

SOCIETY FOR  
CARDIOTHORACIC SURGERY  
IN GREAT BRITAIN AND IRELAND



# ANNUAL MEETING

## PROGRAMME

THE BRIGHTON CENTRE

17TH MARCH 2013

SCTS UNIVERSITY

18TH - 19TH MARCH 2013

ANNUAL MEETING

[WWW.SCTS.ORG](http://WWW.SCTS.ORG)



2013

BRIGHTON



The Society for Cardiothoracic Surgery  
in Great Britain and Ireland

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

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## 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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# International Speakers

## 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

## National Speakers

### **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

Ad here

**Dr David Hildick-Smith**

Cardiology Department,  
Brighton and Sussex University  
Hospitals

**Mr Stuart James**

Consultant Plastic Surgeon  
The Royal Marsden Hospital

**Anke Karl**

Senior Lecturer in Psychology  
University of Exeter

**Nazish Khan**

Chief Cardiac Pharmacist  
New Cross Hospital,  
Wolverhampton

**Wendy Lewis**

National Improvement Lead  
for Enhanced Recovery  
London

**Dr Guy MacGowan**

Consultant Cardiologist  
Freeman Hospital, Newcastle

**Dr Joe Maguire**

Consultant Oncologist  
Clatterbridge Centre for  
Oncology

**Professor Surgeon****Captain Mark Midwinter**

Defence Professor of Surgery  
Royal Navy and University  
Hospital Birmingham

**Dr Mike Norrel**

Consultant Cardiologist  
The Royal Wolverhampton NHS  
Trust

**Dr Tessa Oelofse**

Consultant Anaesthetist and  
Intensivist  
Queen Elizabeth Hospital  
Birmingham

**Dr Jayan Parameshwar**

Consultant Cardiologist  
Papworth Hospital, Cambridge

**Dr Susanna Price**

Consultant Cardiologist and  
Intensivist  
Royal Brompton Hospital,  
London

**Dr Neil Rasburn**

Consultant Anaesthetist  
University Hospitals Bristol

**Dr Kevin Roman**

Consultant Cardiologist  
Southampton

**Cathy MacDonald**

Medical Science Liaison Officer  
AstraZeneca

**Andrea Spyropoulos**

President of the Royal College  
of Nursing  
London

**Mr David Talbot**

Consultant Transplant Surgeon  
Freeman Hospital, Newcastle  
Upon Tyne

**Brian Toft OBE**

Professor in the Department of  
Patient Safety  
Coventry University

**Dr Paul Walker**

Lung Cancer Lead  
Aintree Hospital, Liverpool

**Gerry Webb**

Clinical Perfusion Science  
Department  
Derriford Hospital, Plymouth

**Andy Wolf**

Professor of Anaesthesia  
Bristol Heart Institute



# General Information

The 2013 SCTS University, Annual Meeting & Cardiothoracic Forum is at the Brighton Centre from Sunday 17th March - Tuesday 19th March 2013

## 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 of by the organisation team.

## **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

# Committees

## SCTS Executive Committee 2012–2013

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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

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Steve	Livesey	Chairman of the SAC
John	Smith	Chairman of Inter-Collegiate Board
Sion	Barnard	Cardiothoracic Dean
Michael	Lewis	Cardiothoracic Tutor
Richard	Page	
Jim	McGuigan	Thoracic Audit
Hussein	El-Shafei	Aberdeen Royal Infirmary
Prem	Venugopal	Alder Hey Childrens' Hospital
Tim	Jones	Birmingham Childrens' Hospital
Pala	Rajesh	
Richard	Steyn	Birmingham Heartlands Hospital
Franco	Sogliani	Blackpool Victoria Hospital
Franco	Ciulli	Bristol Royal Infirmary
Mike	Cowen	Castle Hill Hospital

Vacancy		Cork University Hospital
Clinton	Lloyd	Derriford Hospital
Ted	Brackenbury	Edinburgh Royal Infirmary
Inderpal	Birdi	Essex Cardiothoracic Centre
Sion	Barnard	Freeman Hospital
Sri	Rathinam	Glenfield Hospital
Geoff	Berg	Golden Jubilee National Hospital
Victor	Tsang	Great Ormond Street
Chris	Blauth	Guy's and St Thomas' Hospital
Juliet	King	Guy's Hospital
Fabio	De Robertis	Harefield Hospital
Andrew	Goodwin	James Cook University Hospital
Rana	Sayed	John Radcliffe Hospital
Jatin	Desai	King's College Hospital
David	O'Regan	Leeds General Infirmary
John	Chalmers	Liverpool Heart & Lung Hospital
Graham	Venn	London Bridge Hospital
Ragheb	Hasan	Manchester Heart Centre
Karen	Redmond	Mater Misericordiae Hospital
Aprim	Youhana	Morrison Hospital
Adrian	Levine	N. Staffordshire Royal Infirmary
Moninder	Bhabra	New Cross Hospital, Wolverhampton
David	Hopkinson	Northern General Hospital
David	Richens	Nottingham City Hospital (Cardiac)
John	Duffy	Nottingham City Hospital (Thoracic)
David	Jenkins	Papworth Hospital
Simon	Jordan	Royal Brompton Hospital
Jim	McGuigan	
J Mark	Jones	Royal Victoria Hospital
Cliff	Barlow	Southampton General Hospital
Kulvinder	Lall	St Bartholomew's Hospital
Robin	Kanagasabay	St George's Hospital
Eilis	McGovern	St James' Hospital, Dublin
Andrew	Chukwuemeka	Hammersmith Hospital
Shyam	Kolvekar	The Heart Hospital
Uday	Trivedi	The Royal Sussex County Hospital
Domenico	Pagano	University Hospital of Birmingham
Dheeraj	Mehta	University Hospital Wales
Sunil	Bhudia	Walsgrave Hospital
Rajesh	Shah	Wythenshawe Hospital
Alistair	Marshall	ACSA Representative

## Committee Chairs

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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 <i>From March 2013</i> Mr Simon Kendall / Mr David Waller	Thoracic Sub-Committee	2010 – continuing
Mr James Roxburgh Mr Andrew McLean	Congenital Sub-Committee	2011 –
Mr Tim Graham	Cardiac Sub-Committee	2012

## Working Group Chairs

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

## Programme Committee 2013 Meeting

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### 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

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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
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Congenital: Mr Andrew Parry (lead)  
Mr Andrew McLean  
Mr Babulal Sethia  
Mr Prem Venugopal

Adult Cardiac Scientific: Dr David Chambers (lead)  
Mr David Jenkins  
Mr Clinton Lloyd  
Mr Gavin Murphy  
Mr Alex Shipolini

Thoracic: Mr Sion Barnard (lead)  
Mr John Edwards  
Mr Ian Hunt  
Mr Rajesh Shah  
Mr David Waller

Advanced Heart & Lung Failure Surgery:  
Mr Steve Clark (lead)  
Mr Jorge Mascaro  
Ms Karen Redmond  
Mr Steve Tsui  
Mr Nizar Yonan

Cardiothoracic Forum: Mrs Christina Bannister  
Ms Tara Bartley  
Mr Calum Buchanan  
Mr Alastair Marshall  
Ms Helen Munday

## Specialist Advisory Committee in Cardiothoracic Surgery 2012–2013

(A Sub-committee of the Joint Committee for Surgical Training)

<i>Name</i>	<i>Representing</i>	<i>Tenure</i>
Steve Livesey	Chairman & SCTSGBI representative	2010 – 2013
Jon Anderson	Joint College representative	2008 – 2013
Sion Barnard	Specialty Dean of SCTS & SCTSGBI representative	2007 – 2014
David Barron	SCTSGBI representative & Congenital Surgery rep	2007 – 2013
Steve Hunter	National Recruitment Officer	2004 – 2013
Jonathan Hyde	Joint College representative	2009 – 2014
Simon Kendall	SCTSGBI representative	2011 – 2016
Alan Kirk	Joint College representative	2008 – 2013
Michael Lewis	Intercollegiate specialty tutor & MRCS representative/lead Simulation Lead (co-opted member)	2010 – 2015
David McCormack	Trainee representative (junior)	2012 –
Chris Munsch	SCTSGBI representative Education Secretary SCTS	2012 – 2017

Mick Murphy	Trainee representative (senior)	2012 –
Peter O’Keefe	Joint College representative	2009 –2014
Domenico Pagano	Academic Selection (co-opted member)	2009 – 2013
John Pepper	SCTSGBI representative	2007 – 2012
Simon Plint	Lead Dean	2011 – 2012
Mark Redmond	Joint College representative (Republic of Ireland)	2011 – 2016
Steve Rooney	SCTSGBI representative	2011 – 2016
Rajesh Shah	SCTSGBI representative	2012 – 2017
John Smith	ISB Chairman	2010 – 2013
Geoff Tsang	Joint College representative	2011 – 2016
Jonathan Unsworth-White	SCTSGBI representative	2009 – 2014

## Intercollegiate Board in Cardiothoracic Surgery 2012–2013

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John Smith	Chairman	6/2010 – 5/2013
Mr Mike Lewis	Representative of the Society for Cardiothoracic Surgery	4/2012 – 3/2017
Steve Livesey	Chairman SAC in Cardiothoracic Surgery	1/2011 – 12/2013
Mark Jones	Representative of the Royal College of Surgeons of England	6/2012 – 5/2017
Vincent Young	Representative of the Royal College of Surgeons in Ireland	8/2008 – 7/2013
Clifford Barlow	Representative of the Royal College of Physicians and Surgeons of Glasgow	4/2012 – 3/2017
Jim McGuigan	Representative of the Royal College of Surgeons of Edinburgh	12/2012 – 11/2017
Sion Barnard	Representative of the Society for Cardiothoracic Surgery	9/2009 – 1/2015



## Society Representatives on Other Bodies

<i>Organisation</i>	<i>Representative</i>	<i>Tenure (Inclusive)</i>
Senate and Federation of Surgical Specialist Associations	James Roxburgh/ David Taggart	2010 – 2012
Council of the Royal College of Surgeons of England	James Roxburgh/ David Taggart	2010 – 2012
Surgical Sub-Committee of the Central Consultants and Specialists Committee	James Roxburgh/ David Taggart	2008 – 2010
Expert Group for Cardiac Surgery at NCEPOD	Steve Livesey / James Roxburgh	Not defined
Council of the College of Clinical Perfusion Scientists of GB & Ireland	Tim Jones / David Jenkins	2009 –
British Standards Authority	Chandi Ratnatunga	Not defined
Medical Devices Agency (MHRA)	Steve Hunter	Not defined
Outpatient HRG Group	Ben Bridgewater	For duration of project
Strategic Group for National Heart Valve Contracts	Steve Livesey	Not defined
Professional Standards and Peer Review Committee (British Cardiac Society)	Graham Cooper	2008 – 2013
Childrens' Surgical Forum	Andrew Parry	2007 –
Joint Advisory Group for Upper GI Endoscopy (JAG)	Jim McGuigan	2004 – 2011
RCSE Specialty Advisory Board	Graham Cooper	TBC
TEARS	Chris Blauth	Not defined

<i>Organisation</i>	<i>Representative</i>	<i>Tenure (Inclusive)</i>
Intercollegiate Lung Cancer Group (LUCADA data project)	Richard Berrisford (William Fountain)	2001 –
Tripartite Group (Dept of Health, Healthcare Commission and SCTS)	Ben Bridgewater/ James Roxburgh	Undetermined
Angioplasty Guidelines and Practice Sub-committee of the BCS	Graham Venn	undetermined
Specialist Adviser to NICE Academic Research Board	Graham Venn	2011 –
Royal College of Surgeons of England	Domenico Pagano	2007 –
UEMS	John Duffy (thoracic) Neil Moat (cardiac)	2008 –
BMA Consultants Committee (CCSC)	Marjan Jahangiri	
BTS (Lung Cancer Guidelines)	John Duffy Jim McGuigan Richard Berrisford Richard Page	
BTS (Recommendations on Air Travel and Lung Disease)	Edward Black	
Royal College of Surgeons in Ireland Vice President	Eilis McGovern	
Royal College of Surgeons in Ireland Member of Council	A E Wood	
Royal College of Surgeons of England Working Party on the International Role of the College	David Anderson	2009 –

<i>Organisation</i>	<i>Representative</i>	<i>Tenure (Inclusive)</i>
DoH Clinical Advisory Group Major Trauma Network 'Acute Care & Surgery' Subgroup	Andrew Cohen commencing	6-12 months Sept 2009
Healthcare for London Steering Group	Andrew Cohen – Sept 2010	Sept 2009
CORESS	Stephen Clark	2010 –
CCAD – Paediatric Representative	Andrew McLean	2010 –
TAVI Steering Committee	Neil Moat	2009 –

# List of Presidents

1934	Mr H Morrison Davies	1978	Mr R Abbey-Smith
1936	Mr J R H Roberts	1979	Mr R P Moore
1938	Mr A Tudor Edwards	1980	Mr J R Belcher
1945	Mr J B Hunter	1981	Mr M Bates
1947	Mr W M Anderson	1982	Mr J M Hill
1948	Mr R B Purse	1983	Mr J F Dark
1950	Mr A Graham Bryce	1984	Mr D N Ross
1952	Sir C Price Thomas	1985	Mr M Paneth
1954	Mr H Reid	1986	Mr M V Baimbridge
1956	Mr B Dick	1987	Sir K Ross
1958	Sir R Brock	1988	Professor W H Bain
1959	Mr G A Mason	1989	Mr W G Williams
1961	Sir T Holmes Sellors	1991	Professor D I Hamilton
1963	Mr R F J Henry	1992	Professor G H Smith
1964	Mr N R Barrett	1994	Mr B Ross
1966	Mr V C Thompson	1995	Mr J Bailey
1968	Mr P R Allison	1996	Professor H Matthews
1969	Mr A L d'Abreu	1997	Professor D Wheatley
1970	Mr A Logan	1999	Mr J Dussek
1971	Mr O S Tubbs	2000	Mr J Monro
1972	Mr F R Edwards	2002	Mr C Hilton
1973	Mr J L Collis	2004	Mr P Magee
1974	Mr R H R Belsey	2006	Professor Sir B Keogh
1975	Mr R S Barclay	2008	Mr L Hamilton
1976	Mr W P Cleland	2010	Professor D Taggart
1977	Mr H R S Harley	2011	Mr J Roxburgh

