

Preliminary programme

SKYCITY Convention Centre

Wednesday 14 November

0800 - 1700	Satellite Symposium 1 – Bats Perioperative ultrasound workshop <i>Refer to page 17 for details – additional fees apply</i>
0800 - 1700	Satellite Symposium 2 – Airway skills course (offsite) Difficult airway management <i>Refer to page 18 for details – additional fees apply</i>
0800 - 1200	Satellite Symposium 3a – Simulation course (offsite) Cardiac resuscitation update <i>Refer to page 18 for details – additional fees apply</i>
1300 - 1700	Satellite Symposium 3b – Simulation course (repeat of 3a) (offsite) Cardiac resuscitation update (repeat of Satellite 3a above) <i>Refer to page 18 for details – additional fees apply</i>
1730 - 1900	Health care industry opening and welcome reception <i>Refer to page 28 for details</i>
1900 - 2030	NZSA President’s reception <i>Refer to page 28 for details</i>



Thursday 15 November

0645 - 0815 **Breakfast session 01 – Advanced TEE**
Transesophageal echocardiography and the team approach to mitral valve repair
Sponsored by GE
Refer to page 19 for details

0645 - 0815 **PBLD sessions**
Refer to page 19 for details – additional fees apply

PBLD 01 – Vascular

Assessing the complicated vascular patient for surgery

PBLD 02 – Circulatory assist device management

The perioperative management of circulatory assist devices

PBLD 03 – Thoracic anaesthesia

The challenges of lung isolation

0830 Opening Ceremony

Plenary session 01 – The heart

0915 **Prof Robert Sladen (USA)**

What becomes of the broken heart - heart failure in the perioperative period

1000 **Prof Scott Beattie (Canada)**

What becomes of the broken heart - angina: stents, coronary surgery and modern medical management

1045 Morning tea held amongst the industry exhibition

Concurrent sessions	ICCVA stream 1 Theme: Quality and value	ICCVA stream 2 Theme: Cardiac support	NZA ASM stream 3 Theme: Heart therapy	Workshop stream 4 1115 - 1515	Workshop stream 5 1115 - 1245
1115	ICCVA 01 <i>Prof Nanette Schwann (USA)</i> Lessons from the US health reform	ICCVA 04 <i>Prof John Murkin (Canada)</i> topic to be confirmed	ASM 01 <i>A/Prof Wanda Popescu (USA)</i> Stents – perioperative management	Workshop 01 – Basic echo Introduction to basic TTE – getting the views <i>Refer to page 20 for details – additional fees apply, lunch included</i>	Workshop 02 – Quality and safety FOCUS on patient safety: Tools and techniques <i>Refer to page 20 for details – additional fees apply</i>
1145	ICCVA 02 <i>Dr Sophia Ang Bee Leng (Singapore)</i> Achieving a higher standard of patient safety – a perspective from Singapore	ICCVA 05 <i>Dr David Sidebotham (NZ)</i> 3D echo	ASM 02 <i>Dr James Lai (NZ)</i> Trans-thoracic echo for non-cardiac anaesthetists – now and the future		
1215	ICCVA 03 <i>Dr Donna Greenhalgh (UK)</i> Lessons from Europe	ICCVA 06 <i>Dr William Peters (NZ)</i> C-Pulse support for congestive cardiac failure	ASM 03 <i>Prof Paul Myles (Australia)</i> POISE 2 – clonidine aspirin		
1245	Lunch held amongst the industry exhibition				
Concurrent sessions	ICCVA stream 1 Theme: Transplantation	ICCVA stream 2 Theme: Cardiothoracic	NZA ASM stream 3 Theme: Fluids, monitoring and outcome		
1345	ICCVA 07 <i>Dr Jamie Ramsay (USA)</i> Non-cardiac surgery in the patient who has had a heart transplant	ICCVA 10 <i>Prof Nian Chih Hwang (Singapore)</i> Preconditioning	ASM 04 <i>Dr Maxime Cannesson (USA)</i> Dynamic monitoring – non cardiac surgery	Workshop stream 5 1345 - 1515 Workshop 03 – Advanced TEE TEE case conundrums <i>Refer to page 20 for details – additional fees apply</i>	
1415	ICCVA 08 <i>Prof Peter Slinger (Canada)</i> Managing the patient who has had a lung transplant	ICCVA 11 <i>A/Prof Rick Wu (Taiwan)</i> Pulmonary dysfunction after cardiac surgery	ASM 05 <i>Prof Michael Sander (Germany)</i> Goal-directed therapy in non-cardiac surgery		
1445	ICCVA 09 <i>Dr David Daly (Australia)</i> DCD: Increased donor numbers, better outcomes	ICCVA 12 <i>Prof Charles Hogue (USA)</i> Individualizing perioperative blood pressure targets based on cerebral autoregulation monitoring. A new definition of hypotension	ASM 06 <i>Dr Matt Taylor (NZ)</i> Fast track anaesthesia and outcome		

