; London/UK

08:10 - 08:20
177 - The Protective Effects of Remote Ischaemic Preconditioning in Patients Undergoing Elective Cardiac Surgery

08:20 - 08:30
178 - A Randomised Controlled Trial of Remote Ischaemic Preconditioning in Patients with Chronic Kidney Disease for the Prevention of Myocardial and Kidney Injury after Cardiac Surgery

08:30 - 08:40
179 - A New St Thomas’ Hospital Polarizing Cardioplegic Solution: Improved Myocardial Protective Efficacy in Pigs on Cardiopulmonary Bypass
B. Podesser¹, D. Santer¹, W. Dietl¹, K. Trescher¹, S. Hallstrom¹, K. Aumayr¹, H. Fallouh², D. Chambers²; ¹Vienna/AT ²London/UK

08:40 - 08:50
176 - St Thomas’ Cardioplegia and MMP2 Inhibition: The Right Partnership to Prevent ‘Double-Dip’ Dysfunction of Previously Infarcted Hearts?
E. Teh, D. Chambers; London/UK
Adult Cardiac Scientific - Cellular Biology

Tue, March 19, 2013
Meeting Room 10: 07:30 - 08:35
Moderation: D. Chambers¹, R. Ascione², C. McGregor¹
¹London/UK, ²Bristol/UK

07:30 - 07:40
181 - The Potential Role of Circulating Mitochondrial DNA in Systemic Inflammatory Responses to Cardiac Surgery
H. Naase¹, G. Angelini¹, T. Athanasiou¹, P. Evans³; ¹London/UK
²Bristol/UK

07:40 - 07:50
182 - Development of Innovative Nanoparticle-based Technology for Treatment of Atherosclerosis and Dyslipidaemia
S. Akhmedov, S. Afanasyev, V. Filimonov; Tomsk/RU

07:50 - 08:00
183 - Expression and Alterations of Glomerular Endothelial Glycocalyx in Post Bypass Model of Acute Kidney Injury: Is Recovery Possible?
S. Qureshi¹, G. Welsh¹, R. Foster¹, S. Satchel¹, N. Patel¹, V. Verheyden², G. Murphy³; ¹Bristol/UK ²Essex/UK ³Leicester/UK

08:00 - 08:05
184 - Introduction of the Arris & Gale Lecture
L. Hamilton; Newcastle/UK

08:05 - 08:35
Arris & Gale Lecture
185 - Exploring the Role of Leptin and C-reactive Protein in Saphenous Vein Endothelial Dysfunction
A. Momin; London/UK

Adult Cardiac Scientific - Aortic Surgery

Tue, March 19, 2013
Meeting Room 10: 08:35 - 10:00
Moderation: A. Oo¹, G. Tsang², J. Yap³
¹Liverpool/UK, ²Southampton/UK, ³London/UK

08:35 - 08:45
186 - Pathophysiological Implications of Inflammation and Genetic Inflammatory Factors in Hypertensive and Old Patients Affected by Thoracic Aortic Aneurysm
C.R. Balistreri, G. Candore, C. Pisano, E. Maresi, G. Ruvolo; Palermo/IT

08:45 - 08:55
187 - Biological Correlates of Functional Aortic Aneurysms Imaging
N. Papalexopoulou, R. Attia, A. Smith, S. Grover, V. Bapat, P. Taylor, C. Young, M. Waltham; London/UK

08:55 - 09:05
188 - Altered Gene Expression in Aortic Aneurysms of Patients with Tricuspid Aortic Valve Compared to Bicuspid
N. Abdulkareem, I. Drozdov, A. Didangelos, A. Zampetaki, S. Sooranna, M. Johnson, M. Mayr, M. Jahangiri; London/UK
09:05 - 09:17  
189 - The Role of Functional Imaging In Investigating Aortic Aneurysms  
R. Attia, A. Smith, A. Patel, P. Taylor, N. Papalexopoulou, B. Modarai, V. Bapat, C. Young, M. Waltham; London/UK

09:17 - 09:22  
191 - Can the Aortic Wall Communicate with us?  
C. Pisano¹, C.R. Balistreri¹, G. Candore¹, Z. Mulla², E. Maresi¹, S. Vacirca¹, G. Ruvolo¹; ¹Palermo/IT ²Cambridge/UK

09:22 - 09:27  
192 - Could the Prophylactic Replacement of the Aortic Root Reduce the Risk of Dissection in Patients with Ascending Aorta Aneurysm?  
C. Pisano¹, C.R. Balistreri¹, G. Candore¹, E. Maresi¹, Z. Mulla², S. Vacirca¹, G. Ruvolo¹; ¹Palermo/IT ²Cambridge/UK

09:27 - 09:47  
193 - Aortic Guest Lecture: The Genetic Basis of Aortic Aneurysms  
J. Pepper; London/UK
**TOPIC: ADVANCED HEART & LUNG FAILURE SURGERY**

**Annual Business Meeting**

Mon, March 18, 2013  
Auditorium: 16:45 - 18:30  
*Moderation: J. Roxburgh¹, S. Kendall², T. Graham³ G. Cooper⁴  
¹London/UK, ²Middlesbrough/UK, ³Birmingham/UK, ⁴Sheffield/UK*

**Advanced Heart Failure Surgery**

**Tue, March 19, 2013**  
Meeting Room 9: 08:00 - 10:00  
*Moderation: E. Verrier¹, N. Yonan², J. Dunning³  
¹Seattle/US; ²Manchester/UK; ³Cambridge/UK*

08:00 - 08:10  
194 - Development of a Tissue Engineering Strategy to treat Cardiac Failure  
A. Chow, M. Stevens, S. Harding, T. Athanasiou; London/UK

08:10 - 08:20  
195 - Current Status of Donor Echocardiography in UK  
V. Dronavalli¹, H. Small¹, N. Banner², C. Rogers³, J. Parameshwar⁴, R. Bonser¹ on behalf of the Steering Group UK Cardiothoracic Transplant; ¹Birmingham/UK ²London/UK ³Bristol/UK; ⁴Cambridge/UK

08:20 - 08:30  
196 - Primary Graft Dysfunction Following Heart Transplantation: Validity of a Pragmatic Self-reporting Definition  
V. Dronavalli¹, H. Small¹, P. Gosling¹, J. Parameshwar⁴, C. Rogers³, N. Banner¹, R. Bonser¹ on behalf of the Steering Group UK Cardiothoracic Transplant ¹Birmingham/UK ²London/UK ³Bristol/UK ⁴Cambridge/UK

08:30 - 08:40  
197 - Impact of Continuous and Pulsatile-flow Left Ventricular Assist Devices on Post-transplantation Rejection  
M. Urban; Prague/CZ

08:40 - 08:50  
198 - Determinants and Prognostic Value of Patient Blood Management in Heart Transplantation  
C. Amarelli, L. De Santo, M. Buonocore, A. Carozza, A. Della Corte, M. Montibello, C. Maiello, G. Romano; Napoli/IT

08:50 - 09:00  
199 - Five Years Results of a Left Ventricular Assist Device Surgical Program  
E. Flécher, A. Paramythiotis, B. Lelong, C. Chabanne, V. Desriac, P. Rouault, A. Leguerrier; Rennes/FR

09:00 - 09:10  
200 - Different Clinical Courses after Berlin Heart Excor Implantation as Bridge to Heart Transplantation in the Paediatric Age  
C. Amarelli, A. Petraio, F. Ursomando, M. Buonocore, I. Fludas, E. Merlino, C. Maiello, G. Caianiello; Napoli/IT
201 - Fifteen Year Experience of Bridging to Heart Transplantation with Ventricular Assist Devices
M. Berman, P. Lincoln, J. Parameshwar, C. Lewis, C. Sudarshan, P. Catarino, S. Nair, D. Jenkins, J. Dunning, S. Tsui; Cambridge/UK

202 - The Future Balance Between Biological and Mechanical Circulatory Support
A. Zuckermann, Vienna/AT;

Discussion

Advanced Lung Failure Surgery
Tue, March 19, 2013
Meeting Room 9: 10:45 - 12:30

Moderation: S. Haj-Yahia1, S. Clark2, K. Redmond3
1Glasgow/UK, 2Newcastle/UK, Dublin/IE

10:45 - 10:55  
205 - Lung Transplantation from Donation after Cardiac Death - 3 Years Single Centre Experience
S. Hashmi, A. Machaal, N. Khasati, J. Salaie, A. Ball, K. Oommen, R. Venkateswaran, R. Shah, P. Krysiak, N. Yonan; Manchester/UK

10:55 - 11:05  
206 - Pulmonary Endarterectomy in Patients with Borderline Pulmonary Hypertension
M. Berman, D. Taboada, K. Sheares, J. Pepke Zaba, C. Treacy, J. Dunning, S. Tsui, D. Jenkins; Cambridge/UK

11:05 - 11:15  
207 - Pre-Extubation Bronchoscopy in Post-Operative Lung Transplant Recipients
M. Mydin1, M. Hawari2, P. Catarino3, M. Gillham4, D. Jenkins5, S. Nair6, J. Dunning7, S. Tsui8, J. Parmar9; 1Nottingham/UK, 2Coventry/UK, 3Cambridge/UK

11:15 - 11:35  
208 - The DEVELOP UK Study
N. Yonan; Manchester/UK

11:35 - 11:45  
209 - Lung Protection with Intermittent Pulmonary Perfusion and Low Frequency Ventilation: An Experimental Trial in a Pig Model of Cardiopulmonary Bypass and Cardioplegic Arrest

11:45 - 11:55  
210 - Lung Injury During Cardiopulmonary Bypass: Signalling Pathways Activated by Deflation/Reinflation
D. Chambers, T. Markou; London/UK

11:55 - 12:15  
211 - A Bridge to Lung Transplantation
A. Simon; London/UK

12:15 - 12:30  
212 - Discussion Panel
TOPIC: CARDIOTHORACIC FORUM

ACS A/Cardiothoracic Forum Symposium
Mon, March 18, 2013
The David Geldard Meeting Room 1: 08:00 - 08:50
Moderation: I. Mitchell1, A. Marshall2, S. Clark3
1Nottingham/UK, 2Liverpool/UK, 3Newcastle/UK
08:00 - 08:10
220 - Thermo-reactive Clips do not Prevent Deep Sternal
Wound Infection in Obese Patients after Cardiac Surgery
C. Burdett1, S. Kendall1, J. Dunning1, A. Owens1, A. Goodwin1,
S. Hunter1, J. Ferguson1, T. Smailies1, C. Yap1, E. Akowuah1;
1Middlesbrough/UK 2Victoria/AU
08:10 - 08:20
221 - Prevention of Post-sternotomy Wound Infections in
Obese Patients by Negative Pressure Wound Therapy
O. Grauhan, A. Navasardyan, M. Hofmann, P. Mueller, J. Stein,
R. Hetzer; Berlin/DE
08:20 - 08:30
222 - The First UK Experience with Posthorax® Vest -
Prophylactic use Results in Reduced Sternal Wound
Complications Following Sternotomy
N. Nikolaidis1, I. Manoly2, M. Kaarne1, G. Tsang1, S. Ohri1, S. Livesey1,
C. Barlow1; 1Southampton/UK 2Manchester/UK
08:30 - 08:40
223 - ANTICS (ANTibiotic Implant in Cardiac Surgery): A
Pilot Randomised Controlled Trial of a Gentamicin Implant
to Reduce Sternal Wound Infection
S. Creanor1, A. Barton1, J. Alderton1, C. Pritchard1, A. Marchbank1,
V. Avlonitis1; 1Plymouth/UK 2Truro/UK
08:40 - 08:50
224 - Post-operative Wound Infection following Cardiac
Surgery: Incidence, Predictors, and Impact on Hospital
Resources
S.I. Rizvi, L. Mace, C. Farinas, D. Garcia, R. Ascione; Bristol/UK