# 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 Internatinal 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

	8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00
David Geldard Meeting Room 1											
Auditorium		Mitral Valve Repair Surgery	Mitral Valve Repair Surgery	Contemporary Coronary Artery Revascularisation:	State of the Art Thoracic Aortic Aneurysm Surgery	Choosing the Optimal Valve Prosthesis	Mitral Valve Repair Surgery	Contemporary Coronary Artery Revascularisation:	Mitral Valve Repair Surgery		
Syndicate 1 & 2				A Masterclass in Aortic Regurgitation Surgery	Intraoperative Imaging in CABG Surgery:		A Masterclass in Aortic Regurgitation Surgery	A Masterclass in Aortic Regurgitation Surgery	A Masterclass in Aortic Regurgitation Surgery		
Syndicate 3&4				Thoracic Trauma			Minimally Invasive Thoracic Surgery	Minimally Invasive Thoracic Surgery	Minimally Invasive Thoracic Surgery		
Meeting Room 3				A Masterclass in Atrial Switch Surgery			Complex Congenital Outflow Reconstruction	Complex Congenital Outflow Reconstruction	Complex Congenital Outflow Reconstruction		
Meeting Room 9				Thoracic Surgery - Pushing the Boundaries		Advances in Interventional Management of Emphysema	Thoracic Surgery - Debates	Thoracic Surgery - Debates	Thoracic Surgery - Debates		
Meeting Room 10				Heart Failure Surgery		MitraClip - Its Role in Clinical Practice	Heart Failure Surgery	Heart Failure Surgery	Heart Failure Surgery		
Exhibition Hall										Welcome Reception	

# Monday 18 Mar Timetable

Time	16.00	17.00	18.00
8.00	ACSA/ CT Forum Symposium	Cardiothoracic Forum The Quality Agenda	Cardiothoracic Forum A Hands On Experience
9.00	Opening Plenary Session	UK Cardiac Surgical Activity	Annual Business Meeting
10.00	Adult Cardiac Scientific	Repeat Cardiac Surgery: Early and Late	Cardiac Surgical Movies
11.00	Pulse Symposium	Quality in Thoracic Surgery	Thoracic Surgical Movies
12.00	Breakfast Symposium	Morphology, Assessment and Surgery of Ebsteins Anomaly	Clinical Perfusion
13.00		Minimally Invasive Thoracic Surgery	Patients Forum Meeting
14.00		Paediatric ECMO	
15.00		Contemporary Management Strategies	
16.00		Database Managers Session	
17.00		Valve Guidelines in Clinical Practice	
18.00		Fixing Hearts & Protecting Minds	

David Geldard  
Meeting Room 1

Auditorium

Syndicate 1 & 2

Syndicate 3 & 4

Meeting Room 9

Meeting Room 3

Rooftop  
Restaurant

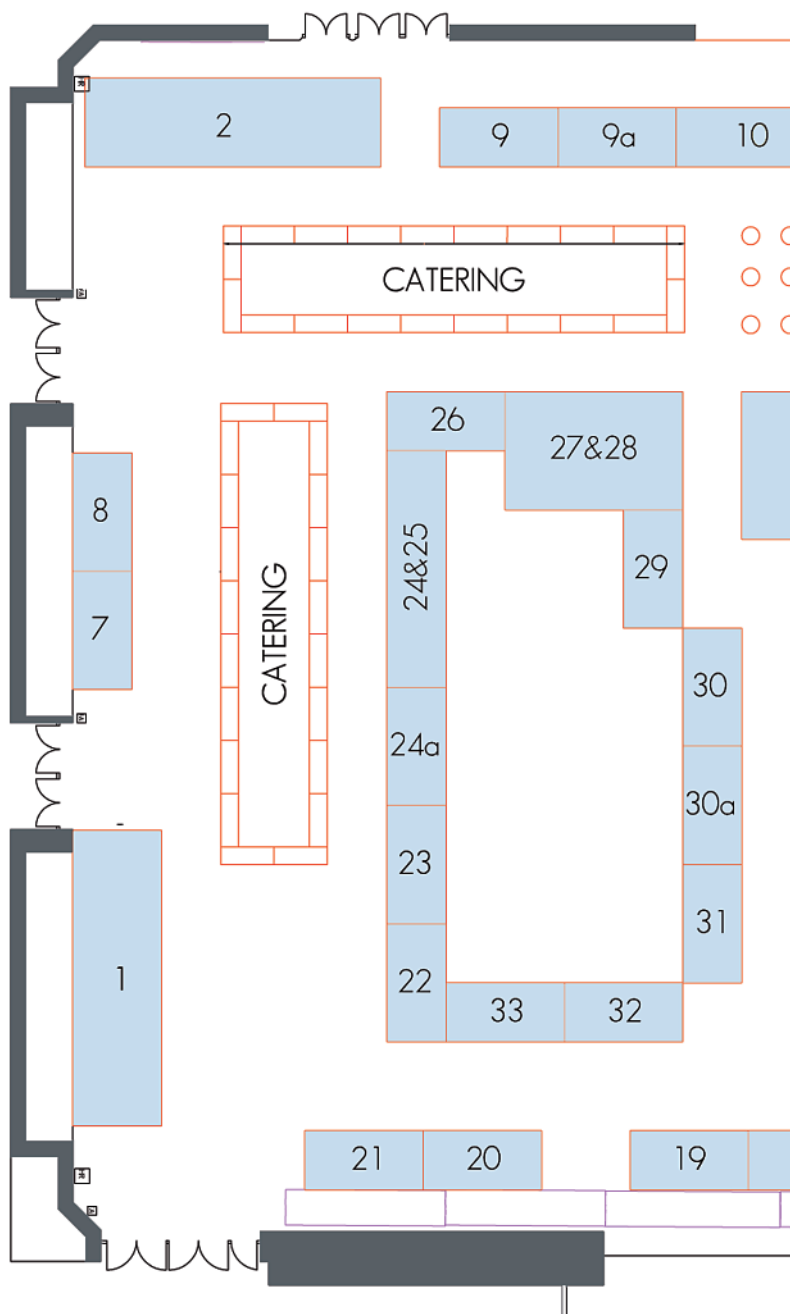
# Tuesday 19 Mar Timetable

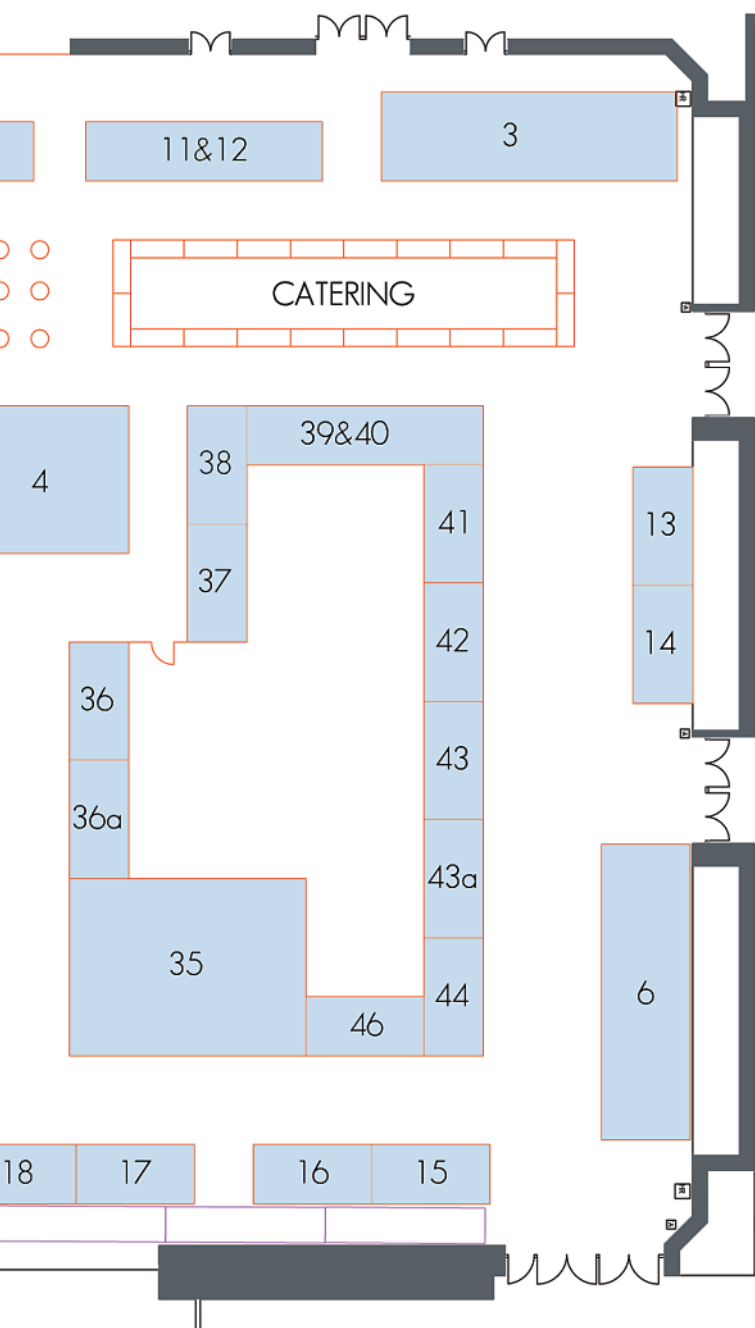
	8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00
David Geldard Meeting Room 1	Cardiothoracic Forum Thoracic Surgery	Cardiothoracic Forum Thoracic Surgery	Cardiothoracic Forum Cardiac Surgery	Cardiothoracic Forum Cardiac Surgery	Cardiothoracic Forum Advanced Clinical Practice	Cardiothoracic Forum Advanced Clinical Practice	Cardiothoracic Forum Advanced Clinical Practice	Cardiothoracic Forum	Cardiac Surgical Posters	Cardiac Surgical Posters	
Auditorium	Bleeding Symposium	Rhythm and the Mitral Valve	Aortic Valve Surgery: The Present and the Future	Aortic Valve Surgery: The Present and the Future	The Fundamental Changes in the New NHS	The Fundamental Changes in the New NHS	The Fundamental Changes in the New NHS	Cardiothoracic Trauma Forum			
Syndicate 1 & 2	TAVI Surgery	TAVI Surgery	Coronary Artery Revascularisation Symposium	Coronary Artery Revascularisation Symposium	Clinical Aortic Surgery	Clinical Aortic Surgery	Clinical Aortic Surgery	Clinical Aortic Surgery	Board of Representatives	Board of Representatives	
Syndicate 3 & 4	Thoracic Surgical Neoplasia	Thoracic Surgical Neoplasia	Contemporary Thoracic Surgical Practice	Contemporary Thoracic Surgical Practice					Thoracic Surgical Posters	Thoracic Surgical Posters	
Meeting Room 9	Advanced Heart Failure Surgery	Advanced Heart Failure Surgery	Advanced Lung Failure Surgery	Advanced Lung Failure Surgery							
Meeting Room 10	Adult Cardiac Scientific: Cellular Biology	Adult Cardiac Scientific: Aortic Surgery	Enhanced Recovery in Thoracic Surgery	Enhanced Recovery in Thoracic Surgery							



# The Brighton Centre

## Exhibition Hall - Brighton Centre - First Floor





# SCTS BUSINESS AND SATELLITE MEETINGS

## Heart Team Working Group

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**Saturday March 16, 2013**

Meeting Room 15: 17:00-18:00

*G Copper<sup>1</sup>, H. Luckraz<sup>2</sup>, M. Norel<sup>2</sup>*  
*<sup>1</sup>Sheffield/UK, <sup>2</sup>Wolverhampton/UK*

## President's Meeting

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**Sun, March 17, 2013**

Meeting Room 15: 13:45 - 14:15

*Moderation: J. Roxburgh<sup>1</sup>, M. Dalrymple-Hay<sup>2</sup>, T.R. Graham<sup>3</sup>,  
S. Kendall<sup>4</sup>, G. Cooper<sup>5</sup>, C. Bannister<sup>6</sup>*

*<sup>1</sup>London/UK, <sup>2</sup>Plymouth/UK, <sup>3</sup>Birmingham/UK, <sup>4</sup>Middlesbrough/UK,  
<sup>5</sup>Sheffield/UK, <sup>6</sup>Southampton/UK*

## Welcome Reception

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**Sun, March 17, 2013**

Exhibition Hall: 17:00 - 18:30

## SCTS Meeting - SCPs: A Way Forward

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**Sun, March 17, 2013**

Meeting Room 11: 18:00-19:00

*S. Nashef<sup>1</sup>, S. Kendall<sup>2</sup>, J. Roxburgh<sup>3</sup>, T. R. Graham<sup>4</sup>*

*<sup>1</sup>Cambridge/UK, <sup>2</sup>Middlesbrough/UK, <sup>3</sup>London/UK, <sup>4</sup>Birmingham/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

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**Mon, March 18, 2013**

Meeting Room 6: 09:00 - 18:00

- An Interactive Perceval S Hands-on Workshop



## J & J Medical SCTS Workshop

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**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

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**Mon, March 18, 2013**

Syndicate 1&2: 12:30 - 13:30

A Review of the UK TAVI Trial by Institution Collaborators

## Scott Prens Meeting

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**Mon, March 18, 2013**

Roof Top Restaurant: 12:40 - 13:30

*Moderation: J. Roxburgh<sup>1</sup>, M. Dalrymple-Hay<sup>2</sup>, S. Dunn, F. Scott Prens; <sup>1</sup>London/UK, <sup>2</sup>Plymouth/UK*

