



Symposium Directors



George Matalanis



Tristan Yan



Sean Galvin

2025 Australasian Thoracic Aortic Symposium

Thursday 27 - Sunday 30 March 2025

Sofitel Melbourne on Collins

SYMPOSIUM HANDBOOK

Symposium Overview

Thursday 27 March 2025

1000 - 1200	Training Education Session - Aortic MDT
1200 - 1300	Lunch <i>Exhibition Area</i>
1215 - 1250	Lunch Symposium
1300 - 1515	Scientific Session 1 - Aortopathy
1515 - 1545	Afternoon Refreshments <i>Exhibition Area</i>
1545 - 1645	Scientific Session 2 - Minimally Invasive & Robotic
1800 - 2000	Welcome Reception <i>Exhibition Area</i>

Friday 28 March 2025

0810 - 1000	Scientific Session 3 - TAVI and TAVI Explant
1000 - 1030	Morning Refreshments <i>Exhibition Area</i>
1030 - 1200	Scientific Session 4 - Management of small aortic root
1200 - 1300	Lunch <i>Exhibition Area</i>
1300 - 1430	Scientific Session 5 - Aortic Valve Repair
1430 - 1500	Afternoon Refreshments <i>Exhibition Area</i>
1500 - 1630	Scientific Session 6 - Ross Procedure

Saturday 29 March 2025

0810 - 1030	Scientific Session 7 - Aortic valve sparing root replacement
1030 - 1100	Morning Break <i>Exhibition Area</i>
1100 - 1215	Scientific Session 8 - Root Endocarditis
1215 - 1315	Lunch <i>Exhibition Area</i>
1315 - 1500	Scientific Session 9 - Mal-perfusion and organ protection
1500 - 1530	Afternoon Refreshments <i>Exhibition Area</i>
1530 - 1700	Scientific Session 10 - Thoraco-abdominal Aortic Aneurysm
1900	Symposium Dinner <i>Chin Chin</i>

Sunday 30 March 2025

Minimally Invasive Cardiothoracic Surgery - The Human Cadaver Master Class (III) - Royal Australasian College of Surgeons

0800 - 1200	Cadaver Stations - Aortic Root
1200 - 1300	Lunch <i>Exhibition Area</i>
1300 - 1700	Cadaver Station - Arch & Descending

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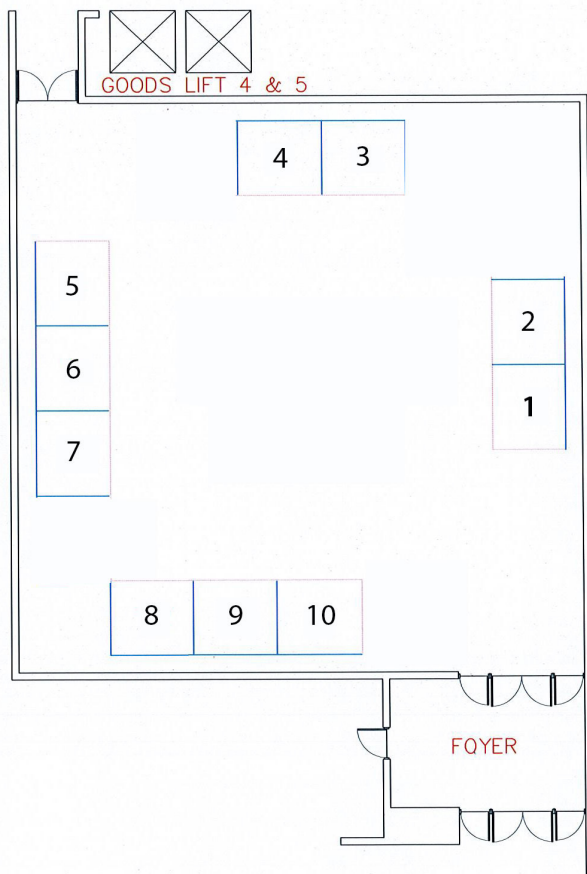
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Exhibitors



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6	Artivion
7	AtriCure
8	Device Technologies
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References:

1. Beaver T, Bavaria JE, Griffith B, et al. Seven-year outcomes following aortic valve replacement with a novel tissue bioprosthesis. Presented at the 103rd Annual Meeting of the American Association for Thoracic Surgery, May 2023.
2. Heimansohn DA, Baker C, Rodriguez E, Takayama H, Dagenais F, Talton DS, Mumtaz MA, Pibarot P, Puskas JD, on behalf of the COMMENCE Trial Investigators. JTCVS Open, 2023.

