



**ANNUAL CARDIOTHORACIC
SURGERY MEETING
OF AOTEAROA NEW ZEALAND**
Endorsed by ANZCTS

**Millennium Hotel Queenstown
Draft Programme**

Friday 24th March 2023

7.30am	Registration Open for Registrars – Galaxy Ballroom	
8.00am-10.00am	Registrar Training	Chair: Dick Bunton
8.00am-8.20am	Surgery: What I am looking for in a Cardiac surgery Trainee <i>David Adams (New York)</i>	
8.20am-8.40am	Anaesthesia: What needs to pass through the blood brain barrier <i>Colin Royse (Melbourne)</i>	
8.40am-9.00am	Perfusion: How to maximise the benefit of a good perfusionist for better patient outcomes. <i>Ghaz Jabur (Auckland)</i>	
9.00am-9.20am	Nursing: Remember Nurses are part of the team <i>Chen Qianhui Zhou (Auckland)</i>	
9.20am-9.40am	Leadership: Leadership/followership dynamics in clinical medicine <i>David McCormack (Waikato)</i>	
9.40am-10.00am	Q&A Session	
10.00am-10.30am	Morning Tea	
10.30am-12.30pm	Registrar Free Paper Session	Chair Dick Bunton
10.30am-10.40am	Long-term clinical, echocardiographic and radiological outcomes following surgical pulmonary embolectomy - <i>N Bayfield, J Edelman, J Passage, M Newman (Sir Charles Gairdner Hospital, Perth)</i>	
10.40am-10.50am	Sutured and sutureless Aortic Valve replacement – a single centre retrospective study <i>J Ganesh, D McCormack, P Conaglen, N Patel, F Pirone (University of Auckland and Waikato Hospital, Hamilton)</i>	
10.50am-11.00am	Left Posterior Pericardectomy in the prevention of Post-Operative Atrial Fibrillation and Cardiac Tamponade – A retrospective Study of 2118 Isolated Coronary Artery Bypass Graft patients – <i>A Rathnayake, C Fenton, A Hardikar (Royal Hobart Hospital, Hobart)</i>	
11.00am-11.10am	Use of Celox in Cardiac Surgery – <i>N Singh, P Nand (Auckland City Hospital, Auckland)</i>	

- 11.10am-11.20am Systematic review and meta-analysis of mid-term survival, reoperation and recurrent mitral regurgitation for robotic-assisted mitral valve repair
R Shi, M Williams, A Eranki, A Mamo, A Wilson-Smith, B Hwany, R Sugunesegran, T Yan (Dunedin Hospital, Macquarie University, University of Newcastle, John Hunter Hospital, Epworth Hospital, St George Hospital Sydney, Royal Prince Alfred Hospital)
- 11.20am-11.30am Outcomes of redo open surgical repair of coarctation of the Aorta in an Adult population – *L Huang, C Tan, A Zhu, C Dickson, R Chard (Westmead Hospital, Sydney)*
- 11.30am-11.40am Video-Assisted Thoracoscopic Surgery (VATS) versus Robotic-Assisted Thoracoscopic Surgery (RATS) for Thymectomy – *F Cheung, M Ng, J Walia, J Hedley, N Alam, G Wright (St Vincents Hospital, Melbourne)*
- 11.40am-11.50am Durability and safety of prosthetic heart valves in patients with rheumatic heart disease: A retrospective cohort study – *N Stevens, F Pirone, P Conaglen, D McCormack, Z Lin, N Patel (University of Auckland and Waikato Hospital, Hamilton)*
- 11.50am-12.00pm Role of Preoperative steroids for the Prevention of Vasoplegia in High Risk Cardiac Surgical Patients: A Retrospective Cohort Study
L Whearty, B Chan, F Pirone, P Conaglen, D McCormack, N Patel (University of Auckland and Waikato Hospital, Hamilton)
- 12.00pm-12.10pm Robotic versus conventional sternotomy mitral valve surgery. A systematic review and meta-analysis – *M Williams, B Hwang, L Huang, A Wilson Smith, J Brookes, A Eranki, T Yan (Dunedin Hospital, Macquarie University, University of Newcastle, John Hunter Hospital, Epworth Hospital, St George Hospital Sydney, Royal Prince Alfred Hospital)*
- 12.10pm-12.20pm Septic Arthritis and osteomyelitis of the sternoclavicular joint: a North Queensland Experience - *S Theodore, R Norton, J Raman, P Saxena (Townsville University Hospital, Townsville)*
- 12.20pm-12.30pm Q&A Session
- 12.00pm-1.00pm Registration Open for all other Delegates – Galaxy Ballroom**
- 1.00pm-3.00pm Plenary 1: Visiting Experts**
Chairpersons – Dick Bunton, Everd Strauss, Misty Bean, Jo Yu-Hoi
- 1.00pm-1.30pm **Surgeon:** Arrhythmic Mitral Valve prolapse - *David Adams (New York)*
- 1.30pm-2.00pm **Anaesthesia:** Cerebral Oximetry in Cardiac Surgery - *Colin Royse (Melbourne)*
- 2.00pm-2.30pm **Perfusion:** Effect of Emboli exposure on cerebral auto regulation in Cardiac Surgery requiring Cardiopulmonary Bypass – *Ghaz Jabur (Auckland)*
- 2.30pm-3.00pm **Nursing:** Operating Room Nurses perspective of patient centred care in the intraoperative setting - *Chen Qianhui Zhou (Auckland)*
- 3.00pm-3.30pm Afternoon Tea**