1515	Afternoon tea held amongst the industry exhibition				
Concurrent sessions	ICCVA stream 1 Theme: Paediatric cardiac	ICCVA stream 2 Theme: Best evidence practice	ASM stream 3 <i>Refer to page 30 for details</i>	Workshop stream 4 1545 - 1715	Workshop stream 5 1545 - 1715
1545	ICCVA 13 <i>Prof Minoru Nomura (Japan)</i> Anaesthetic management of paediatric cardiac catheter interventions	ICCVA 16 <i>Prof Davy Cheng (Canada)</i> iNO in cardiac and critical care: clinical benefit or cost burden?	1545 - 1630 NZSA Annual General Meeting	Workshop 04 – Advanced TEE practice update <i>Refer to page 20 for details – additional fees apply</i>	Workshop 05 – Airways skills workshop <i>Refer to page 20 for details – additional fees apply</i>
1615	ICCVA 14 <i>Prof Justiaan Swanevelder (South Africa)</i> Role of TEE in congenital heart surgery/disease	ICCVA 17 <i>Dr Roger Hall (UK)</i> Management of the severely failing heart	1630 - 1715 ANZCA Annual General Meeting for New Zealand Fellows		
1645	ICCVA 15 <i>Prof Wanda Miller-Hance (USA)</i> Impact of TEE diagnosis in post-cardiac ICU	ICCVA 18 <i>Prof Sol Aronson (USA)</i> Role of hemodynamic control and clinical outcomes			
1715	End of scientific programme for the day				
1715 - 1815	ANZCA President's trainee cocktails <i>Refer to page 28 for details</i>				

Friday 16 November

0645 - 0815 **Breakfast session 02**
Fluid management of the cardiovascular patient
Sponsored by Edwards Lifesciences
Refer to page 21 for details



0700 - 0815 **PBLD sessions**
Refer to page 21 for details – additional fees apply

PBLD 04 – Arrhythmias
Atrial Fibrillation - the latest management guidelines
.....

PBLD 05 – Quality and Safety
Identifying error traps (or the relentless pursuit of patient safety)
.....

PBLD 06 – Coagulation
Dabigatran and other emerging new anticoagulants

Plenary session 02 – The brain and the no-brainer

0830 **A/Prof David A Scott (Australia)**
General anaesthesia and the brain
.....

0915 **Prof Nancy Nussmeier (USA)**
Improving outcomes through developing a culture of research integrity