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0900

REGISTRATION

Training Education Session - Aortic MDT Moderators: Tristan Yan & Homayoun Jalali

1000

Round Table Discussions - Aortic MDT
Case Presentations

1100

Best Trainee Presentations

1200

LUNCH | *Exhibition Area*

1215

LUNCH SYMPOSIUM - SPONSORED BY ATRICURE
Treating the Aortic Valve & AF. New Developments and an International Perspective
Thorsten Hanke - International Guest Presenter

Scientific Session 1 - Aortopathy Moderators: Emily Granger & Bo Yang

1300

Opening Remarks
George Matalanis

1310

1.1

THINK AORTA
Geoff Lester

1330

1.2

Genetics for aortic surgeons
Michelle Lim

1345

1.3

EACTS/STS aortic guidelines
Agneta Geldenhuys

1400

1.4

Anatomy/physiology of aortic root
Ruggero DePaulis - International Guest Presenter

1415

1.5

Cardiac imaging modality for aortopathy
Raj Puranik

1430

1.6

Predictors for acute aortic syndrome
Ashutosh Hardikar

1445

1.7

Pathophysiology of hypertension in aortic dissection
Nishith Patel

1500

1.8

AI in aortic surgery
David McCormack

1515

AFTERNOON REFRESHMENTS | *Exhibition Area*

Thursday 27 March

Scientific Session 2 - Minimally Invasive & Robotic Moderators: David McCormack & Aung Oo

1545	2.1	Is PEARS less invasive than root replacement Conal Austin - International Guest Presenter
1600	2.2	Right anterior mini-thoracotomy AVR Simon Moten
1615	2.3	Right lateral mini-thoracotomy AVR Thorsten Hanke - International Guest Presenter
1630	2.4	Robotic AVR Tristan Yan
1645	2.5	Panel Discussion – Caveats of Mini-AVR
1700		WELCOME RECEPTION - Exhibition Area

Friday 28 March

Scientific Session 3 - TAVI and TAVI Explant Moderators: Simon Moten & Thorsten Hanke

0810	3.1	UK Aortic Forum Aung Oo - International Guest Presenter
0830	3.2	TAVI and Valve-in-valve Brian Plunkett
0845	3.3	Acute TAVI Surgery Emily Granger
0900	3.4	TAVI Explant Shinichi Fukuhara - International Guest Presenter
0915	3.5	SAVR with Y-incision annular enlargement outperforms Bo Yang - International Guest Presenter
0930	3.6	Lifetime Planning for Patients with severe Aortic Stenosis Matias Yudi
0945	3.7	Panel Discussion
1000		MORNING REFRESHMENTS <i>Exhibition Area</i>

Scientific Session 4 - Management of small aortic root

Moderators: Brian Plunkett & Shinichi Fukuhara

1030	4.1	Patient Prosthesis Mismatch and Implications on Valve-in-Valve TAVI Matias Yudi
1045	4.2	Rapid deployment valves Adrian Pick
1100	4.3	Annular enlargement Bo Yang - International Guest Presenter
1115	4.4	Stentless Valve Peter Skillington
1130	4.5	Bio-root with stented valve Bo Yang - International Guest Presenter
1145	4.6	MIC LATS: From multivalvular to complex aortic therapies Thorsten Hanke - International Guest Presenter
1200		LUNCH <i>Exhibition Area</i>

Scientific Session 5 - Aortic Valve Repair

Moderators: Peter Skillington & Ismail El-Hamamsy

1300	5.1	Sub-aortic annuloplasty Martin Misfeld
1315	5.2	External aortic annuloplasty Emmanuel Lansac - International Guest Presenter
1330	5.3	Internal aortic annuloplasty , theory and development HAART Implantation techniques and reasons for failure Jeff McNeil - International Guest Presenter
1345	5.4	The modified Modine technique for VSRR Ruggero DePaulis - International Guest Presenter
1400	5.5	Aortic cusp repair techniques Emmanuel Lansac - International Guest Presenter
1415	5.6	Panel Discussion
1430		AFTERNOON REFRESHMENTS <i>Exhibition Area</i>

Friday 28 March

Scientific Session 6 - Ross Procedure Moderators: Emmanuel Lansac & Ruggero DePaulis

1500	6.1	How I Do Ross (covering homografts and autografts) Peter Skillington
1515	6.2	How I Do Ross (covering small root) Ismail El-Hamamsy - International Guest Presenter
1530	6.3	Learning curve of Ross Michael O'Keefe
1545	6.4	Ross Procedure Complications Homayoun Jalali
1600	6.5	Salvaging Failing Ross Ismail El-Hamamsy - International Guest Presenter
1615	6.6	PEARS for Ross Conal Austin - International Guest Presenter
1630	6.7	Panel Discussion

Saturday 29 March

Scientific Session 7 - Aortic valve sparing root replacement Moderators: Martin Misfeld & Conal Austin

0810	7.1	Developing a Cardiac Surgery Program in Nigeria Jeff McNeil - International Guest Presenter
0830	7.2	Yacoub Procedure Ismail El-Hamamsy - International Guest Presenter
0845	7.3	Bicuspid aortic valve sparing root replacement Emmanuel Lansac - International Guest Presenter
0900	7.4	Update on the PEARS Procedure Nelson Alphonso
0915	7.5	BAV Repair with or without root replacement in a symmetric and asymmetric valves Ruggero DePaulis - International Guest Presenter
0930	7.6	Predictors of Failure after AV Repair/AVSRR George Matalanis
0945	7.7	David Procedure – Valsalva graft vs two graft technique Bo Yang - International Guest Presenter