## Annual Business Meeting

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**Mon, March 18, 2013**

Auditorium: 16:45 - 18:30

*Moderation: J. Roxburgh<sup>1</sup>, S. Kendall<sup>2</sup>, T. Graham<sup>3</sup>, G. Cooper<sup>4</sup>  
<sup>1</sup>London/UK, <sup>2</sup>Middlesbrough/UK, <sup>3</sup>Birmingham/UK, <sup>4</sup>Sheffield/UK*

## Education Secretary Interviews

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**Tue, March 19, 2013**

Meeting Room 15: 07:30 - 09:00

*Moderation: J. Roxburgh<sup>1</sup>, S. Kendall<sup>2</sup>, T. Graham<sup>3</sup>, C. Bannister<sup>4</sup>  
<sup>1</sup>London/UK, <sup>2</sup>Middlesbrough/UK, <sup>3</sup>Birmingham/UK, <sup>4</sup>Southampton/UK*

## Thoracic Sub-Committee

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**Tue, March 19, 2013**

Meeting Room 15: 10:00 - 11:15

*Moderation: D. Waller<sup>1</sup>, S. Kendall<sup>2</sup>, R. Page<sup>3</sup>, J. Duffy<sup>4</sup>,  
J. Edwards<sup>5</sup>, K. McManus<sup>6</sup>  
<sup>1</sup>Leicester/UK, <sup>2</sup>Middlesbrough/UK, <sup>3</sup>Liverpool/UK, <sup>4</sup>Nottingham/UK,  
<sup>5</sup>Sheffield/UK, <sup>6</sup>Belfast/UK*

## Students Poster Prize Presentations

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**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

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**Tue, March 19, 2013**

Meeting Room 15: 13:30-14:30

*Moderation: I. Wilson<sup>1</sup>, J. Hyde<sup>2</sup>, T. Mitchell<sup>3</sup>  
<sup>1</sup>Birmingham/UK, <sup>2</sup>Brighton/UK, <sup>3</sup>London/UK*

## Board of Representatives

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Tue, March 19, 2013

Syndicate 1 & 2: 16:15 - 18:00

*Moderation: J. Roxburgh<sup>1</sup>, S. Kendall<sup>2</sup>, T. Graham<sup>3</sup>, G.Cooper<sup>4</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Middlesbrough/UK, <sup>3</sup>Birmingham/UK, <sup>4</sup>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<sup>1</sup>, J. Roxburgh<sup>2</sup>

<sup>1</sup>Manchester/UK, <sup>2</sup>London/UK

16:45 - 17:00

Thoracic Sub-Committee: Training - Themed Thoracic Programmes

S. Kendall<sup>1</sup>, D. Waller<sup>2</sup>

<sup>1</sup>Middlesbrough/UK, <sup>2</sup>Leicester/UK

17:00 - 17:15

Specialist Nurses / Surgical Care Practitioners: Assessment / Competencies / Indemnity

C. Bannister<sup>1</sup>, T. Graham<sup>2</sup>

<sup>1</sup>Southampton/UK, <sup>2</sup>Birmingham/UK

17:15 - 17:30

Update from Congenital Sub-Committee

D. Barron<sup>1</sup>, J. Roxburgh<sup>2</sup>

<sup>1</sup>Birmingham/UK, <sup>2</sup>London/UK

17:30 - 17:45

Update from Cardiac Sub-Committee

G. Venn<sup>1</sup>, T. Graham<sup>2</sup>

<sup>1</sup>London/UK, <sup>2</sup>Birmingham/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

# SCTS University Sponsors







## **A Masterclass in Aortic Regurgitation Surgery**

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Sun, March 17, 2013

Syndicate 1 & 2: 09:00 - 10:20

### **The Incidence and Pathology of Aortic Valve Regurgitation**

*Moderation: J. Chambers<sup>1</sup>, M. Redmond<sup>2</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Dublin/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**

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Sun, March 17, 2013

Syndicate 1 & 2: 10:40 - 12:00

### **Considerations in Reconstructive Aortic Valve Surgery**

*Moderation: J. Pepper<sup>1</sup>, M. Petrou<sup>2</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Oxford/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**

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Sun, March 17, 2013

Syndicate 1 & 2: 14:00 - 15:20

### **Aortic Leaflet Repair vs Aortic Valve Replacement**

*Moderation: E. Verrier<sup>1</sup>, H. Takkenberg<sup>2</sup>, M. Lewis<sup>3</sup>*

<sup>1</sup>Seattle/US, <sup>2</sup>Rotterdam/NL, <sup>3</sup>Brighton/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**

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Sun, March 17, 2013

Syndicate 1 & 2: 15:25 - 17:00

### **Valve Sparing Aortic Root Replacement**

*Moderation: T. David<sup>1</sup>, J. Elefteriades<sup>2</sup>, M. Redmond<sup>3</sup>,  
M. Underwood<sup>4</sup>, J. Pepper<sup>5</sup>*

<sup>1</sup>Toronto/CA, <sup>2</sup>New Haven/US, <sup>3</sup>Dublin/IE, <sup>4</sup>Hong Kong/HK,  
<sup>5</sup>London/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

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Sun, March 17, 2013

Auditorium: 09:00 - 10:15

### Guidelines in Coronary Artery Revascularisation

*Moderation: D. Jenkins<sup>1</sup>, S. Kendall<sup>2</sup>, D. Hildick-Smith<sup>3</sup>, M. Norell<sup>4</sup>*

<sup>1</sup>Cambridge/UK, <sup>2</sup>Middlesbrough/UK, <sup>3</sup>Brighton/UK,

<sup>4</sup>Wolverhampton/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

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Sun, March 17, 2013

Auditorium: 10:20 - 12:00

### The Heart Team: A Fundamental Component of the Decision Making Process

*Moderation: L. Hamilton<sup>1</sup>, J. Roxburgh<sup>2</sup>*

<sup>1</sup>Newcastle/UK, <sup>2</sup>London/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

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Sun, March 17, 2013

Auditorium: 14:00 - 15:15

### Results of Surgical Coronary Artery Revascularisation

Moderation: A. Ritchie<sup>1</sup>, A. Shipolini<sup>2</sup>

<sup>1</sup>Basildon/UK, <sup>2</sup>London/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

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Sun, March 17, 2013

Auditorium: 15:25 - 17:00

## Antiplatelet Therapy following Coronary Artery Revascularisation & Breaking News

Moderation: D. Taggart<sup>1</sup>, G. Murphy<sup>2</sup>

<sup>1</sup>Oxford/UK, <sup>2</sup>Leicester/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

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Sun, March 17, 2013

Meeting Room 3: 09:00 - 12:00

### A series of lectures and moderated Wet Lab work

*Moderation: A. Parry<sup>1</sup>, D. Barron<sup>2</sup>*

<sup>1</sup>Bristol/UK, <sup>2</sup>Birmingham/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

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Sun, March 17, 2013

Meeting Room 3: 14:00 - 17:00

*Moderation: N. Weerasena<sup>1</sup>, A. Parry<sup>2</sup>*

<sup>1</sup>Leeds/UK, <sup>2</sup>Bristol/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. Clark<sup>1</sup>, J. Dunning<sup>2</sup>*

<sup>1</sup>Newcastle/UK, <sup>2</sup>Cambridge/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. Dark<sup>1</sup>, A. Simon<sup>2</sup>*

<sup>1</sup>Newcastle/UK, <sup>2</sup>London/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

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Sun, March 17, 2013

Meeting Room 10: 14:00 - 15:25

### Mechanical Circulatory Support

*Moderation: M. Strueber<sup>1</sup>, S. Clark<sup>2</sup>, D. Jenkins<sup>3</sup>*

<sup>1</sup>Leipzig/DE, <sup>2</sup>Newcastle/UK, <sup>3</sup>Cambridge/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

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Sun, March 17, 2013

Meeting Room 10: 15:30 - 17:00

### Mechanical Circulatory Support

*Moderation: A. Simon<sup>1</sup>, J. Dark<sup>2</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Newcastle/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

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Sun, March 17, 2013

The David Geldard Meeting Room 1: 09:00 - 10:20

### The Building Blocks of Mitral Valve Surgery

Moderation: P. Punjabi<sup>1</sup>, C. Munsch<sup>2</sup>

<sup>1</sup>London/UK, <sup>2</sup>Leeds/UK

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 Perioperative Pitfalls

Moderation: S. Livesey<sup>1</sup>, F. Wells<sup>2</sup>, O. Alfieri<sup>3</sup>, C. Munsch<sup>4</sup>

<sup>1</sup>Southampton/UK, <sup>2</sup>Cambridge/UK, <sup>3</sup>Milan/IT, <sup>4</sup>Leeds/UK

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

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Sun, March 17, 2013

The David Geldard Meeting Room 1: 14:00 - 15:25

### Failure of Mitral Valve Repair

Moderation: P. Punjabi<sup>1</sup>, F. Wells<sup>2</sup>

<sup>1</sup>London/UK, <sup>2</sup>Cambridge/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

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Sun, March 17, 2013

The David Geldard Meeting Room 1: 15:45 - 17:00

### Surgical Management of Mitral Valve Repair Failure

Moderation: C. Munsch<sup>1</sup>, S. Livesey<sup>2</sup>, E. Verrier<sup>3</sup>

<sup>1</sup>Leeds/UK, <sup>2</sup>Southampton/UK, <sup>3</sup>Seattle/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

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Sun, March 17, 2013

Syndicate 3 & 4: 09:00 - 12:00

### A International Contemporary Review of Military and Civilian Trauma

*Moderation: R. Steyn<sup>1</sup>, T. Graham<sup>1</sup>, S. Rathinam<sup>2</sup>*

<sup>1</sup>Birmingham/UK, <sup>2</sup>Leicester/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<sup>1</sup>, R. Steyn<sup>2</sup>, T. Graham<sup>2</sup>

<sup>1</sup>Leicester/UK, <sup>2</sup>Birmingham/UK

## Thoracic Surgery - Pushing the Boundaries

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Sun, March 17, 2013

Meeting Room 9: 09:00 - 12:00

### Analysis of the Management Options for Complex Thoracic Surgery Patients

Moderation: A. Martin-Ucar<sup>1</sup>, S. Jordan<sup>2</sup>

<sup>1</sup>Nottingham/UK, <sup>2</sup>London/UK

09:00 - 09:30

#### Sternal Resection and Reconstruction: A Team Approach

G. Massard<sup>1</sup>, S. James<sup>2</sup>

<sup>1</sup>Strasbourg/FR, <sup>2</sup>London/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

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Sun, March 17, 2013

Meeting Room 9: 14:00 - 15:20

### Debate of Contentious Issues in Thoracic Surgery

Moderation: M. Shackcloth<sup>1</sup>, T. Routledge<sup>2</sup>

<sup>1</sup>Liverpool/UK, <sup>2</sup>London/UK

14:00 - 14:40

DEBATE: Surgery and Adjuvant Chemotherapy is the Treatment of Choice for Single Station N2 Disease

E. Lim<sup>1</sup>, J. Maguire<sup>2</sup>

<sup>1</sup>London/UK, <sup>2</sup>Liverpool/UK

14:40 - 15:20

DEBATE: Sublobar Resection vs Stereotactic Radiotherapy for Stage 1 Lung Cancer in Patients with Poor Lung Function

S. Ahmad<sup>1</sup>, S. Barnard<sup>2</sup>

<sup>1</sup>London/UK, <sup>2</sup>Newcastle/UK

## Debates and Controversies in Thoracic Surgery

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Sun, March 17, 2013

Meeting Room 9: 15:40 - 17:00

### Debate of Contentious Issues in Thoracic Surgery

Moderation: M. Shackcloth<sup>1</sup>, T. Routledge<sup>2</sup>

<sup>1</sup>Liverpool/UK, <sup>2</sup>London/UK

15:40 - 16:20

Should Pulmonary Metastasectomy for Colorectal Metastases be Performed Outside a Clinical Trial?

N. Chaudhuri<sup>1</sup>, J. Edwards<sup>2</sup>

<sup>1</sup>Leeds/UK, <sup>2</sup>Sheffield/UK

16:20 - 17:00

Should Patients with Suspected Lung Cancer be Referred Straight to Thoracic Surgeons?

