27th Annual Congress of the Association of Thoracic and Cardiovascular Surgeons of Asia
16 - 19 November 2017
Melbourne Convention and Exhibition Centre, Australia

Proudly hosted by
Australian & New Zealand Society of Cardiac & Thoracic Surgeons

www.atcsa2017.com
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Welcome

We would like to extend a warm welcome to the 27th Annual Congress of the Association of Thoracic and Cardiovascular Surgeons of Asia (ATCSA 2017). The Australian & New Zealand Society of Cardiac and Thoracic Surgeons is very proud to host the Congress from 16 – 19 November 2017 at the Melbourne Convention and Exhibition Centre, Melbourne, Australia.

The ATCSA has always been a wonderful opportunity for colleagues from Asia, the Middle East and the Pacific to come together to share their experience and learn from each other in an open and inclusive forum.

The distinguished international faculty will be actively involved in all aspects of the program from lectures to group discussions to workshops and hands-on wet labs. The scientific program will be diverse and cater for all interests, with a focus on areas of importance to the region. Evolving areas in cardiac and thoracic surgery will be covered and there will be a Techno Practicum focusing on the interface between surgeons and cardiologists.

A highlight of the Congress will be various pre-congress activities covering complex mitral valve management, aortic valve/root reconstruction, thoracic, aortic arch, and coronary surgery. The Nurses Education Day and Trainees education programs will target areas specific to these attendees. There will be a number of excellent wet labs and dry labs including an excellent Minimally Invasive Thoracic Workshop.

Melbourne is a wonderful cosmopolitan city with an array of attractions too numerous to mention.

We look forward to seeing our old friends and to making new ones.

Regards

ATCSA 2017 Organising Committee
Sponsors

Platinum:

Edwards

Also sponsors of the Trainees Workshop, a Pre-Congress Symposium / Wet Lab, a Masterclass and the Nurses Education Day including the Nurses Wet Lab.

Gold:

LivaNova

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Also sponsors of a Pre-congress Symposium / Wet Lab and the Nurses Education Day.

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Invited Speakers

Associate Professor Shanda Blackmon

Shanda H. Blackmon, M.D., M.P.H., F.A.C.S., limits her practice to thoracic surgery, with a special interest in minimally invasive surgery and innovation. Dr Blackmon completed college at The University of Texas in Austin where she worked as an artist painting for a year after college. She then completed a Master’s Degree, Medical School, and General Surgery training in Atlanta, Georgia by 2003. She then completed Cardiothoracic Surgery Residency at Baylor College of Medicine in Houston, Texas. She was awarded the Clinical Instructorship position in thoracic surgical oncology at The University of Texas MD Anderson Cancer Center, and was then recruited to build a Division of Thoracic Surgery at Houston Methodist Hospital. Dr Blackmon was Chief of the Division of Thoracic Surgery at Houston Methodist Hospital for eight years, serving as the Director of The Methodist Multidisciplinary Thoracic Tumor Board and Director of the Lung Cancer Screening Program. She has now joined 5 other surgeons at Mayo Clinic in Rochester, MN, where she currently is Associate Professor and Consultant in the Division of Thoracic Surgery, Department of Surgery. She currently is the Principal Investigator or a Co-Investigator at Mayo Clinic in several clinical trials addressing novel technology such as cryotherapy to the pleura for mesothelioma, lung ablation, and endoluminal technology. She treats mediastinal tumors, lung cancer, mesothelioma, esophageal cancer and diseases of the esophagus. She teaches regular courses on endoluminal techniques and VATS lobectomy. She also does robotic surgery and is a leader in minimally invasive chest wall and hybrid superior sulcus tumor resection. She has developed a specialized team to reconstruct the esophagus with jejenum, leads a multi-disciplinary lung ablation team, has patented a novel esophageal anastomotic buttressing device, and utilizes a hybrid room for complex lung navigation cases. She is also a pioneer in three dimensional printing and building prototypes for complex thoracic resections using unique imaging modalities. She has developed a computerized patient management system for following patients after esophageal reconstruction.

She is Board-certified by the American Board of Surgery and the American Board of Thoracic Surgery. She is a member of AATS, WTS, STS, STSAC, ACS, AWS, SAGES, and GTSC. She serves on the following boards or councils: TSFRE, STS, WTS, ATS, STSAC, and the ACS Thoracic Advisory Council. Dr Blackmon has published several professional papers and textbook chapters, edited many textbooks, and has made numerous scientific presentations on the topics of thoracic surgery, thoracic oncology, new technology, and minimally invasive surgery. Her book on Esophageal Disease and Intervention was just published by Springer. She is a current Deputy Editor for The Annals of Thoracic Surgery.

Dr Michael Borger

Dr Michael Borger completed his cardiac surgery training and a PhD in Clinical Cardiovascular Sciences at the University of Toronto, Canada in 2001. After completing a one-year fellowship with Dr Fred Mohr at the Leipzig Heart Center in 2002, he took a position as Staff Cardiac Surgeon at the Toronto General Hospital and Associate Professor of Surgery at the University of Toronto from 2002 to 2006 under the mentorship of Dr Tirone David. In 2006, Dr Borger returned to Germany as a staff surgeon at the Leipzig Heart Center. He became Professor of Surgery at the University of Leipzig in 2008 and was appointed as Assistant Director of the Leipzig Heart Center in 2009. In 2014, Dr Borger became the Director of Aortic Surgery and the Director of the Cardiovascular Institute at Columbia University Medical Center (CUMC) in New York. He was also appointed the George H. Humphries Professor of Surgery at CUMC. In 2017, Dr Borger returned to Leipzig as the Director of Cardiac Surgery at the Leipzig Heart Center.

Dr Borger’s clinical and research interests include aortic surgery, minimal invasive and percutaneous valve procedures, aortic and mitral valve repair surgery, and ischemic mitral regurgitation. He is an author on over 300 peer-reviewed publications and sits on the Editorial Board of the Journal of Thoracic and Cardiovascular Surgery, the Canadian Journal of Cardiology, and AORTA. He is also the Associate Editor for the Thoracic Vascular section of the European Journal of Cardiothoracic Surgery, and an Associate Editor for the journal Structural Heart: The Journal of the Heart Team.

Dr Duke Cameron

Dr Duke Cameron is a graduate of Harvard College and Yale Medical School. He completed his general surgery training at Yale-New Haven Hospital and his cardiothoracic fellowship training at the Johns Hopkins Hospital. After his training, he remained on the faculty at Johns Hopkins, and rose to the rank of Professor and Cardiac Surgeon-in-Charge, as well as the Director of the Dana and Albert “Cubby” Broccoli Center for Aortic Diseases. He joined the staff at the Massachusetts General Hospital in Boston in 2017, where he now focuses on surgery for aortic and adult congenital heart disease. He has a longstanding interest in aortic surgery for Marfan syndrome, Loeys-Dietz syndrome and other connective tissue disorders. He has edited several textbooks in adult and pediatric cardiac surgery and authored over 190 peer reviewed papers. He is president-elect of the American Association for Thoracic Surgery.
Invited Speakers (cont’d)

Dr Kuan-Ming Chiu

Dr Chiu has performed more than 5000 cardiac operations, including over 3000 CABG, more than 1500 valve surgeries, and 53 heart transplants. The core competencies of his team at Far Eastern Memorial Hospital (FEMH) are in off-pump coronary artery bypass (OPCAB) and minimally invasive cardiac surgery (MICS). In August 2010, Dr Chiu and his team initiated the Da Vinci cardiac surgery procedures and performed 52 such operations in past months. FEMH is considered a leader in endoscopic vessel harvest (EVH) procedures [more than 2100 cases of EVH experience, including 130 endoscopic radial artery harvests] and is also a premier training center in Asia. Several foreign cardiac surgeons have been to FEMH for EVH and MICS training. More than 85% of the isolated CABG procedures he performed were OPCAB. More than 85% of valve procedures at FEMH are performed via the sternum-sparing approach (MICS). Dr Chiu has been invited for oral presentations and live demonstrations of his OPCAB and sternum-sparing MICS techniques in Japan, China, Hong Kong, Macau, Vietnam, Malaysia and North Korea. Dr Chiu is also one of the principal investigators of the Einstein Study and the Hokusai Study. He has been invited to present the novel oral anticoagulant, factor Xa inhibitor in several important international symposiums.

Assistant Professor Andrew Choong

Andrew Choong is a consultant vascular, endovascular and aortic surgeon at the National University Heart Centre, Singapore and an Assistant Professor in the Department of Surgery of the Yong Loo Lin School of Medicine, National University of Singapore.

He graduated from the Imperial College School of Medicine and underwent higher surgical training on the North-West Thames rotation of the London Deanery. He completed his training as the international fellow at the Royal Brisbane and Women’s Hospital, Queensland, Australia and senior registrar at the Imperial Vascular Unit at St Mary’s Hospital, London. During this time, he became a Fellow of the Royal College of Surgeons of England and was awarded his Certificate of Completion of Training in the UK.

He is the 2012 recipient of the Royal College of Surgeons of England HJ Windsor prize and in 2014, by examination, was awarded the Fellowship of the European Board of Vascular Surgery with Honours, for the highest overall examination performance of all candidates.

His clinical area of expertise is complex aortic surgery, both open, hybrid and endovascular. His research interests are broad but he is particularly interested in the application of computational flow dynamics and 3D printing on the understanding of complex aortic pathologies and improving the outcomes in complex aortic surgery.

An active clinical researcher and supervisor, Andrew has published over 80 publications (peer reviewed journals, book chapters and invited articles) and over 100 presentations at international conferences and is core faculty for the National University Health System Research Residency Programme.

Dr Taweesak Chotivatanapong

Dr Taweesak Chotivatanapong is now serving as a PCU Director of Bangkok Heart Center, BDMS hospital network in Bangkok. He also serves as The Chairman of International Academic Institute Program of Central Chest Institute of Thailand. After receiving his training for CVT surgery in Thailand, he received further training in Australia and USA. He currently is the President of The Society of Thoracic Surgeons of Thailand. Most of his research is focused on Mitral Valve Repair, Ross operation for infective AV and especially in Rheumatic Valve Repair.

