

CARDIOTHORACIC SURGERY

Co-Conveners: Sean Galvin and Lisa Lim

Mr Peter Skillington
Melbourne

Mr Peter Skillington is an Adult Cardiothoracic Surgeon, based at the Royal Melbourne Hospital, where he has been Deputy Director of the Cardiothoracic Surgery Unit since 1993. He also works at the Epworth HealthCare, where he is the Deputy Director of the Clinical Cardiac Institute. After achieving his RACS Fellowship in General Surgery in 1985, he subsequently trained in cardiothoracic surgery, underwent Overseas Fellowships in Southampton, UK (one year), and then Boston, USA (one year), where he worked at both the Brigham & Women's Hospital in adult cardiac surgery, and at the Boston Children's Hospital, studying paediatric cardiac surgery. His initial appointments as a Consultant in Melbourne were at both the Royal Melbourne Hospital and the Royal Children's Hospital. Since 1995, he has been totally in adult cardiothoracic practice, with speciality interests in adult cardiac surgery and adult congenital cardiac surgery - in this latter space, he runs the Adult Congenital Cardiac Surgery practice at RMH, with experience in over 800 surgical cases since 1991. He has numerous publications in relation to adult congenital cardiac surgery topics, and also aortic valve replacement utilising the Ross procedure. He has been involved in Cardiac Surgery Education and Training, being RACS Chairman of the Board of Studies between 2006 to 2008, President of the Australian and New Zealand Society of Thoracic Surgeons (ANZSCTS) between 2001 to 2003, as well as Chairman of the Science and Education Committee for ANZSCTS from 2008 to 2014. Also an Examiner for the Fellowship Examinations with RACS from 2008 to 2014. He is currently a Supervisor for SET Training at the Epworth Hospital, Melbourne.

MONDAY 6 MAY

5:00pm - 6:30pm **CONVOCATION CEREMONY AND SYME ORATION (TICKETED EVENT)**
World Ballroom A/B/C

6:30pm - 7:30pm **WELCOME RECEPTION (TICKETED EVENT)**
Pre-function Area (L22)

TUESDAY 7 MAY

8:30am - 10:00am **OPENING PLENARY SESSION
GENERALISM**
World Ballroom A/B/C

10:00am - 10:30am **MORNING TEA - TUESDAY**
Bangkok Convention Centre A2

10:30am - 12noon **MANAGING YOUNG PATIENTS WITH VALVULAR HEART DISEASE**
Lotus Suite 6
Chairs: **Permyos Ruengsakulrach (Bangkok, Thailand) and Julian Smith (Melbourne)**

10:30am The burden of rheumatic heart disease in Australia and New Zealand
Adam El Gamel (Hamilton)

10:45am Management of congenital coronary anomalies in adults
Peter Skillington (Melbourne)

11:00am The evolution of mitral valve repair
Aubrey Almeida (Melbourne)

- 11:15am Anticoagulation practices with biological valves
Lisa Lim (Wellington)
- 11:30am Mid-Term Results of Surgical Ablation for Long-Standing Persistent Atrial Fibrillation: Left atrial versus Bi-atrial ablation.
CS001 Paradorn Jetwanna (Mueang, Thailand)
- 11:45am Discussion
- 12noon - 12:30pm **KEYNOTE LECTURE**
Lotus Suite 6
Chairs: **Permyos Ruengsakulrach (Bangkok, Thailand) and Julian Smith (Melbourne)**
- Aortic valve intervention in adults less than 60 - Continuing evolution
Mr Peter Skillington (Melbourne)
- 12:30pm - 1:30pm **LUNCH - TUESDAY**
Bangkok Convention Centre A2
- 1:30pm - 2:00pm **KEYNOTE LECTURE**
Lotus Suite 6
Chairs: **Aubrey Almeida (Melbourne) and Adam El Gamel (Hamilton)**
- Mitral valve repair for rheumatic patients: Should we do it
Dr Somchai Waikittipong
- 2:00pm - 3:30pm **CONTEMPORARY ISSUES IN AORTIC SURGERY**
Lotus Suite 6
Chairs: **Adam El Gamel (Hamilton) and Sivendran Seevanayagam (WATSONIA)**
- 2:00pm Safety and predictors of stroke and adverse outcome after carotid endarterectomy
Permyos Ruengsakulrach (Bangkok, Thailand)
- 2:15pm Endovascular Management of Mycotic Aortic Aneurysms in Asia
Andrew Choong (Singapore)
- 2:35pm Arch repair followed by Completion TEVAR in patients with Aortic dissection
Sinead Gormley (Wellington)
- 2:55pm Australian Single Centre Outcome of Type A Aortic Dissection Repairs spanning 10 Years
CS002 Jose Nadal (Adelaide)
- 3:10pm Predictors and sequelae of post-cardiac surgery cardiac arrest
CS003 Mostafa Alwan (Melbourne)
- 3:25pm Discussion
- 3:30pm - 4:00pm **AFTERNOON TEA - TUESDAY**
Bangkok Convention Centre A2
- 4:00pm - 5:30pm **IMPROVING OUTCOMES IN CARDIOTHORACIC SURGERY**
(Combined with: Pain Medicine)
Lotus Suite 6
Chairs: **Lisa Lim (Wellington) and Sivendran Seevanayagam (WATSONIA)**