1000 Morning tea held amongst the industry exhibition


Concurrent sessions	ICCVA stream 1 Theme: Coagulation	ICCVA stream 2 Theme: Aortic surgery	NZ A ASM stream 3 Theme: various	Workshop stream 4 1030 - 1230	Workshop stream 5 1030 - 1230
1030	ICCVA 19 <i>Prof David Mazer (Canada)</i> Thrombin inhibitors	ICCVA 22 <i>Prof David Reich (USA)</i> Aortic surgery and cannulation	ASM 07 Airway <i>Dr Paul Baker (NZ)</i> NZSA Visiting Speaker Quality and safety of airway equipment	Workshop 06 – Simulation Teamwork is key: Identifying teamwork behaviours in your team <i>Refer to page 21 for details – additional fees apply</i>	Workshop 07 – Intermediate / advanced TEE TEE Master Class <i>Refer to page 21 for details – additional fees apply</i>
1100	ICCVA 20 <i>A/Prof Keyvan Karkouti (Canada)</i> Factor VII and other innovations	ICCVA 23 <i>Prof Scott Reeves (USA)</i> Cannulation disasters	ASM 08 Obstetrics <i>Dr Martin Minehan (NZ)</i> Gems from National Womens		
1130	ICCVA 21 <i>Prof Christian von Heymann (Germany)</i> Factor concentrates vs FFP for bleeding after cardiac surgery	ICCVA 24 <i>Prof Manfred Seeberger (Switzerland)</i> Thoracic endovascular aortic stent repair (TEVAR): outcomes and perioperative management	ASM 09 Paediatrics <i>Prof Brian Anderson (NZ)</i> Outcomes		
1230	Lunch held amongst the industry exhibition				
Concurrent sessions	ICCVA stream 1 Theme: Right heart failure	ICCVA stream 2 Theme: Managing CPB	NZ A ASM stream 3	Workshop Stream 4 1330 - 1500	Workshop Stream 5 1330 - 1700
1330	ICCVA 25 <i>A/Prof Sherif Assaad (USA)</i> Current concepts in management of right heart failure	ICCVA 28 <i>Prof Richard Novick (Canada)</i> Failure to wean off CPB	NZSA Ritchie Prize and NZSA Trainee Prize in Anaesthesia Oral paper presentations	Workshop 08 – Circulatory support Venovenous ECMO workshop <i>Refer to page 22 for details – additional fees apply</i>	Workshop 09 – Thoracic anaesthesia Considerations for thoracic anaesthesia – a hands-on approach (repeated in Workshop 11) <i>Refer to page 22 for details – additional fees apply</i>
1400	ICCVA 26 <i>Dr Barbora Parizkova (UK)</i> 3D and 2D evaluation of acute right heart failure	ICCVA 29 <i>A/Prof Simon Mitchell (NZ)</i> Bubbles: diving and bypass			
1430	ICCVA 27 <i>Dr Joe Arrowsmith (UK)</i> Management of pulmonary embolism	ICCVA 30 <i>Mr Paget Milson (NZ)</i> De-airing and bypass			

1500	Afternoon tea held amongst the industry exhibition				
Concurrent sessions	ICCVA stream 1 Theme: Credentialling	ICCVA stream 2 Theme: New techniques	NZ A ASM stream 3 Theme: acute and high risk patients	Workshop Stream 4 1530 - 1700	
1530	ICCVA 31 <i>Speaker to be confirmed</i> Training and credentialling for hearts, TTE and TEE – Australia and NZ	ICCVA 34 <i>Mr Thodur Vasudevan (NZ)</i> Vascular technology into the future	ASM 13 <i>Dr Timothy Short (NZ)</i> Balanced – anaesthetic depth and outcome	Workshop 10 – Circulatory support Veno-arterial ECMO workshop <i>Refer to page 22 for details – additional fees apply</i>	
1600	ICCVA 32 <i>Prof Manfred Seeberger (Switzerland)</i> Training and credentialling for hearts, TTE and TEE – US	ICCVA 35 <i>Dr Hansjörg Jenni (Switzerland)</i> Mini bypass – is this for all?	ASM 14 <i>A/Prof David Story (Australia)</i> Reason Study - risks in older patients		
1630	ICCVA 33 <i>Prof Martin London (USA)</i> AHA CABG guidelines	ICCVA 36 <i>Dr John Leyden (Australia)</i> Percutaneous valvular repair key anaesthesia issues	ASM 15 <i>Dr Richard Dutton (USA)</i> Trauma – anaesthesia and outcomes		
1700	End of scientific programme for the day				
1900	Conference Dinner The Viaduct Events Centre <i>Refer to page 29 for details</i>				

Saturday 17 November

0630 - 0730	Fun run/walk <i>Refer to page 29 for details</i>
0645 - 0815	Breakfast Session 03 Brain monitoring and cardiovascular anaesthesia <i>Refer to page 23 for details</i>
0700 - 1000	Workshop 11 – Thoracic anaesthesia Considerations for thoracic anaesthesia – a hands-on approach (repeat of Workshop 09) <i>Refer to page 23 for details – additional fees apply</i>
Plenary session 03 – Outcomes	
0830	Dr Richard Dutton (USA) How to measure them and change them; perspectives from AQI
0915	Dr Paul Baker (NZ) NZSA Visiting Speaker Education in airway management
1000	Morning tea held amongst the industry exhibition