Dr Jeswant Dillon

Dr Dillon is the Head of Department of Cardiothoracic Surgery at the National Heart Institute, Kuala Lumpur, Malaysia. He obtained his MD from National University of Malaysia, the FRCS from Royal College of Surgeons of Edinburgh and completed the advanced fellowship in cardiothoracic surgery from the Mayo Clinic, USA. He has the largest experience in the country for several cardiothoracic procedures including minimally invasive mitral valve and aortic valve surgery, Maze procedure, sutureless aortic valve replacement, transcatheter aortic valve implantation, endoscopic thoracic sympathectomy and minimally invasive repair for pectus excavatum.

Nurturing an interest in innovation, he pioneered several therapies in the Asia Pacific region including endoscopic ablation for atrial fibrillation, mitral valve repair with biodegradable annuloplasty, awake coronary artery bypass grafting and sutureless Percival AVR. In 2014, he performed the first-in-man minimally invasive implant of the VenTouch device for functional mitral regurgitation.

He has several publications in journals like Journal of Thoracic & Cardiovascular Surgery, European Journal of Cardiothoracic Surgery and Annals of Thoracic Surgery. He is also an invited reviewer for the JTCSV and Annals of Cardiothoracic Surgery. In 2015, he was an invited faculty to the Birmingham Review Course in Cardiothoracic Surgery in the United Kingdom. He was also a panellist on the 1st International Round Table webinar on “Mitral Valve Repair in Rheumatic Heart Disease”
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in 2015. He is a founding member and chairman of the Asia Pacific Valve Repair Group. He currently serves as a trainer-proctor to several medical companies training many cardiac surgeons in valve repair, minimally invasive surgery, suture less valve and Maze surgery.

Dr Sean Grondin
Sean C. Grondin, M.D., M.P.H., is Professor and Head, Department of Surgery, University of Calgary. In 1998, Dr Grondin completed his thoracic surgery residency at the University of Toronto. He subsequently completed a thoracic oncology fellowship at the Brigham and Women’s Hospital in Boston and a Master’s Degree in Clinical Effectiveness at the Harvard School of Public Health. From 1999 to 2000, Dr Grondin finished a second fellowship in Minimally Invasive Thoracic Surgery at the University of Pittsburgh. Dr Grondin’s particular areas of interest include all aspects of thoracic oncology (lung and esophageal cancer, mediastinal malignancies, and mesothelioma). Dr Grondin is also interested in surgical workforce planning and the development of leadership skills for trainees.

Dr David Holzhey
Medical school in Leipzig (GER) training under Prof. Mohr in Leipzig.

Board exam for cardiac surgery in 2008, Consultant for cardiovascular surgery in Zurich (CH) and for cardiac surgery in Leipzig (GER).

Main interests and research fields: human factors in cardiac surgery, minimally invasive bypass surgery, minimally invasive valve surgery and catheter based valve interventions.

Dr Krishna Iyer
Dr Krishna Iyer is one of India’s senior pediatric cardiac surgeons, recognised for his clinical expertise and wide ranging involvement with cardiac care for children in India and other developing nations.

Dr Iyer completed his M.B.B.S, M.S. and M.Ch. from All India Institute of Medical Sciences (AIIMS), New Delhi. Post education, he joined the cardiac surgery department of AIIMS and was Additional Professor at AIIMS before moving to Escorts Heart Institute in 1995 to set up its pediatric cardiac care division. He trained in pediatric and infant cardiac surgery at the Department of Pediatric Cardiac Surgery at the Royal Children’s Hospital, Melbourne, Australia. Since his return he has endeavored to popularize the specialty of pediatric and congenital heart surgery in India.

Dr Iyer began the first dedicated pediatric cardiac care program in North India at Escorts Heart Institute Research Centre (now Fortis-Escorts Heart Institute) in 1995. Under his guidance, this pediatric cardiac program has become the benchmark for cardiac care for children in India and its South East Asian neighbours. The department caters not only to children from all parts of India but also to international patients from over 15 countries. He has performed original work on rapid two-stage arterial switch procedures and performed the first successful rapid two stage arterial switch and double-switch operations in India.

His current interests are in establishing benchmarks for outcomes in congenital heart disease, perfecting complex neonatal cardiac surgery, salvaging late presenters of congenital heart disease, and developing cost effective cardiac care for children in developing countries.

He has contributed prolifically to furthering the cause of pediatric cardiac care through more than one hundred research publications in national and international journals, authoring sections in medical books on paediatric and neonatal cardiac surgery and travelling to cities across India and abroad to deliver lectures.

He was the Founding President of Asia-Pacific Pediatric Cardiac Society and President of Pediatric Cardiac Society of India. He is on the steering committee of the World Congress of Pediatric Cardiology and Cardiac Surgery and an international member of the AATS. He has been instrumental in supporting pediatric cardiac programs in Bangladesh, Indonesia, Nepal and Malaysia.

He has completed 11,000 surgeries for congenital heart disease at FEHI since 1995 and a total of 14,000 surgeries for congenital heart disease.

Dr Teresa Kieser
Teresa M. Kieser, MD, PhD is a Consultant Cardiothoracic and Vascular (CVT) Surgeon, Associate Professor at Foothills Medical Centre at the Libin Cardiovascular Institute of Alberta, University of Calgary. She was board certified in General Surgery in Canada and USA in 1985 and in Cardiovascular and Thoracic Surgery in 1986 in Canada.

Immediately upon completion of residency she started the Cardiac Surgery Program at Foothills Medical Centre, University of Calgary in Jan 1988 with performance of the first heart surgery on September 12, 1988. Her areas of interest include total arterial revascularization, (predominantly with bilateral
Invited Speakers (cont’d)

mammary arteries), skeletonization with harmonic technology, intraoperative assessment of graft patency (TTFM and ECUS) and off-pump CABG.

She receives international invitations to speak as well as to operate – (Kazakhstan, Astana 2010 and Almaty 2013 and Varna, Bulgaria 2013) to demonstrate and teach BIMA grafting. She defended her PhD thesis, ‘Building a Better Bypass with Emphasis on Bilateral Internal Mammary Grafting’, on October 8, 2015 at Erasmus University, Rotterdam under Promotor Prof Dr A.P. Kappetein. She teaches for the EACTS Academy in Windsor England (Level 1 Skills Program) and as a Level 4 instructor for visiting European delegates to the University of Calgary.

Dr Mohamed Ezani Taib

Dr Mohamed Ezani is a senior consultant cardiothoracic and transplant surgeon at the National Heart Institute (IJN), Kuala Lumpur. He is also the head of IJN Private Healthcare Division. He was formerly the Clinical Director of Thoracic Transplantation and Mechanical Heart Devices and department Head of Cardiothoracic surgery at the same Institute.

He graduated from University of Malaya, Kuala Lumpur and obtained his FRCS from Glasgow. He was subsequently trained at the Alfred Hospital, Melbourne, Papworth Hospital, Cambridge and Heart and Diabetes Center, Bad Oeynhausen.

Dr Ezani was the pioneering team member of Malaysia’s heart transplant team, he performed Malaysia’s first single lung, double lung transplant and heart-lung transplant. He was responsible for setting up the LVAD in IJN and became a regional lead surgeon and proctor in LVAD. He has personally performed almost all the transplant and LVAD surgery in the country.

His other interest includes minimally invasive CABG, valve and lung resections and one of the largest series of MIS-CABG in the country.

Currently he is actively involved in hospital management and leads many hospital projects especially in health economics within IJN. He is also one of the trainers for the cardiothoracic training program in Malaysia.

He was formerly the President of ATCSA and MACTVS (Malaysian Association of Thoracic and Cardiovascular Surgery). In recognition of his services, Dr Ezani had received awards from the HRH King of Malaysia and HRH Sultan of Perak.

Invited Speakers (cont’d)

Aneurysm of the Aortic Root) comparing this approach with the mechanical Bentall procedure. As chairman of the aortic valve repair group from the Heart Valve Society, he gathered a large international consortium of physicians and scientists involved in dystrophic aortic insufficiency and root aneurysm management who initiated the international AVIATOR registry. Their goal is to combine forces and share experience to address key epidemiological issues and raise better medical evidence for surgical indications as well as the place of repair versus replacement in aortic valve surgery. He has authored or co-authored over 50 publications and organises an annual aortic valve repair master class.

Dr Emmanuel Lansac

Dr Emmanuel Lansac is a valve specialist in cardiac surgery, in the Department of Cardiac Pathology of the Institut Mutualiste Montsouris, Paris. He did his surgical training in Paris Hospital and learned mitral valve repair with Professor A Carpenter and Professor C Acar. In 2000, he did his PhD in dynamic anatomy of the aortic valve complex with Professor Duran at The International Heart Institute of Montana Foundation, USA. Since then he developed a standardized and physiological approach to aortic valve repair for aortic root aneurysms and/or isolated aortic insufficiency, based on a new expandable aortic ring annuloplasty. Emmanuel Lansac is the main investigator of the prospective multicentric CAVIAAR trial (Conservative Aortic Valve surgery for aortic Insufficiency and
General Information

Venue
The meeting will be held at the Melbourne Convention and Exhibition Centre from Thursday 16 November to Sunday 19 November 2017. For further information please visit: www.mcec.com.au

Registration Desk
The registration desk is located on the Level 2 Foyer, Melbourne Convention and Exhibition Centre.

Opening Hours:
Thursday 16 November 2017 7:00am to 5:00pm
Friday 17 November 2017 7:00am to 6:00pm
Saturday 18 November 2017 6:45am to 6:00pm
Sunday 19 November 2017 8:00am to 12:30pm

Speakers’ Support Centre
The Speakers’ Support Centre is located in Room 205, Level 2, Melbourne Convention and Exhibition Centre. It is essential that all speakers check-in at the Speakers’ Support Centre no less than two sessions prior to presenting.

Name Badges
Your name badge is essential for entry into the Congress. Please collect your name badge from the registration desk prior to entering the scientific sessions and industry exhibition area.

Dress
Scientific Sessions: Smart Casual
Welcome Reception: Smart Casual
Congress Dinner: Smart Casual (no denim)

Continuing Professional Development
This educational activity has been approved in the RACS CPD Program. Fellows who participate can claim one point per hour (maximum 19 points) in Maintenance of Knowledge and Skills. Participation in this activity will be populated into your RACS CPD Online.