3.30pm-5.30pm	Plenary 2: Basic Science and Surgical Innovation	Chair – Philip Davis
3.30pm-3.45pm	Heart Otago human cardiac tissue collection: myocardial function and more <i>Associate Professor R Lamberts (Dunedin – University of Otago)</i>	
3.45pm-4.00pm	Changes in cellular calcium and its role in arrhythmias <i>Associate Professor P Jones (Dunedin – University of Otago)</i>	
4.00pm-4.15pm	The biology of heart fat: insights gained from Multicentre collaboration <i>Dr H Aiken-Buck (Dunedin – University of Otago)</i>	
4.15pm-4.30pm	MicroRNAs as diagnostic biomarkers of diabetic heart disease <i>Associate Professor R Katare (Dunedin – University of Otago)</i>	
4.30pm-4.45pm	First Australian Experience in totally thoracoscopic bipolar radiofrequency AF Ablation surgery - <i>N Bayfield, E Wang, P Joshi (Sir Charles Gairdner Hospital, Perth, WA)</i>	
4.45pm-5.00pm	Chest Wall Movement – a new model <i>Z Clifford, H Singh (Christchurch Public Hospital, Christchurch)</i>	
5.00pm-5.15pm	Three dimensional CT-based aortic root modelling to optimise sutureless valve replacement - <i>N Singh, P Nand (Auckland City Hospital, Auckland)</i>	
5.15pm-5.30pm	Q&A Session	
6.15pm-11.00pm	Meet at Hotel Reception 6.15pm for 7.00pm sailing on The Earnslaw to Walter Peak Station	

Saturday 25th March 2023

8.00am-10.00am	Plenary 3: The Mitral Valve	Chair: David McCormack
8.00am-8.30am	Non-Invasive Evaluation of the Mitral Valve – <i>James Pemberton</i>	
8.30am-9.00am	Understanding and managing the haemodynamic state of Mitral Disease <i>Colin Royse</i>	
9.00am-9.30am	A 75yr old lady has mainly Posterior MVP: - why I am a disciple of D A. Respect – <i>Peter Alison</i> - why I obey the principles of hernia surgery. Resect – <i>Dick Bunton</i> - why I perform a tricuspid, rigid ring, pericardial repair. Replace – <i>Philip Davis</i>	
9.30am-10.00am	Sliding techniques in Mitral Valve repair – <i>David Adams</i>	
10.00am-10.30am	Morning Tea	

10.30am-12.00pm	Plenary 4: Aortic Dissection	Chair: Sean Galvin
10.30am-10.45am	Current surgical management of Type A Aortic dissections <i>Sean Galvin (Wellington Hospital, Wellington)</i>	
10.45am-11.00am	Advanced Imaging techniques with AI to identify patients who will go onto dilate/dissect their Aorta - <i>Nishith Patel (Waikato Hospital, Hamilton)</i>	
11.00am-11.15am	Mild versus moderate hypothermia circulatory arrest in Type A dissection surgery: Is there a difference in Neurological outcomes? A meta-Analysis <i>Navneet Singh (Auckland City Hospital, Auckland)</i>	
11.15am-11.30am	Collaborative approach to aortic dissection repair with STABILISE technique: the Western Australia experience and meta-analysis of early outcomes <i>Nicholas Bayfield, A Bennett, C Ritter (Fiona Stanley Hospital, Perth)</i>	
11.30am-11.45am	Role of Arch FET in Type A Aortic Dissection - <i>Nishith Patel (Waikato Hospital, Hamilton)</i>	
11.45am-12.00pm	A chest Wall Surprise: Right Axillary Artery to Inferior Vena Cava Shunt Complicating repair of Type A Aortic Dissection – <i>U Kemp, M Kim, K Perera (Westmead Hospital, Sydney)</i>	
12.00pm-12.15pm	Q&A Session	
12.15pm-1.00pm	Lunch	
	Free Afternoon	
6.00pm-11.00pm	Meet at Hotel Reception 6.00pm for Conference Dinner at Skyline Gondola	