Opening Plenary Session
Mon, March 18, 2013
Auditorium: 08:50 - 10:15
Highest Scoring Abstract Submissions
and Ethicon Scholarship Reports
Moderation: J. Roxburgh1, C. Bannister1, A. Marshall1, R. Shah2
1London/UK, 2Southampton/UK, 3Liverpool/UK, 4Manchester/UK
08:50 - 08:55
1 - Introduction
J. Roxburgh; London/UK
08:55 - 09:05
2 - The Use of a Formalised Training Programme for
Endoscopic Vein Harvesting Results in Better Conduit
Quality Compared to Standard Training Techniques:
Findings of a Multicentre UK Study
B. Krishnamoorthy1, W. Critchley1, P. Bhinda2, J. Crockett1, A. John1,
P. Waterworth1, J. Fildes1, N. Yonan1; 1Manchester/UK
2Plymouth/UK 3Southampton/UK 4Cardiff/UK
3 - Is there any benefit in Lung Sparing Macroscopic Complete Resection over Video Assisted Debulking in Malignant Pleural Mesothelioma?
T. Tsitsias, A. Nakas, D. Waller; Leicester/UK

4 - Non-Medical Prescribing within the Cardiothoracic Ward Setting - Is it Safe for Patient Care?
D. Southey, N. Khan, S. Sherwood, H. Luckraz; Wolverhampton/UK

5 - Impact of Surgical Attendance on Referral for Thoracic Surgery
C. Bogdan1, T. Minhas1, J. Tuggey2, M. Crawford2, R. Milton1; 1Leeds/UK, 2Airedale/UK

6 - Major and Unexplained Geographical Variations in Elective Coronary Revascularisation in England
S. Baig, D. Taggart; Oxford/UK

7 - SCTS University Ethicon Scholarships
J. Pepper; London/UK

8 - Ethicon Scholarship Report
D. Harrington; Liverpool/UK

9 - Ethicon Scholarship Report
I. Ahmed; Leeds/UK

10 - Ethicon Scholarship Report
H. Vohra; London/UK

11 - Ethicon Scholarship Report
M. Baghai; London/UK

UK Cardiac Surgical Activity
Mon, March 18, 2013
Auditorium: 10:55 - 12:35

Moderation: J. Roxburgh1, B. Bridgewater2, S. Kendall3
1London/UK, 2Manchester/UK, 3Middlesbrough/UK

10:55 - 11:15
25 - Clinical Outcomes Publication: The Wider Context
J. Roxburgh; London/UK

11:15 - 11:35
26 - Current Initiatives
B. Bridgewater; Manchester/UK

11:35 - 11:45
28 - Monitoring performance of cardiac surgery: the SCTS governance programme
G. Hickey1, R. Cosgriff2, B. Bridgewater3; 1Manchester/UK, 2London/UK

11:45 - 12:05
29 - Research from UK Cardiac Surgical Database
12:05 - 12:15
30 - Dynamical Clinical Prediction Models for Cardiac Surgery
G. Hickey¹, S. Grant¹, C. Caiado², S. Kendall³, J. Dunning⁴, M. Poullis⁵, I. Buchan¹, B. Bridgewater⁶; ¹Manchester/UK ²Durham/UK ³Middlesbrough/UK ⁴Cambridge/UK ⁵Liverpool/UK

12:15 - 12:30
31 - Proposed Work Plan 2013/2014
B. Bridgewater; Manchester/UK

12:30 - 12:35
Discussion
Panel

Cardiothoracic Forum - The Quality Agenda
Mon, March 18, 2013
The David Geldard Meeting Room 1: 13:30 - 16:05

Moderation: J. Roxburgh¹, C. Bannister², M. Fisher³
¹London/UK ²Southampton/UK ³Brighton/UK

13:30 - 13:35
225 - Introduction
C. Bannister; Southampton/UK

13:35 - 13:45
226 - National RCN Perspective
A. Spyropoulos; London/UK

13:45 - 14:30
227 - Human Fallibility
B. Toft; Coventry/UK

14:30 - 14:45
228 - Enhancing Safety in Cardiac Surgery: The Potential Impact of Human Factors Training
D. Bleetman; Solihull/UK

14:45 - 15:00
229 - The Patient, The GP, The Primary Care Team: Their Relationship, Adherence to Treatment and the Implications for Research
J. Cook; Oxford/UK

15:00 - 15:15
230 - Attitudes of Patients to Participate in Research when being Admitted to Hospital with Acute Chest Pain
H. Small, A. Ranasinghe, J. Mascaro, R. Bonser; Birmingham/UK

15:15 - 15:30
231 - Standardising the Consent Process for Cardiac Surgery: A Prospective Study Comparing the Current Department of Health Informed Consent Form with a Modified, Pre-printed Consent Form
B. Krishnamoorthy, K. Yap, J. Porter, S. Mohammed, B. Kirmani, W. Critchley, N. Koumallos, D. White, P. Waterworth; Manchester/UK
15:30 - 15:45
232 - The Quality of Online Information about Cardiac Surgery
D. McGowan¹, K. Qamar², A. Hayes³, J. French¹; ‘Gloucester/UK
¹Brighton/UK ‘Newcastle/UK

15:45 - 16:00
235 - Patient Understanding and Experience of their Sternotomy and the Promotion of Wound Healing
L. Nolan, S. Kivi, G. Hall, F. Bhatti; Swansea/UK

Cardiothoracic Forum - A Hands On Experience
Mon, March 18, 2013
The David Geldard Meeting Room 1: 16:45 - 18:15
Moderation: T. Bartley¹, C. Bannister²
¹Birmingham/UK, ²Southampton/UK

16:45 - 16:45
240 - Hands On Experience - Wet and Dry Lab Stations for Practical Training

Cardiothoracic Forum - Thoracic Surgery
Tue, March 19, 2013
The David Geldard Meeting Room 1: 08:00 - 10:00
Moderation: J. Simons¹, E. Woo²
¹London/UK, ²Southampton/UK

08:00 - 08:15
250 - Giant Intrapleural Mass: An Unusual Presentation of Hodgkin’s Lymphoma
P. McElnay, R. Llewellyn-Bennett, D. West; Bristol/UK

08:15 - 08:45
251 - An Investigation of Peak Cough Flow (PCF) Rates in Patients Post Lung Resection
K. Devenney, S. Mitchell, C. Griffin, R. Ryan; Dublin/IE

08:30 - 08:45
252 - Does the Extent of Lung Resection Influence Recovery & Analgesic Requirements after Video Assisted Thoracoscopic Surgery
V. Richardson, S. Kolokotroni, A. Stevenson, A. Alzetani; Southampton/UK

08:45 - 09:00
254 - Video-assisted Thoracoscopic Lobectomy Enhances Recovery and Reduces the Need for Physiotherapy Interventions Compared to Open Thoracotomy
P. Agostini, E. Bishay, K. Massey, M. Kalkat, P. Rajesh, R. Steyn, B. Naidu; Birmingham/UK

09:00 - 09:15
253 - Prehospital Intercostal Drain to Treat Tension Pneumothorax
J. Robinson, D. Tamarro; Essex/UK

09:15 - 09:45
255 - National Lung Cancer Forum for Nurses (NLCFN) and the Thoracic Surgical Group (TSG)
A. Bradley; Birmingham/UK
Cardiothoracic Forum - Cardiac Surgery

Tue, March 19, 2013
The David Geldard Meeting Room 1: 10:45 - 12:30

Moderation: A. Chukwuemeka1, J. Douglas2
1London/UK, 2Sheffield/UK

10:45 - 11:00
256 - The Chain of Survival for Out of Hospital Cardiac Arrest: A HEMS Perspective
J. Robinson; Essex/UK

11:00 - 11:15
257 - Door to Knife Time - Timeline of Patients Presenting with Acute Type A Aortic Dissection
P. Sastry, J. Maraka, N. Moorjani; Cambridge/UK

11:15 - 11:30
258 - The Value of Tertiary Centre Echocardiography in the Management of Valvular Heart Disease: Need for National guidelines?
J. Smelt, P. Youssefi, M. Jahangiri; London/UK

11:30 - 11:45
259 - If MIAVR is so good, Why do we not all do it?
G. Beattie, J. Smyth, O. Nzewi; Belfast/UK

11:45 - 12:00
260 - Patients’ Perception of Minimally Invasive Aortic Valve Replacement Surgery
M. van Loo, J. Broughton, A. Goodwin, E. Akowuah; Middlesbrough/UK

12:00 - 12:15
261 - Increasing Post-operative Delirium in Cardiac Surgery Patients
K. Kindness, H. El-Shafei, L. Lawman; Aberdeen/UK

12:15 - 12:30
262 - Less Invasive Approaches to the Aortic Valve
A. Chukwuemeka, London/UK

The Fundamental Changes in the New NHS

Tue, March 19, 2013
Auditorium: 13:30 - 14:45

Moderation: N. Moat1, J. Roxburgh1, D. O’Regan2
1 London/UK, 2Leeds/UK

13:30 - 13:35
12 - The New NHS
N. Moat; London/UK

13:35 - 13:50
14 - Clinical Outcome is the Currency of the New NHS
K. Caston, Head of Specialised Commissioning London/UK

13:50 - 14:05
15 - Commissioning and Clinical Reference Groups
N. Moat; London/UK

14:05 - 14:15
Discussion
Panel
14:15 - 14:30
16 - Changes, Opportunities and Challenges in Training Cardiothoracic Surgeons in the New NHS
C. Munsch; Leeds/UK

14:30 - 14:45
17 - The Challenge of Transition to Clinical Practice: Lessons from Across the Pond
E. Verrier; Seattle/US

Cardiothoracic Forum - Advanced Clinical Practice

Tue, March 19, 2013
The David Geldard Meeting Room 1: 13:30 - 15:45

Moderation: I. Ahmed¹, C Ruiz Sergia²
¹Leeds/UK, ²London/UK

13:30 - 14:00
263 - Nurse Prescribing: Safety in Prescribing
A. Baileff; Southampton/UK

14:00 - 14:15
264 - Enhancing the Patient Pathway by Introduction of an Advanced Nurse Practitioner Role in Thoracic Surgery
J. Mitchell; Oxford/UK

14:15 - 14:30
265 - Non-Medical Prescribing within the Cardiothoracic Ward Setting: Is it Safe for Patient Care?
D. Southey, N. Khan, S. Sherwood, H. Luckraz; Wolverhampton/UK

14:30 - 14:45
266 - When Should Post-operative Cardiothoracic Patients who have had Chest Drains Removed undergo CXR?
S. Pierre, G. Ritchie, F. Carnochan, M. Hendry, J. Murchison; Edinburgh/UK

14:45 - 15:00
267 - Colloid versus Crystalloid Solutions for Volume Replacement: A Systematic Review of Randomized Controlled Trials
S. Qureshi¹, S.I. Rizvi¹, N. Patel¹, V. Verheyden¹, G. Murphy²;
¹Bristol/UK, ²Leicester/UK

15:00 - 15:15
268 - Implementation of Care Rounds in a Single Room Care Environment
S. McLaughlin; Glasgow/UK

15:15 - 15:30
269 - Patient Utilization of a Cardiothoracic Wound Clinic: Potential to Rescue Complications and Re-admission rates
S. Ibrahim, A. Sitzberger, K. Clark, R. Ochoa, A. Coipell, A. Hogan, A. Shipolini; London/UK

15:30 - 15:45
270 - Establishing a New National Preparatory Simulation Based Course for ST3 Level Cardiothoracic Surgery Trainees
S. Love¹, A. Sepehripour², D. McCormack²; ¹Liverpool/UK, ²London/UK

15:45 - 15:50
Closing Remarks
C. Bannister; Southampton/UK
TOPIC: CONGENITAL HEART SURGERY

Breakfast Symposium

Mon, March 18, 2013
Meeting Room 9: 08:00 - 08:30

Moderation: A. Parry, N. Weerasena
1Bristol/UK, 2Leeds/UK

08:00 - 08:25
The ELAN RVOT conduit: Its Place in Clinical Practice
J. McKenna; Vice President - Heart Valves at Vascutek Terumo/UK