P. Walker<sup>1</sup>, A. Martin-Ucar<sup>2</sup>

<sup>1</sup>Liverpool/UK, <sup>2</sup>Nottingham/UK

## Minimally Invasive Thoracic Surgery

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Sun, March 17, 2013

Syndicate 3 & 4: 14:00 - 15:20

Session Sponsored by Covidien



### Analysis of National and International VATS Lobectomy Practice

Moderation: D. West<sup>1</sup>, I. Hunt<sup>2</sup>

<sup>1</sup>Bristol/UK, <sup>2</sup>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

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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<sup>1</sup>, I. Hunt<sup>2</sup>

<sup>1</sup>Bristol/UK, <sup>2</sup>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<sup>1</sup>, I Hunt<sup>2</sup>

<sup>1</sup>Bristol/UK, <sup>2</sup>London/UK

## SCTS Lunch Box Sessions

### Intraoperative Imaging In CABG Surgery: Important Adjuncts or Unnecessary Expense

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Sun, March 17, 2013

Syndicate 1 & 2: 12:15 - 13:45

*Moderation: A. Ritchie<sup>1</sup>, J. Dunning<sup>2</sup>, F. De Robertis<sup>3</sup>*

<sup>1</sup>Basildon/UK, <sup>2</sup>Middlesbrough/UK, <sup>3</sup>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:

Epi-aortic 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

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Sun, March 17, 2013

The David Geldard Meeting Room 1: 12:15 - 13:45

*Moderation: G. Cooper<sup>1</sup>, J. Mascaro<sup>2</sup>, L. Hadjiniolaou<sup>3</sup>*

<sup>1</sup>Sheffield/UK, <sup>2</sup>Birmingham/UK, <sup>3</sup>Leicester/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

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Sun, March 17, 2013

Meeting Room 10: 12:15 - 13:45

*Moderation: S. Livesey<sup>1</sup>, E. Verrier<sup>2</sup>, J. Chambers<sup>3</sup>*

<sup>1</sup>Southampton/UK, <sup>2</sup>Seattle/US, <sup>3</sup>London/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

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Sun, March 17, 2013

Auditorium: 12:15 - 13:45

*Moderation: L. Hamilton<sup>1</sup>, R. Sayeed<sup>2</sup>*

<sup>1</sup>Newcastle/UK, <sup>2</sup>Oxford/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

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Sun, March 17, 2013

Syndicate 3 & 4: 12:15 - 13:45

*Moderation: M. Kalkat<sup>1</sup>, S. Rathinam<sup>2</sup>*

<sup>1</sup>Birmingham/UK, <sup>2</sup>Leicester/UK

12:15 - 12:20

Welcome and Introduction

S. Rathinam<sup>1</sup>, M. Kalkat<sup>2</sup>

<sup>1</sup>Leicester/UK, <sup>2</sup>Birmingham/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. Darteville; Le Plessis Robinson/FR

## Advances in Interventional Management of Emphysema

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Sun, March 17, 2013

Meeting Room 9: 12:15 - 13:45

**Lunch Box Sponsored by Pulmonx**

Moderation: *E. Belcher<sup>1</sup>, S. Barnard<sup>2</sup>*

<sup>1</sup>Oxford/UK, <sup>2</sup>Newcastle/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

## TOPIC: ADULT CARDIAC CLINICAL

### ACSA/Cardiothoracic Forum Symposium

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Mon, March 18, 2013

The David Geldard Meeting Room 1: 08:00 - 08:50

Moderation: I. Mitchell<sup>1</sup>, A. Marshall<sup>2</sup>, S. Clark<sup>3</sup>

<sup>1</sup>Nottingham/UK, <sup>2</sup>Liverpool/UK, <sup>3</sup>Newcastle/UK

08:00 - 08:10

#### 220 - Thermo-reactive Clips do not Prevent Deep Sternal Wound Infection in Obese Patients after Cardiac Surgery

C. Burdett<sup>1</sup>, S. Kendall<sup>1</sup>, J. Dunning<sup>1</sup>, A. Owens<sup>1</sup>, A. Goodwin<sup>1</sup>, S. Hunter<sup>1</sup>, J. Ferguson<sup>1</sup>, T. Smailes<sup>1</sup>, C. Yap<sup>2</sup>, E. Akowuah<sup>1</sup>;

<sup>1</sup>Middlesbrough/UK <sup>2</sup>Victoria/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. Nikolaidis<sup>1</sup>, I. Manoly<sup>2</sup>, M. Kaarne<sup>1</sup>, G. Tsang<sup>1</sup>, S. Ohri<sup>1</sup>, S. Livesey<sup>1</sup>, C. Barlow<sup>1</sup>;

<sup>1</sup>Southampton/UK <sup>2</sup>Manchester/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<sup>1</sup>, A. Barton<sup>1</sup>, J. Alderton<sup>1</sup>, C. Pritchard<sup>2</sup>, A. Marchbank<sup>1</sup>, V. Avlonitis<sup>1</sup>;

<sup>1</sup>Plymouth/UK <sup>2</sup>Truro/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

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Mon, March 18, 2013

Auditorium: 08:50 - 10:15

#### Highest Scoring Abstract Submissions and Ethicon Scholarship Reports

Moderation: J. Roxburgh<sup>1</sup>, C. Bannister<sup>2</sup>, A. Marshall<sup>3</sup>, R. Shah<sup>4</sup>

<sup>1</sup>London/UK, <sup>2</sup>Southampton/UK, <sup>3</sup>Liverpool/UK, <sup>4</sup>Manchester/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<sup>1</sup>, W. Critchley<sup>1</sup>, P. Bhinda<sup>2</sup>, J. Crockett<sup>3</sup>, A. John<sup>4</sup>, P. Waterworth<sup>1</sup>, J. Fildes<sup>1</sup>, N. Yonan<sup>1</sup>;

<sup>1</sup>Manchester/UK <sup>2</sup>Plymouth/UK <sup>3</sup>Southampton/UK <sup>4</sup>Cardiff/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

09:25 - 09:35

**5 - Impact of Surgical Attendance on Referral for Thoracic Surgery**

C. Bogdan<sup>1</sup>, T. Minhas<sup>1</sup>, J. Tuggey<sup>2</sup>, M. Crawford<sup>2</sup>, R. Milton<sup>1</sup>;  
<sup>1</sup>Leeds/UK <sup>2</sup>Airedale/UK

09:35 - 09:45

**6 - Major and Unexplained Geographical Variations in Elective Coronary Revascularisation in England**

S. Baig, D. Taggart; Oxford/UK

09:45 - 09:48

**7 - SCTS University Ethicon Scholarships**

J. Pepper; London/UK

09:48 - 09:54

**8 - Ethicon Scholarship Report**

D. Harrington; Liverpool/UK

09:54 - 10:00

**9 - Ethicon Scholarship Report**

I. Ahmed; Leeds/UK

10:00 - 10:06

**10 - Ethicon Scholarship Report**

**Valve Repair Fellowship - Saint Luc University Hospital, Brussels**

H. Vohra; London/UK

10:06 - 10:12

**11 - Ethicon Scholarship Report**

M. Baghai; London/UK

## **UK Cardiac Surgical Activity**

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**Mon, March 18, 2013**

Auditorium: 10:55 - 12:35

*Moderation: J. Roxburgh<sup>1</sup>, B. Bridgewater<sup>2</sup>, S. Kendall<sup>3</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Manchester/UK, <sup>3</sup>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<sup>1</sup>, R. Cosgriff<sup>2</sup>, B. Bridgewater<sup>1</sup>; <sup>1</sup>Manchester/UK <sup>2</sup>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. Hickey<sup>1</sup>, S. Grant<sup>1</sup>, C. Caiado<sup>2</sup>, S. Kendall<sup>3</sup>, J. Dunning<sup>4</sup>, M. Poullis<sup>5</sup>, I. Buchan<sup>1</sup>, B. Bridgewater<sup>1</sup>; <sup>1</sup>Manchester/UK <sup>2</sup>Durham/UK <sup>3</sup>Middlesbrough/UK <sup>4</sup>Cambridge/UK <sup>5</sup>Liverpool/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**

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**Mon, March 18, 2013**

Syndicate 1 & 2: 10:55 - 12:00

*Moderation: E. Brackenbury<sup>1</sup>, P. O'Keefe<sup>2</sup>, J. Pepper<sup>3</sup>*

<sup>1</sup>Edinburgh/UK, <sup>2</sup>Cardiff/UK, <sup>3</sup>London/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. Chambers<sup>1</sup>, C. Blauth<sup>1</sup>, M. Dalrymple-Hay<sup>2</sup>, S. Livesey<sup>3</sup>

<sup>1</sup>London/UK, <sup>2</sup>Plymouth/UK, <sup>3</sup>Southampton/UK



13:30 - 13:40

### 37 - An Audit of the Impact of NICE Guidelines on Endocarditis in a UK Cardiothoracic Surgical Unit

D. Aktuerk<sup>1</sup>, S. Jaspal<sup>2</sup>, M. Jaspal<sup>3</sup>, M. Bhabra<sup>2</sup>, H. Luckraz<sup>2</sup>

<sup>1</sup>Coventry/UK, <sup>2</sup>Wolverhampton/UK, <sup>3</sup>Walsall/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. Abdelaziz<sup>1</sup>, J. Jayatheesan<sup>1</sup>, S. Mohamed<sup>1</sup>, U. Dandekar<sup>2</sup>, R.

Patel<sup>1</sup>, S. Bhudia<sup>1</sup>; <sup>1</sup>Coventry/UK

15:20 - 15:30

### 39 - The Natural History of Functional Tricuspid Regurgitation when left Unrepaired During Mitral Valve Surgery

S. Bello<sup>1</sup>, E. Godfrey<sup>2</sup>, B. Rana<sup>2</sup>, F. Wells<sup>2</sup>, S. Nair<sup>2</sup>; <sup>1</sup>Plymouth/UK

<sup>2</sup>Cambridge/UK

15:30 - 15:45

### 47 - ESC/EACTS Guidelines: Tricuspid Valve Regurgitation

O. Alfieri; Milan/IT

15:45 - 16:00

48 - Discussion

International Panel

## Fixing Hearts & Protecting Minds

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Mon, March 18, 2013

Syndicate 1 & 2: 14:30 - 16:00

*Moderation: A.M. Hogan<sup>1</sup>, A. Shipolini<sup>1</sup>, D. Taggart<sup>2</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Oxford/UK

14:30 - 14:40

141 - Fixing Hearts & Protecting Minds: A Cardiac Surgeon's Perspective on Neuroprotection

M. Underwood; Hong Kong/HK

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

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Mon, March 18, 2013

Auditorium: 16:45 - 18:30

*Moderation: J. Roxburgh<sup>1</sup>, S. Kendall<sup>2</sup>, T. Graham<sup>3</sup>, G. Cooper<sup>4</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Middlesbrough/UK, <sup>3</sup>Birmingham/UK, <sup>4</sup>Sheffield/UK

## Clinical Perfusion

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Mon, March 18, 2013

Meeting Room 9: 16:45 - 18:15

*Moderation: D. Aitchison<sup>1</sup>, G. Webb<sup>2</sup>, M. Underwood<sup>3</sup>*

<sup>1</sup>Basildon/UK, <sup>2</sup>Plymouth/UK, <sup>3</sup>Hong 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. Birla<sup>1</sup>, A. Venturini<sup>2</sup>, E. Polesel<sup>2</sup>, D. Mangino<sup>2</sup>, G. Angelini<sup>1</sup>,

M.S. Suleiman<sup>1</sup>, R. Ascione<sup>1</sup>; <sup>1</sup>Bristol/UK <sup>2</sup>Venice/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. Sastry<sup>1</sup>, G. Hardman<sup>2</sup>, A. Page<sup>1</sup>, M. Goddard<sup>1</sup>, S. Large<sup>1</sup>, D. Jenkins<sup>1</sup>; <sup>1</sup>Cambridge/UK <sup>2</sup>Hull/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. Momin<sup>1</sup>, E. Kidher<sup>1</sup>, A. Najefi<sup>1</sup>, M. Sharabiani<sup>1</sup>, J. Mulholland<sup>1</sup>, B. Reeves<sup>1</sup>, G. Angelini<sup>2</sup>, J. Anderson<sup>1</sup>; <sup>1</sup>London/UK <sup>2</sup>Bristol/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

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**Mon, March 18, 2013**

Syndicate 1 & 2: 16:45 - 18:45

*Moderation: H. Vohra<sup>1</sup>, T. David<sup>2</sup>, E. Verrier<sup>3</sup>, J. Elefteriades<sup>4</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Toronto/CA, <sup>3</sup>Seattle/US, <sup>4</sup>New Haven/US

16:45 - 16:51

**58 - Repair of Partial Anomalous Pulmonary Venous Connection with a Modified Double Decker Technique in Adult**

M. Fujii<sup>1</sup>, M. Kambe<sup>1</sup>, M. Ochi<sup>1</sup>, K. Hinokiyama<sup>2</sup>; <sup>1</sup>Tokyo/JP <sup>2</sup>Fukuoka/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. Shajar, R. Basu, J. Campbell, S. Hammond-Pears, S. Naik; Nottingham/UK

16:57 - 17:03

**60 - The Technique of Sutureless Mini-AVR**

H. Vohra<sup>1</sup>, V. Bapat<sup>2</sup>, C. Young<sup>2</sup>; <sup>1</sup>Brussels/BE <sup>2</sup>London/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. Rehman<sup>1</sup>, E. Orion<sup>2</sup>, D. Taggart<sup>1</sup>; <sup>1</sup>Oxford/UK <sup>2</sup>Tel Aviv/IL

17:15 - 17:21

**56 - Minimally Invasive Direct Coronary Artery Bypass Surgery: A Feasible Technique**

R. Birla<sup>1</sup>, P. Patel<sup>1</sup>, G. Aresu<sup>1</sup>, E. Akowuah<sup>2</sup>, G. Asimakopoulos<sup>1</sup>; <sup>1</sup>Bristol/UK <sup>2</sup>Middlesbrough/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**

R. Trimlett, N. Moat, A. Duncan, S. Barker, A. Kelleher, S. Davies, N. Sebti; London/UK

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. Moat<sup>1</sup>, U. Trivedi<sup>2</sup>, V. Bapat<sup>1</sup>

<sup>1</sup>London/UK, <sup>2</sup>Brighton/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. Pfeiffer<sup>1</sup>, G. Santarpino<sup>1</sup>, G. Conciestrè<sup>1</sup>, A.M. Dell'Aquila<sup>2</sup>, J. Jessl<sup>3</sup>, M. Pauschinger<sup>3</sup>, T. Fischlein<sup>1</sup>; <sup>1</sup>Nuremberg/DE <sup>2</sup>Muenster/DE <sup>3</sup>Nuernberg/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

09:05 - 09:15

**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

09:15 - 09:25

**94 - Robotic Catheter Technology for Transcatheter Aortic Valve Implantation (TAVI)**

R. Rippel, A. Rolls, C. Riga, M. Hammady, N. Cheshire, C. Bicknell; London/UK

09:25 - 09:35

**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

09:35 - 09:45

**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

09:45 - 10:00

**97 - New Advances in Transcatheter Aortic Valve Implantations: A UK Perspective & Update**

O. Wendler; London/UK

## **Bleeding Symposium**

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**Tue, March 19, 2013**

Auditorium: 07:50 - 08:50

*Moderation: G. Murphy<sup>1</sup>, N. Briffa<sup>2</sup>, M. Underwood<sup>3</sup>*