Concurrent sessions	ICCVA stream 1 Theme: Safety and science	ICCVA stream 2 Theme: Kidney and heart	NZ A ASM stream 3 Theme: human factors	Workshop stream 4 1030 - 1500	Workshop stream 5 1030 - 1200
1030	ICCVA 37 <i>Prof Paul Myles (Australia)</i> Bias and the RCT	ICCVA 40 <i>Prof Weipeng Wang (China)</i> Renal failure post cardiac surgery: pathophysiology, blood and drugs	ASM 16 <i>Dr Nigel Robertson (NZ)</i> OR efficiency, getting more outcomes for less	Workshop 12 – Advanced TEE Hands on 3D workshop: Fundamentals of acquiring and analysing 3D echocardiography images <i>Refer to page 23 for details – additional fees apply</i>	Workshop 13 – Intermediate / advanced TEE TEE master class <i>Refer to page 24 for details – additional fees apply</i>
1100	ICCVA 38 <i>Prof Scott Beattie (Canada)</i> Study design: beyond the RCT	ICCVA 41 <i>Prof Rinaldo Bellomo (Australia)</i> Renal perfusion and protection	ASM 17 <i>Dr Jane Torrie (NZ)</i> Simulation and outcome		
1130	ICCVA 39 <i>A/Prof Elizabeth Martinez (USA)</i> The cardiac surgery translational study	ICCVA 42 <i>A/Prof Simon Body (USA)</i> Genomics and outcomes	ASM 18 <i>Prof Richard Levitan (USA)</i> Intubation skills		
1230	Lunch held amongst the industry exhibition				
Concurrent sessions	ICCVA stream 1 Theme: CVS latest update	ICCVA stream 2 Theme: Paediatric updates	NZ A ASM stream 3 Theme: Human factors		Workshop Stream 5 1330 - 1700
1330	ICCVA 43 <i>Prof Michael Sander (Germany)</i> CVS latest update: colloids – beyond Boldt	ICCVA 46 <i>Prof Alistair Gunn (NZ)</i> Protecting the neonatal brain	ASM 19 <i>Prof Scott Beattie (Canada)</i> Preoperative assessment - how does it change outcome?		Workshop 14 – Intermediate echo Echo to the rescue! <i>Refer to page 24 for details – additional fees apply</i> Sponsored by 
1400	ICCVA 44 <i>Prof Paul Myles (Australia)</i> Goal directed fluid therapy	ICCVA 47 <i>Speaker to be confirmed</i> Paediatric bypass	ASM 20 <i>Dr David Sage (NZ)</i> Root cause analysis of an obstetric anaesthetic death, lessons learned		
1430	ICCVA 45 <i>Prof Albert Perrino (USA)</i> Fluids and thoracic surgery	ICCVA 48 <i>Dr Florian Nuevo (Philippines)</i> Neonatal cardiac anaesthesia: success and failure	ASM 21 <i>Adj Prof Martin Culwick (Australia)</i> Australian and New Zealand Tripartite Anaesthetic Data Committee (ANZTADC)		

1500	Afternoon tea held amongst the industry exhibition
Plenary session	
Theme: Controversies in transfusion	
1530	A/Prof Keyvan Karkouti (Canada) Transfusion trigger and EPO
1545	Prof Christian von Heymann (Germany) Antifibrinolytics
1600	A/Prof Rob Baker (Australia) Devices and procedures
1615	Dr Tim Willcox (NZ) Age of blood
1630	Prof Bruce Spiess (USA) Point of care monitoring: TEG, PLT
1645	Panel discussion
1700	End of scientific programme



Photo: Chris McLennan

Satellite symposia,
breakfast sessions,
problem-based learning
discussions (PBLDs) and
workshops

Monday 12 and Tuesday 13 November

HARTscan® (Haemodynamic Echocardiography Assessment in Real Time Workshop)

Workshop core learning areas:

- Basic transthoracic imaging
- Haemodynamic state assessment including measurement of cardiac output
- Basic assessment of valves using 2D and colour flow Doppler imaging
- HARTscan® examination
- HARTscan® reporting and examples