08:25 - 08:30
Discussion

Congenital Abstracts

Mon, March 18, 2013
Meeting Room 9: 08:30 - 10:00

Moderation: P. Venugopal, A. Hasan
1Liverpool/UK, 2Newcastle/UK

08:30 - 08:40
271 - Long Term Outcomes of Myocardial Revascularisation in Adult Patients with Congenital Heart Disease: A Single Centre Experience
R. Perera, S. Sayed, M. Haw, M. Kaarne, N. Viola; Southampton/UK

08:40 - 08:50
272 - Ascending to Descending Aortic Bypass in Aortic Coarctation
F. Iezzi; Rome/IT

08:50 - 09:00
273 - Recombinant Factor VIIa (Novoseven) Administration Following Paediatric Cardiac Surgery
K. Ayoubi, B. Nolan, P. Sheeran, J. McGuinness, M. Redmond, L. Nölke; Dublin/IE

09:00 - 09:10
274 - Patent Ductus Arteriosus Closure Device Causing Extrinsic Right Main Bronchial Compression in an Infant - a Challenging Obstacle
G. Fitzmaurice, D. Coleman, K. Walsh, P. Oslizlok, J. Russell, J. McGuinness; Dublin/IE

09:10 - 09:20
275 - Hybrid Strategies for High Risk non-HLHS Patients: Role of Bilateral Pulmonary Artery Banding With and Without Stenting of PDA
N. Viola, K. Roman, J. Gnanapragasam, M. Haw, J. Vettukattil; Southampton/UK

09:20 - 10:00
276 - Techniques and Outcomes for Repair of the Aortic Valve
C. Salih; London/UK
Morphology, Assessment and Surgery of Ebstein’s Anomaly

Mon, March 18, 2013  
Meeting Room 9: 10:45 - 12:45

*Moderation: N. Weerasena¹, O. Ghez²*
¹Leeds/UK, ²London/UK

10:45 - 11:15

**277 - A Morphological Demonstration of Ebstein’s Anomaly Specimens**
A. Cooke; London/UK

11:15 - 11:45

**278 - Echocardiographic and MRI Imaging of Ebstein’s Anomaly: Showing the Morphology to the Surgeon**
K. Roman; Southampton/UK

11:45 - 12:45

**279 - Surgical Approaches to Repair Ebstein’s Anomaly**
J.P. da Silva, Sao Paulo/BR

Paediatric ECMO

Mon, March 18, 2013  
Meeting Room 9: 13:30 - 14:30

*Moderation: A. Hasan¹, T. Jones²*
¹Newcastle/UK, ²Birmingham/UK

13:30 - 13:37

**280 - Is it Time to Re-evaluate the Wisdom of Referring Children for Respiratory Extracorporeal Life Support Outside Ireland?**
K. Ayoubi, M. Healy, J. McGuinness, M. Redmond, L. Nölke; Dublin/IE

13:37 - 13:44

**281 - Should Children Die without Extracorporeal Cardiopulmonary Resuscitation?**
K. Ayoubi, Y. Doyle, D. Mannion, J. McGuinness, M. Redmond, L. Nölke; Dublin/IE

13:44 - 14:04

**282 - The Current Status of ECMO in the Management of Respiratory Failure and Clinical Outcomes**
G. Peek; Leicester/UK

14:04 - 14:29

**283 - Future Expectations of the Model of ECMO Delivery in the UK and Ireland**
C. Davis; Glasgow/UK
Contemporary Management Strategies
Mon, March 18, 2013
Meeting Room 9: 14:40 - 16:00
Moderation: A. Parry¹, K. MacArthur²
¹Bristol/UK, ²Glasgow/UK

14:40 - 15:20
284 - The Physiology of the Neonate as Relevant to the Congenital Cardiac Surgeon
A. Wolf; Bristol/UK

15:20 - 16:00
285 - Management of a Borderline Left Ventricle
D. Anderson; London/UK

16:00 - 16:00
286 - Discussion
Panel

Annual Business Meeting
Mon, March 18, 2013
Auditorium: 16:45 - 18:30
Moderation: J. Roxburgh¹, S. Kendall², T. Graham³, G. Cooper⁴
¹London/UK, ²Middlesbrough/UK, ³Birmingham/UK, ⁴Sheffield/UK
TOPIC: THORACIC SURGERY

Pulse Symposium
Mon, March 18, 2013
Syndicate 3 & 4: 07:30 - 08:45

State of the Art Chest Wall Surgery
Moderation: S. Barnard¹, R. Milton², J. Edwards³
¹Newcastle/UK, ²Leeds/UK, ³Sheffield/UK

07:30 - 07:55
350 - Recent Advances in Chest Wall Resection / Reconstruction for Tumours
G. Massard; Strasbourg/FR

07:55 - 08:20
351 - Advances in the Management of Chest Wall Trauma
P. Moreno de la Santa Barajas; Vigo/ES

08:20 - 08:45
352 - Surgery for Pectus: How I do it
G. Massard; Strasbourg/FR

08:45 - 08:45
353 - Discussion
Panel

Opening Plenary Session
Mon, March 18, 2013
Auditorium: 08:50 - 10:15

Highest Scoring Abstract Submissions and Ethicon Scholarship Reports
Moderation: J. Roxburgh¹, C. Bannister², A. Marshall³, R. Shah⁴
¹London/UK, ²Southampton/UK, ³Liverpool/UK, ⁴Manchester/UK

08:50 - 08:55
1 - Introduction
J. Roxburgh; London/UK

08:55 - 09:05
2 - The Use of a Formalised Training Programme for Endoscopic Vein Harvesting Results in Better Conduit Quality Compared to Standard Training Techniques: Findings of a Multicentre UK Study
B. Krishnamoorthy¹, W. Critchley¹, P. Bhinda², J. Crockett³, A. John⁴, P. Waterworth¹, J. Fildes¹, N. Yonan¹; ¹Manchester/UK ²Plymouth/UK ³Southampton/UK ⁴Cardiff/UK

09:05 - 09:15
3 - Is there any benefit in Lung Sparing Macroscopic Complete Resection over Video Assisted Debulking in Malignant Pleural Mesothelioma?
T. Tsitsias, A. Nakas, D. Waller; Leicester/UK

09:15 - 09:25
4 - Non-Medical Prescribing within the Cardiothoracic Ward Setting - Is it Safe for Patient Care?
D. Southey, N. Khan, S. Sherwood, H. Luckraz; Wolverhampton/UK
5 - Impact of Surgical Attendance on Referral for Thoracic Surgery
C. Bogdan¹, T. Minhas¹, J. Tuggey¹, M. Crawford², R. Milton¹;
¹Leeds/UK ²Airedale/UK

6 - Major and Unexplained Geographical Variations in Elective Coronary Revascularisation in England
S. Baig, D. Taggart; Oxford/UK

7 - SCTS University Ethicon Scholarships
J. Pepper; London/UK

8 - Ethicon Scholarship Report
D. Harrington; Liverpool/UK

9 - Ethicon Scholarship Report
I. Ahmed; Leeds/UK

10 - Ethicon Scholarship Report
H. Vohra; London/UK

11 - Ethicon Scholarship Report
M. Baghai; London/UK
QUALITY IN THORACIC SURGERY

Mon, March 18, 2013
Syndicate 3 & 4: 10:55 - 12:40

Moderation: E. Lim\(^1\), D. Gonzalez Rivas\(^2\), A. Kirk\(^3\)
\(^1\)London/UK, \(^2\)Coruña/ES, \(^3\)Glasgow/UK

10:55 - 11:00
354 - Thoracic Patient Representative Patient Representative

11:00 - 11:10
355 - Impact of Specialist Thoracic Surgical Appointment on the National Surgical Activity
D. Chauhan, F. Chowdhry, T. Tsitsias, D. Waller, S. Rathinam; Leicester/UK

11:10 - 11:20
356 - Enhanced Recovery Pathways Improve Day Case Rates for Patients Undergoing Elective Mediastinoscopy
T. Batchelor, G. Casali, F. Collins, D. West; Bristol/UK

11:20 - 11:30
357 - The Quality of Online Information about Thoracic Surgery
D. McGowan\(^1\), S. Klimach\(^2\), A. Mees\(^2\); \(^1\)Gloucester/UK, \(^2\)Brighton/UK

11:30 - 11:40
359 - UK Validation of Thoracoscore: A Multicentre Study
A. Sharkey\(^1\), P. Ariyaratnam\(^1\), E. Belcher\(^2\), S. Kendall\(^1\), B. Naidu\(^4\), W. Parry\(^5\), M. Loubani\(^1\) on behalf of the UK Thoracic Surgery Research Collaborative; \(^1\)Hull/UK, \(^2\)Oxford/UK, \(^3\)Middlesbrough/UK, \(^4\)Coventry/UK, \(^5\)Norwich/UK

11:40 - 11:50
360 - Thoracoscore is Associated with High Levels Of Inter-observer Variability

11:50 - 12:00
361 - Thoracoscore and European Society Objective Score Fail to Predict Mortality in a UK Multicentre Study
A. Sharkey\(^1\), P. Ariyaratnam\(^1\), E. Belcher\(^2\), S. Kendall\(^1\), B. Naidu\(^4\), M. Loubani\(^1\) on behalf of the UK Thoracic Surgery Research Collaborative; \(^1\)Hull/UK, \(^2\)Oxford/UK, \(^3\)Middlesbrough/UK, \(^4\)Coventry/UK

12:00 - 12:10
362 - Our Experience of Cardiopulmonary Exercise Testing in Decision Making for High-Risk Lung Cancer Resection Surgery
J. Porter, E. Elbur, D. Lowes, S. Grant, I. Dimarakis, N. Clayton, R. Shah, K. Rammohan; Manchester/UK

12:10 - 12:20
363 - Comparison of Patient Related Outcome Measures of Operatively and Non-Operatively Managed Rib Fractures
J. Ekpe, A. Kendal, S. Chaudhury, O. Brown, E. Belcher, E. Black; Oxford/UK
Minimally Invasive Thoracic Surgery

Mon, March 18, 2013
Syndicate 3 & 4: 13:30 - 16:02
Moderation: K. Papagiannopoulos¹, R. Petersen², T. Batchelor³
¹Leeds/UK, ²Copenhagen/DK, ³Bristol/UK

13:30 - 13:50
366 - Congenital Chest Wall Deformities
M. Yuksel, Istanbul/TR

13:50 - 14:10
367 - The Surgical Art of Nuss Procedures
H.K. Pilegaard, Aarhus/DK

14:10 - 14:20
368 - Single-Port VATS Lung Volume Reduction Surgery for Emphysema: Reducing Trauma does not Compromise the Surgical Procedure
V. Jones, L. Socci, M. Malik, A. Martin-Ucar; Nottingham/UK

14:20 - 14:30
369 - An Individualised Approach to the Prediction of Prolonged Hospital Stay after Lung Volume Reduction Surgery
T. Manickavasagar, I. Oey, S. Rathinam, D. Waller; Leicester/UK

14:30 - 14:40
370 - Starting & Evaluating a Robot-Assisted VATS Programme: Pilot Phase
S. Gelvez-Zapata, P. Sastry, A. Page, A. Coonar; Cambridge/UK

14:40 - 15:00
371 - Single-Port VATS Lobectomy: One Year of Minimising Minimal Invasion
L. Socci¹, A. Sharma¹, P. Wake¹, M. Malik¹, D. Gonzalez Rivas², E. Internullo¹, A. Martin-Ucar¹; ¹Nottingham/UK, ²Coruña/ES

15:00 - 15:10
372 - Thoracoscopic Lobectomy: Comparison of Intraoperative and Postoperative Outcomes between 3 and 4 Incision Access
L. Okiror, A. Bille, D. Choudhuri, K. Harrison-Phipps, T. Routledge; London/UK

15:00 - 15:10
373 - Adopting a Standardised Anterior Approach Significantly Increases VATS Lobectomy Rates
D. West, T. Batchelor, G. Casali; Bristol/UK
15:10 - 15:20  
**374 - Does Previous Surgical Training Impact the Learning Curve in VATS Lobectomy for Trainees?**  
L. Okiror, A. Bille, K. Harrison-Phipps, T. Routledge; London/UK