<sup>1</sup>Leicester/UK, <sup>2</sup>Sheffield/UK, <sup>3</sup>Hong Kong/HK

07:50 - 08:00

**73 - The Effects of Aprotinin Withdrawal on Transfusion Rates and Acute Kidney Injury in Cardiac Surgery: A Single Centre Observational Study**

G. Walkden<sup>1</sup>, R. Goudie<sup>1</sup>, V. Verheyden<sup>2</sup>, G. Murphy<sup>2</sup>; <sup>1</sup>Bristol/UK <sup>2</sup>Leicester/UK

08:00 - 08:10

**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

08:10 - 08:20

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

N. Patel<sup>1</sup>, H. Lin<sup>1</sup>, A. Adebayore<sup>1</sup>, M. Wiltshire<sup>2</sup>, R. Cardigan<sup>2</sup>, K. Britchford<sup>1</sup>, V. Verheyden<sup>1</sup>, P. Ray<sup>3</sup>, G. Angelini<sup>1</sup>, G. Murphy<sup>4</sup>; <sup>1</sup>Bristol/UK <sup>2</sup>Essex/UK <sup>3</sup>Weston Super Mare/UK <sup>4</sup>Leicester/UK

08:20 - 08:40

**76 - NHSBT Transfusion Audit Results**

S. Allard; London/UK

08:40 - 08:50  
77 - Discussion  
Panel

## Adult Cardiac Scientific - Aortic Surgery

Tue, March 19, 2013

Meeting Room 10: 08:35 - 10:00

Moderation: A. Oo<sup>1</sup>, G. Tsang<sup>2</sup>, J. Yap<sup>3</sup>

<sup>1</sup>Liverpool/UK, <sup>2</sup>Southampton/UK, <sup>3</sup>London/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. Pisano<sup>1</sup>, C.R. Balistreri<sup>1</sup>, G. Candore<sup>1</sup>, Z. Mulla<sup>2</sup>, E. Maresi<sup>1</sup>, S. Vacirca<sup>1</sup>, G. Ruvolo<sup>1</sup>; <sup>1</sup>Palermo/IT<sup>2</sup>Cambridge/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. Pisano<sup>1</sup>, C.R. Balistreri<sup>1</sup>, G. Candore<sup>1</sup>, E. Maresi<sup>1</sup>, Z. Mulla<sup>2</sup>, S. Vacirca<sup>1</sup>, G. Ruvolo<sup>1</sup>; <sup>1</sup>Palermo/IT<sup>2</sup>Cambridge/UK

09:27 - 09:47

### 193 - Aortic Guest Lecture: The Genetic Basis of Aortic Aneurysms

J. Pepper; London/UK

## Rhythm and the Mitral Valve

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Tue, March 19, 2013

Auditorium: 08:50 - 10:00

*Moderation: N. Briffa<sup>1</sup>, A. Tang<sup>2</sup>, R Patel<sup>3</sup>*

<sup>1</sup>Sheffield/UK, <sup>2</sup>Blackpool/UK, <sup>3</sup> 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. Livesey<sup>1</sup>, P. Perier<sup>2</sup>, T. Carrel<sup>3</sup>; <sup>1</sup>Southampton/UK <sup>2</sup>Bad Neustadt An Der Saale/DE <sup>3</sup>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

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Tue, March 19, 2013

Syndicate 1 & 2: 10:30 - 12:40

*Moderation: D. Taggart<sup>1</sup>, A. Ritchie<sup>2</sup>, A. de Souza<sup>3</sup>*

<sup>1</sup>Oxford/UK, <sup>2</sup>Basildon/UK, <sup>3</sup> London/UK

10:30 - 10:40

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

S. Gallagher, D. Jones, M. Lovell, A. Wragg, K. Wong, A. Shipolini, W. Awad, I. Wier, K. Lall, M. Yaqoob, R. Uppal; London/UK

10:40 - 10:50

### 99 - Age-related Loss of Benefit from Multiple Arterial Grafting in Surgical Myocardial Revascularization

U. Benedetto<sup>1</sup>, M. Codiposti<sup>2</sup>; <sup>1</sup>Rome/IT <sup>2</sup>Cambridge/UK

10:50 - 11:00

**100 - Early and Late Outcomes Following Hybrid Coronary Revascularization in High-Risk Patients: An Extensive Single Centre Experience**

E. Kapetanakis<sup>1</sup>, S. Cantone<sup>2</sup>, C. Beggino<sup>2</sup>, A. Francescator<sup>2</sup>, P. Caimmi<sup>2</sup>; <sup>1</sup>Chaidari Athens/GR <sup>2</sup>Novara/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<sup>1</sup>, A. Goodwin<sup>2</sup>, J. Dunning<sup>3</sup>

<sup>1</sup>London/UK, <sup>2</sup>Middlesbrough/UK, <sup>3</sup>Cambridge/UK



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<sup>1</sup>, K. Sarkar<sup>2</sup>, C. Rogers<sup>1</sup>, G. Angelini<sup>1</sup>, A. Jain<sup>3</sup>, M.S. Suleiman<sup>1</sup>, R. Ascione<sup>1</sup>; <sup>1</sup>Bristol/UK <sup>2</sup>Kolkata/IN <sup>3</sup>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. Shajar, R. 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<sup>1</sup>, L. DeKerchove<sup>2</sup>, R. Whistance<sup>2</sup>, D. Glineur<sup>2</sup>, P. Noirhomme<sup>2</sup>, G. El Khoury<sup>2</sup>; <sup>1</sup>London/UK <sup>2</sup>Brussels/BE

11:35 - 11:45

### 116 - Influence of Higher Valve Gradient on Long-term Outcome after Aortic Valve Repair

H. Vohra<sup>1</sup>, R. Whistance<sup>2</sup>, L. DeKerchove<sup>2</sup>, P. Noirhomme<sup>2</sup>, G. El Khoury<sup>2</sup>; <sup>1</sup>London/UK <sup>2</sup>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<sup>1</sup>, S. Westaby<sup>2</sup>, M. Kuduvalli<sup>3</sup>

<sup>1</sup>London/UK, <sup>2</sup>Oxford/UK, <sup>3</sup>Liverpool/UK

13:30 - 13:40

### 118 - The Frozen Elephant Trunk Technique: A Single Centre Experience

M. Iafrancesco, V. Dronavalli, P. Riley, I. McCafferty, D. Adam, A. Ranasinghe, R. Bonser, J. Mascaro; Birmingham/UK

13:40 - 13:50

### 119 - The Fate of The Elephant Trunk (ET): A Key Quality Marker In Aortic Surgery

M. Bashir, M. Shaw, R. Boix, D. Harrington, M. Desmond, M. Field, M. Kuduvalli, A. Oo; Liverpool/UK

13:50 - 14:10

### 120 - Hybrid Aortic Surgery: Results from the Global Registries

J. Mascaro; Birmingham/UK

14:10 - 14:25

### 122 - Discussion

14:25 - 14:35

### 123 - Magnetic Resonance Imaging using a Novel Elastin Peptide (MRI-EP) Tracer Demonstrates Inflammation Precedes Matrix Degradation and Expansion in Aortic Aneurysms

R. Attia, A. Patel, A. Smith, R. Botnar, N. Papalexopoulou, C. Young, M. Waltham; London/UK

14:35 - 14:45

### 124 - Novel Application of Acetazolamide to Reduce Cerebrospinal Fluid Production in Patients Undergoing Thoracoabdominal Aortic Surgery

F. Jafarzadeh, M. Field, D. Harrington, A. Oo, M. Kuduvalli, M. Bashir, J. Kendall, M. Desmond, K. Mills; Liverpool/UK

14:45 - 14:55

### 125 - Is Total Debranching a Safe Procedure for Extensive Arch and Descending Aortic Disease?

J. Smelt, M. Yates, J. van-Besouw, M. Thompson, M. Jahangiri; London/UK

14:55 - 15:05

### 126 - Aortic Arch Replacement: Contemporary Outcomes and 5 Years Survival: Liverpool Experience

M. Bashir, M. Shaw, D. Harrington, M. Field, M. Kuduvalli, M. Desmond, A. Oo; Liverpool/UK

15:05 - 15:15

### 127 - Endovascular Management of Chronic Aortic Dissection in Patients with Marfan Syndrome

M. Yates, J. Smelt, R. Morgan, M. Thompson, M. Jahangiri; London/UK

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

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## **The Fundamental Changes in the New NHS**

**Tue, March 19, 2013**

Auditorium: 13:30 - 14:45

*Moderation: N. Moat<sup>1</sup>, J. Roxburgh<sup>1</sup>, D. O'Regan<sup>2</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Leeds/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

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## **Cardiothoracic Trauma Forum**

**Tue, March 19, 2013**

Auditorium: 14:45 - 16:05

*Moderation: K. Rammohan<sup>1</sup>, S. Stamenkovic<sup>2</sup>, J. McGuigan<sup>3</sup>*

<sup>1</sup>Manchester/UK, <sup>2</sup>Newcastle/UK, <sup>3</sup>Belfast/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. Khorsandi<sup>1</sup>, C. Skouras<sup>2</sup>, R. Shah<sup>1</sup>; <sup>1</sup>Manchester/UK <sup>2</sup>Edinburgh/UK

15:05 - 16:05

**20 - Cardiothoracic Trauma Forum**

R. Steyn; Birmingham/UK

## Board of Representatives

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**Tue, March 19, 2013**

Syndicate 1 & 2: 16:15 - 18:00

*Moderation: J. Roxburgh<sup>1</sup>, S. Kendall<sup>2</sup>, T. Graham<sup>3</sup>G.Cooper<sup>4</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Middlesbrough/UK, <sup>3</sup>Birmingham/UK, <sup>4</sup>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<sup>1</sup>, J. Roxburgh<sup>2</sup>; <sup>1</sup>Manchester/UK <sup>2</sup>London/UK

**16:45 - 17:00**

**Thoracic Sub-Committee: Training - Themed Thoracic Programmes**

S. Kendall<sup>1</sup>, D. Waller<sup>2</sup>; <sup>1</sup>Middlesbrough/UK <sup>2</sup>Leicester/UK

**17:00 - 17:15**

**Specialist Nurses / Surgical Care Practitioners: Assessment / Competencies / Indemnity**

C. Bannister<sup>1</sup>, T. Graham<sup>2</sup> ; <sup>1</sup>Southampton/UK <sup>2</sup>Birmingham/UK

**17:15 - 17:30**

**Update from Congenital Sub-Committee**

D. Barron<sup>1</sup>, J. Roxburgh<sup>2</sup>; <sup>1</sup>Birmingham/UK <sup>2</sup>London/UK

**17:30 - 17:45**

**Update from Cardiac Sub-Committee**

G. Venn<sup>1</sup>, T. Graham<sup>2</sup>; <sup>1</sup>London/UK <sup>2</sup>Birmingham/UK

## Cardiac Surgical Posters

Tue, March 19, 2013

The David Geldard Meeting Room 1: 16:15 - 18:00

*Moderation: R. Kanagasabay<sup>1</sup>, F. Bhatti<sup>2</sup>, P. Modi<sup>3</sup>, R. Sayeed<sup>4</sup>, I. Birdi<sup>5</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Swansea/UK, <sup>3</sup>Liverpool/UK, <sup>4</sup>Oxford/UK, <sup>5</sup>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. Kuduvali, A. Oo; Liverpool/UK;

### 153 - Outcome after Rheumatic Mitral Valve Repair in the Developed Country

M. Abdelaziz<sup>1</sup>, S. Bhudia<sup>1</sup>, U. Dandekar<sup>1</sup>, M. Hawari<sup>2</sup>, R. Patel<sup>1</sup>;

<sup>1</sup>Coventry/UK <sup>2</sup>Nottingham/UK

### 154 - Single Cross-clamp Technique is a Safe Training Tool for Isolated Coronary Artery Bypass Graft Surgery

A. Nasir<sup>1</sup>, V. Srivastava<sup>2</sup>, J. Barnard<sup>3</sup>, J. Zacharias<sup>2</sup>; <sup>1</sup>Manchester/UK, <sup>2</sup>Blackpool/UK <sup>3</sup>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. Kuduvali, 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<sup>1</sup>, M. El Gabry<sup>2</sup>, S. Keil<sup>2</sup>, S. Däbritz<sup>2</sup>; <sup>1</sup>Swansea/UK  
<sup>2</sup>Duisburg/DE

**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<sup>1</sup>, G. Laub<sup>1</sup>, J.Y. Kresh<sup>1</sup>, D. Wootton<sup>2</sup>; <sup>1</sup>Philadelphia/US  
<sup>2</sup>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**

H. Barrett, T. Trantidou, C. Rao, J. Sohler, M. Yacoub, T. Prodromakis, C. Terracciano, T. Athanasiou; London/UK;

**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

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**Mon, March 18, 2013**

Syndicate 1 & 2: 08:00 - 08:50

*Moderation: C. McGregor<sup>1</sup>, T. Athanasiou<sup>1</sup>, S. Bhudia<sup>2</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Coventry/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**

L. Candilio, A. Malik, C. Ariti, C. Di Salvo, M. Hayward, D. Lawrence, J. Yap, A. Sheikh, N. Roberts, S. Kolvekar, D. Hausenloy, D. Yellon; London/UK

**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**

S. Gallagher, D. Jones, M. Lovell, K. Wong, W. Awad, A. Shipolini, K. Lall, I. Wier, M. Yaqoob, R. Uppal; London/UK

**08:30 - 08:40**

**179 - A New St Thomas' Hospital Polarizing Cardioplegic Solution: Improved Myocardial Protective Efficacy in Pigs on Cardiopulmonary Bypass**