Certificate of Attendance
Delegates requiring a certificate of attendance should register their request with staff at the registration desk and certificates will be emailed to these delegates after the conclusion of the meeting.

Posters
Scientific posters will be displayed electronically at poster stations located in the industry exhibition area.

Internet Facilities
Network: ATCSA2017
Password: ATCSA2017

Dietary Requirements
Please note that the venue is responsible for all catering at the meeting and ATCSA/Meeting Organiser does not inspect or control food preparation areas or attempt to monitor ingredients used. You should contact the venue directly for all special dietary requirements during the meeting, irrespective of whether details have been provided to ATCSA/Meeting Organiser. If ATCSA/Meeting Organiser requests information about your dietary requirements for a specific event ATCSA/Meeting Organiser will endeavour to forward the information provided to the venue (time permitting). ATCSA/Meeting Organiser will not retain information provided for future events, so you must verify your requirements for each event. Even if information is requested or provided, ATCSA/Meeting Organiser takes no responsibility for ensuring that the venue acknowledges your dietary requirements or that these requirements can be met. In all cases you must verify for yourself that your dietary requirements have been met and ATCSA/Meeting Organiser refutes any and all liability for any failure to adequately provide your special dietary requirements or any consequential damage resulting from such failure.

Official Functions
ATCSA Welcome Reception
Date: Thursday 16 November 2017
Time: 6:00pm to 9:00pm
Venue: Level 2 Foyer, Melbourne Convention and Exhibition Centre
Cost: Complimentary for registered delegates
Additional tickets cost $95.00 per person.
Tickets are essential. If you would like to purchase an additional ticket, please visit the registration desk regarding availability.

ATCSA Congress Dinner
Date: Saturday 18 November 2017
Time: 7:00pm to 11:00pm
Venue: Great Hall, National Gallery of Victoria
180 St Kilda Road, Melbourne
Cost: $170.00
Tickets are essential. If you would like to purchase an additional ticket, please visit the registration desk regarding availability.
Transfers: Please meet at the main entrance, Melbourne Convention Centre, coach parking opposite the Pan Pacific Melbourne at 6:20pm sharp for 6:30pm departure.
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*compared with standard Prolene® suture

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General Information (cont’d)

Business Meetings

Reviewing the Review
Heart, Lung and Circulation Session
Date: Thursday 16 November 2017
Time: 5:00pm to 6:00pm
Venue: Room 208

ANZSCTS Annual General Meeting
(ANZSCTS Members Only)
Date: Friday 17 November 2017
Time: 5:45pm to 6:30pm
Venue: Melbourne Room 2

ATCSA Council Member Meetings
Date: Friday 17 – Saturday 18 November 2017
Time: 9:00am to 1:00pm
Venue: Room 210

Chair and Supervisors Meeting and
SET Trainee Feedback Session
Date: Friday 17 November 2017
Time: 1:30pm to 4:00pm
Venue: Room 206

Congress Organisers
Conferences & Events Management
Royal Australasian College of Surgeons
College of Surgeons Gardens
250 -290 Spring Street
East Melbourne VIC 3002
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Aubrey Almeida ANZSCTS Vice President
Andrew Cochrane ANZSCTS Science and Education Chair
and Chief Scientific Convener
Paul Bannon ANZSCTS Past President and
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Julian Smith Scientific Convener
Sean Galvin Scientific Convener
Philip Hayward Scientific Convener
Phillip Antippa Scientific Convener
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Homayoun Jalali ANZSCTS
Yishay Orr ANZSCTS
Rochelle Wynne Nurses Convener
Michael Nugara ANZSCTS CEO
Nick Danes ANZSCTS COO
Industry Exhibition  Level 2, Melbourne Room 1

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Nurses Education Day

THURSDAY 16 NOVEMBER 2017
8:00am – 5:00pm
Meeting Room 203

8:00am  Welcome
Rochelle Wynne

8:15am - 10:00am  Session One: Trends in Contemporary Cardiothoracic Care
8:15am  The Changing Spectrum of Adult Congenital Heart Surgery
Marco Larobina
8:45am  Contemporary Trends in Aortic Surgery
Paul Bannon
9:15am  Contemporary Trends in Thoracic Surgery
Shanda Blackmon
9:45am  Practice Patterns in Contemporary Cardiothoracic Patient Care
Rochelle Wynne

10:00am - 10:30am  MORNING TEA

10:30am - 11:00am  Cardiac Ultrasound: Application and Anatomical Structures at Point of Care
Alistair Royse

11:00am - 1:00pm  WET LAB: NURSES WET LAB
Meeting Room 210
MV Repair +/- Annuloplasty

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11:00am - 1:00pm  Session Two: Hands On Workstations and Cardiac Advanced Life Support (CALS)
11:00am - 12noon  Group A: Hands On / Group B: CALS
12noon - 1:00pm  Group B: Hands On / Group A: CALS

Hands On Topics:
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Edwards: TAVI Crimping and Intuity Rapid Deployment Workstation
Johnson & Johnson: Wound Closure Dressings, Thoracic Stapling and Rib Fixation
Medtronic: AF ablation, Stabilisers
LivaNova: Perceval Valve Deployment
Abbott/St Jude: INR Monitoring, Mitra Clip Deployment, Mechanical Valves

1:00pm - 2:00pm  LUNCH

2:00pm - 3:00pm  Session Three: Thoracostomy Tube Management
2:00pm  Pleurex Catheters; Acute Preparation for Ambulatory Care
Paula Nelson
2:20pm  Digital Drains; Improving the Accuracy of Intercostal Catheter Output Monitoring
Jess Compton
2:40pm  Criteria Led Removal of Thoracic Intercostal Catheters
Alicia McIntosh

3:00pm - 3:30pm  AFTERNOON TEA

3:30pm - 4:50pm  Session Four: Care of the Deteriorating Cardiac Surgical Candidate
3:30pm  Communication in the Context of the Deteriorating Cardiac Patient
Matt Jackson
3:50pm  The feasibility of MET Calls post Cardiothoracic Surgery
Rochelle Wynne
3:50pm  Nurse Led ECMO
Jayne Sheldrake
4:30pm  Trans-Aortic TAVI
Sally Kemp
4:50pm  Closing Remarks

14
Pre-Congress Activities

THURSDAY 16 NOVEMBER 2017

8:00am - 12:45pm  AORTIC VALVE AND AORTIC ROOT RECONSTRUCTION SYMPOSIUM
Meeting Room 204
Chairs: Adrian Pick and Paul Bannon

Supported by Edwards

8:00am The Evidence for Minimally Invasive Surgery
Silvana Marasco
8:15am Minimal Access AVR
Hugh Wolfenden
8:30am Update on the Percival Valve Experience
Simon Moten
8:50am The Alternative Choice of Minimally Invasive Aortic Surgery – The Parasternal Approach
Kuan-Ming Chiu
9:05am Perfusion and Myocardial Protection Options for Minimally Invasive Surgery
Theo Kofidis
9:30am Iuity Sutureless Valve
Ian Nicholson
9:45am Managing Difficult Situations in Minimally Invasive AVR and when to Convert
Michael Borger
10:00am MORNING TEA

10:30am Aortic Valve Repair – Influence of the Valve Phenotype
Emmanuel Lansac
10:50am The Ross Procedure vs Aortic Valve Repair
Peter Skillington
11:05am TAVR Versus Conventional Surgery and Valve-In-Valve TAVR
David Holzhey
11:25am Long Term Results of Aortic Valve Leaflet Extension
Hyuk Ahn
11:40am Valve Sparing Root Reconstruction and its Role in Marfan’s Syndrome
Duke Cameron
12noon Choosing the Correct Operation for Valve Sparing Root Replacement
Emmanuel Lansac

12:15pm Novel Ways of Teaching the David Procedure and Experience at RPAH
Paul Bannon
12:30pm Discussion – Which Technique and Where?

8:00am - 12:45pm  THORACIC SYMPOSIUM
Meeting Room 209
Chair: Phillip Antippa

Supported by

Section 1 – Pulmonary Metastasectomy
Radical Therapy for Oligometastastic Disease – Where is our Evidence?
Stephen Barnett
Surgical Options for Metastasectomy and the Role of Lymph Node Dissection
Phillip Antippa
Emerging Competition – Is Stereotactic Radiation a Viable Alternative and if so When?
Shankar Siva

Section 2 – Thymus Surgery
Staging update – TNM and Pathology
Alpha Tsui
Surgical Procedures for Thymectomy – Sternotomy to Robotic Approaches
Agasthian Thirugnanam
Thymectomy vs Thymomectomy – Is there a Role for Lesser Resection?
Morgan Windsor
Induction Strategies for Advanced Disease – What is the Role of Surgery in Stage 4 Disease?
Richard De Boer

Section 3 – Mesothelioma
A Historical Perspective – What Have We Inflicted Upon our Patients?
Simon Knight
Current Strategies to Maximise Palliation
Jacob McCormick
Is there Hope? And is Surgery Part of the Cure for Mesothelioma?
Gavin Wright
Pre-Congress Activities  THURSDAY 16 NOVEMBER 2017 (cont’d)

8:00am - 12:45pm  CONTROVERSIES IN THE AORTA AND ARCH SYMPOSIUM
Meeting Room 208
Chairs: Sean Galvin and Siven Seevanayagam

Supported by Abbott

8:00am - 9:30am  1. Cannulation strategies and organ protection
8:00am  Monitoring and Avoiding Organ Injury in Complex Thoracic Aortic Surgery
  Laurence Weinberg
8:15am  Aortic Arch Surgery – A Perfusion Perspective
  Bruno Marino
8:30am  Choice of Cannulation Site for Complex Aortic Pathology
  David McCormick
8:45am  Minimally Invasive Aortic Arch Surgery
  Tristan Yan
9:00am  3D Printing in Cardiovascular Surgical Simulation and Training
  Andrew Choong

9:15am - 9:30am  Panel Discussion / Questions
9:30am - 9:45am  BREAK
9:45am - 11:15am  2. Extent of intervention in ATAAD
  9:45am  Type A Aortic Dissection – KISS
    Peter Tesar
  10:00am  Branch First Arch Replacement in ATAAD
    Shoane IP
  10:15am  The Frozen Elephant Trunk in 2017
    Tristan Yan
  10:30am  Total Aortic repair in ATAAD – Indications and Lesson Learnt from an Early Experience
    Kes Wicks
  10:30am - 10:45am  Surgery for Type A Aortic Dissection – Should Everyone be Doing It?
    David Haydock
  10:45am - 11:15am  Panel Discussion / Questions
11:15am - 11:30am  BREAK
Pre-Congress Activities  THURSDAY 16 NOVEMBER 2017 (cont’d)