15:20 - 15:30  
**375 - Video-Assisted Thoracoscopic Lung and Chest Wall Resection with Reconstruction using an Extracellular Matrix Patch**  
S. Begum, K. Papagiannopoulos; Leeds/UK

15:30 - 15:32  
**376 - Introduction of the Tudor Edwards Guest Lecture**  
S. Stamenkovic; Newcastle/UK

15:32 - 16:02  
**377 - The Tudor Edwards Memorial Lectureship My First 1000 VATS Lobectomies**  
W. Walker; Edinburgh/UK

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**Annual Business Meeting**

**Mon, March 18, 2013**  
Auditorium: 16:45 - 18:30  

*Moderation: J. Roxburgh*, *S. Kendall*, *T. Graham*, *G.Cooper*  

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**Thoracic Surgical Movies**

**Mon, March 18, 2013**  
Syndicate 3 & 4: 16:45 - 18:15  

*Moderation: G. Casali*, *R. Petersen*, *P. Dartevelle*, *G. Massard*  

16:45 - 16:55  
**378 - Carinal Carcinoid: Endoscopic Laser Assisted Mechanical Resection**  
F. Petrella, L. Spaggiari; Milan/IT

16:55 - 17:05  
**379 - Video Assisted Thoracoscopic Excision of Mediastinal Parathyroid Adenoma**  
B. Kirmani, S. Buderi, H. Saleh, S. Woolley, M. Shackcloth; Liverpool/UK

17:05 - 17:15  
**380 - Left VATS Lower lobectomy for Lung Sequestration**  
S. Love, M. Shackcloth, S. Woolley; Liverpool/UK

17:15 - 17:25  
**381 - Single-Port VATS Anatomical Segmentectomy**  

17:25 - 17:35  
**382 - VATS Excision of a Paravertebral Mass**  
S. Love, B. Kirmani, M. Shackcloth, S. Woolley; Liverpool/UK
Thoracic Surgical Neoplasia

Tue, March 19, 2013
Syndicate 3 & 4: 08:00 - 10:00

Moderation: J. King, S. Woolley, D. Waller
1 London/UK, 2 Birmingham/UK, 3 Leicester/UK

08:00 - 08:10
383 - Surgical Management of Congenital Cystic Adenomatoid Malformation: An 8 Year Single Centre Experience
K. Ayoubi, J. McGuinness, M. Redmond, L. Nölke; Dublin/IE

08:10 - 08:20
384 - Test Performance of PET-CT for Mediastinal Lymph Node Staging of Pulmonary Carcinoid Tumours

08:20 - 08:30
385 - Start of Phase Transition of Early Lung Cancer into Invasive Cancer Significantly Depended on Cell Ratio Factors
O. Kshivets; Kachkanar/RU

08:30 - 08:40
386 - The N2 Paradox: Similar Outcomes of Pre and Postoperatively Identified Single Zone N2a Positive Non-small Lung Cancer
T. Tsitsias, A. Boulemden, K. Ang, A. Nakas, D. Waller; Leicester/UK

08:40 - 08:50
387 - Is Plasma Fibrinogen a Novel Independent Prognostic Factor in Patients Undergoing Surgery for Non-Small Cell Lung Cancer?
R. George, A. Sharkey, R. Hubbard, M. Smith, J. Rao, J. Edwards; 1 Sheffield/UK, 2 Hull/UK, 3 Nottingham/UK

08:50 - 09:00
388 - Surgery for Limited Small Cell Lung cancer: Results of Two Thoracic Centres

09:00 - 09:10
389 - Adenosquamous Lung Carcinoma: A Poor Prognostic Subtype?
A. Sharma, L. Socci, M. Hawari, A. Qureishi, J. Duffy, A. Majewski, A. Martin-Ucar, E. Internullo; Nottingham/UK, Coventry/UK

09:10 - 09:20
390 - Intraoperative Frozen Section Diagnosis of the Suspicious Solitary Pulmonary Nodule: How can we Improve the Strike-rate?
R. Govindraj, F. Chowdhry, K. Ang, D. Waller; Leicester/UK
09:20 - 09:30
391 - Pulmonary Metastasectomy in Colorectal Cancer: Working Towards a Consensus. A survey of PulMiCC UK Trial Centre Principal Investigators and MDTs within a Cancer Network
R. George¹, T. Treasure², J. Edwards¹; ¹Sheffield/UK ²London/UK

09:30 - 10:00
392 - Recent Advances in Tracheal Surgery
P. Dartevelle, Le Plessis Robinson/FR

Advanced Lung Failure Surgery

Tue, March 19, 2013
Meeting Room 9: 10:45 - 12:30

Moderation: S. Haj-Yahia¹, S. Clark², K. Redmond³
¹Glasgow/UK, ²Newcastle/UK, ³Dublin/IE

10:45 - 10:55
205 - Lung Transplantation from Donation after Cardiac Death - 3 Years Single Centre Experience
S. Hashmi, A. Machaal, N. Khasati, J. Salaie, A. Ball, K. Oommen, R. Venkateswaran, R. Shah, P. Krysiak, N. Yonan; Manchester/UK

10:55 - 11:05
206 - Pulmonary Endarterectomy in Patients with Borderline Pulmonary Hypertension
M. Berman, D. Taboada, K. Sheares, J. Pepke Zaba, C. Treacy, J. Dunning, S. Tsui, D. Jenkins; Cambridge/UK

11:05 - 11:15
207 - Pre-Extubation Bronchoscopy in Post-Operative Lung Transplant Recipients
M. Mydin¹, M. Hawari², P. Catarino³, M. Gillham³, D. Jenkins³, S. Nair³, J. Dunning³, S. Tsui³, J. Parmar³; ¹Nottingham/UK ²Coventry/UK ³Cambridge/UK

11:15 - 11:35
208 - The DEVELOP UK Study
N. Yoonan; Manchester/UK

11:35 - 11:45
209 - Lung Protection with Intermittent Pulmonary Perfusion and Low Frequency Ventilation: An Experimental Trial in a Pig Model of Cardiopulmonary Bypass and Cardioplegic Arrest

11:45 - 11:55
210 - Lung Injury During Cardiopulmonary Bypass: Signalling Pathways Activated by Deflation/Reinflation
D. Chambers, T. Markou; London/UK

11:55 - 12:15
211 - A Bridge to Lung Transplantation
A. Simon; London/UK

12:15 - 12:30
212 - Discussion
Panel
Contemporary Thoracic Surgical Practice

Tue, March 19, 2013
Syndicate 3 & 4: 10:45 - 12:35

Moderation: A. Cale¹, C. Tan², R. Milton³
¹Hull/UK, ²London/UK, ³Leeds/UK

10:45 - 10:55
393 - A Meta-analysis of Trials Comparing Outcomes After Performing an Additional Pleural Tent for Upper Lobectomies
M. Uzzaman, D. Robb, P. Mhandu, H. Khan, D. Whitaker; London/UK

10:55 - 11:05
394 - Cellular Innate Immune Responses to Lung Resection Predict Post-Operative Pneumonia
R. Jones¹, M. Brittan², N. Anderson², A. Conway Morris³, J. Murchison¹, A. Simpson², W. Walker³; ¹Middlesbrough/UK ²Edinburgh/UK

11:05 - 11:15
395 - Improvement in lung Function Following Diaphragmatic Plication for Unilateral Paralysis is due to Improved Abdominal Chest Wall Motion on the Operated and Contralateral Side during Quiet Breathing and Exercise
G. Elshafie¹, K. Parker¹, J. Acosta¹, M. Kalkat¹, R. Steyn¹, E. Bishay¹, P. Rajesh¹, B. Naidu¹; ¹Birmingham/UK ²Coventry/UK

11:15 - 11:25
396 - Can a Gaming Machine Monitor Respiratory Function following Thoracic Surgery? Chest Wall Motion Assessment using Microsoft Kinect
J. Acosta¹, J. Harte¹, C. James¹, V. Raja², K. Parker², R. Steyn², M. Kalkat², E. Bishay², P. Rajesh², B. Naidu²; ¹Coventry/UK ²Birmingham/UK

11:25 - 11:35
397 - Implementation of the New BTS guidelines for the Management of Thoracic Empyema: A Single NHS Trust Experience
R. George, M. Tate, S. Matthews, J. Edwards; Sheffield/UK

11:35 - 11:45
398 - Subcutaneous Drain Insertion in Patients with Post-operative Extensive Surgical Emphysema: A single centre experience
A. Boulemden, P. Aifesehi, J. Sharman, A. Pajaniappane, K. Lau, A. Nakas, D. Waller, S. Rathinam; Leicester/UK

11:45 - 11:55
399 - Management of Patients with Oesophageal Cancer and Lung Nodules: A 20-year Review from a Regional Thoracic Surgical Unit
M. Mydin, M. Hawari, A. Sharma, M. Jadoon, A. Ciesla, E. Addae-Boateng, E. Internullo, J. Duffy; Nottingham/UK
11:55 - 12:05
400 - Endoscopic Stent Insertion versus Primary Operative Management for Spontaneous Rupture of the Oesophagus (Boerhaave syndrome): An International Study Comparing the Outcome
M. Schweigert¹, R. Beattie², N. Solymosi³, K. Booth¹, A. Dubecz⁴, A. Muir², D. Ofner³, J. McGuigan⁴, H. Stein¹; ¹Nuremberg/DE ²Belfast/UK ³Budapest/HU ⁴Liverpool/UK ⁵Salzburg/AT

12:05 - 12:15
401 - Patient Reported Outcomes after a Modified “no bar” Ravitch Repair of Pectus Anomalies
R. Llewellyn-Bennett, G. Casali, T. Batchelor, F. Collins, D. West; Bristol/UK

12:15 - 12:35
402 - Recent Trends in Chest Wall Surgery
Surgical Techniques for the Management of Deformities, Trauma, and Tumours; also including Reconstructive Techniques following Median Sternotomy Dehiscence
J-M. Wihlm; Strasbourg/FR

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Enhanced Recovery in Thoracic Surgery

Tue, March 19, 2013
Meeting Room 10: 10:45 - 12:30
Session Sponsored by Ethicon, Medela & NHS Improvement

*Moderation: B. Naidu¹, A. Kirk²*
¹Birmingham/UK, ²Glasgow/UK

10:45 - 11:00
ERAS in the NHS
W. Lewis; National Improvement Lead for Enhanced Recovery; London/UK

11:00 - 11:10
Components of a Thoracic Programme
T. Batchelor; Bristol/UK

11:10 - 11:20
The Patient Pathway: Information and Discharge
J. Simons; National Lung Cancer Nurse Forum

11:20 - 11:30
Patient Experience
M. Marston, R. Kyle

11:30 - 11:40
Barriers to Starting a Programme
M. Shackcloth; Liverpool/UK

11:40 - 11:50
Key to a Successful Programme
N. Rasburn; Bristol/UK

11:50 - 12:00
State of Play Nationally for Thoracic Surgery
R. Wotton; Birmingham/UK
12:00 - 12:15
A Danish Perspective
R. Petersen; Copenhagen/DK

12:15 - 12:30
Discussion
Panel

The Fundamental Changes in the New NHS

Tue, March 19, 2013
Auditorium: 13:30 - 14:45
Moderation: N. Moat¹, J. Roxburgh¹, D. O’Regan¹
¹London/UK, ²Leeds/UK

13:30 - 13:35
12 - The New NHS
N. Moat; London/UK

13:35 - 13:50
14 - Clinical Outcome is the Currency of the New NHS
K. Caston, Head of Specialised Commissioning London/UK

13:50 - 14:05
15 - Commissioning and Clinical Reference Groups
N. Moat, London/UK

14:05 - 14:15
Discussion
Panel

14:15 - 14:30
16 - Changes, Opportunities and Challenges in Training Cardiothoracic Surgeons in the New NHS
C. Munsch; Leeds/UK