The workshop brochure can be downloaded at

<https://s3.amazonaws.com/Heartweb/2012WorkshopBrochure.pdf>

Day 1: Monday, 12 November 2012

Time: 0830 - 1700

Day 2: Tuesday, 13 November 2012

Time: 0930 - 1430

Venue: Rydges Hotel, 59 Federal Street, corner
Kingston Street, Central City, Auckland
(not at the Meeting venue)

Coordinator: Karen Wong

Cost: AUD\$1,300

To book: For programme and registration details,
please visit www.heartweb.com.au and for
online registration <http://bit.ly/hartscan>
(not booked with your ICCVA Meeting
registration)

Contact: For course queries or phone registration,
+61 3 8344 5673

Wednesday 14 November

Satellite Symposium 1 – Bats Perioperative Ultrasound Workshop

A one-day hands-on workshop covering regional anaesthesia
and vascular access

Time: 0800 - 1700

Venue: SKYCITY Convention Centre

Facilitator: Dr Chris Nixon (NZ)

Maximum participants: 30

Cost: NZ\$600

To book: For programme and registration details,
please visit www.bats.ac.nz for online
registration (not booked with your ICCVA
Meeting registration)

Contact: For course queries – Karen Patching,
Bats, c/- Department of Anaesthesia &
Perioperative Medicine, Auckland City
Hospital, karen.patching@adhb.govt.nz

**Satellite Symposium 2 - Airway skills course
Difficult airway management**

An intensive hands-on tutorial in airway management techniques. Participants will work in groups of six with one tutor. Individual sets of equipment guarantee ample exposure to a wide range of equipment and techniques.

Time: 0800 - 1700
Venue: The Clinical Skills Centre, Level 4, Support Building, Auckland City Hospital and The Medical School, University of Auckland
Facilitators: Guest tutor, Prof Richard Levitan, Philadelphia, USA and Dr Paul Baker, Auckland, New Zealand
Maximum participants: 24
Cost: NZ\$810 including morning tea, lunch and afternoon tea
To book: For programme and registration details, please visit www.airwayskills.co.nz for online registration (not booked with your ICCVA Meeting registration)
Contact: For any course queries – contact Dr Paul Baker directly paul@airwayskills.co.nz

**Satellite Symposium 3a - Simulation course
Cardiac resuscitation update**

Skill stations and simulated cardiovascular scenarios in a perioperative context. Technical and teamwork aspects are rehearsed in a recently opened state-of-the-art facility with highly experienced faculty who are also practising anaesthetists. Participants will work in realistic teams including anaesthetic assistants and PACU nurses. Visit www.fmhs.auckland.ac.nz/som/anaes/scps to view details about the Centre.

Time: 0800 - 1200
Venue: Simulation Centre for Patient Safety, University of Auckland
Facilitator: Dr Jane Torrie (NZ)
Maximum participants: 10
Cost: NZ\$400
To book: Online link <https://ecommerce.auckland.ac.nz/shop/acsc/courses/p-111.htm> and select to book a course (not booked with your meeting registration)
Contact: For any course queries – contact Dr Jane Torrie directly jtorrie@adhb.govt.nz

**Satellite Symposium 3b – Simulation course
Cardiac resuscitation update (repeat of Satellite 3a)**

Skill stations and simulated cardiovascular scenarios in a perioperative context. Technical and teamwork aspects are rehearsed in a recently opened state-of-the-art facility with highly experienced faculty who are also practising anaesthetists. Participants will work in realistic teams including anaesthetic assistants and PACU nurses. Visit www.fmhs.auckland.ac.nz/som/anaes/scps to view details about the Centre.

Time: 1300 - 1700
Venue: Simulation Centre for Patient Safety, University of Auckland
Facilitator: Dr Jane Torrie (NZ)
Maximum participants: 10
Cost: NZ\$400
To book: Online link <https://ecommerce.auckland.ac.nz/shop/acsc/courses/p-112.htm> and select to book a course (not booked with your meeting registration)
Contact: For any course queries – contact Dr Jane Torrie directly jtorrie@adhb.govt.nz

Thursday 15 November

Breakfast Session 01

Advanced TEE – Transesophageal echocardiography and the team approach to mitral valve repair

Case discussions in mitral valve surgery – trials, trip-ups and occasional triumphs.