B. Podesser<sup>1</sup>, D. Santer<sup>1</sup>, W. Dietl<sup>1</sup>, K. Trescher<sup>1</sup>, S. Hallstrom<sup>1</sup>, K. Aumayr<sup>1</sup>, H. Fallouh<sup>2</sup>, D. Chambers<sup>2</sup>; <sup>1</sup>Vienna/AT<sup>2</sup>London/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

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Tue, March 19, 2013

Meeting Room 10: 07:30 - 08:35

*Moderation: D. Chambers<sup>1</sup>, R. Ascione<sup>2</sup>, C. McGregor<sup>1</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Bristol/UK

07:30 - 07:40

### 181 - The Potential Role of Circulating Mitochondrial DNA in Systemic Inflammatory Responses to Cardiac Surgery

H. Naase<sup>1</sup>, G. Angelini<sup>2</sup>, T. Athanasiou<sup>1</sup>, P. Evans<sup>1</sup>; <sup>1</sup>London/UK

<sup>2</sup>Bristol/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. Qureshi<sup>1</sup>, G. Welsh<sup>1</sup>, R. Foster<sup>1</sup>, S. Satchel<sup>1</sup>, N. Patel<sup>1</sup>, V. Verheyden<sup>2</sup>,

G. Murphy<sup>3</sup>; <sup>1</sup>Bristol/UK <sup>2</sup>Essex/UK <sup>3</sup>Leicester/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

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Tue, March 19, 2013

Meeting Room 10: 08:35 - 10:00

*Moderation: A. Oo<sup>1</sup>, G. Tsang<sup>2</sup>, J. Yap<sup>3</sup>*

<sup>1</sup>Liverpool/UK, <sup>2</sup>Southampton/UK, <sup>3</sup> London/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. Pisano<sup>1</sup>, C.R. Balistreri<sup>1</sup>, G. Candore<sup>1</sup>, Z. Mulla<sup>2</sup>, E. Maresi<sup>1</sup>, S. Vacirca<sup>1</sup>, G. Ruvolo<sup>1</sup>; <sup>1</sup>Palermo/IT<sup>2</sup>Cambridge/UK

09:22 - 09:27

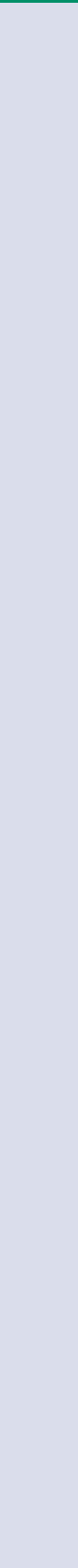
**192 - Could the Prophylactic Replacement of the Aortic Root Reduce the Risk of Dissection in Patients with Ascending Aorta Aneurysm?**

C. Pisano<sup>1</sup>, C.R. Balistreri<sup>1</sup>, G. Candore<sup>1</sup>, E. Maresi<sup>1</sup>, Z. Mulla<sup>2</sup>, S. Vacirca<sup>1</sup>, G. Ruvolo<sup>1</sup>; <sup>1</sup>Palermo/IT<sup>2</sup>Cambridge/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

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**Mon, March 18, 2013**

Auditorium: 16:45 - 18:30

*Moderation: J. Roxburgh<sup>1</sup>, S. Kendall<sup>2</sup>, T. Graham<sup>3</sup> G.Cooper<sup>4</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Middlesbrough/UK, <sup>3</sup>Birmingham/UK, <sup>4</sup>Sheffield/UK

## Advanced Heart Failure Surgery

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**Tue, March 19, 2013**

Meeting Room 9: 08:00 - 10:00

*Moderation: E. Verrier<sup>1</sup>, N. Yonan<sup>2</sup>, J. Dunning<sup>3</sup>; <sup>1</sup>Seattle/US;*

*<sup>2</sup>Manchester/UK; <sup>3</sup>Cambridge/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. Dronavalli<sup>1</sup>, H. Small<sup>1</sup>, N. Banner<sup>2</sup>, C. Rogers<sup>3</sup>, J. Parameshwar<sup>4</sup>, R. Bonser<sup>1</sup> on behalf of the Steering Group UK Cardiothoracic Transplant; <sup>1</sup>Birmingham/UK <sup>2</sup>London/UK <sup>3</sup>Bristol/UK <sup>4</sup>Cambridge/UK

**08:20 - 08:30**

### **196 - Primary Graft Dysfunction Following Heart Transplantation: Validity of a Pragmatic Self-reporting Definition**

V. Dronavalli<sup>1</sup>, H. Small<sup>1</sup>, P. Gosling<sup>1</sup>, J. Parameshwar<sup>2</sup>, C. Rogers<sup>3</sup>, N. Banner<sup>4</sup>, R. Bonser<sup>1</sup> on behalf of the Steering Group UK Cardiothoracic Transplant <sup>1</sup>Birmingham/UK <sup>2</sup>Cambridge/UK <sup>3</sup>Bristol/UK <sup>4</sup>London/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

09:10 - 09:20

**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

09:20 - 09:50

**202 - The Future Balance Between Biological and Mechanical Circulatory Support**

A. Zuckermann, Vienna/AT;

09:50 - 09:50

Discussion

## **Advanced Lung Failure Surgery**

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**Tue, March 19, 2013**

Meeting Room 9: 10:45 - 12:30

*Moderation: S. Haj-Yahia<sup>1</sup>, S. Clark<sup>2</sup>, K. Redmond<sup>3</sup>*

<sup>1</sup>Glasgow/UK, <sup>2</sup>Newcastle/UK, <sup>3</sup>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. Mydin<sup>1</sup>, M. Hawari<sup>2</sup>, P. Catarino<sup>3</sup>, M. Gillham<sup>3</sup>, D. Jenkins<sup>3</sup>, S. Nair<sup>3</sup>, J. Dunning<sup>3</sup>, S. Tsui<sup>3</sup>, J. Parmar<sup>3</sup>; <sup>1</sup>Nottingham/UK

<sup>2</sup>Coventry/UK <sup>3</sup>Cambridge/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**

I. Rahman, L. Walker, G. Chanoit, P. Murison, J. Hillier, J. Pawade, K. Dora, G. Angelini, M.S. Suleiman, R. Ascione; Bristol/UK

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

### ACSA/Cardiothoracic Forum Symposium

Mon, March 18, 2013

The David Geldard Meeting Room 1: 08:00 - 08:50

Moderation: *I. Mitchell<sup>1</sup>, A. Marshall<sup>2</sup>, S. Clark<sup>3</sup>*

<sup>1</sup>Nottingham/UK, <sup>2</sup>Liverpool/UK, <sup>3</sup>Newcastle/UK

08:00 - 08:10

#### 220 - Thermo-reactive Clips do not Prevent Deep Sternal Wound Infection in Obese Patients after Cardiac Surgery

C. Burdett<sup>1</sup>, S. Kendall<sup>1</sup>, J. Dunning<sup>1</sup>, A. Owens<sup>1</sup>, A. Goodwin<sup>1</sup>, S. Hunter<sup>1</sup>, J. Ferguson<sup>1</sup>, T. Smailes<sup>1</sup>, C. Yap<sup>2</sup>, E. Akowuah<sup>1</sup>;

<sup>1</sup>Middlesbrough/UK <sup>2</sup>Victoria/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. Nikolaidis<sup>1</sup>, I. Manoly<sup>2</sup>, M. Kaarne<sup>1</sup>, G. Tsang<sup>1</sup>, S. Ohri<sup>1</sup>, S. Livesey<sup>1</sup>, C. Barlow<sup>1</sup>;

<sup>1</sup>Southampton/UK <sup>2</sup>Manchester/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<sup>1</sup>, A. Barton<sup>1</sup>, J. Alderton<sup>1</sup>, C. Pritchard<sup>2</sup>, A. Marchbank<sup>1</sup>, V. Avlonitis<sup>1</sup>;

<sup>1</sup>Plymouth/UK <sup>2</sup>Truro/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. Roxburgh<sup>1</sup>, C. Bannister<sup>2</sup>, A. Marshall<sup>3</sup>, R. Shah<sup>4</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Southampton/UK, <sup>3</sup>Liverpool/UK, <sup>4</sup>Manchester/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<sup>1</sup>, W. Critchley<sup>1</sup>, P. Bhinda<sup>2</sup>, J. Crockett<sup>3</sup>, A. John<sup>4</sup>, P. Waterworth<sup>1</sup>, J. Fildes<sup>1</sup>, N. Yonan<sup>1</sup>;

<sup>1</sup>Manchester/UK

<sup>2</sup>Plymouth/UK <sup>3</sup>Southampton/UK <sup>4</sup>Cardiff/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

09:25 - 09:35

**5 - Impact of Surgical Attendance on Referral for Thoracic Surgery**

C. Bogdan<sup>1</sup>, T. Minhas<sup>1</sup>, J. Tuggey<sup>2</sup>, M. Crawford<sup>2</sup>, R. Milton<sup>1</sup>;  
<sup>1</sup>Leeds/UK, <sup>2</sup>Airedale/UK

09:35 - 09:45

**6 - Major and Unexplained Geographical Variations in Elective Coronary Revascularisation in England**

S. Baig, D. Taggart; Oxford/UK

09:45 - 09:48

**7 - SCTS University Ethicon Scholarships**

J. Pepper; London/UK

09:48 - 09:54

**8 - Ethicon Scholarship Report**

D. Harrington; Liverpool/UK

09:54 - 10:00

**9 - Ethicon Scholarship Report**

I. Ahmed; Leeds/UK

10:00 - 10:06

**10 - Ethicon Scholarship Report**

H. Vohra; London/UK

10:06 - 10:12

**11 - Ethicon Scholarship Report**

M. Baghai; London/UK

## **UK Cardiac Surgical Activity**

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**Mon, March 18, 2013**

Auditorium: 10:55 - 12:35

*Moderation: J. Roxburgh<sup>1</sup>, B. Bridgewater<sup>2</sup>, S. Kendall<sup>3</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Manchester/UK, <sup>3</sup>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<sup>1</sup>, R. Cosgriff<sup>2</sup>, B. Bridgewater<sup>1</sup>; <sup>1</sup>Manchester/UK <sup>2</sup>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. Hickey<sup>1</sup>, S. Grant<sup>1</sup>, C. Caiado<sup>2</sup>, S. Kendall<sup>3</sup>, J. Dunning<sup>4</sup>, M. Poullis<sup>5</sup>, I. Buchan<sup>1</sup>, B. Bridgewater<sup>1</sup>; <sup>1</sup>Manchester/UK <sup>2</sup>Durham/UK <sup>3</sup>Middlesbrough/UK <sup>4</sup>Cambridge/UK <sup>5</sup>Liverpool/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

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Mon, March 18, 2013

The David Geldard Meeting Room 1: 13:30 - 16:05

*Moderation: J. Roxburgh<sup>1</sup>, C. Bannister<sup>2</sup>, M. Fisher<sup>3</sup>*

<sup>1</sup>London/UK <sup>2</sup>Southampton/UK <sup>3</sup>Brighton/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. McGowan<sup>1</sup>, K. Qamar<sup>2</sup>, A. Hayes<sup>2</sup>, J. French<sup>3</sup>; <sup>1</sup>Gloucester/UK  
<sup>2</sup>Brighton/UK <sup>3</sup>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

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Mon, March 18, 2013

The David Geldard Meeting Room 1: 16:45 - 18:15

*Moderation: T. Bartley<sup>1</sup>, C. Bannister<sup>2</sup>*

<sup>1</sup>Birmingham/UK, <sup>2</sup>Southampton/UK

16:45 - 16:45

### 240 - Hands On Experience -

Wet and Dry Lab Stations for Practical Training

## Cardiothoracic Forum - Thoracic Surgery

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Tue, March 19, 2013

The David Geldard Meeting Room 1: 08:00 - 10:00

*Moderation: J. Simons<sup>1</sup>, E. Woo<sup>2</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Southampton/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 - 08:30

### 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

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Tue, March 19, 2013

The David Geldard Meeting Room 1: 10:45 - 12:30

*Moderation: A. Chukwuemeka<sup>1</sup>, J. Douglas<sup>2</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Sheffield/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

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Tue, March 19, 2013

Auditorium: 13:30 - 14:45

*Moderation: N. Moat<sup>1</sup>, J. Roxburgh<sup>1</sup>, D. O'Regan<sup>2</sup>*

<sup>1</sup> London/UK, <sup>2</sup>Leeds/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. Ahmed<sup>1</sup>, C Ruiz Sergia<sup>2</sup>*

<sup>1</sup>Leeds/UK, <sup>2</sup>London/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. Qureshi<sup>1</sup>, S.I. Rizvi<sup>1</sup>, N. Patel<sup>1</sup>, V. Verheyden<sup>2</sup>, G. Murphy<sup>2</sup>; <sup>1</sup>Bristol/UK <sup>2</sup>Leicester/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. Love<sup>1</sup>, A. Sepehripour<sup>2</sup>, D. McCormack<sup>2</sup>; <sup>1</sup>Liverpool/UK <sup>2</sup>London/UK

15:45 - 15:50

**Closing Remarks**

C. Bannister; Southampton/UK

# TOPIC: CONGENITAL HEART SURGERY

## Breakfast Symposium

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**Mon, March 18, 2013**

Meeting Room 9: 08:00 - 08:30

*Moderation: A. Parry<sup>1</sup>, N. Weerasena<sup>2</sup>*

<sup>1</sup>Bristol/UK, <sup>2</sup>Leeds/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

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**Mon, March 18, 2013**

Meeting Room 9: 08:30 - 10:00

*Moderation: P. Venugopal<sup>1</sup>, A. Hasan<sup>2</sup>*

<sup>1</sup>Liverpool/UK, <sup>2</sup>Newcastle/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 Ebsteins Anomaly