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| 4:00pm | Bundles of care to reduce pain in thoracic trauma James More (Wellington) |
| 4:20pm | Rapid recovery pathways to improve outcomes in cardiac surgery Adam El Gamel (Hamilton) |
| 4:40pm | Off pump surgery in Thailand Permyos Ruengsakulrach (Bangkok, Thailand) |
| 4:55pm CS004 | Analgesia Following Surgical Stabilisation of Rib Fractures Annelise Cocco (South Yarra) |
| 5:10pm CS005 | An initial experience with surgical management of rib fractures Aditya Benjamin (Sydney) |
| 5:25pm | Discussion |

WEDNESDAY 8 MAY

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| 8:30am - 10:00am | THORACOTOMY - WHEN AND HOW (Combined with: Trauma Surgery) Lotus Suite 7 Chairs: Jeremy Hsu (Sydney) and Mary Langcake (Sydney) |
| 8:30am | EDT Scott D'Amours (Sydney) |
| 8:45am | Urgent thoracotomy in OR Li Hsee (Auckland) |
| 9:00am | Is RT worthwhile in a low volume environment Kjetil Soreide (Bergen, Norway) |
| 9:15am | Cardiac injuries and the General Surgeon Narain Chitrosniramit (Chiangmai, Thailand) |
| 9:30am | Discussion |
| 8:30am - 10:00am | EDUCATION AND TRAINING IN CARDIOTHORACIC SURGERY Lotus Suite 6 Chairs: Julie Mundy (Brisbane) and Permyos Ruengsakulrach (Bangkok, Thailand) |
| 8:30am | The future of cardiothoracic selection and training in Australia and New Zealand Sivendran Seevanayagam (WATSONIA) |
| 8:50am | Simulation in surgical training Andrew Choong (Singapore) |
| 9:10am CS006 | Immunosuppression Agent Cyclosporine Reduces Self-Renewal and Vessel Regeneration Potentiation of Human Endothelial Colony Forming Cells Josue Alexis (Brisbane) |
| 9:20am | Pre-operative cigarette smoking and short-term morbidity & mortality after cardiac surgery: a meta-analysis Nicholas Bayfield (Fremantle) |
| 9:30am CS007 | Socio-economic disparity is not linked to outcome following heart transplantation in New Zealand Andrei Belyaev (Auckland) |