11:30am - 12:45pm  3. Extensive Aortic Interventions  
11:30am  Aortic Surgery in Adult Congenital Heart Disease  
          Marco Larobina  
11:45am  Novel Endovascular Approaches to Chronic Dissection  
          Mark Brooks  
12noon  Visceral Hybrid Procedures for Extensive Thoracoabdominal Aortic Pathology  
          Andrew Choong  
12:15pm  Bleeding and Major Aortic Surgery  
          Peter McCall  
12:30pm  The Endovascular Management of Mycotic Aneurysms in Asia  
          Andrew Choong  
12:30pm - 12:45pm  Panel Discussion / Questions

12:30pm - 1:15pm  LUNCH

8:00am - 12:45pm  CORONARY SURGERY SYMPOSIUM  
Meeting Room 207  
Chairs: Philip Hayward and Alistair Royse

Supported by  Medtronic

8:00am  Introduction
8:10am  Medistim: Use, Validity and Benefit  
        Teresa Kieser
8:40am  Medistim: False Reassurance and Limitations  
        Michael Vallye
9:00am  Medistim Discussion
9:15am  Role of FFR in Coronary Surgery  
        Dennis Wong
9:30am  Clinical Outcomes and ANZSCTS Data: What do they mean?  
        Julian Smith
9:45am  Are Arteries Really Better than Veins?  
        Philip Hayward
10:05am  Is Patency what Matters? Clinical Outcomes and Patency Data  
        James Tatoulis
10:25am  Full vs Strategic Incomplete Revascularisation  
        Teresa Kieser
10:45am - 11:15am  MORNING TEA

11:15am  Update on Recent Trials, Guidelines and Cohort Studies  
        Michael Vallye
11:35am  Hybrid Coronary Revascularisation  
        Theo Kofidis
11:55am  State of the Art PCI: What’s here, what’s coming?  
        James Sapontis
12:15pm  State of the Art Surgery: What’s Here, What’s Coming?  
        Theo Kofidis
12:30pm  Discussion

8:30am - 12noon  WET LAB: MITRAL REPAIR  
Meeting Room 211
Chairs: Aubrey Almeida and Son Wan

Supported by  LivaNova

8:30am  Anterior Leaflet Augmentation
        Taweesak Chotivatanapong

10:00am - 10:30am  MORNING TEA

10:30am  Use of Loop Chords  
        Trevor Fayers
11:15am  Memo 3D Rechord Use  
        Son Wan

1:00pm - 5:30pm  COMPLEX MITRAL VALVE SURGERY SYMPOSIUM  
Meeting Room 204
Chairs: Aubrey Almeida and Trevor Fayers

Supported by  LivaNova

1:00pm  What is Complex Pathology?  
        Aubrey Almeida
1:15pm  Valve Assessment – TEE  
        Helen Thomson
1:30pm  Valve Assessment – Intraoperative  
        Trevor Fayers
1:50pm  Repair Techniques – Resection  
        Philip Spratt
2:05pm  Repair Techniques – Artificial Chordae  
        Michael Borger
2:30pm  Leaflet Measurement Technique  
        Hugh Wolfenden
Pre-Congress Activities THURSDAY 16 NOVEMBER 2017 (cont’d)

2:45pm  Post-Op Echo Assessment
        Elli Tutungi

3:00pm - 3:30pm AFTERNOON TEA

3:30pm  Set Up for Robotic Mitral Surgery
        Simon Moten

3:45pm  Videoscopic Mitral Valve Surgery
        Kuan-Ming Chiu

4:00pm  A New Technique for Chordal Repair
        Prashant Joshi

4:10pm  Video Cases – Rheumatic Mitral Repair
        Taweesak Chotivatanapong

4:25pm  Video Cases – Ischaemic MR
        David Holzhey

4:40pm  Video Cases – Bileaflet Repair
        Jeswant Dillon

4:55pm  Video Cases – Calcific Annulus
        Masashi Ura

5:05pm  Discussion

1:30pm - 5:00pm WET LAB: AORTIC VALVE REPAIR/VALVE SPARING AORTIC ROOT REPLACEMENT
        Meeting Room 210

           Supported by Edwards

1:30pm  Methods for Aortic Valve Repair
        Emmanuel Lansac

3:00pm - 3:30pm AFTERNOON TEA

3:30pm  Techniques for Valve-Sparing Root Replacement
        Duke Cameron

1:30pm - 5:00pm WETLAB: MINIMALLY INVASIVE VALVE AND CORONARY SURGERY
        Meeting Room 211

           Chairs: Theo Kofidis, Jayme Bennett and Paul Bannon

           Supported by Medtronic

1.40pm  Group A – OPCAB (Standard and MI CABG)

           (4 Simulation stations rotating, 20 minutes at each station)

           • Coronary anastomosis – Vena-coronary anastomosis/vena-aortic proximal anastomosis

           • BEAT S1 simulation – inter-suture distance, computations flow dynamics, economy of movement

           James Woods

           • OPCAB simulator – Stabilisation, positioning for vessel access

           • MI OPCAB simulator – Procedure in 20 steps, set-up, troubleshooting, hands-on practice

           Theo Kofidis

1.40pm  Group B – Minimally Invasive AVR and MVR

           (4 Simulation stations rotating, 20 minutes at each station)

           • MI AVR – Tactile skills of operation technique and access required for MI AVR on bovine heart

           • MI MVR – Tactile skills of operation technique and access required for MI MVR on bovine heart

           • MI MVR – Using Fehling simulator, manual skills of operation technique required for MI MVR

           Groups switch to alternative stations:

           (4 Simulation stations rotating, 20 minutes at each station)

1.30pm  Group A – OPCAB (Standard and MI CABG)

           Review, Questions and Close

           Theo Kofidis

1.50pm  Group B – Minimally Invasive AVR and MVR

           Review, Questions and Close

           Theo Kofidis

3.30pm  Group A – OPCAB (Standard and MI CABG)

           Review, Questions and Close

           Theo Kofidis

4.50pm  Group B – Minimally Invasive AVR and MVR

           Review, Questions and Close

           Theo Kofidis

5:00pm - 6:00pm HEART LUNG CIRCULATION (HLC)

           SESSION

           Meeting Room 208

           “Reviewing the Review”

           6:00pm - 9:00pm WELCOME RECEPTION

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27th Annual Congress of the Association of Thoracic and Cardiovascular Surgeons of Asia

Scientific Program

Friday 17 November 2017

8:00am - 8:20am  Congress Opening
Melbourne Room 2
8:00am  Welcome – ANZSCTS
Trevor Fayers
8:10am  Welcome – ATCSA
Asit Baran Adhikary
8:20am - 10:00am  Techno Practicum (TPC) – Current Best Practice for Coronary Revascularization
Melbourne Room 2
Chairs: Homayoun Jalali and James Tatoulis
8:20am  A LIMA to LAD and Little Else Matters
Richard Chard
8:32am  All Arterial Grafting No Matter What
Alistair Royse
8:44am  How Should the Results of RAPCO Impact on CABG?
Philip Hayward
8:56am  Total Arterial Revascularisation – The Canadian View
Teresa Kieser
9:08am  Off Pump: Dead, Alive, Hibernation or Resurrecting?
John Brereton
9:20am  Off Pump CABG in Australia in 2017
Michael Valenty
9:32am  The Future of CABG Must Include Minimally Invasive and Hybrid
Theo Kofidis
9:44am  Case Presentation and Debate: Which Graft for Who and How?
James Tatoulis
10:00am - 10:30am  Morning Tea
Melbourne Room 1
10:30am - 12:30pm  Techno Practicum (TPC) – Current Best Practice for Adult Aortic Valve Disease
Melbourne Room 2
Chairs: Paul Bannon and Peter Skillington
10:30am  Aortic Valve Repair
Emmanuel Lansac
10:45am  Rapid Deployment and Sutureless AVR
Michael Borger
11:00am  Minimally Invasive AVR
Homayoun Jalali
11:15am  Trans-Femoral TAVI, Where is it Going to Stop?
David Holzhey
11:30am  Trans-Aortic TAVI: Is it Any Better than Surgical AVR?
Jayme Bennetts
11:45am  Sternotomy AVR Will Remain the Gold Standard for the Forseeable Future
Peter Tesar
12 noon  Case Presentation and Debate: Who Should Have What and by Whom?
Paul Bannon
12:15pm  Presentation – RACS President
John Batten
10:30am - 12:30pm  Esophageal Cancer
Meeting Room 204
Chairs: Gavin Wright and John Goldblatt
10:30am  Current State of Oesophageal Cancer in Melbourne
John Spaillane
10:50am  Patient Reported Outcome Measures (PROMS) After Esophagectomy
Shanda Blackmon
11:10am  Robotic Esophagectomy – What, How and Why?
Abbas El-Sayed Abbas
11:30am  Complex Esophageal Reconstruction with SPJ
Shanda Blackmon
11:45am  Neoadjuvant Therapy in Oesophageal Cancer
Michael Michael
### Scientific Program  FRIDAY 17 NOVEMBER 2017 (cont’d)

**12noon - 12:30pm**

**Total Gastrectomy with Partial Oesophagectomy Roux N Y**
Oesophageojunostomy for Adenocarcinoma Stomach and Lower Esophagus — Peshawar Experience of 478 Cases in 15 Years
Amer Bilal

**Surgical Outcomes of Robot Assisted Minimally Invasive Versus Open Esophagectomy for Patients with Esophageal Squamous Cell Carcinoma: An Inverse Probability of Treatment Weighted Analysis**
Byung Kwon Chong