Sponsored by GE



Time: 0715 - 0815 including a cooked breakfast from 0645

Venue: SkyCity Convention Centre

Speakers: Dr Mark Edwards, Cardiac Anaesthetist (NZ) and Mr Peter Alison, Cardiac Surgeon (NZ)

Maximum participants: 60

Cost: There is no charge to attend. Entry is by ticket only and tickets will be allocated on a first-in basis to registered delegates.

PBLD 01 – Vascular

Assessing the complicated vascular patient for surgery

Time: 0715 - 0815 including refreshments from 0700

Venue: SkyCity Convention Centre

Facilitator: Dr Neil MacLennan (NZ)

Maximum participants: 15

Cost: NZ\$40 including coffee and croissants

PBLD 02 – Circulatory assist device management

The perioperative management of circulatory assist devices

Time: 0715 - 0815 including refreshments from 0700

Venue: SkyCity Convention Centre

Facilitators: A/Prof George Djaiani (Canada) and Dr David Sidebotham (NZ)

Maximum participants: 15

Cost: NZ\$40 including coffee and croissants

PBLD 03 – Thoracic anaesthesia

The challenges of lung isolation

This PBLD is composed of case presentations followed by case discussion and a brief lecture on the related topics.

Time: 0715 - 0815 including refreshments from 0700

Venue: SkyCity Convention Centre

Facilitator: Prof Jae-Hyon Bahk (Republic of Korea)

Maximum participants: 25

Cost: NZ\$40 including coffee and croissants

Workshop 01 – Basic Echo

Introduction to basic TTE – getting the views

Interested in starting out in TTE? This hands-on workshop will use live model scanning and state-of-the-art echo simulators to teach the fundamentals of TTE. With experienced tutors and small groups, this three-hour workshop is an ideal starter for any anaesthetist considering learning TTE. Prior experience in transesophageal echocardiography will be helpful, but not essential.

Time: 1115 - 1515 (including conference lunch)

Venue: SkyCity Convention Centre

Facilitators: Prof Colin Royse (Aus), Prof John Faris (Aus), Prof Michael Veltman (Aus), Dr David Canty (Aus), Dr Johanna Rose (NZ) and Dr Sarah Kennedy (NZ)

Maximum participants: 24-30

Cost: NZ\$200

Workshop 02 - Quality and safety

FOCUS on patient safety: Tools and techniques

The attendees will have the opportunity to learn and practise three practical tools to improve patient safety in their operating rooms. The tools will be presented and discussed, and then attendees will have opportunities to practise using the tools in real cases. The tools will include: Learning from Defects: a simple tool to identify and eliminate system defects that can result in patient harm; Hand-off Tool: a basic checklist style tool to guide hand-offs between anaesthesia providers and between OR and PACU or ICU teams that can significantly reduce information transfer failures; Briefing/Debriefing: tools that can be used to guide an OR team in an effective briefing (prior to a case to reduce power distance, improve communication and identify potential failures during the case), and following a case to discuss and defects or errors that need to be addressed.

Time: 1115 - 1245

Venue: SkyCity Convention Centre

Moderators: A/Prof Elizabeth Martinez (USA), Prof Bruce Spiess (USA) and Adj A/Prof Joyce Wahr (USA)

Maximum participants: 30

Cost: NZ\$40

Workshop 03 - Advanced TEE

TEE case conundrums

In this session, the speakers will each present the use of TEE in challenging cardiac cases. The panel and the audience will then analyse the clinical elements.

Time: 1345 - 1515

Venue: SkyCity Convention Centre

Facilitators: Prof Steve Konstadt (USA), Prof Stanton Shernan (USA) Prof Justiaan Swanevelder (South Africa) and A/Prof Annette Vegas (Canada)

Maximum participants: 35 - 40

Cost: NZ\$40

Workshop 04 – Advanced TEE practice update

Pitfalls in MV assessment – Dr David Sidebotham (NZ)

Trouble shooting VADs – Dr Sara Allen (NZ)

TEE and Aortic Valve Repair – Dr Joachim Erb (Switzerland)

Time: 1545 - 1715

Venue: SkyCity Convention Centre

Moderator: Dr David Sidebotham (NZ)

Maximum participants: 35 - 40

Cost: NZ\$40

Workshop 05 - Airway

Airways skills workshop

An update in airway skills, this workshop offers hands-on experience, small groups, a wide range of airway equipment (including the Orsim Bronchoscopy Simulator), and expert tuition from our international faculty for maximum learning.