14:30 - 14:45
17 - The Challenge of Transition to Clinical Practice: Lessons from Across the Pond
E. Verrier; Seattle/US

Cardiothoracic Trauma Forum

Tue, March 19, 2013
Auditorium: 14:45 - 16:05
Moderation: K. Rammohan¹, S. Stamenkovic¹, J. McGuigan³
¹Manchester/UK, ²Newcastle/UK, ³Belfast/UK

14:45 - 14:55
18 - UK Specialist Cardiothoracic Management of Thoracic Injuries in Military Casualties Sustained in the Wars in Iraq and Afghanistan
H. Poon, E. Senanayake, M. Midwinter, T. Graham; Birmingham/UK

14:55 - 15:05
19 - An 11-year Review of Major Cardiothoracic Trauma in the North West of England
M. Khorsandi¹, C. Skouras², R. Shah¹; ¹Manchester/UK ²Edinburgh/UK

15:05 - 16:05
20 - Cardiothoracic Trauma Forum
R. Steyn; Birmingham/UK
Board of Representatives
Tue, March 19, 2013
Syndicate 1 & 2: 16:15 - 18:00
Moderation: J. Roxburgh, S. Kendall, T. Graham, G. Cooper
1 London/UK, 2 Middlesbrough/UK, 3 Birmingham/UK, 4 Sheffield/UK

16:15 - 16:30
Financing and Investment of the SCTS: The Future Direction
J. Roxburgh, London/UK

16:30 - 16:45
Feedback on Performance Monitoring / Public Portal
B. Bridgewater, J. Roxburgh; 1 Manchester/UK 2 London/UK

16:45 - 17:00
Thoracic Sub-Committee: Training - Themed Thoracic Programmes
S. Kendall, D. Waller; 1 Middlesbrough/UK 2 Leicester/UK

17:00 - 17:15
Specialist Nurses / Surgical Care Practitioners: Assessment / Competencies / Indemnity
C. Bannister, T. Graham; 1 Southampton/UK 2 Birmingham/UK

17:15 - 17:30
Update from Congenital Sub-Committee
D. Barron, J. Roxburgh; 1 Birmingham/UK 2 London/UK

17:30 - 17:45
Update from Cardiac Sub-Committee
G. Venn, T. Graham; 1 London/UK 2 Birmingham/UK

Thoracic Surgical Posters
Tue, March 19, 2013
Syndicate 3 & 4: 16:15 - 18:00
Moderation: R. Milton, K. Rammohan, D. West, S. Ghosh, E. Woo
1 Leeds/UK, 2 Manchester/UK, 3 Bristol/UK, 4 Stoke/UK, 5 Southampton/UK

420 - The Role of Preoperative Intrathecal Diamorphine Injection in Thoracic Surgery: A Single Unit Retrospective Study
M. Zakkar, C. Tan, G. McNulty, I. Hunt; London/UK

421 - Are the Current Available Courses for Thoracic Surgery Adequate for Trainee’s Educational Needs?
K. Ang, A. Boulemden, S. Rathinam; Leicester/UK;

422 - Patients Undergoing Lung Cancer Surgery and Allied Healthcare Professionals Benefit from Patient Information in the form of a DVD
R. Wotton, A. Bradley, K. Parker, E. Bishay, M. Kalkat, P. Rajesh, R. Steyn, B. Naidu; Birmingham/UK

423 - Current Outcome of Oesophagectomy in the Very Elderly - Experience of a German High Volume Centre
M. Schweigert, N. Solymosi, A. Dubecz, M. Renz, D. Ofner, H. Stein; 1 Nuremberg/DE 2 Budapest/HU 3 Salzburg/AT

424 - Analysis of Conversions from VATS to Thoracotomy for Lung Cancer in a Unit with a High Resection Rate
S. Rehman, D. Rasnayake, R. Sayeed, E. Belcher, E. Black; Oxford/UK
425 - Prevention of Postoperative Hyperfibrinolysis: Aspects of Gender Specificity of Tranexamic Acid Dosage
T. Waldow, M. Szlapka, K. Ploetze, K. Matschke; Dresden/DE

426 - Pneumothorax Following the Nuss procedure: To Drain or not to Drain?
T. Tsitsias, R. Peters, S. Rathinam, G. Peek, D. Waller; Leicester/UK

427 - Congenital Tracheal Stenosis in Children: A Single Centre 10-year Experience
K. Ayoubi, J. Russell, L. Nölke; Dublin/IE

428 - Thoracoscopic Repair of Pectus Excavatum using Different Bar Stabilisers versus Surgical Repair
M. Muhammad; Al-madina Al-munawara/SA

429 - Trends of Cardiothoracic Trauma at a New Trauma Centre
P. Mhandu, S. Chaubay, C. Damant, M. Lamb, C. Jennings, M. Uzzaman, D. Robb, H. Khan, D. Whitaker; London/UK

430 - Continuous Infusion Analgesia in Thoracic Surgery (CIATS) Reduces Morphine usage in Patients who have Empyema and Undergo Open Decortication
P. Gupta, I. Santo Pereira, K. Lau, S. Rathinam; Leicester/UK

431 - Simulation of Crisis Management in Thoracic Emergencies
T. Tsitsias¹, R. Annamaneni¹, M. Molyneux², M. Kalkat³, S. Rathinam¹; ¹Leicester/UK; ²Bristol/UK; ³Birmingham/UK

432 - VATS Lobectomy: Factors Associated with Conversion to Thoracotomy
K.H. Yap¹, S. Sriskandarajah¹, M. Khanbhai¹, A. Nasir², S.Y. Soon¹, K. Rammohan¹, P. Krysiak¹, R. Shah¹; ¹Manchester/UK; ²Blackpool/UK

433 - Adrenalectomy for Isolated Metastasis from Operable Non-small Cell Lung Cancer
P. Sastry, A. Tocock, A. Coonar; Cambridge/UK

434 - Length of Nonoperative Treatment and Risk of Pleural Empyema in the Management of Pancreatitis Induced Pancreaticopleural Fistula
M. Schweigert¹, N. Solymosi², A. Dubecz¹, M. Renz³, D. Ofner³, H. Stein¹; ¹Nuremberg/DE; ²Budapest/HU; ³Salzburg/AT

435 - Thymectomy between Video-Assisted Thoracoscopic and Different Open Surgical Techniques
M. Muhammad, Al-Madina; Al-Munawara/SA

436 - Management of Patients Presenting with Concomitant Lung Cancer and Abdominal Aortic Aneurysm
M. Jadoon, M. Mydin, M. Hawari, J. Duffy, A. Majewski; Nottingham/UK

437 - Comparable 5-year Survival Rates Following Surgery for Primary or Secondary Lung Cancer
S. Fendius, A. Dhanji, A. Habib, W. Awad; London/UK

438 - Increased Prevalence of Cannabis Abuse in Patients Presenting for Pneumothorax Surgery
J. Nandi, S. Kolvekar; London/UK
TOPIC: MISCELLANEOUS

Database Managers Session

Mon, March 18, 2013
Meeting Room: 13:30 - 16:00
Moderation: R. Cosgriff; London/UK

13:30 - 13:35
310 - Introduction
R. Cosgriff; London/UK

13:35 - 13:55
NICOR update
R. Cosgriff; London/UK

13:55 - 14:05
A Patient Perspective
M. Fisher; Brighton/UK

14:05 - 14:15
Database Manager Case Study: James Cook Hospital
T. Smailes; Middlesbrough/UK

14:15 - 14:40
Workshop: Best Practice Sharing
R. Cosgriff; London/UK

14:40 - 15:05
Workshop: Problem Solving
R. Cosgriff; London/UK

15:05 - 15:05
Meeting Close
R. Cosgriff; London/UK

Patients Forum Meeting

Mon, March 18, 2013
Restaurant: 16:45 - 18:10
Moderation: M. Fisher; Brighton/UK

16:45 - 16:50
340 - Introduction
M. Fisher; Brighton/UK

16:50 - 17:10
The North West Support Group
D. Gregson

17:10 - 17:30
The West Midlands Support Group
K. Timmis

17:30 - 17:50
Brighton Take Heart Group
G. Sweeting

17:50 - 18:10
The Sussex Heart Charity
T. Ayres
List of Exhibitors

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<td>Mitsubishi Pharma Europe Ltd</td>
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<td>11 &amp; 12</td>
<td>Carefusion</td>
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<td>Chalice Medical Ltd</td>
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3M HEALTH CARE LTD

STAND 18

3M is committed to supporting healthcare professionals in preventing healthcare acquired infections, providing perioperative, patient warming and infection prevention solutions to support you in improving the quality, cost and outcomes of patient care.

Our portfolio of solutions for Cardiac Surgery, including 3M™ Ioban™ 2 Antimicrobial Incise Drapes, 3M™ Surgical Clipper with unique pivoting head, specialty cardiac drapes, patient warming solutions, and range of gowns, surgical masks and respirators, is designed to support you in effectively managing costs and reducing the risk of HCAIs.

Please visit us on the 3M STAND to find out more.

ABBOTT VASCULAR

STAND 30

Abbott Vascular, a division of Abbott, is a global leader in cardiac and vascular care with market-leading products and an industry-leading pipeline. Headquartered in Northern California, we are committed to advancing patient care by transforming the treatment of vascular disease through medical device innovations, investments in research and development, and physician training and education.

We offer cutting-edge devices for coronary artery disease, peripheral vascular disease, carotid artery disease and structural heart disease.

UK and Nordics
Abbott Laboratories Ltd
Abbott House
Vanwall Business Park
Vanwall Road
Maidenhead SL6 4XE
Website: www.abbottvascular.com

ADVANCIS SURGICAL

STAND 41

Hemosep is designed to recover blood spilled during open-heart surgery and concentrate the blood cells for transfusion back to the patient. The process reduces the volume of donor blood required and the problems associated with transfusion reaction. The device consists of a blood bag, which employs a chemical sponge technology and a mechanical agitator to concentrate blood sucked from the surgical site or drained from the heart-lung machine. The separated cells are then returned to the patient by intravenous transfusion.

Clinical trials carried out in the University of Kirikkale and the University Hospital in Ankara, Turkey, used Hemosep in over 100 open-heart surgery operations, the device significantly reduced the need for blood transfusions together with preservation of normal clotting mechanisms and a reduction in the inflammatory
reaction often encountered after such surgical procedures. Hemosep provides concentrate of all cell species, including the preservation of platelets, WBC, RBC & clotting residuals. It offers a rapid controllable concentration.

<table>
<thead>
<tr>
<th>Cell populations</th>
<th>Pre Surgery</th>
<th>Post HemoSep</th>
<th>%Change</th>
</tr>
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<tbody>
<tr>
<td>White Cell Count</td>
<td>6.71 +/- 0.63</td>
<td>13.8 +/- 1.9</td>
<td>105.6</td>
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<tr>
<td>Platelet Count</td>
<td>198636 +/- 31101</td>
<td>192650 +/- 34906</td>
<td>-3.4</td>
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<tr>
<td>Hematocrit</td>
<td>43.5 +/- 1.9</td>
<td>39.45 +/- 2.1</td>
<td>-9.3</td>
</tr>
<tr>
<td>Hemoglobin</td>
<td>12.14 +/- 1.51</td>
<td>12.83 +/- 0.85</td>
<td>5.6</td>
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B. BRAUN MEDICAL LTD

STANDS 27 & 28

For over 140 years Aesculap, part of B. Braun Medical Ltd, has been at the cutting edge of surgical instrument design and manufacture. The Aesculap brand is synonymous with producing high quality, precision instruments, used across all specialities within the operating theatre.

The B. Braun ethos of ‘Sharing Expertise’ extends to surgical instruments, many of which have been designed in conjunction with leading surgeons across the world.

Aesculap offer an extensive cardiovascular instrument portfolio including a wide range of high quality precision micro instruments. Available in both traditional stainless steel or lighter titanium, these are designed to provide the cardiac surgeon with delicate yet durable tools that modern surgical techniques demand.