- 9:40am Time Between Diagnosis and Surgery in Type A Aortic Dissection - Another Independent Risk Factor?
CS008 **Jose Nadal (Adelaide)**
- 9:50am Discussion
- 10:00am - 10:30am **MORNING TEA - WEDNESDAY**
Bangkok Convention Centre A2
- 10:30am - 12noon **PLENARY SESSION**
GLOBAL HEALTH
World Ballroom B
- 12:30pm - 1:30pm **LUNCH - WEDNESDAY**
Bangkok Convention Centre A2
- 1:30pm - 2:00pm **KEYNOTE LECTURE**
Lotus Suite 6
Chairs: **Sean Galvin (Wellington) and Lisa Lim (Wellington)**
- Current evidence for the management of Pulmonary Metastatic disease
A/Prof. Sivendran Seevanayagam (WATSONIA)
- 2:00pm - 3:30pm **THORACIC SURGERY**
(Combined with: Surgical Oncology)
Lotus Suite 6
Chairs: **Sean Galvin (Wellington) and Lisa Lim (Wellington)**
- 2:00pm Assessing the high risk thoracic surgical patient
James Moore (Wellington)
- 2:15pm The place of the sub lobar resection
- 2:30pm Radical thoracic resections case examples
Sivendran Seevanayagam (WATSONIA)
- 2:45pm Expression of Cancer Stem Cell Markers in Lung Adenocarcinoma
Claudia Paterson (Dunedin)
- 3:00pm Laparoscopic trans-hiatal thoracic duct clipping - a novel technique in treatment of chylothorax
CS009 **Julia Jones (Sydney)**
- 3:15pm Discussion
- 3:30pm - 4:00pm **AFTERNOON TEA - WEDNESDAY**
Bangkok Convention Centre A2
- 7:00pm - 10:30pm **SECTION DINNER (TICKETED EVENT)**

THURSDAY 9 MAY

2:00pm - 3:30pm **BLUNT AORTIC INJURY**
(Combined with: Trauma Surgery)
Lotus Suite 7
Chairs: **Scott D'Amours (Sydney) and Kate Martin (Melbourne)**

2:00pm Incidence and diagnosis
Ian Civil (Auckland)

2:15pm Is there a role for surgery
Andrew Liang (Singapore)

2:30pm Endoluminal approach
John Crozier (Sydney)

2:45pm Complications of stent repair
Fred Luchette (Maywood, USA)

3:00pm Discussion

3:30pm - 4:00pm **AFTERNOON TEA - THURSDAY**
Bangkok Convention Centre A2

FRIDAY 10 MAY

8:30am - 10:00am **REGISTRIES ROUND TABLE**
(Combined with: Quality & Safety / Surgical Directors, Bariatric Surgery, Breast Surgery, Endocrine Surgery, HPB Surgery, Orthopaedic Surgery)
Lotus Suite 11
Chairs: **James Aitken (Nedlands) and Sally Langley (Christchurch)**

8:30am Designing the Perfect Registry
Amir Ghaferi (Ann Arbor, USA)

8:50am The role of Registries in quality improvement
Hamilton Hall (Toronto, Canada)

9:10am Australasian Breast Device Registry
Elisabeth Elder (Sydney)

9:20am Results from the First Year of the Australian and New Zealand Thyroid Cancer Clinical Quality Registry
QA003 **Jonathan Serpell (Melbourne)**

9:30am The UGI view: ANZGOSA and the Cancer Registry
Andrew MacCormick (Auckland)

9:40am Discussion

10:00am - 10:30am **MORNING TEA - FRIDAY**
Bangkok Convention Centre A2

POSTER ABSTRACTS

These posters may be viewed on the screens in the Exhibition area. The posters will also be available on the Virtual Congress

Large air-filled intra-pulmonary bronchogenic cyst associated with tension pneumothorax during air travel

Nicholas Bayfield (Fremantle)

CS010P A 5 year review of transfusions associated with cardiac surgery and their compliance with national guidelines

Stephen Kunz (Melbourne)

CS013P Long-Term Outcomes of Surgery for Isolated Partial Anomalous Pulmonary Venous Drainage in Children

Michael Zhu (Melbourne)

CS014P Surgical Decision-Making in Uncomplicated Type B Aortic Dissection - A Survey of Australian/New Zealand and European Vascular Surgeons

Bijit Munshi (Perth)

CS016P The use of a physician-modified fenestrated endovascular graft to repair an abdominal aortic aneurysm

Warren Fayers (Brisbane)

CS012P An Unusual Cause of Upper Gastrointestinal Bleeding

Charlotte Frost (Brisbane)

CS011P A rare case of ecstasy-associated spontaneous pneumomediastinum and subcutaneous emphysema in a young adult with acute lymphoblastic leukemia

Chi Fai Tsang (Sydney)

CS015P The re-birth of the Vineberg procedure? A historical perspective and a case study of successful internal mammary artery implantation in a "full-metal jacket" left anterior descending artery

Hajar Hasan Kheslat (Christchurch)