

Educational Wetlab RACS Skills and Education Centre

0700

REGISTRATION

0800	Session 1 - The Pears Procedure International Faculty: Conal Austin & Adam El Gamel Local Faculty: Alistair Roysce Company: Advanced Biomedical	Session 2 - Valve Sparing Root Replacement International Faculty: Joe Bavaria & Duke Cameron Local Faculty: Marco Larobina & Tristan Yan Company: Terumo	Session 3 - Rapid Deployment AVR International Faculty: Mubashir Mumtaz & Marek Ehrlich Local Faculty: Simon Moten & Andrew Newcomb Company: Edwards & LivaNova
1000	MORNING REFRESHMENTS		
1030	Session 1 Continued - The Pears Procedure	Session 2 Continued - Valve Sparing Root Replacement	Session 3 Continued - Rapid Deployment AVR
1215	LUNCH		
1300	Session 4 - Thoraflex Hybrid FET International Faculty: Malakh Shrestha Local Faculty: Sean Galvin & Manu Mathur Company: Terumo	Session 5 - E-Vita Open FET International Faculty: Roberto Di Bartolomeo Local Faculty: Shoane IP & Siven Seevenayagam Company: Reid Healthcare	Session 6 - Endovascular Stent Grafts for Cardiac Surgeons International Faculty: Cherrie Abraham Local Faculty: Mark Brooks Company: Cook Medical
1500	AFTERNOON REFRESHMENTS		
1530	Session 4 Continued - Thoraflex Hybrid FET	Session 5 Continued - E-Vita Open FET	Session 6 Continued - Endovascular Stent Grafts for Cardiac Surgeons
1715	WETLAB CONCLUDES		

0700 REGISTRATION

0700 BREAKFAST SESSION - LIVA NOVA
Malakh Shrestha - International Guest Presenter

Poster Session

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| 0700 | P.1 | Distal Ascending Aortic Wrapping to Obviate Need for Circulatory Arrest in Hemiarch Operation for Ascending Aortic Aneurysm. A Novel Concept
Mark Newman |
| 0705 | P.2 | Pseudocoarctation Causing Claudication Following Tevar for Blunt Aortic Injury; A Rare Presentation
Sharon Hong |
| 0710 | P.3 | Aortic Perforation after Atrial Septal Defect Closure with Amplatzer™ Septal Occluder
Sean Goh |
| 0715 | P.4 | Repair of Distal Aortic Arch and Descending Aorta Aneurysm after Dacron Patch Aortoplasty for Coarctation
Felicity McIvor |
| 0720 | P.5 | Descending Thoracic Aortic Aneurysms: A Reflection on the Surgical Experience at the Prince Charles Hospital
Lincoln Chen |
| 0725 | P.6 | Aortic Valve Replacement within a Bio-Root - A Simplified Approach for what will be an Increasing Requirement
Charlotte Frost |
| 0730 | P.7 | Ascending Aortic Thrombus vs Dissection in Young Patients; A Diagnostic Dilemma
Chang Liu |
| 0735 | P.8 | Early Experience with Edwards Intuity Rapid Development Bioprosthetic Valve
Nikhil Chandra |

Scientific Session 1

Science & Art

Moderators | Christian Etz & Steven Lansman

0750		Welcome Address George Matalanis
0800	1.1	Aortic Genetics for the Cardiac Surgeon Richmond Jeremy
0815	1.2	What have we Learned from Aortic Registries? Duke Cameron - International Guest Presenter
0830	1.3	Bicuspid Aortic Valve Associated Proximal Aortic Pathologies Christian Etz - International Guest Presenter
0845	1.4	MRI 4D Flow Stuart Grieve
0900	1.5	3D Printed Aortic Models for Preoperative Planning and Rehearsal in Aortic Surgery Jason Chuen
0915	1.6	Aortic Growth Rates in Tasmanian Population and Impact of Geographical Location on Service Provision Ash Hardikar
0930	1.7	Perfusion Tips & Tricks Bruno Marino
0945		MORNING REFRESHMENTS <i>Exhibition Area</i>

Scientific Session 2

Minimal Invasion

Moderators | Joe Bavaria & Mubashir Mumtaz

1005	2.1	TAVR: New Insights and Perspective from the National STS/ACC TVT Registry Joe Bavaria - International Guest Presenter
1020	2.2	The Role of SAVR in the TAVI Era Peter Tesar
1035	2.3	Minimal Access SAVR Mubashir Mumtaz - International Guest Presenter

1050	2.4	Rapid Deployment SAVR: Intuity Andrew Newcomb
1105	2.5	How Rapid Deployment Valves Changed My Surgical Practice Adrian Pick
1120	2.6	Rapid Deployment SAVR: Perceval Simon Moten
1135	2.7	Mini-Access Aortic Surgery - Lessons Learnt from the First 100 Cases Tristan Yan
1150		Panel Discussion
1215		LUNCH <i>Exhibition Area</i>
1215		Lunch Symposium: <i>"The Engineer Who Fixed His Own Heart"</i> Tal Golesworthy

Scientific Session 3

Aortic Root

Moderators | **Malakh Shrestha & Peter Skillington**

1315	3.1	Bicuspid Aortic Valve Repair in AI and Root Aneurysm Joe Bavaria - International Guest Presenter
1330	3.2	The Ozaki Procedure Mubashir Mumtaz - International Guest Presenter
1345	3.3	The PEARS Procedure Conal Austin - International Guest Presenter
1400	3.4	NZ Experience with PEARS: Where are we Now? Adam El Gamel
1415	3.5	When to Operate on Children and Young Adults with Aortic Aneurysm Duke Cameron - International Guest Presenter
1430	3.6	Biological vs Mechanical Bentall Procedure Roberto Di Bartolomeo - International Guest Presenter
1445	3.7	Pulmonary Autograft Sparing Root Replacement Peter Skillington