As new surgical procedures evolve, Aesculap is at the forefront of developing innovative instrument solutions to meet these new demands. Our range of Minimum Invasive Valve Surgery Instrumentation is one such innovative result.

To discuss all of your instrumentation requirements, view and handle our extensive range of micro instruments or try your skills on our MIVS trainer, visit the B. Braun STAND at this year’s SCTS.

Websites:
www.bbraun.com
www.surgical-instruments.info
www.surgical-instruments.info

AXTER HEALTHCARE LTD

STAND 19

Surecall Baxter Medical Information
Tel no. 01635 206 345

Baxter Healthcare’s mission is to apply our expertise in medical devices, pharmaceuticals and biotechnology to make a meaningful difference in patients’ lives.

Baxter BioSurgery’s mission is to improve surgical practice by the development and use of novel biomaterials for hard and soft tissue repair.

Baxter BioSurgery are showing a number of products at this meeting - aimed at helping the surgeon to achieve haemostasis, support and seal tissue.

Baxter Healthcare Ltd
Wallingford Road
Compton
RG20 7QW
CALMEDICAL

STAND 9A
CalMedical Scotland Ltd is a distribution company offering new technologies to Cardiothoracic Surgeons in the UK. To introduce these techniques and products we are very focused on training and support as well as offering the highest possible quality and flexibility to service evolving surgical practice.

We are based in Lanark in Scotland and are the UK distributors for Biomet Inc (Sternal Fixation, Pectus Repair, Chest Wall Reconstruction), Cardiamed Ltd (Mechanical Valves), Gunze Ltd (Reinforcement for Lung Surgery), AutoTissue GmbH (Tissue Patches and Valves).

We look forward to seeing you on our STAND at the SCTS Meeting.

Contact Details:
Phone 0800 954 9212
Email: info@calmedical.co.uk
Web: www.calmedical.co.uk

CARDIAC ADVANCED LIFE SUPPORT COURSE

STAND 33
STOP PRESS: The CALS course is now an official European Resuscitation Council course. Not only do we teach the 2009 EACTS guidelines for the resuscitation of patients after cardiac surgery, but we are a part of the Resuscitation Council and our certificates will be officially recognised by all relevant authorities.

This highly innovative 2-day course teaches all aspects of the treatment of critically-ill patients post-cardiothoracic surgery. The course features lectures and a manual but the emphasis is on practical training. A mock-up ICU with manikins and theatre equipment is used for cardiac-arrest training, and for the critically-ill surgical patient, manikins with laptop-simulated monitors and one-to-one training is used. We also feature hands-on IABP training, tracheostomy, airway and pacing emergencies, CXR, ECG and blood gas interpretation.

This course is intended for both doctors and nursing staff interested or likely to be involved in the care of the critically ill patient. CICU and ward nurses, surgical assistants, nurse practitioners, SHOs and junior registrars have all benefited from attendance on our previous courses.

Dates for 2013: 11th-12th April Penrith, 5th to 6th June in St Georges, 28th to 29th Nov in Wythenshawe

Joel Dunning
www.joeldunning.co.uk
www.csu-als.com
The Old Rectory
Crosby Garrett
Kirkby Stephen
CA17 4PW
Website: www.csu-als.com
Tel: +447801548122

You can download the Full EACTS European Guideline for resuscitation here: http://dx.doi.org/10.1016/j.ejcts.2009.01.033
You can download the csu-als handbook at www.lulu.com/spotlight/cardiacsurgeryadvancedlifesupportcourse
You can also see us on youtube. Click on www.youtube.com/watch?v=PHgYZDgQJgc
And we have a discussion site on facebook here: www.facebook.com/group.php?gid=115765272129&ref=mf

CARDIOLOGIC LTD

STANDS 24 & 25
Cardiologic Ltd is proud to present the latest products developed by Atricure for Atrial Fibrillation surgery.
The Cosgrove-Gillinov Atriclip, launched in 2010 has been a popular device to close the LAA simply and safely. This year we are launching the third generation Atriclip, specially designed to make it even easier for open chest placement.
The new Ice Box cryoablation system will be on display, which when combined with the Cryo2 probe offers the Cardiac Surgeon the ultimate in user friendliness and clinical efficacy.
The complete range of Osypka temporary pacing wires and pacing boxes will also be on the STAND, including the new Triple Chamber pacing box.
Cardiologic Ltd.
Hillside House
Cowesby
Thirsk
North Yorkshire  YO7 2JL
UK
Tel:  +44 (0)1845 537 870
Fax:  +44 (0)1845 537 872
Website:  www.cardiologic.co.uk

Contact: Andrew Coane, Sales and Marketing Director
Mobile: 07870 255 758
Email: andrewcoane@cardiologic.co.uk

CAREFUSION

STANDS 11 & 12
At CareFusion, we underSTAND that infection prevention is the key to reducing healthcare associated infections (HCAIs).
We help our customers to measurably improve patient care by working in close partnership with hospitals to protect both your operating team and your patients through the provision of clinically proven infection prevention products.
Patient's skin dwelling bacteria are the major source of infections associated with medical and surgical invasive procedures. Normally ‘harmless’, these bacteria live in the top five cell layers of the skin and can enter the bloodstream whenever the integrity of the skin is breached, - for example in surgery.
Whilst hand washing and appropriate environmental cleaning are essential to the prevention of cross-contamination and limiting the spread of MRSA, the patient and their skin should not be left out of the prevention equation. Blood stream and surgical site infections remain a significant burden to the NHS, patients and their families. The use of all appropriate, evidence based measures to prevent the avoidable infections is paramount.
ChloraPrep® is the only licensed and evidence-based skin preparation system that meets the new Department of Health High Impact Intervention to prevent surgical site infection
CareFusion is committed to providing a safer environment for everyone.
To visit more please visit  www.chloraprep.co.uk
Site-Infection-FINAL.pdf.

CARDIO SOLUTIONS & ST. JUDE

STAND 3
Cardio Solutions is a UK based company dedicated to the supply and sales management of cardiothoracic equipment to the UK health market. Established in 2005, Cardio Solutions has continued to build on relationships within the medical industry to ensure the highest quality of service in the delivery of cardiothoracic equipment, education and support to surgeons, NHS Trusts and hospitals.

Our product portfolio encompasses some of the finest innovations in medical technology including; St Jude Heart Valves, Conduits, Mitral Repair Rings and the Epicor High Intensity Focused Ultrasound (HIFU) ablation device; Medical Concepts, Temporary Pacing Wires and Disposable Patient Cables; Cormatrix, ECM Technology to repair and remodel damaged cardiovascular tissue; A&E Medical, Aortic Punches, Sternal Wire including the Double Wire and their Temporary Pacing Wires; FLEXIGRIP- Nitinol Sternal Closure Clips from Praesidia S.r.l; Integueseal from Kimberly Clarke that helps reduce surgical site infection in all disciplines; TeDan Surgical Innovations Sternal Retractor; and our most recent additions are Estech, devices for MIS Surgery, Off-Pump Surgery and AF surgery which includes the Fusion 150 for STANDalone surgical AF; Wexler Surgical Instruments for Adult and Paediatric Cardiac Surgery, Thoracic and VATS.

For further information please contact Cardio Solutions on:
Tel: +44 (0)800 612 80 20
Fax: +44 (0)800 612 80 30
Email: customer.services@cardiosolutions.co.uk
Web: www.cardiosolutions.co.uk

CHALICE MEDICAL LTD

STAND 46
Chalice Medical Ltd was established in 1998 and is a UK based manufacturer and importer of medical equipment to support all patient ranges with acute cardiac and pulmonary dysfunction.

Based in Nottinghamshire, the Chalice headquarters house four class 7 cleanroom manufacturing facilities, the sales & marketing suites and the climate conditioned warehouse and distribution center.

We specialize in:
- ECMO & Short-Term VAD:
- CentriMag® & PediVAS® pumps from Thoratec®.
- Long-Term VAD
- HeartMate II® Implantable Left VAD from Thoratec®

Customised Tubing Packs & Adult Oxygenators:
The Paragon Oxygenator is manufactured at our headquarters in Nottinghamshire, and is the 1st and only oxygenator manufactured in the UK.

Tissue Oxygen Saturation Monitors:
Fore-Sight “Absolute” Cerebral Oximeter from Casmed.

CHALICE MEDICAL LTD
Woodland Court
Coach Crescent
Worksop
Nottinghamshire - S81 8AD
CHARTER KONTRON LIMITED

STAND 30A
Charter Kontron is an innovative provider of a comprehensive range of medical devices and solutions such as patient monitoring, haemodynamic and temperature management systems. Charter Kontron is committed to providing cutting edge, comprehensive patient care solutions, brought to the market by a client orientated culture, and supported by a passion for customer care. Our vision is driven by our continuous aim towards combining technological excellence with unsurpassed service and care. With this philosophy, our goal is to offer innovative and all-encompassing solutions, tailored to suit the changing needs of varying healthcare environments such as cardiovascular surgery. The nature of cardiac surgery significantly increases the likelihood of intraoperative hypothermia. The new Cardiac ThermoWrap is specially designed to respond to the demanding requirements of cardiac surgery and enables you to maintain patient temperature at true normothermia during surgery without interfering with the sterilised field.

By making it possible for the physician to reach the desired temperature set point, the Cardiac ThermoWrap has been proven more effective in temperature control than any other method available.

CLS SURGICAL

STAND 43A
CLS Surgical Ltd is proud to represent FEHLING INSTRUMENTS GmbH, manufacturers of superb micro-surgical instruments and retractor systems for both open and minimally-invasive cardiac surgery.

Please stop by the STAND to see the new MIDCAB and MICS-Valve Retractor and Instrumentation Sets which will be on display. When your patient needs remote (femoral or neck) cannulation, the Smartcanula offers significantly improved flow rates. There will be a working hydrodynamic model comparing the flow achieved through a self-expanding Smartcanula with that possible using a STANDard solid wall version inserted through the same size access. Please ask for a demonstration of the insertion technique and take a couple of minutes to learn how to insert a Smartcanula.

Chris Bond, Director
CLS Surgical Ltd
Coach House
The Green
Wallsend
Tyne and Wear  NE28 7PG
Tel:  +44 (0)191 263 4991
Fax:  +44 (0)191 295 0046
Website:  www.cls-surgical.com/  www.cls-surgical.com
Contact:  Director, Chris Bond BSc BA
Mobile:  07768 271 791
Covidien is proud to sponsor the Society of Cardiothoracic Surgery of Great Britain and Ireland meeting 2013. Covidien recognises the challenges faced in modern day surgery and we continue to develop innovative products and solutions in response to feedback from our consumers. We strive to improve our portfolio to enable consistent patient outcomes of surgery in Cardiac and Thoracic procedures. Covidien are honoured to partner with the Cardiothoracic surgical community in the development and promotion of best practices, and are proud to develop resources and education programmes. Please visit Covidien and be introduced to our new extended surgical solutions of Tri-Staple™ Technology, V-Loc™ Wound Closure Device, LigaSure™ Vessel Sealing devices and Sonicion™ Energy platform.

Covidien (UK) Commercial Ltd
4500 Parkway
Whiteley
Hampshire  PO15 7NY
Tel: +44 (0)1329 224 000
Fax: +44 (0)1329 224 400

Cryolife Europa Ltd. is a wholly owned subsidiary of CryoLife, Inc., the leader in the processing and distribution of implantable living human tissues for use in cardiovascular, and vascular surgeries. CryoLife deliver a full range of glues, sealants and haemostats, with advanced technologies for all bleeding applications.

