

# 2009 ASCTS Annual Scientific Meeting

**Friday 06 November 2009**

## Scientific Session 1

0800 - 1015

**Chairpersons: Mark Edwards & David Marshman**

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|--------------------|---|
| <b>0800 - 0815</b> | Presidential Welcoming Address<br><b>David Marsham</b>  |
| <b>0815 - 0845</b> | The Role of the Edge to Edge Technique in Surgical and Percutaneous Mitral Repair<br><b>International Guest Presenter - Ottavio Alfieri</b>   |
| <b>0845 - 0855</b> | Venous Arterial Ecmo: Good for Some, Not for all<br><b>Emily Granger</b><br><b>(Short Presentation - 10mins)</b>  |
| <b>0855 - 0905</b> | Pre-Operative Atrial Fibrillation is associated with Worse Mid-Term Survival Post-Cabg: A Matched Cohort Study from the Ascts Database<br><b>Yangyang Liu</b><br><b>(Short Presentation - 10mins)</b> |
| <b>0905 - 0915</b> | Surgical Management and Mid-Term Outcomes of 108 Patients with Infective Endocarditis: A Single Centre Experience.<br><b>Arun Nayak</b><br><b>(Short Presentation - 10mins)</b>                       |
| <b>0915 - 0925</b> | Use of Machine Learning Algorithms to Assess Outcomes in Patients over 80-Years of Age Undergoing Cardiac Surgery<br><b>Sean Galvin</b><br><b>(Short Presentation - 10mins)</b>                       |
| <b>0925 - 0935</b> | Early and Mid-Term Outcome after AVR with or Without Concomittant Cabg in Octogenarians<br><b>Makarand Nandapurkar</b><br><b>(Short Presentation - 10mins)</b>  |
| <b>0935 - 0945</b> | Long-Term Outcome for Congenital Supravalvar Aortic Stenosis<br><b>Andrew Cochrane</b><br><b>(Short Presentation - 10mins)</b>  |

## **Friday 06 November 2009 Continued**

### **Scientific Session 1 Continued**

**0800 - 1015**

**Chairpersons: Mark Edwards & David Marshman**

**0945 - 1015**

Lessons learned in 1700 MIDCABs  
International Guest Presenter - Volkmar Falk

**1015 - 1100**

**Morning Refreshments - Trade Exhibition Area**

## Friday 06 November 2009 Continued

### Scientific Session 2

1100 - 1300

**Chairpersons: Andrew Cochrane & Homayoun Jalali**

- 1100 - 1130** Presentation on AF; an Overview  
(Video link up –funded by ATS Medical, USA)  
**International Guest Presenter – James Cox**
- 1130 - 1145** Percutaneous Aortic Valves - Our First Twenty Cases with the Edwards Sapien Transcatheter Valve  
**Jayne Bennetts**  
**(Free Paper – 15mins)**
- 1145 - 1200** Resource Utilisation and Long Term Survival for Isolated Aortic Valve Replacement  
**Ali Alizzi**  
**(Free Paper – 15mins)**
- 1200 - 1300** Symposium:  
**Education in Cardiac Surgery**
- 1200 - 1230** Teaching the Art of Surgery  
**Alan Farnsworth (Invited Presentation)**
- 1230 - 1300** Risk Management & Minimisation  
**Michael Gardner (Invited Presentation)**
- 1300 - 1400** Lunch – Trade Exhibition Area