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**Mon, March 18, 2013**

Meeting Room 9: 10:45 - 12:45

*Moderation: N. Weerasena<sup>1</sup>, O. Ghez<sup>2</sup>*

<sup>1</sup>Leeds/UK, <sup>2</sup>London/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

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**Mon, March 18, 2013**

Meeting Room 9: 13:30 - 14:30

*Moderation: A. Hasan<sup>1</sup>, T. Jones<sup>2</sup>*

<sup>1</sup>Newcastle/UK, <sup>2</sup>Birmingham/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

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**Mon, March 18, 2013**

Meeting Room 9: 14:40 - 16:00

*Moderation: A. Parry<sup>1</sup>, K. MacArthur<sup>2</sup>*

<sup>1</sup>Bristol/UK, <sup>2</sup>Glasgow/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

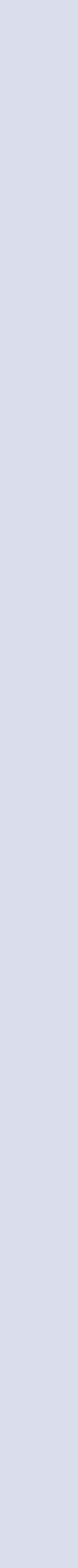
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**Mon, March 18, 2013**

Auditorium: 16:45 - 18:30

*Moderation: J. Roxburgh<sup>1</sup>, S. Kendal<sup>2</sup>, T. Graham<sup>3</sup>, G. Cooper<sup>4</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Middlesbrough/UK, <sup>3</sup>Birmingham/UK, <sup>4</sup>Sheffield/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. Barnard<sup>1</sup>, R. Milton<sup>2</sup>, J. Edwards<sup>3</sup>*

<sup>1</sup>Newcastle/UK, <sup>2</sup>Leeds/UK, <sup>3</sup>Sheffield/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. Roxburgh<sup>1</sup>, C. Bannister<sup>2</sup>, A. Marshall<sup>3</sup>, R. Shah<sup>4</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Southampton/UK, <sup>3</sup>Liverpool/UK, <sup>4</sup>Manchester/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<sup>1</sup>, W. Critchley<sup>1</sup>, P. Bhinda<sup>2</sup>, J. Crockett<sup>3</sup>, A. John<sup>4</sup>, P. Waterworth<sup>1</sup>, J. Fildes<sup>1</sup>, N. Yonan<sup>1</sup>; <sup>1</sup>Manchester/UK <sup>2</sup>Plymouth/UK <sup>3</sup>Southampton/UK <sup>4</sup>Cardiff/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



09:25 - 09:35

**5 - Impact of Surgical Attendance on Referral for Thoracic Surgery**

C. Bogdan<sup>1</sup>, T. Minhas<sup>1</sup>, J. Tuggey<sup>2</sup>, M. Crawford<sup>2</sup>, R. Milton<sup>1</sup>;  
<sup>1</sup>Leeds/UK <sup>2</sup>Airedale/UK

09:35 - 09:45

**6 - Major and Unexplained Geographical Variations in Elective Coronary Revascularisation in England**

S. Baig, D. Taggart; Oxford/UK

09:45 - 09:48

**7 - SCTS University Ethicon Scholarships**

J. Pepper; London/UK

09:48 - 09:54

**8 - Ethicon Scholarship Report**

D. Harrington; Liverpool/UK

09:54 - 10:00

**9 - Ethicon Scholarship Report**

I. Ahmed; Leeds/UK

10:00 - 10:06

**10 - Ethicon Scholarship Report**

H. Vohra; London/UK

10:06 - 10:12

**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<sup>1</sup>, D. Gonzalez Rivas<sup>2</sup>, A. Kirk<sup>3</sup>

<sup>1</sup>London/UK, <sup>2</sup>Coruña/ES, <sup>3</sup>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<sup>1</sup>, S. Klimach<sup>2</sup>, A. Mees<sup>2</sup>; <sup>1</sup>Gloucester/UK <sup>2</sup>Brighton/UK

11:30 - 11:40

**359 - UK Validation of Thoracoscore: A Multicentre Study**

A. Sharkey<sup>1</sup>, P. Ariyaratnam<sup>1</sup>, E. Belcher<sup>2</sup>, S. Kendall<sup>3</sup>, B. Naidu<sup>4</sup>, W. Parry<sup>5</sup>, M. Loubani<sup>1</sup> on behalf of the UK Thoracic Surgery Research Collaborative; <sup>1</sup>Hull/UK <sup>2</sup>Oxford/UK <sup>3</sup>Middlesbrough/UK <sup>4</sup>Birmingham/UK <sup>5</sup>Norwich/UK

11:40 - 11:50

**360 - Thoracoscore is Associated with High Levels Of Inter-observer Variability**

S. Sarvananthan, Q. Ainsworth, R. Evans, K. Grebenik, A. Keiralla, C. Palin, D. Pigott, E. Black, E. Belcher; Oxford/UK

11:50 - 12:00

**361 - Thoracoscore and European Society Objective Score Fail to Predict Mortality in a UK Multicentre Study**

A. Sharkey<sup>1</sup>, P. Ariyaratnam<sup>1</sup>, E. Belcher<sup>2</sup>, S. Kendall<sup>3</sup>, B. Naidu<sup>4</sup>, M. Loubani<sup>1</sup> on behalf of the UK Thoracic Surgery Research Collaborative; <sup>1</sup>Hull/UK <sup>2</sup>Oxford/UK <sup>3</sup>Middlesbrough/UK <sup>4</sup>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

12:20 - 12:30

**364 - Does Patient Quality of Life Improve with the Introduction of Rehabilitation for Operated lung Cancer (ROC) Programme? An Evaluation of Patient Reported Outcome Measures**

R. Wotton, A. Bradley, K. Parker, E. Bishay, M. Kalkat, P. Rajesh, R. Steyn, B. Naidu; Birmingham/UK

12:30 - 12:40

**365 - Follow up After Resection of Lung Cancer: A National Survey of Practice in the UK and Ireland**

D. West, Bristol/UK

## **Minimally Invasive Thoracic Surgery**

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**Mon, March 18, 2013**

Syndicate 3 & 4: 13:30 - 16:02

*Moderation: K. Papagiannopoulos<sup>1</sup>, R. Petersen<sup>2</sup>, T. Batchelor<sup>3</sup>*

<sup>1</sup>Leeds/UK, <sup>2</sup>Copenhagen/DK, <sup>3</sup>Bristol/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 - 14:50

**371 - Single-Port VATS Lobectomy: One Year of Minimising Minimal Invasion**

L. Socci<sup>1</sup>, A. Sharma<sup>1</sup>, P. Wake<sup>1</sup>, M. Malik<sup>1</sup>, D. Gonzalez Rivas<sup>2</sup>, E. Internullo<sup>1</sup>, A. Martin-Ucar<sup>1</sup>; <sup>1</sup>Nottingham/UK <sup>2</sup>Coruña/ES

14:50 - 15:00

**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

## Annual Business Meeting

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**Mon, March 18, 2013**

Auditorium: 16:45 - 18:30

*Moderation: J. Roxburgh<sup>1</sup>, S. Kendall<sup>2</sup>, T. Graham<sup>3</sup>, G. Cooper<sup>4</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Middlesbrough/UK, <sup>3</sup>Birmingham/UK, <sup>4</sup>Sheffield/UK

## Thoracic Surgical Movies

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**Mon, March 18, 2013**

Syndicate 3 & 4: 16:45 - 18:15

*Moderation: G. Casali<sup>1</sup>, R. Petersen<sup>2</sup>, P. Dartevelle<sup>3</sup>, G. Massard<sup>4</sup>*

<sup>1</sup>Bristol/UK, <sup>2</sup>Copenhagen/DK, <sup>3</sup>Le Plessis Robinson/FR, <sup>4</sup>Strasbourg/FR

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. Buder, 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**

L. Socci<sup>1</sup>, M. de la Torre<sup>2</sup>, R. Fernandez<sup>2</sup>, M. Delgado<sup>2</sup>, E. Internullo<sup>2</sup>, D. Gonzalez Rivas<sup>2</sup>, A. Martin-Ucar<sup>1</sup>; <sup>1</sup>Nottingham/UK <sup>2</sup>Coruña/ES

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<sup>1</sup>, S. Woolley<sup>2</sup>, D. Waller<sup>3</sup>

<sup>1</sup>London/UK, <sup>2</sup>Birmingham/UK, <sup>3</sup>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

H. Pattenden<sup>1</sup>, E. Beddow<sup>1</sup>, M. Dusmet<sup>1</sup>, A. Nicholson<sup>1</sup>, A. Greenwood<sup>2</sup>, D. West<sup>2</sup>, P. Ariyaratnam<sup>3</sup>, M. Loubani<sup>3</sup>, E. Lim on behalf of the UK Thoracic Surgery Research Collaborative; <sup>1</sup>London/UK <sup>2</sup>Bristol/UK <sup>3</sup>Hull/UK

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<sup>1</sup>, A. Sharkey<sup>2</sup>, R. Hubbard<sup>3</sup>, M. Smith<sup>1</sup>, J. Rao<sup>1</sup>, J. Edwards<sup>1</sup>; <sup>1</sup>Sheffield/UK <sup>2</sup>Hull/UK <sup>3</sup>Nottingham/UK

08:50 - 09:00

### 388 - Surgery for Limited Small Cell Lung cancer: Results of Two Thoracic Centres

M. Hawari<sup>1</sup>, M. Mydin<sup>1</sup>, K. Mujahid<sup>2</sup>, E. Internullo<sup>1</sup>, A. Martin-Ucar<sup>1</sup>, A. Majewski<sup>1</sup>, J. Duffy<sup>1</sup>, R. Steyn<sup>2</sup>, M. Kalkat<sup>2</sup>, P. Rajesh<sup>2</sup>, I. Bishay<sup>1</sup>, B. Naidu<sup>2</sup>; <sup>1</sup>Nottingham/UK <sup>2</sup>Birmingham/UK

09:00 - 09:10

### 389 - Adenosquamous Lung Carcinoma: A Poor Prognostic Subtype?

A. Sharma<sup>1</sup>, L. Socci<sup>1</sup>, M. Hawari<sup>2</sup>, A. Qureishi<sup>1</sup>, J. Duffy<sup>1</sup>, A. Majewski<sup>1</sup>, A. Martin-Ucar<sup>1</sup>, E. Internullo<sup>1</sup> <sup>1</sup>Nottingham/UK <sup>2</sup>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. George<sup>1</sup>, T. Treasure<sup>2</sup>, J. Edwards<sup>1</sup>; <sup>1</sup>Sheffield/UK <sup>2</sup>London/UK

09:30 - 10:00

**392 - Recent Advances in Tracheal Surgery**

P. Dartevelle, Le Plessis Robinson/FR

## **Advanced Lung Failure Surgery**

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**Tue, March 19, 2013**

Meeting Room 9: 10:45 - 12:30

*Moderation: S. Haj-Yahia<sup>1</sup>, S. Clark<sup>2</sup>, K. Redmond<sup>3</sup>*

<sup>1</sup>Glasgow/UK, <sup>2</sup>Newcastle/UK, <sup>3</sup>Dublin/IE

10:45 - 10:55

**205 - Lung Transplantation from Donation after Cardiac Death - <sup>3</sup> 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. Mydin<sup>1</sup>, M. Hawari<sup>2</sup>, P. Catarino<sup>3</sup>, M. Gillham<sup>3</sup>, D. Jenkins<sup>3</sup>, S. Nair<sup>3</sup>, J. Dunning<sup>3</sup>, S. Tsui<sup>3</sup>, J. Parmar<sup>3</sup>; <sup>1</sup>Nottingham/UK

<sup>2</sup>Coventry/UK <sup>3</sup>Cambridge/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**

I. Rahman, L. Walker, G. Chanoit, P. Murison, J. Hillier, J. Pawade, K. Dora, G. Angelini, M.S. Suleiman, R. Ascione; Bristol/UK

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. Cale<sup>1</sup>, C. Tan<sup>2</sup>, R. Milton<sup>3</sup>

<sup>1</sup>Hull/UK, <sup>2</sup>London/UK, <sup>3</sup>Leeds/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. Jones<sup>1</sup>, M. Brittan<sup>2</sup>, N. Anderson<sup>2</sup>, A. Conway Morris<sup>2</sup>, J. Murchison<sup>2</sup>, A. Simpson<sup>2</sup>, W. Walker<sup>2</sup>; <sup>1</sup>Middlesbrough/UK <sup>2</sup>Edinburgh/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. Elshafie<sup>1</sup>, K. Parker<sup>1</sup>, J. Acosta<sup>2</sup>, M. Kalkat<sup>1</sup>, R. Steyn<sup>1</sup>, E. Bishay<sup>1</sup>, P. Rajesh<sup>1</sup>, B. Naidu<sup>1</sup>; <sup>1</sup>Birmingham/UK <sup>2</sup>Coventry/UK

11:15 - 11:25

## 396 - Can a Gaming Machine Monitor Respiratory Function following Thoracic Surgery? Chest Wall Motion Assessment using Microsoft Kinect

J. Acosta<sup>1</sup>, J. Harte<sup>1</sup>, C. James<sup>1</sup>, V. Raja<sup>1</sup>, K. Parker<sup>2</sup>, R. Steyn<sup>2</sup>, M. Kalkat<sup>2</sup>, E. Bishay<sup>2</sup>, P. Rajesh<sup>2</sup>, B. Naidu<sup>2</sup> <sup>1</sup>Coventry/UK <sup>2</sup>Birmingham/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<sup>1</sup>, 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. Schweigert<sup>1</sup>, R. Beattie<sup>2</sup>, N. Solymosi<sup>3</sup>, K. Booth<sup>2</sup>, A. Dubecz<sup>1</sup>, A. Muir<sup>4</sup>, D. Ofner<sup>5</sup>, J. McGuigan<sup>2</sup>, H. Stein<sup>1</sup>; <sup>1</sup>Nuremberg/DE <sup>2</sup>Belfast/UK <sup>3</sup>Budapest/HU <sup>4</sup>Liverpool/UK <sup>5</sup>Salzburg/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