**10:30am - 12:30pm**

**CONGENITAL HEART SURGERY – NEONATAE AND INFANT**
Meeting Room 203
Chairs: Ian Nicholson and Le Ngoc Thanh

**10:30am**
Current Management in HLHS
Shunji Sano

**10:45am**
Surgical Management of Late Presenting D-Transposition of the Great Arteries
Krishna Iyer

**11:00am**
Approach to Management of Neonatal Ebstein’s Anomaly
Christian Brizard

**11:15am**
Staged Decompression of the RV in Infants with PA/IVS
Shunji Sano

**11:30am**
Discussion

**11:50am**
Extremely Elevated BNP Predicts Poor Outcomes in Patients with Congenital Heart Disease?
Weidan Chen

**12noon**
Surgical Reconstruction for Congenital Tracheal Malformation
Huu Vinh Vu

**12:10pm**
Totally Endoscopic Cardiac Surgery for Partial Atrioventricular Septal Defect Repair Without Robotic Assistance
Huy Dang

**12:20pm**
Diagnosis Modalities and Repair Techniques of Anomalous Origin of The Left Coronary Artery from The Pulmonary Artery (ALCAPA) without Mechanical Assisted Device, Single Center Experience
Dicky Fakhri

**12:30pm - 1:15pm**

LUNCH
Melbourne Room 1

**1:15pm - 2:00pm**

**MINI-ORAL SESSION – THORACIC**
Meeting Room 204
Chairs: Gavin Wright and Young Tae Kim

**Early Results of Excision of 306 Cases of Primary Chest Wall Tumors in 15 Year Period**
Amer Bilal

**Our Evaluation for the Limited Resection to the Lung Cancer more than 20mm in Diameter or including Solid Part in half or more Size of Tumor Diameter**
Katsuo Kojima

**1:15pm**
Different Prosthetic Treatment Modalities for Chest Wall Reconstruction; Experience with 96 Patients
Dalokay Kilic

**1:20pm**
Surgery for Primary Tracheobronchial Neoplasms
Huu Vinh Vu

**1:35pm**
Peripheral Vascular Trauma: Review of 3000 Cases in Past 25 Years from June 1992 to June 2017
Anil Gupta

**1:40pm**
PEARS Procedure in Severe Pectus Excavatum
Josephine Mak

**1:45pm**
Pulmonary Metastectomy: A Consensus Statement
James Caristo

**1:50pm**
Primary Repair of Oesophageal Perforation, An Experience of 81 Cases
Amer Bilal

**1:55pm - 2:00pm**

**TRANSFUSIONS TRIGGERS IN CARDIAC SURGERY – THE OUTCOME OF THE TRICS TRIAL**
Melbourne Room 2
David Mazer and Alistair Royse
27th Annual Congress of the Association of Thoracic and Cardiovascular Surgeons of Asia

Scientific Program  Friday 17 November 2017 (cont’d)

1:15pm - 2:00pm  MINI-ORAL SESSION – MIXED CARDIAC
Meeting Room 203
Chairs: Robert Tam and Julie Mundy

1:15pm  Aortic Root Surgery After Acute Type A Aortic Dissection Repair
Kyokun Uehara

1:20pm  Long-Term Result of Aortic Valve Sparing Root Replacement Operation With Re-Implantation Technique (David Procedure)
Surin Woragidpoonpol

1:25pm  Aortic Coarctation: About 40 Cases
Redha Lakehal

1:30pm  Mortality from Cardiac Arrest after Cardiac Surgery – What can be done?
David McCormack

1:35pm  Minimally Invasive Aortic Valve Replacement Surgery Through Manubrium-Limited Sternotomy Approach
Mohammad Hassan Nezafati

1:40pm  The Use of Point of Care Testing for Monitoring of APTT in Patients Receiving Heparin Infusion is Not Safe
Timothy Surman

1:45pm  Redo Aortic Valve Replacement: Risk Factors for Postoperative Morbidity and Long-Term Survival
Marina Tan

2:00pm - 3:30pm  LUNG CANCER – SESSION 1
Meeting Room 204
Chair: Phillip Antippa and Young Tae Kim

2:00pm  Ground Glass Opacities and Lung Cancer – A Surgical Update
Morgan Windsor

2:15pm  Lung Ablation — SBRT vs Surgery?
Shanda Blackmon

2:30pm  Robotic Surgery for Lung Cancer, What can it Add?
Abbas El-Sayed Abbas

2:45pm  Is PET Always Required Before Lung Cancer Surgery?
Sean Grondin

3:00pm  3-port Thoracoscopic Segmentectomy for Primary Lung Cancer
Shinji Yuhara

3:10pm  Long Term Survival After Surgical Resection for Lung Cancer in a Regional Centre: A 13 Year Experience
James Ross

2:00pm - 3:30pm  ATRIAL FIBRILLATION SURGERY
Melbourne Room 2
Chairs: Simon Moten and Hyuk Ahn

2:00pm  The Pathophysiology of Atrial Arrhythmias
Andrei Catanchin

2:20pm  Cox Maze Procedure and Current Results
Michael Yi

2:35pm  Concomitant AF Treatment During Less Invasive Cardiac Surgery
Kuan-Ming Chiu

2:50pm  VATS Bipolar Radiofrequency Ablation with a Modified Box-Lesion Technique
Zheng Zhe

3:05pm  Hybrid Approaches for Atrial Fibrillation?
Adrian Pick

3:20pm  The Case for Routine Management of the LA Appendage
Michael Vallely

2:00pm - 3:00pm  THORACIC WAR INJURIES
Meeting Room 210
Amer Bilal

2:00pm - 3:30pm  ADULT CONGENITAL HEART SURGERY
Meeting Room 203
Chairs: Richard Chard and Peter Skillington

2:00pm  Approach to the Dilated Aortic Root in Repaired Conotruncal Defects
Krishna Iyer

2:20pm  Reoperations in Adults Following Repair of AVSD
Richard Chard

2:35pm  Surgical Management of Ebstein’s Anomaly in the Adult
Peter Skillington
Scientific Program  FRIDAY 17 NOVEMBER 2017 (cont’d)

2:50pm  Fresh Pericardial Valved Conduit for Reconstruction of Right Ventricular Outflow Tract in Tetralogy of Fallot with Pulmonary Stenosis or Pulmonary Atresia – Early Results
Akshay Chauhan

3:00pm  Single Surgeon Experience with the Ross Procedure for Treatment of Aortic Valve Disease
Stephanie Chan

3:10pm  Outcomes of Surgery for Infective Endocarditis in Children: A 30-Year Review
Brandon Khoo

3:20pm  Experience in Adolescent and Adult Congenital Cardiac Surgery over the First Decade of a New Program
William Shi

3:30pm - 4:00pm  AFTERNOON TEA
Melbourne Room 1

4:00pm - 5:30pm  RHEUMATIC HEART DISEASE AND SURGERY IN THE INDIGENOUS AUSTRALIAN POPULATION
Melbourne Room 2
Chairs: Bruce French and Tarmizi Hakim

4:00pm  Rheumatic Heart Valve Repair in Adults
Jeswant Dillon

4:15pm  Rheumatic Heart Surgery in Australia
Jayme Bennetts

4:30pm  Outcomes of Valve Replacement in Chronic RHD Patients Below 50 Years
Mohamed Ezani Taib

4:45pm  The Development of Cardi thoracic Surgery in Indonesia Towards the 40th Anniversary
Ito Puruhito

5:00pm  Myanmar Perspective of Cardiovascular Surgery
Khin Maung Lwin

5:10pm  Outcomes of Redo Valve Surgery in Indigenous Australians
Niamh Keenan

5:20pm  Practice of Thoracic and Cardiovascular Surgery at a Regional Referral Hospital in Kenya
Nikita Mehta

4:00pm - 5:45pm  LUNG CANCER – SESSION 2
Meeting Room 204
Chairs: Morgan Windsor and Agasthian Thirunagaran

4:00pm  Lung Cancer Genetics for Surgeons
Gavin Wright

4:15pm  Single Port VATS Atypical Segmentectomy and Subsegmentectomy
Yao Lin Tseng

4:30pm  Concurrent Surgery: Is it Justified?
Sean Grondin

4:45pm  Role of Surgery in Advanced Stage Lung Cancer
Young Tae Kim

5:00pm  Impact of Visceral Pleural Invasion on the Timing of Postoperative Recurrence in Non-Small-Cell Lung Cancer
Katsuuya Watanabe

4:00pm - 5:45pm  CONGENITAL HEART SURGERY – VALVE SURGERY AND FONTAN
Meeting Room 203
Chairs: Peter Grant and Shunji Sano

4:00pm  Valve Repair in Infancy
Krishna Iyer

4:20pm  The Valve-Sparing Root Replacement in Pediatric Patients
Duke Cameron

4:40pm  The Fontan Future
Ajay Iyengar

4:55pm  Are Two Ventricles better than one in the Fontan Circulation?
Supreet Marathe
The “Treat to Close” Strategy in the Modern Era: The Outcomes of Repair Surgery in Adults Developing Severe Pulmonary Arterial Hypertension with Congenital Heart Disease
Ming Wui Tung

The Results of 100 Extra-Cardiac Fontan Patients
Do Anh Tien

Hybrid Procedure for Ventricle Septal Defect Closure, our Early Experience in Indonesia
Yan Efrata Sembiring

Cost of Paediatric Heart Transplantation in Australia
Xin Tao Ye

Eleven-Year Outcomes after Isolated OPCAB Surgery at Bangkok Heart Hospital
Jamorn Udomkusonsri

Combination of TEVAR and Open Surgery for Complex Aortic Disease
An Nguyen

Is Double-Barreled Distal Anastomosis in Chronic descending Aortic Dissection with Reinforcement of Aortic Edge Justified?
Yoshide Shimamura

Interrupted Aortic Arch with Bicuspid Aortic Valve and Ascending Aortic Aneurysm in an Adult: A Case Report
John Andrew Yam

ANZSCTS ANNUAL GENERAL MEETING
Melbourne Room 2

MODERATED POSTER SESSION – CARDIAC
Level 2 Foyer
Chairs: Jeswant Dillon, Andrew Cochrane and Theo Kofidis

Post-Operative Cardiothoracic X-ray Protocols Deliver Low Clinical Yield and Results that are Not Cost Effective
Damian Gimpel

Intra-Aortic Balloon Pumps: A Review of Institutional Usage and Complications of Use
Edward Wang

Does Radial Artery Harvest adversely affect Forearm Blood Flow at Rest and Exercise?
Megan O’Donnell