## Friday 06 November 2009 Continued

### Scientific Session 3

1400 - 1600

### Short Presentations

**Chairpersons: James McGiven & Mark Newman**

- 1400 - 1430** Mitral Valve Annuloplasty Rings: Theory and Practice Reality in Endoscopic Mitral Valve Repair: Why I do it?  
**International Guest Presenter - Hugo Vanermen**
- 1430 - 1440** A Synthetic Internal Mammary Artery  
**Michael Byrom**  
**(Short Presentation - 10mins)**
- 1440 - 1450** Update on Lung Transplantation Using Donation after Cardiac Death in NSW.  
**Emily Granger**  
**(Short Presentation - 10mins)**
- 1450 - 1500** Beating Heart Preservation of Donor Hearts for Transplantation - A Working Heart Perfusion System for Pig Hearts to Extend Organ Preservation Time  
**Patrick Pritzwald-Stegmann**  
**(Short Presentation - 10mins)**
- 1500 - 1530** Mitral Repair for Rheumatic Mitral Valve Disease  
**International Guest Presenter - Taweesak Chotivatanapong**
- 1530 - 1540** Accuracy in Staging Lung Cancer Using Ebus Transbronchial Needle Aspiration  
**Shoane Ip**  
**(Short Presentation - 10mins)**
- 1540 - 1550** Pulmonary Lobectomy for NSCLC in Octogenarians  
**Shoane Ip**  
**(Short Presentation - 10mins)**

## **Friday 06 November 2009 Continued**

### **Scientific Session 3 Continued**

**1400 - 1600**

#### **Short Presentations**

**Chairpersons: James McGiven & Mark Newman**

**1550 - 1600**

Is Alpha-B Crystallin an Independent Marker for Prognosis in Lung Cancer?

**Andrew Campbell-Lloyd**

**(Short Presentation - 10mins)**

**1600 - 1630**

**Afternoon Refreshments - Trade Exhibition Area**

## **Friday 06 November 2009 Continued**

### **Report from ASCTS Database**

**1630 - 1730**

**Chairpersons: David Andrews & Julian Smith**

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| <b>1630 - 1650</b> | Exemplary Control of Blood Loss and How to Avoid Return to the Operating Room for Bleeding<br><b>Julian Smith</b>                 |
| <b>1650 - 1710</b> | Toward Eliminating Deep Sternal Wound Infection in Cardiac Surgery<br><b>Cheng-Hon Yap</b>  |
| <b>1710 - 1730</b> | Sophisticated Statistical Analysis of Outcome Data and the Ethics of Public Reporting of Individual Outcomes<br><b>Chris Reid</b> |
| <b>1730</b>        | <b>ASCTS - Annual General Meeting</b>   |
| <b>1830 - 1930</b> | <b>Welcome Cocktail Reception</b><br><b>Trade Exhibition Area</b>   |

## Saturday 07 November 2009

### Scientific Session 4

0800 - 1015

**TAG Young Achievers Award Presentations**

**Chairpersons: Mo Diger & Peter Skillington**

- 0800 - 0830** Transcatheter Aortic Valve Implantation - Transapical Insertion  
**International Guest Presenter - Todd Dewey**
- 0830 - 0845** Follistatin, an Activin a Binding Protein, Reduces Infarct Size in Myocardial Ischaemia Reperfusion Injury  
**Yi Chen**  
**(Free Paper - 15mins)**
- 0845 - 0900** Successful Extra-Corporeal Membrane Oxygenator (Ecmo) Support for Primary Graft Failure Post Cardiac Transplantation: Optimum Support Mechanism of Choice  
**Hon Ian Chong**  
**(Free Paper - 15mins)**
- 0900 - 0915** Routine Vasoconstrictor use Reduces Intraoperative Haemodilution and Transfusion Rates in Coronary Surgery  
**Hamid Mollahajian**  
**(Free Paper - 15mins)**
- 0915 - 0930** Radiological Predictors of Recurrent Primary Spontaneous Pneumothorax Following Non-Surgical Management  
**Ramanujan Ganesalingam**  
**(Free Paper - 15mins)**
- 0930 - 0945** Finding the Right Balance Between Univentricular and Biventricular Repair for Pulmonary Atresia with Intact Ventricular Septum  
**Matthew Liava'a**  
**(Free Paper - 15mins)**
- 0945 - 1015** New Treatment for HOCM and SAM  
**International Guest Presenter - Hugo Vanermen**
- 1015 - 1100** Morning Refreshments - Trade Exhibition Area