Sunday 26th March 2023

8.30am-10.00am	Specialty Breakout Sessions	
	- Surgical (Galaxy 3)	
	- Anaesthesia (Galaxy 2)	
	- Perfusion (Galaxy 1)	
	- Nursing (Conference Room II, Copthorne Hotel Lakefront)	
10.00am-10.30am	Morning Tea	
10.30am-12.30pm	Plenary 5: Potpourri of Cardiac Problems	Chair: Peter Alison
10.30am-11.00am	TAVI – Surgical bail out and explant Surgery <i>Emily Granger (Alfred Hospital, Melbourne)</i>	
11.00am-11.15am	Surgery for Carcinoid heart Valve disease/Tricuspid disease <i>Marco Larobina (Royal Melbourne Hospital, Melbourne)</i>	
11.15am-11.30am	End stage Heart/Lung disease - <i>Amul Sibal (Auckland City Hospital, Auckland)</i>	
11.30am-11.45am	Urgent re-openings following cardiac surgery <i>David Shaw (St Georges Hospital, Christchurch)</i>	

11.45am-12.00pm	Non inferiority Trials – <i>J Saravana Ganesh (Waikato Hospital, Hamilton)</i>
12.00pm-12.15pm	Paediatric Thoracic Surgery at a regional centre <i>A James, R Kumar (John Hunter Hospital, Newcastle)</i>
12.15pm-12.25pm	Q&A Session
12.25pm-12.30pm	Meeting Closes

Posters

1. Right Middle Lobe torsion post-VATS right sided lobectomy – *N Singh, P Nand (Auckland City Hospital, Auckland)*
2. Ethnic disparities in patients undergoing repair of ascending aorta aneurysms in Aotearoa New Zealand
N Singh, D Haydock (Auckland City Hospital, Auckland)
3. Nutritional Scoring tools and predictors of Short and Long term survival of Major lung resections in the elderly – a 10yr Retrospective Analysis – *A Ratyhnayake, A Hardikar (Royal Hobart Hospital, Hobart)*
4. The impact of COVID-19 on the delivery of Adult Congenital Cardiac Surgery
U Kemp, M Selim, I Nicholson (Westmead Hospital, Sydney)
5. A case of Mitral valve Rhabdomyoma - *L Kang, T Tnay, J Raman (St Vincents Hospital, Melbourne)*
6. Cardiothoracic Surgery experience in the most locked down city in the world during the 2021 COVID pandemic – *L Kang, T Tnay, J Dimitriou, J Raman, A Newcomb (St Vincents Hospital, Melbourne)*
7. Outcomes in indigenous patients at different stages of chronic kidney disease undergoing cardiac surgery – *N Jeenah, V Vengaveti, M Mathew (Townsville University hospital, Townsville)*
8. Coiling of collaterals: A rescue therapy to wean from ECMO
C Frost, V Sharma, D Murdoch, D Wall (Prince Charles Hospital, Brisbane)
9. Starfish Success: Novel use of Starfish Heart Positioner for Thoracic Tumour Resection
L Bidois, H Singh (Christchurch hospital, Christchurch)
10. How 3D printing is furthering reconstructive surgery – *Z Clifford (Christchurch Hospital, Christchurch)*
11. Left upper lobe multi-segmentectomy vs lobectomy for early stage lung cancer: a meta-analysis
N Bayfield, L Bibo, E Wang, J Edelman (Fiona Stanley Hospital, Perth, WA)
12. Rare case of Large Primary Thoracic Hydatid Cyst: A Thoracoscopic Approach
A Zhu, C Tan, R Chard, G Meredith (Westmead Hospital, Sydney)
13. The impact of telehealth with remote patient monitoring on outcomes after cardiac surgery: a literature review – *A Yang, S Seevanayagam (Austin Hospital, Melbourne)*