## 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. Naidu<sup>1</sup>, A. Kirk<sup>2</sup>*

<sup>1</sup>Birmingham/UK, <sup>2</sup>Glasgow/UK

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**NHS**

Enhanced Recovery Partnership

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

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**Tue, March 19, 2013**

Auditorium: 13:30 - 14:45

*Moderation: N. Moat<sup>1</sup>, J. Roxburgh<sup>1</sup>, D. O'Regan<sup>2</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Leeds/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

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**Tue, March 19, 2013**

Auditorium: 14:45 - 16:05

*Moderation: K. Rammohan<sup>1</sup>, S. Stamenkovic<sup>2</sup>, J. McGuigan<sup>3</sup>*

<sup>1</sup>Manchester/UK, <sup>2</sup>Newcastle/UK, <sup>3</sup>Belfast/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. Khorsandi<sup>1</sup>, C. Skouras<sup>2</sup>, R. Shah<sup>1</sup>; <sup>1</sup>Manchester/UK <sup>2</sup>Edinburgh/UK

15:05 - 16:05

### 20 - Cardiothoracic Trauma Forum

R. Steyn; Birmingham/UK

## Board of Representatives

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**Tue, March 19, 2013**

Syndicate 1 & 2: 16:15 - 18:00

*Moderation: J. Roxburgh<sup>1</sup>, S. Kendall<sup>2</sup>, T. Graham<sup>3</sup>, G. Cooper<sup>4</sup>*

<sup>1</sup>London/UK, <sup>2</sup>Middlesbrough/UK, <sup>3</sup>Birmingham/UK, <sup>4</sup>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<sup>1</sup>, J. Roxburgh<sup>2</sup>; <sup>1</sup>Manchester/UK <sup>2</sup>London/UK ;

**16:45 - 17:00**

### Thoracic Sub-Committee: Training - Themed Thoracic Programmes

S. Kendall<sup>1</sup>, D. Waller<sup>2</sup>; <sup>1</sup>Middlesbrough/UK <sup>2</sup>Leicester/UK

**17:00 - 17:15**

### Specialist Nurses / Surgical Care Practitioners: Assessment / Competencies / Indemnity

C. Bannister<sup>1</sup>, T. Graham<sup>2</sup>; <sup>1</sup>Southampton/UK <sup>2</sup>Birmingham/UK

**17:15 - 17:30**

### Update from Congenital Sub-Committee

D. Barron<sup>1</sup>, J. Roxburgh<sup>2</sup>; <sup>1</sup>Birmingham/UK <sup>2</sup>London/UK

**17:30 - 17:45**

### Update from Cardiac Sub-Committee

G. Venn<sup>1</sup>, T. Graham<sup>2</sup>; <sup>1</sup>London/UK <sup>2</sup>Birmingham/UK

## Thoracic Surgical Posters

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**Tue, March 19, 2013**

Syndicate 3 & 4: 16:15 - 18:00

*Moderation: R. Milton<sup>1</sup>, K. Rammohan<sup>2</sup>, D. West<sup>3</sup>, S. Ghosh<sup>4</sup>, E. Woo<sup>5</sup>*

<sup>1</sup>Leeds/UK, <sup>2</sup>Manchester/UK, <sup>3</sup>Bristol/UK, <sup>4</sup>Stoke/UK,

<sup>5</sup>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<sup>1</sup>, N. Solymosi<sup>2</sup>, A. Dubecz<sup>1</sup>, M. Renz<sup>1</sup>, D. Ofner<sup>3</sup>, H. Stein<sup>1</sup>; <sup>1</sup>Nuremberg/DE <sup>2</sup>Budapest/HU <sup>3</sup>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. Tsitsias<sup>1</sup>, R. Annamaneni<sup>1</sup>, M. Molyneux<sup>2</sup>, M. Kalkat<sup>3</sup>, S. Rathinam<sup>1</sup>; <sup>1</sup>Leicester/UK <sup>2</sup>Bristol/UK <sup>3</sup>Birmingham/UK
- 432 - VATS Lobectomy: Factors Associated with Conversion to Thoracotomy**  
K.H. Yap<sup>1</sup>, S. Sriskandarajah<sup>1</sup>, M. Khanbhai<sup>1</sup>, A. Nasir<sup>2</sup>, S.Y. Soon<sup>1</sup>, K. Rammohan<sup>1</sup>, P. Krysiak<sup>1</sup>, R. Shah<sup>1</sup>; <sup>1</sup>Manchester/UK <sup>2</sup>Blackpool/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. Schweigert<sup>1</sup>, N. Solymosi<sup>2</sup>, A. Dubecz<sup>1</sup>, M. Renz<sup>1</sup>, D. Ofner<sup>3</sup>, H. Stein<sup>1</sup>; <sup>1</sup>Nuremberg/DE <sup>2</sup>Budapest/HU <sup>3</sup>Salzburg/AT
- 435 - Thymectomy between Video-Assisted Thoracoscopy 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

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**Mon, March 18, 2013**

Meeting Room<sup>3</sup>: 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

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**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

<i>Stand</i>	<i>Company Name</i>
1	Depuy Synthes & Ethicon Ltd
24 & 25	Cardiologic Ltd
2	Sorin Group UK
24a	Eschmann Equipment
3	Cardio Solutions & St Jude
26	Covidien
4	Maquet
27 & 28	B.Braun Medical Ltd
6	Medtronic Ltd
29	CryoLife Europa Ltd
7 & 8	Wisepress Online Bookshop Ltd
30	Abbott Vascular
9	Pulmonx
30a	Charter Kontron Limited
9a	Calmedical
31	UK Medical
10	Medela
32	Mitsubishi Pharma Europe Ltd
11& 12	Carefusion
33	Cardiac Advanced Life Support Course (CALs)
13	Pulse Surgical Ltd
35	Edwards Lifesciences UK & Ireland
14	Lemonchase
36	Jenavalve Technology
15	R&D Surgical Ltd
36a	Rocket Medical
37	LSI Solutions
16	Pierson Surgical Ltd
38	GBUK Healthcare
17	Sigmacon
39 & 40	Teleflex
18	3M Health Care Ltd
41	Advancis Surgical
19	Baxter Healthcare Ltd
42	Surgical Acuity
20	Medistim ASA
43	Vasutek
21	Heartware Inc
43a	CLS Surgical
22	Dendrite Clinical Systems Ltd
44	EUSA Pharma
23	G+N Medical
46	Chalice Medical Ltd

# Guide to Exhibitors

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## ABBOTT VASCULAR

### STAND 30

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## 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.

<i>Cell populations</i>	<i>Pre Surgery</i>	<i>Post HemoSep</i>	<i>%Change</i>
White Cell Count	6.71 +/- 0.63	13.8 +/- 1.9	105.6
Platelet Count	198636 +/- 31101	192650 +/- 34906	-3.4
Hematocrit	43.5 +/- 1.9	39.45 +/- 2.1	-9.3
Hemoglobin	12.14 +/-1.51	12.83 +/- 0.85	5.6

## B.BRAUN MEDICAL LTD

### STANDS 27 & 28

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[www.surgical-instruments.info](http://www.surgical-instruments.info)

## AXTER HEALTHCARE LTD

### STAND 19

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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.

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Wallingford Road

Compton

RG20 7QW



Customer Services Tel no: +44 (0)1635 206 074  
 Customer Services Fax no: +44 (0)1635 206 126

## CALMEDICAL

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### 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

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### 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. ICU 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](http://www.lulu.com/spotlight/cardiacsurgeryadvancedlifesupportcourse)  
 You can also see us on youtube. Click on [www.youtube.com/watch?v=PHgYZDgQJgc](http://www.youtube.com/watch?v=PHgYZDgQJgc)

And we have a discussion site on facebook here:  
[www.facebook.com/group.php?gid=115765272129&ref=mf](http://www.facebook.com/group.php?gid=115765272129&ref=mf)

## CARDIOLOGIC LTD

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### 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](http://www.cardiologic.co.uk)

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

## CAREFUSION

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### 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](http://www.chloraprep.co.uk)  
 Department of Health (2011) High Impact Intervention: CareBundle to prevent surgical site infection. Available at  
<http://hcai.dh.gov.uk/files/2011/03/2011-03-14-HII-Prevent-Surgical->

Site-Infection-FINAL.pdf.

Hendley JO, Ashe KM. Antimicrob Agents Chemother 1991; 35:627-31.

## 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; Integuseal 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](mailto:customer.services@cardiosolutions.co.uk)

Web: [www.cardiosolutions.co.uk](http://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

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 Fax: +44 (0)1909 470888  
 Web: [www.chalicedmedical.com](http://www.chalicedmedical.com)  
 Email: [enquiries@chalicedmedical.com](mailto:enquiries@chalicedmedical.com)  
 Twitter: @chalicedmedical.com

## CHARTER KONTRON LIMITED

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### 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

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### 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/](http://www.cls-surgical.com/) [www.cls-surgical.com](http://www.cls-surgical.com)

Contact: Director, Chris Bond BSc BA

Mobile: 07768 271 791

## COVIDIEN

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### STAND 26

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.

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Hampshire PO15 7NY  
Tel: +44 (0)1329 224 000  
Fax: +44 (0)1329 224 400

## CRYOLIFE EUROPA LTD

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### STAND 29

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.

CryoLife  
Bramley House, The Guildway  
Old Portsmouth Road  
Guildford, Surrey GU3 1LR  
[www.cryolife.com](http://www.cryolife.com)

## DENDRITE CLINICAL SYSTEMS LTD

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### 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](mailto:info@e-dendrite.com)

Website: [www.e-dendrite.com](http://www.e-dendrite.com)

Head Office Contact: Dr Peter K H Walton, Managing Director

## DEPUY SYNTHES

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### 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

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### 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.

Edwards, Edwards Lifesciences, the stylized E logo and Starr-Edwards are trademarks of Edwards Lifesciences Corporation. (c) 2013 Edwards Lifesciences Corporation. All rights reserved. Please visit our website at [www.edwards.com](http://www.edwards.com)

## ESCHMANN EQUIPMENT

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### 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

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### 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

Livingston  
EH54 0AB  
Tel: +44 (0)1306 594500

## 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](http://www.eusapharma.com)

1. Friberg Ö et al. Soc Thoracic Surg 2005;79:153-162.

## 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.



GBUK Healthcare  
 Tel: +44(0) 1757 288587  
 Email: info@gbukhealthcare.com  
 Web: gbukhealthcare.com

## G+N MEDICAL

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### 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.

G+N Medical  
 Maydwell Ave  
 Off Stane Street  
 Slinfold, Horsham  
 West Sussex RH13 0GN  
 Tel: +44 (0) 845 263 8908  
 Fax: +44 (0) 845 263 8907  
 Email: medsales@gandn.com  
 Website: www.gandn.com

## HEARTWARE INC

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### 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](http://www.Heartware.com)

## JENAVALVE TECHNOLOGY

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### STAND 36

JenaValve™ Technology is an innovative 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](http://www.jenavalve.com)

Tim Gniedziejka  
 Tel: +44 (7505) 340757  
 Email: gniedziejka@jenavalve.de

## LEMONCHASE

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### 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](http://www.lemonchase.com)

Email: [info@lemonchase.com](mailto:info@lemonchase.com)

## LSI SOLUTIONS

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### 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

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### 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](http://www.medela.co.uk)

Customer Service Team Tel No. 0161 7760400

## MAQUET

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### 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

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Website: [www.maquet.co.uk](http://www.maquet.co.uk)

## MEDISTIM ASA

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### 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

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### 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/](http://www.seizesimplicity.com/)

Medtronic Limited  
 Cardiac Surgery Division  
 Building 9  
 Croxley Green Business Park  
 Hatters Lane  
 Watford  
 WD18 8WW  
 Tel: +44 (0) 1923 212213  
 Fax: +44 (0) 1923 241004  
 www.medtronic.co.uk www.innovatingforshd.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:

Mitsubishi Pharma Europe,  
 Dashwood House,  
 69 Old Broad Street  
 London  
 EC2M 1QS

Tel: 020 7065 5000.

Fax: 020 7065 5050.

Email: [information@mitsubishi-pharma.eu](mailto:information@mitsubishi-pharma.eu).

[www.mitsubishi-pharma.eu](http://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

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### 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

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### 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

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### 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](mailto:sales@randdsurgical.com)

Tel: +44 (0)7975 696541

[www.randdsurgical.com](http://www.randdsurgical.com)

## ROCKET MEDICAL

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### 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](mailto:Beverley@rocketmedical.com)

Mob: 07971541316

## SIGMACON

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### 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

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### STAND 2

Sorin Group ([www.sorin.com](http://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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 Gloucester, GL3 4AH  
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## SURGICAL ACUITY UK

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### 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](mailto:surgicalacuityuk@surgicalacuity.com)

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 Peterborough PE1 5TX  
[www.orascoptic.com/uk](http://www.orascoptic.com/uk)

## TELEFLEX

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### 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

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## VASCUTEK

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### STAND NO 43

Significant advances in arch and thoracic aorta repair are rare, however Thoraflex™ Hybrid the World'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.

VASCUTEK, a TERUMO Company  
 Newmains Avenue, Inchinnan  
 Renfrewshire PA4 9RR, Scotland, UK  
 Tel: (+44 141 812 5555  
 Fax: (+44) 141 812 7170  
[www.vascutek.com](http://www.vascutek.com)

## UK MEDICAL

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### STAND 31

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.



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Email: [info@ukmedical.com](mailto:info@ukmedical.com)  
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## WISEPRESS ONLINE BOOKSHOP LTD

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### STANDS 7 & 8

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