## Saturday 07 November 2009 Continued

### Scientific Session 5

1100 - 1300

**Chairpersons: Matthew Bayfield & David Lance**

- 1100 - 1130** Surgical Treatment of Functional Mitral Regurgitation  
**International Guest Presenter - Ottavio Alfieri**
- 1130 - 1145** Longterm Results of Mitral Valve Repair with Local Suture Annuloplasty  
**Jia Lin Soon**  
**(Free Paper - 15mins)**
- 1145 - 1200** Mid-Term Outcomes of Chordal Replacement for Bileaflet Mitral Valve Prolapse  
**Satsuki Fukushima**  
**(Free Paper - 15mins)**
- 1200 - 1215** Broken Windows, Tidy Wards and Keeping Score: Clinical Governance Does Have a Human Face  
**Clifford Hughes (Invited Presentation)**
- 1215 - 1230** Training in Mitral Valve Surgery Need not Impair In-Hospital Outcomes: A Single Centre Experience.  
**Philip Hayward**  
**(Free Paper - 15mins)**
- 1230 - 1245** Use of Bioring in Repair of Severe Left AV Valve Regurgitation in Patients with AVSD  
**Prashant Joshi**  
**(Free Paper - 15mins)**
- 1245 - 1300** **Award Presentations**  
TAG Medical Young Achievers  
Edwards Lifesciences Travelling Fellowship
- 1300 - 1400** **Lunch - Trade Exhibition Area**

## **Saturday 07 November 2009 Continued**

### **Scientific Session 6**

**1400 - 1630**

**Chairpersons: Rebecca Dignan & Jacob Goldstein**

- 1400 - 1430** Mitral Repair for Mitral Valve Endocarditis  
**International Guest Presenter - Taweesak Chotivatanapong**
- 1430 - 1445** Transfusion Association with Adverse Clinical Outcomes in Cardiac Surgery: An Analysis of a Large Patient Cohort  
**Louise Phillips**  
**(Free Paper - 15mins)**
- 1445 - 1500** Use of Rfviii for Critical Bleeding in Cardiac Surgery: Dose Variation Does Not Predict Patient Outcomes  
**Louise Phillips**  
**(Free Paper - 15mins)**
- 1500 - 1515** High Flow Nasal Prongs Use in the Post Cardiac Surgical Population Increases Functional Residual Capacity, Improves Oxygenation and Reduces Work of Breathing  
**John Fraser**  
**(Free Paper - 15mins)**
- 1515 - 1530** The Future of Cardiac Surgery  
**Trevor Fayers (Invited Presentation)**
- 1530 - 1545** Branch-First Aortic Arch Replacement without Circulatory Arrest nor Deep Hypothermia: A Report of Early Experience  
**George Matalanis**  
**(Free Paper - 15mins)**
- 1545 - 1600** Paradigm Shift in Aortic Surgery in Green Lane Cardiothoracic Surgical Unit at Auckland City Hospital 2002-2009  
**Parma Nand**  
**(Free Paper - 15mins)**
- 1600 - 1630** Mechatronic Assistance in Cardiac Surgery; Do Robots Have a Future?  
**International Guest Presenter - Volkmar Falk**
- 1900** **Conference Dinner**

# Sunday 08 November 2009

## Scientific Session 7

0900 - 1130

Chairpersons: Jayme Bennetts & Nick Hendel

**0900 - 1000**

Mitral Symposium

**0900 - 0930** Robotic Assisted Mitral Valve Surgery: Lessons Learned

**Aubrey Almeida (Invited Presentation)**

**0930 - 1000** Minimally Invasive Cardiac Surgery - Should we all be doing it?

**James Edwards (Invited Presentation)**

**1000 - 1015**

Does the Introduction of Thoracoscopic Lobectomy Reduce Hospital Length of Stay? Initial Results from the Green Lane Cardiothoracic Unit

Free Paper  
**Indran Ramanathan**  
(Free Paper - 15mins)

**1015 - 1030**

ECMO for Acute Right Heart Failure

**Emily Granger**  
(Free Paper - 15mins)

**1030 - 1045**

Cardio-Protective Effects of the Cyclosporine Derivative Nim811 Added to HTK Cardioplegia Solution - An In-Vitro Rabbit Heart Study

**Patrick Pritzwald-Stegmann**  
(Free Paper - 15mins)

**1045 - 1100**

Renin Angiotensin II System and Lung Transplantation: Relevance in Brain Death, IRI and Subsequent Lung Injury

**John Fraser**  
(Free Paper - 15mins)

**1100 - 1130**

Developing a Hybrid Operating Room  
International Guest Presenter - **Todd Dewey**