- BioGlue® Surgical Adhesive is used as sealant, adhesive and for tissue reinforcement is clinically proven in over 800,000 procedures and 450 studies. BioGlue is available in 2ml, 5ml and 10ml sizes and a variety of tips so it can be applied in thin films and laparoscopically.
- PerClot®, the next generation haemostat, is an adjunctive haemostat for the control of surgical bleeding. PerClot is a natural plant based haemostat that is simple to use and effective. PerClot is available in 1g, 3g, and 5g sizes and with tip lengths for open, laparoscopic or robotic procedures.
- BioFoam® is a unique sealant haemostat, delivered as a liquid it rapidly expands to form a haemostatic foam that seals tissue and promotes cellular aggregation, for use on Cardiovascular and abdominal parenchymal tissue. BioFoam is available in 2ml, 5ml and 10ml sizes.
DENDRITE CLINICAL SYSTEMS LTD

STAND 22
Dendrite Clinical Systems is a specialist supplier of clinical databases, with >250 hospital installations and >110 national & international databases across 40 countries, the company has an unmatched client base and unrivalled experience.
In conjunction with the SCTS, Dendrite has developed the UK & Ireland National Thoracic Surgery Registry, the first national registry funded by the General Medical Council.
The company's sophisticated clinical outcomes database management system creates an environment in which the analysis and reporting of data becomes easy and clinically meaningful. The software allows clinical users with the ability to track time related clinical data for analysis of any medical or surgical procedure, all within a single software environment.
Please come and visit our exhibition STAND to register for the National Thoracic Surgery Registry and for a software demonstration.
Dendrite Clinical Systems Ltd
The Hub
Henley-on-Thames
Oxfordshire RG9 1AY
Tel: 01491 411 288
Fax: 01491 411 377
Email: info@e-dendrite.com
Website: www.e-dendrite.com
Head Office Contact: Dr Peter K H Walton, Managing Director

DEPUY SYNTHES

STAND 1
DePuy Synthes Companies of Johnson & Johnson is the largest, most comprehensive orthopaedic and neurological business in the world, built upon the strong legacies of two great companies.
DePuy Synthes Companies offer an unparalleled breadth and depth of technology, devices, services and programs in the areas of joint reconstruction, trauma, spine, sports medicine, neurological, cranio-maxillofacial, cardiothoracic, power tools and biomaterials.
Our broad array of inspired, innovative and high-quality offerings help advance the health and wellbeing of people around the world.

EDWARDS LIFESCIENCES UK & IRELAND

STAND 35
Since the first successful heart valve replacement with the Starr-Edwards™ Silastic Ball Valve more than 50 years ago, Edwards Lifesciences has been dedicated to providing innovative solutions for people fighting advanced cardiovascular disease, the world’s leading cause of death and disability.
Edwards Lifesciences is the global leader in the science of heart valves and hemodynamic monitoring. Driven by a passion to help patients, the company partners with clinicians to develop innovative technologies in the areas of structural heart disease and critical care monitoring that enable them to save and enhance lives.
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Please visit our website at www.edwards.com
ESCHMANN EQUIPMENT

STAND 24A
Established in 1830, Eschmann's expertise and superior quality equipment is trusted by medical professionals the world over. Eschmann Equipment are proud to be the exclusive distributor of Scanlan instruments in the UK.

Since 1921 Scanlan have been committed to the design and manufacture of the highest quality surgical instrumentation. A family business in its fourth generation, Scanlan is dedicated to providing the best products to medical professionals around the world; from individually hand crafted instrumentation to a range of unique single-use products.

Offering 3000 specialty instrument designs, these instruments are hand crafted with meticulous detail to meet the exacting needs of surgeons. This precision provides excellent tactile response allowing the instrument to become a virtual extension of the surgeon's hand.

Scanlan understands that surgical procedures continue to evolve with the advancement of techniques and technology. To support these ever changing needs, Scanlan offers custom modifications to all surgical instrumentation.

ETHICON LTD

STAND 1
ETHICON Products, part of the JOHNSON & JOHNSON Family of Companies is the worldwide leader in suture products and suture technology. ETHICON has a long history of innovation in providing products-including sutures, topical adhesives and wound drains, that enhance patient care.

Since its founding over 120 years ago, the Company has worked in partnership with clinicians, aligning our technological innovation to support the ever-evolving standards of surgery. We consider it our mission to be a valuable partner at every step of every CV surgical procedure.

Our tradition of innovation has resulted in introductions that include PROLENE® Polypropylene Sutures, BV-175 Series Needles, ETHIBOND® Excel Polyester Sutures and our new Plus Sutures that provide antibacterial protection to prevent bacterial colonisation on the suture. We also offer DERMABOND® ADVANCED Topical Skin Adhesive, providing comfortable, secure wound closure with a microbial barrier and excellent cosmetic results.

In 2012 ETHICON will launch EVERPOINT™ Cardiovascular Needles which are designed to deal which provide advanced penetration performance.

ETHICON Biosurgery has the most comprehensive range of Haemostasis Solutions and has continued to bring to market innovative technologies including EVICEL® fibrin sealant (Human), SURGIFLO® with Thrombin, SURGICEL® NU-KNIT® and SURGICEL® FIBRILLAR™ to the Topical Absorbable Haemostat sector.

With this broad range of products, ETHICON is present at every step of coronary artery bypass graft, valve, and closure procedures, from pericardial retraction to chest closure.

Ethicon Products
P.O. Box 1988
Simpson Parkway
Kirkton Campus
EUSA PHARMA

STAND 44
EUSA Pharma is a rapidly growing transatlantic specialty pharmaceutical company focused on oncology, pain control and critical care. The company has three products which it currently markets in the UK:
Collatamp® EG: an antibiotic surgical implant for the treatment and prevention of post-surgical infection. Prevent and treat surgical site infections with Collatamp. In the LOGIP trial, the risk of sternal wound infection is halved with Collatamp1.
Erwinase®; in combination with other anti-neoplastic agents for the treatment of acute lymphoblastic leukaemia.
Caphosol®: as an adjunct to STANDard oral care for the prevention and treatment of oral mucositis caused by radiation and high dose cancer therapy
Contact Details:
EUSA Pharma,
Building 3, Gateway 1000,
Arlington Business Park, Whittle Way,
Stevenage,
Hertfordshire.
SG1 2FP.
Tel: 01438 740720
Fax: 01438 735740
www.eusapharma.com

GBUK HEALTHCARE

STAND 38
GBUK Healthcare exclusively offers the complete range of Redax chest drainage systems.
• “Redax” Chest Drains:
With innovative design aimed at containing dimensions and providing exceptional stability, Redax chest drains are available in both ‘wet’ and ‘dry’ versions including “Dune” - a totally dry system that auto-regulates and uses no water. Ready to use, straight from the box.
• “Mobile” Chest Drains:
The mobile chest drainage system utilises an advanced, lightweight, portable vacuum unit. The rechargeable vacuum pump simply mounts on top of the chest drain unit. This allows early mobilization of patients - providing improved patient outcomes and shorter hospital stay.
• “Unico” Percutaneous Centesis Kit:
Unico is an innovative centesis kit designed for percutaneous fluid aspiration and pleural drainage. Ideal for the treatment of spontaneous and tension PNX, mediastinic and subcutaneous emphysema, and pericardiocentesis.
Unico is equipped with an extension line allowing patient management even lying down.
• “Kardia Spiral”:
Kardia Spiral is a new solution for cardio-thoracic drainage, and with patented spiral design works in every position - improving drainage and with no risk of clogging. Reducing pain and trauma for patients, and allowing early mobilisation.
G+N MEDICAL

STAND 23
G+N Medical, established in 1974, is a leading supplier of medical equipment and consumables to NHS hospital trusts. We specialise in innovative products which improve patient outcomes. ThorAcc® is an innovative, non-invasive device which assists in sternal closure after open sternotomy procedures. It has been developed to facilitate uniform alignment of the sternum, reduce incidence of mediastinitis and reduce critical care hospital stay time.

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Website: www.gandn.com

HEARTWARE INC

STAND 21
HeartWare, Inc. is developing a family of implantable mechanical circulatory support systems for the treatment of advanced heart failure. Through a cadence of progressively smaller devices implanted using less invasive techniques, HeartWare expects to treat an increasing proportion of heart failure patients and to access them at an earlier stage of their disease progression. HeartWare’s lead device, the HeartWare® Ventricular Assist System, incorporates state-of-the-art peripherals and features the only full-output pump designed to be implanted less invasively in the pericardial space. The HeartWare® System has CE-Mark approval and is currently the subject of a 150-patient US IDE clinical trial.

www.Heartware.com

JENAVALVE TECHNOLOGY

STAND 36
JenaValveTM Technology is an innovativ medical device company focused on developing transcatheter valve implantation systems to treat patients suffering from aortic valve disease. The company develops both transapical and transfemoral TAVI systems to address the needs of the cardiac surgeon and cardiologist, respectively. The company’s products are currently targeted at high-risk patients unsuitable for open heart surgery. JenaValve Technology’s headquarters are in Munich, Germany. Additional company information is available at www.jenavalve.com

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LEMONCHASE

STAND 14
Lemonchase are the exclusive UK distributors of Designs for Vision loupes. Designs for Vision are the number one choice for surgeons worldwide (indeed, they are the choice of over 95% of surgeons in the US and UK).
Whether you are contemplating first pair or would like advice on any changes to your current pair, Nick Lemon & Mark Chase would be delighted to see you at their STAND where they are also demonstrating Designs for Vision’s outSTANDing range of Lithium Ion, Battery powered lights, for up to 12 hours of continual use.
Please contact 01892 752305 or website: www.lemonchase.com
Email: info@lemonchase.com

LSI SOLUTIONS

STAND 37
COR-KNOT® delivers instant security with automated knotting and integrated suture trimming in one easy step. COR-KNOT® may reduce cardiopulmonary bypass and cross-clamp time in your OR. Visit LSI SOLUTIONS® at booth 37 to learn more about the COR-KNOT® device and how you can use it in your next cardiothoracic surgical procedure.

MEDELA

STAND 10
Medela Healthcare has been making Vacuum Technology for Healthcare professionals for over 50 years.
Our digital chest drain, Thopaz sets new STANDards in thoracic drainage therapy: The compact system provides regulated negative pressure close to the patient’s chest, based on the patient’s air leak. Set-up and handling of Thopaz is very easy with well-designed accessories adding even more comfort to the lightweight system.
Thopaz offers a progressive, innovative therapy that allows physicians and nursing staff to monitor air leaks objectively, aiding them to make timely, objective decisions in chest tube management.
Medela Healthcare offers a range of innovative and unique design medical vacuum pumps and consumables for various application areas.
www.medela.co.uk
Customer Service Team Tel No. 0161 7760400

MAQUET

STAND 4
MAQUET will be showcasing a number of exciting products on our STAND this year. CARDIOHELP, Maquet’s latest technology in ECLS is a versatile and compact solution for the most critically ill patients. With the ability to perform both VV and VA ECMO, low flow CO2 removal and VAD, CARDIOHELP represents the future in ECLS, to add to this it is the only system approved for transportation for Adult and Paediatric patients.
From our Cardiac Surgery division we have HEMOPRO 2, our latest version of the much trusted EVH system. With more safety features and greater ease of use you can be sure of conduit quality with MAQUET. Our Cardiac Assist division unveils the new CARDIOSAVE Intra-aortic balloon pump. It’s more than a pump, it’s a revolution. We welcome the Critical Care division to the STAND this year who
are proud to launch their new Anaesthesia Machine, FLOW-i. The modular FLOW-i is a flexible, adaptable and upgradeable system that represents the next step in OR ventilation with the most powerful ventilator on the market. It includes new technology in the form of the “volume reflector” which eliminates the need for bellows and the fear of leakage. Add injection vaporizers and a fully software driven flexible platform coupled with Maquet’s renowned build quality and it is clearly a very special machine. For further information and demonstrations please visit our stand. Maquet Ltd 14-15 Burford Way Boldon Business Park Sunderland Tyne and Wear NE35 9PZ Tel: +44 (0)191 519 6200 Fax: +44 (0)191 519 6201 Email: info@maquet.co.uk Website: www.maquet.co.uk

MEDISTIM ASA

STAND 20
Medistim is the innovator and market leader within intra-operative transit time flow measurement (TTFM) and ultrasound imaging. We develop, manufacture and bring to market the quality assessment systems VeriQ and VeriQ C for cardiac, vascular and transplant surgery. Our TTFM technology became part of the ESC/EACTS guidelines on myocardial revascularization in 2010, and in 2011 our VeriQ TTFM system was recommended by the National Institute for Health and Clinical Excellence (NICE) for routine use within the UK national health system (NHS)