1500	3.8	Paediatric Aortic Valve Repair: Patches - No Patches - or Ross? Yves D'Udekem
1515		Panel Discussion
1545		AFTERNOON REFRESHMENTS <i>Exhibition Area</i>

Scientific Session 4

Aortic Arch

Moderators | Roberto Di Bartolomeo & Malcolm Underwood

1615	4.1	Evolution of Aortic Arch Surgery Steven Lansman - International Guest Presenter
1630	4.2	Optimal Strategies in Total Arch Replacement Marek Ehrlich - International Guest Presenter
1645	4.3	Current Global Status of Endovascular Aortic Arch Aneurysm Repair Cherrie Abraham - International Guest Presenter
1700	4.4	A Decade of Branch First Arch Repair - What have we Learned? George Matalanis
1715	4.5	Frozen Elephant Trunk: Evolution, Current Consensus and Future Roberto Di Bartolomeo - International Guest Presenter
1730	4.6	Frozen Elephant Trunk: Tips and Tricks Malakh Shrestha - International Guest Presenter
1745	4.7	Frozen Elephant Trunk: Initial Experience in Asia and Lessons Learned Malcolm Underwood - International Guest Presenter
1800		Panel Discussion
1830		WELCOME COCKTAIL RECEPTION <i>Exhibition Area</i>

0700 BREAKFAST SESSION - EDWARDS
Joe Bavaria - International Guest Presenter

Interesting Videos Session

0700 Interesting Videos

Scientific Session 5

Acute Type A Aortic Dissection - Standard of Care
Moderators | Joe Bavaria & George Matalanis

0800	5.1	Hemiarch Steven Lansman - International Guest Presenter
0815	5.2	A New Paradigm for Repair of Type A Dissection Zone 2 Arch Reconstruction with Sequential Branched LSA Graft TEVAR Joe Bavaria - International Guest Presenter
0830	5.3	Total Aortic Repair: Arch + STABILISE Shoane Ip & Mark Brooks
0845	5.4	Uni versus Bisphoric SACP Marek Ehrlich - International Guest Presenter
0900	5.5	Postoperative Changes in the Distal Aorta Christian Etz - International Guest Presenter
0915	5.6	Improving Outcomes Malcolm Underwood - International Guest Presenter
0930	5.7	NZ Experience with Arch Replacement in Acute & Chronic Aortic Pathology and Completion TEVAR Sean Galvin
0945	5.8	Do we Ever Need Circulatory Arrest for Arch Surgery Homayoun Jalali
1000		Panel Discussion
1030		MORNING REFRESHMENTS <i>Exhibition Area</i>

Scientific Session 6

Thoracic Aorta - Other Pathologies

Moderators | **Marek Ehrlich & Duke Cameron**

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| 1100 | 6.1 | Management of Vascular Rings in Adults
Duke Cameron - International Guest Presenter |
| 1115 | 6.2 | Optimal Management of Coarctation in Adults: Surgery or Catheter
Duke Cameron - International Guest Presenter |
| 1130 | 6.3 | Aortic Surgery in Pregnancy
Steven Lansman - International Guest Presenter |
| 1145 | 6.4 | Acute Aortic Syndromes: Time to Re-think
Malcolm Underwood - International Guest Presenter |
| 1200 | 6.5 | REDO in Thoracic Aortic Surgery
Roberto Di Bartolomeo - International Guest Presenter |
| 1215 | 6.6 | Thoracic Tumors Involving the Aorta
Siven Seevenayagam |
| 1230 | 6.7 | Aortic Arch Augmentation with CardioCel 3D in Neonates, Infants and Children
Christian Brizard |
| 1245 | | Panel Discussion |
| 1315 | | LUNCH <i>Exhibition Area</i> |
| 1315 | | Lunch Symposium:
<i>"Stump the Experts"</i>
Challenging Case Presentations and Discussions |

Scientific Session 7

ThoracoAbdominal Aorta

Moderators | **Cherrie Abraham & Malcolm Underwood**

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| 1415 | 7.1 | Surgical Strategies in TAAA Repair
Marek Ehrlich - International Guest Presenter |
| 1430 | 7.2 | The Future of Computer Guided Aortic Surgery
Jason Chuen |

1445	7.3	State of the Art Spinal Cord Protection in Open and Endovascular TAAA Repair Christian Etz - International Guest Presenter
1500	7.4	NIRS Monitoring to Reflect SCI Christian Etz - International Guest Presenter
1515	7.5	Staging Endovascular & Open Repair of TAAA to Avoid Spinal Cord Ischemia Cherrie Abraham - International Guest Presenter
1530	7.6	Branch-First TAAA Repair George Matalanis
1545		Panel Discussion
1615		AFTERNOON REFRESHMENTS <i>Exhibition Area</i>

Scientific Session 8

TEVAR

Moderators | Joe Bavaria & Mark Brooks

1645	8.1	Social Media, Patient Engagement and the creation of Aortic Disease Awareness Day Michael Smits
1700	8.2	Endovascular Stent Grafts in Aortopathy Patients: Risks Vs Benefits Cherrie Abraham - International Guest Presenter
1715	8.3	Quo Vadis Thoracic Aortic Surgery: The Role of Open and Endovascular Techniques in the Future (21st) Joe Bavaria - International Guest Presenter
1730	8.4	Fenestrated EVAR for Thoracoabdominal Pathology Domenic Robinson
1745		Panel Discussion
1815		Closing Remarks