Preoperative Anaemia in Cardiothoracic Surgery
Benson Nardino

Early Outcome Of Coronary Endarterectomy
Shanker Bhandari

Surgical Outcomes of Cardiac Valve Infective Endocarditis
Chan-Young Na

Aortic Root Surgery in Marfan Syndrome
Chan-Young Na

Predictors of Long-term Survival after Recurrence in Completely Resected Non-Small Cell Lung Cancer
Jae-Ik Lee

Surgical Options of Malignant Mesothelioma: A Single Center Experience
Seung Ri Kang

False Positivity of FDG-PET/CT in Patients with Isolated Mediastinal Lymph Node Involvement with Extrathoracic Malignancies
Alper Findikcioglu

Thorascopic Sympathectomy for Long QT Syndrome. Literature Review and Case Study
Timothy Surman

Trend Analysis for the Choice and Cost of Lung Cancer Treatment in South Korea, 2003-2013
Dohun Kim

Three-Port Thoracoscopic Bronchoplasty
Akira Kohno

Evaluation of Thoracomyoplasty in Chronic Empyema Thoracis – An Institutional Experience
Anurag Rai
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Scientific Program  FRIDAY 17 NOVEMBER 2017 (cont’d)

6:12pm Surgical Resection of Lung Adenocarcinoma 9:30am
20mm or Less in Diameter
Souichiro Suzuki

6:15pm Long-Term Result of Intentional Limited
Resection for GGO Dominant Adenocarcinoma
Takehiro Watanabe

6:18pm Is it true that Thorascoscopic Surgery Causes
Less Pleural Adhesion than Thoracotomy? –
Comparison Between Cases of Second
Surgery after Thorascoscopic Surgery and
Thoracotomy
Naoko Kimura

6:21pm VATS Diaphragmatic Plication with Mesh
Repair – A Novel Technique
Michelle Kim

SOUTHDAY 18 NOVEMBER 2017

7:15am - 8:15am BREAKFAST SESSION – EDWARDS
Meeting Room 203

7:15am Experience with TAVI in the USA and Germany –
Different Systems and Approach
Michael Borger

8:15am - 10:00am AORTIC VALVE SURGERY AND TAVI
Melbourne Room 2

8:15am How I Became a TAVI Surgeon
Chris Cole

8:30am How to Incorporate TAVI in Surgical Training?
Jayme Bennetts

8:45am TAVI in Low Risk Patients
William Wilson

9:00am Bicuspid Aortic Valve Repair According to the
Aortic Phenotype
Emmanuel Lansac

9:15am Experience with the Intuity Valve
Andrew Newcomb

A Novel Technique for the Aortic Valve Leaflet
Reconstruction Using Autologous Pericardium
Guided by 3D Hologram Obtained from a New
Workstation Visalis3D
Takeo Tedoriya

How to Overcome the Gap in Perception
between the Ideal Implementation of
Trans-catheter Aortic Valve Replacement
and the Reality? Based on the Experience
of Negotiations for Establishing a Guideline
for Monitoring Trans-Catheter Aortic Valve
Replacement in Korea
Sung Ho Shinn

Treatment of Pure Aortic Regurgitation
Using a Novel Transcatheter Aortic Valve
Implantation System – Chinese Experience
Da Zhu

CURRENT TRIALS AND RESEARCH IN
AUSTRALIA, NEW ZEALAND, AND ASIA
Meeting Room 203

8:15am Thoracic Surgical Research in Australia and
New Zealand
Gavin Wright

8:35am ATACAS Trial
Paul Myles

8:50am IMPACT Study: Improving Coronary Graft
Patency with Postoperative Aspirin and
Clopidogrel Versus Aspirin and Ticagrelor
Sean Galvin

8:15am - 10:00am CURRENT TRIALS AND RESEARCH IN
AUSTRALIA, NEW ZEALAND, AND ASIA
Meeting Room 203
Chairs: Sean Galvin and Paul Bannon

8:15am Experience with TAVI in the USA and Germany –
Different Systems and Approach
Michael Borger

8:35am ATACAS Trial
Paul Myles

8:50am IMPACT Study: Improving Coronary Graft
Patency with Postoperative Aspirin and
Clopidogrel Versus Aspirin and Ticagrelor
Sean Galvin

9:05am Computational Fluid Dynamics in Complex
Aortic Surgery
Andrew Choong

9:20am Early Identification of Renal Hypoxia as a
Predictor of Acute Kidney Injury
Roger Evans

9:35am ANZSCTS Database Update
Livina Tran

9:50am The Functional Disability Questionnaire:
Evaluation of the Psychometric Properties of
a New Tool for Measuring Physical Function
Following Cardiac Surgery
Katijjahbe Md Ali
Scientific Program  SATURDAY 18 NOVEMBER 2017 (cont’d)

8:15am - 10:00am  GENERAL THORACIC
Meeting Room 204
Chairs: Amer Bilal and Naveed Alam

8:15am  3D Printing for Complex Surgery
        Shanda Blackmon

8:30am  Hyperhidrosis Update
        Sean Grondin

8:45am  The Surgery of Cryptococcal and Melioid Infections in Northern Australia
        Phil Carson

9:05am  Innovation and a New Esophageal Anastomotic Device
        Shanda Blackmon

9:20am  Outcome of Surgical Management of Pulmonary Aspergilloma – An Experience of 720 Cases in 15 Years
        Amer Bilal

9:30am  Needlescopic Video-Assisted Thoracic bilateral Sympathicotomy for the Treatment of Primary Palmar Hyperhidrosis: An Analysis of 200 Cases
        Xing Feng

9:40am  Use of Decellularised Porcine Intestinal Submucosa Extracellular Matrix in Airway Reconstruction to Enable Lung-Sparing Oncological Surgery
        Michelle Kim

9:50am  Tracheal Resection and Reconstruction: Nishtar Experience of 56 Cases
        Muhammad Kaleem Ullah

10:00am - 10:30am  MORNING TEA
Melbourne Room 1

10:30am - 12:30pm  CARDIOTHORACIC TRAINING
Meeting Room 204
Chairs: Julian Smith and Julie Mundy

10:30am  Competency based Education
        Sean Grondin

10:50am  Cognitive Errors and Their Impact on Decision-Making
        Silvana Marasco

11:10am  Surgical Training – Current and Future trends
        Stephen Tobin

11:30am  The Recovery from Operation Quality Assessment System (ROQAS): A Novel Technology for the Real-Time Assessment of Recovery Following Cardiac Surgery
        Doa El-Ansary

10:30am - 12:30pm  PERI-OPERATIVE CARE
Melbourne Room 2
Chairs: Ash Hardikar and Rochelle Wynne

10:30am  Readmission Following Cardiac Surgery: Does Inpatient Recovery Predict Readmission?
        David McCormack

10:40am  The Sternal Management Accelerated Recovery Trial (S.M.A.R.T) – Standard Restrictive Versus an Intervention of Modified Sternal Precautions Following Cardiac Surgery Via a Median Sternotomy: A Randomised Controlled Trial
        Katijjahbe Md Ali

11:00am  Sound Pressure Levels in Cardiac Recovery Units – An Invisible Harm
        David McCormack

11:10am  Long-term Follow Up Rates Post Cardiorthoracic Surgery – The Need for a Centralised Clinical Data Portal in Each Health Service
        Damian Gimpel

11:20am  Motor Vehicle Driving After Cardiac Surgery Via a Median Sternotomy: Mechanical and Cognitive Considerations
        Doa El-Ansary

11:30am  Urinary Hypoxia: An Intra-Operative Marker of Risk of Cardiac Surgery-Associated Acute Kidney Injury
        Michael Z.L. Zhu

        Doa El-Ansary

        Doa El-Ansary

11:40am  Motor Vehicle Driving After Cardiac Surgery Via a Median Sternotomy: Mechanical and Cognitive Considerations
        Doa El-Ansary

11:50am  Teaching Lung Ultrasound and Ultrasound-Guided Chest Drainage
        Alistair Royse

11:50am  Microsurgical Dexterity Tuition of Students and House Surgeons: A Necessary and Worthwhile Investment
        Cheyaanthan Haran

12:05pm  UK National Induction Programme for Higher Cardiothoracic Surgical Training – An Experience of Immersive Simulation Training
        David McCormack

12:15pm  Microsurgical Dexterity Tuition of Students and House Surgeons: A Necessary and Worthwhile Investment
        Cheyaanthan Haran
Scientific Program  SATURDAY 18 NOVEMBER 2017 (cont’d)

10:30am - 12:30pm  CURRENT TRIALS AND RESEARCH IN AUSTRALIA, NEW ZEALAND AND ASIA
Meeting Room 203

Chairs: Sean Galvin and Andrew Cochrane

10:30am  ICU-Led Trials and Collaborations with Cardiac Surgery
Rinaldo Bellomo

10:50am  International Aortic ARCH Registry
Tristan Yan

11:05am  Developing the PHysIC Database in New Zealand Cardiac Surgery
Shieak Tzeng

11:20am  Stem Cell Therapy for HLHS and Single Ventricle: Results of a Phase 2 Trial
Shunji Sano

11:35am  Myocardial Preservation in 2017 for Cardiac Surgery and Transplantation
Franklin Rosenfeldt

11:50am  The Use of Small Intestinal Submucosa Extracellular Matrix (CorMatrix®) in Cardiovascular Surgery: A Systematic Review
Hajar Hasan Kheslat

12noon  Evolution of Dynamic Chemical Imaging Towards Live Tissue Assessment During Surgery
Jaishankar Raman

12:10pm  The Effect of Human Thymus Fat-Derived Mesenchymal Stem Cell on Myocardial Infarcted Rat Model
Junwoo Cho

12:30pm - 1:15pm  LUNCH SESSION - AVANT
Meeting Room 203

Proudly supported by

In-Depth Claims Data on Communication and Consent Issues

1:15pm - 2:00pm  MINI-ORAL SESSION – CARDIAC
Melbourne Room 2

Chairs: Aubrey Almeida and Doug Wall

1:15pm  Does the Use of Saphenous Vein Graft in Coronary Surgery Affect Patient Survival at Different Ages?
Zulfayandi Pawanis