1000	7.8	Aortoscopy Tristan Yan
1015	7.9	Panel Discussion
1030		MORNING REFRESHMENTS <i>Exhibition Area</i>

Scientific Session 8 - Root Endocarditis Moderators: Randolph Wong & Jeff McNeil

1100	8.1	CAMPAIGN – multi-center analysis of infective endocarditis Martin Misfeld
1115	8.2	Root endocarditis Shinichi Fukuhara - International Guest Presenter
1130	8.3	UFO Procedure Martin Misfeld
1145	8.4	LVOT and aorto-mitral fibrous skeleton – Double annular enlargement to upsize 3 valve sizes for both AV and MV Bo Yang - International Guest Presenter
1200	8.5	Panel Discussion
1215		LUNCH <i>Exhibition Area</i>
1230		LUNCH SYMPOSIUM - SPONSORED BY EDWARDS LIFESCIENCES <i>Practice Makes Perfect: Hands on MICS Simulator Session</i>

Scientific Session 9 Mal-perfusion and Organ Protection Moderators: Sean Galvin & Raffi Qasabian

1315	9.1	New Aortic Dissection Classification Randolph Wong - International Guest Presenter
1330	9.2	Management of mal-perfusion in acute dissection Shinichi Fukuhara - International Guest Presenter
1345	9.3	Upfront FET in mal-perfusion Aung Oo - International Guest Presenter
1400	9.4	AMDS Randolph Wong - International Guest Presenter
1415	9.5	Branch-First TAR George Matalanis

Saturday 29 March

- 1430 9.6 Warm and no circulatory arrest arch surgery
Shinichi Fukuhara - International Guest Presenter
- 1445 Panel Discussion
- 1500 AFTERNOON REFRESHMENTS | *Exhibition Area*

Scientific Session 10 - Thoraco-abdominal Aortic Aneurysm Moderators: George Matalanis & Tristan Yan

- 1530 10.1 Management of infected descending aortic graft
Sean Galvin
- 1545 10.2 Collateral network concept and MIS2ACE trial
Martin Misfeld
- 1600 10.3 THORACOFLO
Aung Oo - International Guest Presenter
- 1615 10.4 Minimally invasive TAAA
Randolph Wong - International Guest Presenter
- 1630 10.5 Endovascular Approaches for the Stages Surgical Management of Complex Aortic Pathology
Raffi Qasabian
- 1645 10.6 Panel Discussion & Session Close
- 1900 SYMPOSIUM DINNER - Chin Chin

Sunday 30 March

MINIMALLY INVASIVE CARDIOTHORACIC SURGERY – THE HUMAN CADAVER MASTER CLASS (III) Venue: Royal Australasian College of Surgeons

AORTIC ROOT

- 0800 - 1000 Cadaver Station 1 & 2
Mini-access Valve Sparing Root Replacement/Aortoscopy
Emmanuel Lansac & Tristan Yan
- Cadaver Station 3 & 4
Valve Sparing Root Replacement/Aortoscopy
George Matalanis & Martin Misfeld

The Sunday Cadaver Master Class is ideal for SET Trainees, Fellows and Early Career Consultants. (Limited spots available - Pre registration was required)

Sunday 30 March

	Cadaver Station 5 & 6 Aortic Root Enlargement Bo Yang & Peter Skillington
1000 - 1200	Cadaver Station 1 - 6 Ross Procedure Peter Skillington, Martin Misfeld, Homayoun Jalali, Ismail El-Hamamsy and Michael O'Keefe
1200 - 1300	LUNCH ARCH & DESCENDING
1300 - 1500	Cadaver Station 1 - 6 Stage 1: Branch First Total Arch and Frozen Elephant Trunk/ Aortoscopy Aung Oo, George Matalanis, Martin Misfeld, Sean Galvin and Tristan Yan
1500 - 1700	Cadaver Station 1 - 6 Stage 2: Descending Aortic Replacement with Left Pneumonectomy Aung Oo, George Matalanis, Martin Misfeld, Sean Galvin and Tristan Yan Simulation Models (Root/Arch Vascular Models & Thoracoflo Model)
1700	CLOSURE

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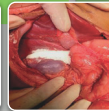
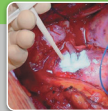
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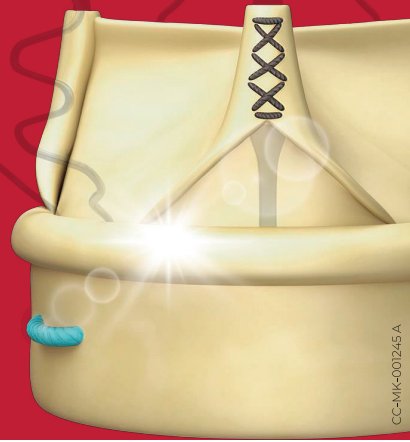
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1. vs control group (Corcym data on file)
2. Corcym data on file
3. Lamberigts M. et al. "Sutureless aortic valves
in isolated and combined procedures: 13 years
of experience in 784 patients."
J Thorac Cardiovasc Surg. (2022)

Notes

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2025 AUSTRALASIAN THORACIC AORTIC SYMPOSIUM

Conference Secretariat



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