MEDTRONIC LTD

STAND 6
Find Opportunity in Change and consider Medtronic’s intuitive solutions in Structural Heart and Aortic Diseases including: tissue, mechanical and transcatheter valves; irrigated RF and cryo surgical ablation devices; aortic stent graft systems and OPCAB, MICS CABG, cannulae and perfusion products. Please visit us on STAND 6 where the team will be happy to discuss our comprehensive range of products, including our innovative 3f Enable® Sutureless Prosthetic Tissue Heart Valve; designed for the less invasive and minimally invasive procedures to take advantage of procedural innovations, and with proven hemodynamics and durability based on the same tubular leaflet structure of the 3f® Aortic Bioprosthesis. Medtronic are pleased to provide a free patient-education app for cardiac surgeons and cardiologists, available from iTunes®! An intuitive, interactive app; designed to simplify and support the complex judgement calls physicians make every day. The app provides heart valve resources to simplify:
• Patient education
• Treatment consideration
• Collaboration with peers

Why not take a look and download using the following link: www.seizesimplicity.com/
MITSUBISHI PHARMA EUROPE LTD

STAND 32
Mitsubishi Pharma Europe is the European Headquarters of one of Japan’s largest pharmaceutical companies, Mitsubishi Tanabe Pharma Corporation.
Based in London, Mitsubishi Pharma Europe is engaged in the clinical development of new drugs for the European markets. Mitsubishi Pharma Europe is conducting trials in Europe in the following therapy areas; cardiovascular, diabetes and renal conditions. The staff include regulatory, QA, clinical, biostatistics, medical information, pharmacovigilance, pharmaceutical technology and marketing.
London address:
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Dashwood House,
69 Old Broad Street
London
EC2M 1QS
Tel: 020 7065 5000.
Fax: 020 7065 5050.
Email: information@mitsubishi-pharma.eu.
www.mitsubishi-pharma.eu

PIERSON SURGICAL

STAND 16
Pierson Surgical Ltd is a specialist surgical products distributor, our current product range for Cardiac Surgery includes:
BioIntegral Surgical No-React® Valves and Patches. No-React® is a proprietary detoxification of glutaraldehyde-treated tissue which ensures excellent device longevity through: enhanced biocompatibility, lower rates of infection, no calcification and the promotion of endothelial lining. The BioConduit is now fully CE Approved and is the world’s only all-biological valved conduit, comprising a porcine valve and bovine conduit. No-React® Porcine Pericardial Patches are available in a wide range of sizes.

- HaemoCer™ Powder Haemostat - a highly effective, safe, advanced polysaccharide powder that rapidly accelerates natural clotting and forms a thick gel matrix over the site of the bleeding. 100% plant based, it is completely reabsorbed by the body within 48 hours. Ideal for all Cardiothoracic surgery including sternal haemostasis.
- LeGoo Vessel Occlusion Gel - a unique product which enables atraumatic, clampless surgery. LeGoo™ is a water-soluble, low-viscosity gel which forms a gel plug at body temperature and is dissolved by applying ice directly to the vessel. Allows the creation of a superior bloodfree field without the use of any clamps for coronary bypass grafts, via Off-Pump (Beating Heart) or On-Pump CABG.
• Delacroix-Chevalier Surgical Instruments - made to the highest STANDards of design and craftsmanship to provide the very best instruments available. As well as precision Micro instruments, we offer Minimally Invasive instruments for Cardiac Valve Surgery and a new range for Video Assisted and Thoracoscopic major pulmonary procedures.

• Péters Surgical Sutures - a specialist range of sutures for Cardiac surgery, including Cardionyl® for Mitral Valve Repair and Corolene® which has very low memory, ideal for Coronary grafts.

Contact us on:
01225 766632 or sales@piersonsurgical.com
Website: www.piersonsurgical.com
Fax: 07092 315510

PULMONX

STAND 9
Pulmonx, based in Redwood City, CA, and Peseux, Switzerland, is focused on developing and marketing minimally invasive medical devices and technologies for the diagnosis and treatment of pulmonary disorders. The Chartis System and Zephyr EBV are the first diagnostic and therapeutic solution to the problem of emphysema-induced hyperinflation. The Pulmonx Zephyr EBV and Chartis System are the subject of numerous peer-reviewed studies, and the Zephyr EBV has already been used to treat thousands of patients worldwide.

www.pulmonx.com
The Zephyr EBV is an investigational device in the United States. Limited by U.S. law to investigational use. The Chartis System is for use/sale outside the United States only.

PULSE SURGICAL LTD

STAND 13
Pulse Surgical are delighted to be a sponsor and exhibitor at this year’s SCTS meeting. On our STAND we will be displaying our full range of chest wall repair products from Medxpert including the Stratos System. During the meeting, international users of the Medxpert Stratos and Pectus products will be present at the STAND to discuss how they approach chest wall reconstruction and rib fracture stabilisation using Stratos and Stracos rib clips. We look forward to seeing you during the meeting.

Pulse Surgical
42 Kingfisher Court
Hambridge Road
Newbury
Berks
RG14 5SJ

R&D SURGICAL LTD

STAND 15
R&D Surgical serve the cardiothoracic community with innovative products which include

• Xenosys headlight offering freedom and convenience at only 30 grams weight

• A full range of Xenosys custom surgical loupes.

• Flowmeter for the intraoperative measurement of coronary flow
• Technologically advanced Mitral ring that is adjustable non-invasively after implantation
• Cosgrove retractor. The original made in USA not a cheap copy
• Svensson suture organiser
• Vectec thoracic trocar designed for safety
In addition to a range of consumables that provide cost savings without compromise on quality.

Email: sales@randdsurgical.com
Tel: +44 (0)7975 696541
www.randdsurgical.com

ROCKET MEDICAL

STAND 36a
Rocket Medical - UK design and manufacturers of Thoracic Drainage solutions. UK Market leaders in chest drainage bottles Come and meet us on STAND 36a about some of our exciting developments and plans.
Indwelling Pleural Catheters - Rocket offer a cost saving on drainage bottles over other key suppliers of similar products by having all the bottles and accessories available on prescription, educational support and out of hours Telephone help line are offered amongst many of our
Beverley Davis
Email: Beverley@rocketmedical.com
Mob: 07971541316

SIGMACON

STAND 17
Sigmacon UK are a Surgical Distributor established 34 years ago to serve the growing needs of the NHS and Private Sector across the United Kingdom and Ireland. Sigmacon represent Integra Luxtec Surgical Headlights and Lumenis Lasers. Integra Luxtec are the Market Leaders in Surgical Headlights with unrivalled levels of comfort and light quality.
Integra Luxtec offer the DLX Headlight Video Camera which enables the Surgeon to show a point of view video during live surgery aiding the Theatre team and additionally being a useful education tool. Also available is the Integra LED Headlight a portable System yet producing light comparable to a Xenon System.
This year we will be introducing at the SCTS the Lumenis AcuPulse WG CO2 Laser System. With its flexible fibre laser delivery system, you can have the precision and benefits of a CO2 Laser in areas previously not accessible.

SORIN GROUP

STAND 2
Sorin Group (www.sorin.com) is a global, medical device company and a leader in the treatment of cardiovascular diseases. The Company develops, manufactures, and markets medical technologies for cardiac surgery and for the treatment of cardiac rhythm disorders. With 3,750 employees worldwide, Sorin Group focuses on three major therapeutic areas: cardiopulmonary bypass (extracorporeal circulation and autotransfusion systems), cardiac rhythm management, and heart valve repair and replacement.
Every year, over one million patients are treated with Sorin Group devices in more than 80 countries.
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SURGICAL ACUITY UK

STAND 42
Superior Visualization™, the Synergy of Resolution and Field Width.
A leader in designing and selling innovative and advanced surgical loupes for over twenty years, Surgical Acuity is in the business of delivering Superior Visualization™
World class service and unquestioned quality are top priorities with Surgical Acuity’s United Kingdom Loupe Specialists, with an expertise in Cardiothoracic Surgery. Why not take advantage of our special meeting offers, no obligation measuring service, on STAND 42, with our experienced Magnification Specialists Chris Minall and Michael Reichel:
Surgical Acuity 01733 352865
Email: surgicalacuityuk@surgicalacuity.com
“A progressive company creating quality products that represent better ideas”
Surgical Acuity
4 Flag Business Exchange
Vicarage Farm Rd
Peterborough PE1 5TX
www.orascoptic.com/uk

TELEFLEX

STANDS 39 & 40
Teleflex is a global provider of medical devices used in critical care and surgery. We serve healthcare providers in more than 130 countries with specialty devices for vascular access, general and regional anaesthesia, urology, respiratory care, cardiac care, and surgery. Teleflex also provides products and services for device manufacturers.
• SUPPORT FOR HOSPITALS
Committed to partnering with healthcare providers in anaesthesiology, critical care, urology, surgical and cardiac care applications, we aim to offer the optimum solution for any requirement.
• SUPPORT FOR PATIENTS
Teleflex is dedicated to providing products and services that save lives, reduce costs and deliver superior patient outcomes by reducing infections, enabling less invasive procedures and improving patient safety and comfort.
• SUPPORT FOR CLINICIANS
As your partner in healthcare, we provide high quality services, products and programmes. From custom-configured kits to product evaluation.
• CARDIAC CARE
The Cardiac Assist division engineers, develops, manufactures, sells and supports technologically advanced left heart products for critically ill cardiac patients. Additionally, the Cardiac group manages and sells a line of right heart catheters as well as angiographic diagnostic catheters and cath lab focused kink-resistant sheath products
Significant advances in arch and thoracic aorta repair are rare, however Thoraflex™ Hybrid the Word’s First multi-branched “Frozen Elephant Trunk” prosthesis, is an exception. Thoraflex™ Hybrid is indicated for repair of aneurysm and/or dissection of the ascending thoracic aorta, arch and descending thoracic aorta.

The device consists of a gelatin sealed woven proximal Gelweave 4 branched Plexus graft pre-sewn to a thin wall woven sealed distal stent graft. The device is provided compacted within a short and malleable delivery system. This maximises visualisation of the operating field during deployment and allows the sheath to be shaped to suit varying patient anatomies. The graft side branches allow arterial cannulation, individual arch vessel reconstruction and have the potential to reduce ischaemia times. The distal “Siena” collar simplifies the anastomosis to the distal aorta.

The stents are of a multiple independent ring stent design allowing excellent anatomical conformability. Additional radiopaque markers aid in vivo visualisation. Differential graft to stent diameters cater for variable proximal and distal aortic anatomies; an important consideration for such procedures.

Combining the Frozen Elephant Trunk procedure, with a four branched arch graft, substantially increases the solutions available to the surgeon in the treatment of complex aortic arch disease. Please visit Vascutek’s booth (Number 43) where Stentless BioValsalva™, aspire™, elan™ and OnX valves as well as our full range of Gelweave™ cardiothoracic grafts will be on display.

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www.vascutek.com

UK MEDICAL

UK Medical is the UK supplier of the PleurX catheter for the home management of recurrent pleural effusion. PleurX can be an excellent option for patients with trapped lung and those that have failed talc pleurodesis. Furthermore, PleurX is also indicated as a first line alternative to talc slurry or thoracoscopic talc insufflation, giving patients a new choice on how to manage their condition.

UK Medical is committed to providing the highest level of hospital and community training on how to use the PleurX system safely and effectively. Our support, combined with over forty published clinical papers justifying its use, makes PleurX an evidence-based option that you can offer your patients with confidence.
WISEPRESS ONLINE BOOKSHOP LTD

STANDS 7 & 8
Wisepress.com, Europe’s leading conference bookseller, has a complete range of books and journals relevant to the themes of the meeting. Books can be purchased at the STAND or, if you would rather not carry them, posted to you - Wisepress will deliver worldwide. In addition to attending 200 conferences per year, Wisepress has a comprehensive medical and scientific bookshop online with great offers.

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