1:20pm  Management of Atrial Fibrillation after Cardiac Surgery
Joshua De Bono

1:25pm  The Early Experiences with ECMO in Brunei Darussalam
Hong Sang Chua

1:30pm  A Retrospective Comparative Study of 242 Consecutive Cases of Single Vessel LAD Disease Over 5 Years: PCI vs CABG
Prashant Kothari

1:35pm  Cardiac Remodelling After Mitral Valve Procedure with Simultaneous Aortic Valve Surgery in CCIT: Repair or Replacement?
Sahaporn Wathanawanichakun

1:40pm  Thrombosis of Heart Valve Prosthesis in Pregnant Women: About 24 Cases
Redha Lakehal

1:45pm  Carcinoid Heart Disease: A Simple Pulmonary Valve Solution
David McCormack

1:50pm  Results of False Lumen Status of Different Methods for Aortic Arch Treatment in Stanford A Aortic Dissection
Qing Zhou

1:55pm  Operative Results of Mitral Valve Repair and Replacement in Chronic Ischaemic Mitral Valve Regurgitation
Damian Gimpel

2:00pm  Accuracy, Calibration and Clinical Performance of EuroSCORE II and ACEF Score in 53,472 Isolated Coronary Artery Bypass Surgery in Australia and New Zealand
Fabio Ramponi

2:05pm  Non-Operative Management of Blunt Traumatic Thoracic Aortic Injury: Systematic Review and Meta-Analysis of 3,776 Patients
Tse Kiat Soong
Scientific Program  SATURDAY 18 NOVEMBER 2017 (cont’d)

1:40pm  Short Intra-Aortic Balloon Pump in Preventing Potential Occlusion to the Celiac or Renal Artery in Asian Population
        Nasir Syed

1:50pm  Prevalence and Impact of Iron Deficiency in Patients Undergoing Cardiac Surgery: An Indian Perspective
        Surendra Agarwal

1:15pm - 2:00pm MINI-ORAL SESSION – MIXED
        Meeting Room 204
        Chairs: Ash Hardikar and Michael Byrom

1:15pm  Early Clinical Outcomes of TAP Using the New 3D Anuloplasty Ring, Tri-Ad
        Woohyun Jung

1:20pm  Comparing Outcomes in Patients Undergoing CABG With and Without Using Internal Mammary Artery in Tertiary Care Hospital
        Syed Shahabuddin

1:25pm  Comparative Study of Standard Median Sternotomy (SMS) vs Right Anterolateral Thoracotomy (RALT) for Mitral Valve Replacement
        Hamid Ahmad

1:30pm  Prospective Non Randomised Comparative Study of Right Mini Thoracotomy Aortic Valve Replacement Between Suture Less and Sutured Pericardial Bio Prosthesis in Septuagenarian
        Varissara Javakijkarnjanakul

1:35pm  Endoscopic Vein Harvesting at an Australian Public Hospital: Outcomes at the First Year
        Jose Nadal

1:40pm  Branch First Aortic Arch Surgery – The Wellington Experience
        Kamaraj Radhakrishnan

1:45pm  Microwave Ablation for Malignant Pulmonary Nodules: A Case Series
        Marie Adrianne Pimentel

1:50pm  Comparison of Predictive Value of Pre-Operative and Immediate Post-Operative Proteinuria with Cardiac Surgery Associated Acute Kidney Injury (CSA-AKI)
        Yeong Sing Lee

2:00pm - 3:30pm THORACIC FREE PAPER SESSION
        Meeting Room 210
        Chairs: Siven Seevanayagam and Riaz Anwar Khan

        Rib Fixation for Trauma: A 15 year Experience
        Felicity Meikle

        Thoracic Impalement Injuries in a Single Trauma Center
        Emmeline Elaine Cua

        Validation of Thorax Trauma Severity Score Using Early Emergency Department Computed Tomography (MDCT 64 Slice/Multirow Detector)
        Anurag Rai

        Flail Chest Reconstruction: A Challenge: Review of 3000 Cases in Past 25 Years from June 1992 to June 2017
        Anil Gupta

        Factors Affecting Prosthetic Material Choice for Sternum Reconstruction After Resection; Experience with 30 Patients
        Dalokay Kilic

        Pneumonectomy for Benign Lung Disease: Peshawar Experience of 1053 Cases
        Amer Bilal

        Clinical Correlation Between Recurrence Rate of Primary Spontaneous Pneumothorax and Presence of Bullae in Chest Computed Tomography in the First Episode of Pneumothorax
        Bongsuk Park

        Space Obliteration for Failed Decortication an Experience of 804 Cases Over a Period of 15 Years
        Amer Bilal

2:00pm - 3:30pm HEART FAILURE AND TRANSPLANTATION
        Meeting Room 203
        Chairs: Silvana Marasco and Prinya Sakiyalak

        Update on Current Heart Failure Therapy
        Angie Leet

        Advances in Donor Heart Procurement
        Kumud Dhital
2:30pm  Current Status and Results for Heart Transplantation
    Adam Zimmet

2:45pm  Heart Transplantation in Asia – Current Update
    Tim Au

3:00pm  ECMO for Primary Graft Failure in Cardiac Transplantation
    Hergen Buscher

3:10pm  DCD Heart Transplantation: An Update of Current Outcomes and Experience
    Hong Chee Chew

3:20pm  Quality of Life in Adult Survivors After Paediatric Heart Transplantation in Australia
    Xin Tao Ye

2:00pm - 3:30pm CARDIAC FREE PAPER SESSION
    Meeting Room 204
    Chairs: Sean Galvin and Mohammed Aslam Hossain

2:00pm  Do We Still Need Wall Suction for Chest Drainage?
    Luca Barozzi

2:10pm  Repair of Ischaemic Mitral Valve Regurgitation is Still a Valid Option with Good Outcomes
    Mahmoud Abdelaziz

2:20pm  Clopidogrel in Combination with Aspirin Improves Vein Graft Patency Following CAGS
    Daniel Florisson

2:30pm  Monocusp for Right Ventricular Outflow Tract Obstruction in Tetralogy of Fallot
    Kingsfield Ong

2:40pm  Change in Right Ventricular Volume and Function After Pulmonary Valve Replacement
    John Brookes

2:50pm  Limiting the Learning Curve for Pulmonary Endarterectomy: An Australian Single Centre Experience
    Sarah Scheuer

3:00pm  Comparison of Bioprosthetic and Mechanical Valve Replacement for Left-sided Infective Endocarditis
    Sue Hyun Kim

3:10pm  Urinary Oxygen Tension Versus Plasma and Urinary Biomarkers for Cardiac Surgery Associated Acute Kidney Injury
    Andrew Martin

2:00pm - 3:30pm YOUNG INVESTIGATOR’S AWARD – PATRICK PRITZWALD-STEMMANN YOUNG ACHIEVER’S AWARD
    Melbourne Room 2
    Chairs: Trevor Fayers and Andrew Cochrane

2:00pm  The iTAP Score to Predict Postoperative Survival of Patients Undergoing Surgical Pleurodesis
    Jazmin Eckhaus

2:10pm  Does the Ratio of Protamine to Heparin Impact Transfusion and Bleeding Following Cardiac Surgery?
    Niamh Keenan

2:20pm  Single Port-VATS vs Multi-Port VATS Multi-Institutional Single Surgeon Training Experience Comparison
    Yaroslav Mayorchak

2:30pm  Suction vs Non-Suction Drainage in VATS Lobectomy For Primary Non-Small Cell Lung Cancer
    Sameer Thakur

2:45pm  suction vs non-suction drainage in vats lobectomy For Primary non-small cell lung cancer
    Sameer Thakur

3:00pm  Comparison of bioprosthetic and Mechanical valve replacement for left-sided infective endocarditis
    Sue Hyun Kim

2:00pm - 3:30pm young investigator’s award – Patrick Pritzwald-Stegmann
    young achiever’s award
    melbourne room 2
    chairs: trevor fayers and andrew cochrane

3:00pm  the itap score to predict postoperative survival of patients undergoing surgical pleurodesis
    jazmin eckhaus

3:10pm  does the ratio of protamine to heparin impact transfusion and bleeding following cardiac surgery?
    niamh keenan

3:20pm  single port-vats vs multi-port vats multi-institutional single surgeon training experience comparison
    yaroslav mayorchak

3:30pm  suction vs non-suction drainage in vats lobectomy for primary non-small cell lung cancer
    sameer thakur

4:00pm - 5:50pm CoronAry surgery
    Melbourne Room 2
    Chairs: Allan James and Vivek Jawali

4:00pm  No Touch Aorta with Total Arterial CABG
    Kuan-Ming Chiu

4:15pm  Minimally Invasive CABG
    Mohamed Ezani Taib

4:30pm  The Current Status of Coronary Artery Surgery in China: Data from the Chinese Cardiovascular Surgical Registry
    Zheng Zhe

4:45pm  Single Clamping During Off Pump Coronary Artery Bypass Grafting Reduces Post-Operative Stroke
    Damian Gimpel
MEANINGFUL INNOVATIONS IN CARDIAC SURGERY

Open Pivot™
AP160™ Aortic Mechanical Valve

Mitral and Tricuspid Repair
Physiologically-Based Solutions

Freestyle™
Aortic Root Bioprosthesis

Ti-cron™
Ideal Suture for Valve Replacement and Repair Procedures

CoreValve™ Evolut™ R
Transcatheter Aortic Valve Replacement System

TriStaple™ Technology
Stapling Solutions for Challenging Applications

HeartWare™ HVAD™
Full-support centrifugal VAD

Mosaic™
Porcine Bioprosthesis
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Participant</th>
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<tbody>
<tr>
<td>4:55pm</td>
<td>New CAB? Coronary Surgery Without Saphenous Vein: Analysis of More Than 50,000 Patients</td>
<td>Alistair Royse</td>
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<tr>
<td>5:05pm</td>
<td>Preoperative Atrial Fibrillation Portends Poor Outcomes After Coronary Bypass Graft Surgery: A Systematic Review and Meta-Analysis</td>
<td>Akshat Saxena</td>
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<tr>
<td>5:15pm</td>
<td>Extended Endarterectomy is a Treatment Option for Diffuse Inoperable Left Sided Coronary Artery Disease</td>
<td>Damian Gimpel</td>
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<tr>
<td>5:25pm</td>
<td>Predictors of the In-Hospital Mortality after Coronary Artery Bypass Grafting – A Single Centre Experience</td>
<td>Mohammed Aslam Hossain</td>
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<tr>
<td>5:35pm</td>
<td>Innovating Today to Transform Tomorrow; A New Class of Resilient Tissue Valve Fills an Unmet Need in at-risk Patient Cohorts Edwards Lifesciences</td>
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<tr>
<td>4:00pm</td>
<td>Rheumatic Heart Disease in Children and Adolescents</td>
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<td>4:00pm</td>
<td>Meeting Room 204</td>
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<tr>
<td>4:00pm</td>
<td>Global Overview of Rheumatic Heart Disease</td>
<td>Andrew Cochrane</td>
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<td>4:10pm</td>
<td>Repair of Rheumatic Valves in Children</td>
<td>Taweesak Chotivatanapong</td>
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<td>4:30pm</td>
<td>Experience in Melbourne with Rheumatic Valve Repair</td>
<td>Christian Brizard</td>
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<tr>
<td>4:50pm</td>
<td>Rheumatic Valve Repair in Children – The Malaysian Perspective</td>
<td>Jeswant Dillon</td>
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<td>5:10pm</td>
<td>Rheumatic Valve Experience in India</td>
<td>Krishna Iyer</td>
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<td>4:00pm</td>
<td>VAD Surgery</td>
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<td>4:00pm</td>
<td>Meeting Room 203</td>
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<tr>
<td>4:00pm</td>
<td>Recent Advances in VADs</td>
<td>Silvana Marasco</td>
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<td>4:20pm</td>
<td>Paracorporeal VAD as a Bridge to Manage Acute Heart Failure – Hong Kong Experience</td>
<td>Tim Au</td>
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<td>4:35pm</td>
<td>Mini-Access VAD Implantation</td>
<td>Phillip Spratt</td>
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<tr>
<td>4:50pm</td>
<td>Challenges in LVAD Implantation in Malaysia</td>
<td>Mohamed Ezani Taib</td>
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<td>5:05pm</td>
<td>Ventricular Assist Devices for the Failing Univentricular Circulation</td>
<td>Igor Konstantinov</td>
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<td>5:20pm</td>
<td>Setting up a VAD Program in Asia</td>
<td>Isham Jaafar</td>
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<td>5:30pm</td>
<td>Ambulatory Management of the VAD Patient</td>
<td>Courtney Duncan</td>
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<td>4:00pm</td>
<td>Thoracic Free Paper Session</td>
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<td>Repair of Rheumatic Valves in Children</td>
<td>Taweesak Chotivatanapong</td>
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<td>4:10pm</td>
<td>13 Year’s Experience of Management of Corrosive Intake at Nishtar Hospital Multan</td>
<td>Ifitkhar Khan</td>
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<td>4:20pm</td>
<td>Cost Analysis of Pulmonary Lobectomies; Thoracotomy Versus Videothoracoscopy</td>
<td>Alper Findickoglu</td>
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<tr>
<td>4:30pm</td>
<td>Bifid Stomach Tube; A New Conduit as Neo-Esophagus</td>
<td>Muhammad Kaleem Ullah</td>
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<td>4:40pm</td>
<td>Outcome of Rib Fixation with Titanium Devices in Traumatic Fracture of Ribs in a Single Centre</td>
<td>Kazi Saiful Islam</td>
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<td>4:50pm</td>
<td>Surgical Intervention in Treatment Failure Multidrug Resistant Tuberculosis: Experience of 162 Cases</td>
<td>Amer Bilal</td>
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<td>5:00pm</td>
<td>A Novel Method to Stabilise Pectus Bars Using Sternal ZipFixTM</td>
<td>Harish Mithiran</td>
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<tr>
<td>5:10pm</td>
<td>Traumatic Diaphragmatic Rupture. Experience of 336 Cases Over 15 Years</td>
<td>Amer Bilal</td>
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<td>7:00pm</td>
<td>Congress Dinner</td>
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<td>7:00pm</td>
<td>National Gallery of Victoria</td>
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Scientific Program (cont’d)

**SUNDAY 19 NOVEMBER 2017**

**8:30am - 10:00am** MINIMALLY INVASIVE THORACIC WORKSHOP  
Meeting Room 204  
Chair: Phillip Antippa

**Difficult Cases in Thoracic Surgery**

8:30am 
Introduction  
Phillip Antippa

8:40am 
Difficult Cases – Diagnosis  
Calvin Ng

9:00am 
Difficult Cases – Imaging  
Siven Seevanayagam

9:20am 
Difficult Cases – Videos  
Naveed Alam

9:40am 
Difficult Cases – New Technology Problems  
Abbas El-Sayed Abbas

**8:30am - 10:15am** AORTIC SURGERY FREE PAPER SESSION  
Melbourne Room 2  
Chairs: Adrian Pick and Gerardo Manzo

8:30am 
Experience with the Axillary Artery as an Arterial Cannulation Site in Patients with Type A Aortic Dissection  
Arpit Talwar

8:40am 
Long Term Results of Conventional Total Aortic Arch Replacement  
Yoichi Kikuchi

8:50am 
Unilateral Versus Bilateral Antegrade Cerebral Perfusion: A Meta-Analysis of Comparative Studies  
David Tian

9:00am 
Root Management Strategy in Stanford a Aortic Dissection: Reconstruction Rather than Replacement  
Qing Zhou

9:10am 
Hybrid Surgery for Complex Aortic Dissecting Aneurysms  
Tien Tran

9:20am 
Mid-Term Survival After Open and Endovascular Aortic Repair Procedures  
Anna Tam

9:30am 
Upper Ministernotomy for the Treatment of Proximal Aortic Dissecting Aneurysms  
An Nguyen

9:40am 
Warmer Circulatory Arrest Temperature Offers Superior Outcomes in Antegrade Cerebral Perfusion: A Meta-Analysis  
David Tian

9:50am 
Hybrid Versus Conventional Surgery of Stanford A Dissection: Reintervention for the Distal Residual Aorta  
Zanxin Wang

10:00am 
An Innovative Method for Treatment of Lesions of Aortic Arch and Descending Aorta  
Wenxiang Jiang

**8:30am - 10:15am** LUNG TRANSPLANTATION  
Meeting Room 203  
Chairs: Emily Granger and Julian Gooi

8:30am 
Selection of Patients and Management of Lung Transplantation  
Greg Snell

8:50am 
Current Surgery and Results for Lung Transplantation  
Julian Gooi

9:05am 
Transmedics Ex-Vivo Lung Perfusion  
Kumud Dhital

9:20am 
Lung Transplantation and Concomitant CABG  
Emily Granger

9:35am 
Upper Limb Rehabilitation After Lung Transplantation (LTX) – A Randomised Controlled Trial  
Louise Fuller

10:15am - 10:45am MORNING TEA  
Melbourne Room 1

**10:45am - 12:30pm** MINIMALLY INVASIVE THORACIC WORKSHOP  
Meeting Room 204  
Chair: Phillip Antippa

**The Future in Thoracic Surgery?**

10:45am 
The Future – Instrumentation (Medtronic)

11:05am 
The Future – Instrumentation (Ethicon)

11:25am 
The Future Vision Systems

11:45am 
The Future – Robotics (Intuitive)

12:05pm 
Real Evidence in Thoracic Surgery  
Sanjay Roy
Scientific Program  SUNDAY 19 NOVEMBER 2017 (cont’d)

10:45am - 12:30pm  ECMO AND PERFUSION
Meeting Room 203
Chairs: Emily Granger and Isham Jaaffar

10:45am  Current Indications for VA and VV ECMO, and for ECPR
Aidan Burrell

11:00am  Surgical Aspects of ECMO
Julian Gooi

11:20am  CPR ECMO Cheer2 Trial Update
Hergen Buscher

11:35am  Techniques for ECMO Cannulation
Aidan Burrell

11:50am  The Role of Venting for ECMO
Emily Granger

10:45am - 12:30pm  MITRAL AND TRICUSPID VALVE SURGERY
Melbourne Room 2
Chairs: Trevor Fayers and Kong Ye

10:45am  Melbourne Experience with Percutaneous Mitral Valve Interventions
Robert Gooley

11:00am  TAVR Valves for the Calcific Mitral Valve and Valve in Valve Procedures
David Holzhey

11:15am  Management of Tricuspid Surgery – How Aggressive Should we be?
Aubrey Almeida

11:30am  Surgical Experience of Paravalvar Leak After Mitral Valve Replacement
Hyuk Ahn

11:45am  Comparison of Surgical Options in the Management of Ischaemic Mitral Regurgitation with Concurrent Coronary Artery Bypass Grafting
Fiona Doig

11:55am  Surgical Treatment for Valvular Heart Disease and Pregnancy
Dung Van

12:05pm  Triple Valve Surgery: Predicting and Preventing Mortality
Nicholas Brunger
Easy, safe and reproducible procedures.

Perceval’s distinctive design features provide excellent clinical outcomes and fast patient recovery. Perceval has the broadest follow-up in sutureless solutions with more than 10 years of clinical experience and over 6 years of published results. The Perceval sutureless valve has been implanted in more than 25,000 patients worldwide. To date over 190 publications demonstrate the excellent clinical results obtained with the device. The Perceval valve is approved for use in Europe, US and other international markets including Canada and Australia.
Venue Floor Plan

Level 2, Melbourne Convention and Exhibition Centre

- Industry Exhibition
- Plenary Sessions
- Registration Desk, Welcome Reception, Moderated Poster Sessions
- Speaker Support
- Business Meetings
- Nurses Education Day, Concurrent Sessions, Masterclasses
- Pre-Congress Symposium, Concurrent Sessions
- Pre-Congress Workshops & Symposiums
- Pre-Congress Wet Lab, ATCSA Council Meetings, Concurrent Sessions
- Pre-Congress Wet Lab
Location Map

1. Crown Metropol Melbourne
2. Crown Promenade Melbourne
3. Crowne Plaza Melbourne
4. Pan Pacific Melbourne

National Gallery of Victoria (Congress Dinner venue)
Notes
SAVE THE DATE

ANZSCTS

Annual Scientific Meeting 2018

8-11 November
Sofitel Noosa Pacific
Queensland, Australia

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anzsctsasm@surgeons.org
www.anzsctsasm.com