Time: 1545 - 1715

Venue: SkyCity Convention Centre

Facilitators: Prof Richard Levitan (USA), Dr Paul Baker (NZ), Dr Veronica Payne (Aus), Dr Craig Birch (NZ), Dr Grant Hounsell (NZ) and Dr Paul Gardiner (NZ)

Maximum participants: 24

Cost: NZ\$100

Friday 16 November

Breakfast Session 02

Fluid management of the cardiovascular patient

Interactive case study presentation using dynamic parameters to treat the patient. This session requires full audience participation.

Sponsored by Edwards Lifesciences



Time: 0715 - 0815 including a cooked breakfast from 0645

Venue: SkyCity Convention Centre

Speaker: Dr Shay McGuinness (NZ)

Maximum participants: 60

Cost: There is no charge to attend. Entry is by ticket only and tickets will be allocated on a first-in basis to registered delegates.

PBLD 04 – Arrhythmias

Atrial fibrillation – the latest management guidelines

Time: 0700 - 0815 including refreshments from 0645

Venue: SkyCity Convention Centre

Facilitator: Prof Joseph Mathew (USA)

Maximum participants: 15

Cost: NZ\$40 including coffee and croissants

PBLD 05 – Quality and safety

Identifying error traps (or the relentless pursuit of patient safety)

Learning Objectives:

1. The attendee will be able to describe the basic types of human error and how latent system failures can combine with human error to cause patient injury.
2. The attendee will understand how to use the Learning from Defects tool to identify the system defect that results in errors and to correct these defects (attendees will work through several real life cases)

Time: 0715 - 0815 including refreshments from 0700

Venue: SkyCity Convention Centre

Facilitators: A/Prof Elizabeth Martinez (USA) and Adj A/Prof Joyce Wahr (USA)

Maximum participants: 12

Cost: NZ\$40 including coffee and croissants

PBLD 06 – Coagulation

Dabigatran and other emerging new anticoagulants

Time: 0715 - 0815 including refreshments from 0700

Venue: SkyCity Convention Centre

Facilitators: Dr Laura Young (NZ) and Prof Bruce Spiess (USA)

Maximum participants: 20

Cost: NZ\$40 including coffee and croissants

Workshop 06 – Simulation

Teamwork is key: Identifying teamwork behaviours in your team

In this workshop, registrants will practise identifying and rating specific teamwork behaviours in short videos of simulated perioperative events using a validated measurement tool. After this small group interactive session, registrants will be better prepared to recognise, discuss and improve teamwork behaviours in their working environment.

Time: 1030 - 1200

Venue: SkyCity Convention Centre

Facilitator: Lead faculty Dr Jane Torrie (NZ)

Maximum participants: 18

Cost: NZ\$40

Workshop 07 – Intermediate / advanced TEE TEE Master Class

Prof Christopher Troianos (USA) – Ischemic mitral regurgitation

Dr Chirojit Mukherjee (Germany) – 3D Echocardiography of the mitral valve and hybrid imaging

A/Prof Stéphane Lambert (Canada) – 3D Echocardiography of the aortic and tricuspid valves

A/Prof Mary Beth Brady (USA) – You make the call!

Time: 1030 - 1200

Venue: SkyCity Convention Centre

Moderator: Prof Christopher Troianos

Maximum participants: 30 - 40

Cost: NZ\$40

Workshop 08 – Circulatory support

Venovenous ECMO workshop

In this workshop, we will outline the basic principles of Venovenous ECMO (“VV ECMO”) and illustrate these principles using a high fidelity VV ECMO simulator. The areas to be covered during the session will include:

- The rationale for VV ECMO
- Patient selection
- System/circuit design
- Cannula selection and insertion
- Anti-coagulation management
- Basic manipulation of a VV ECMO system
- Ventilator management during VV ECMO
- Problem-solving during VV ECMO
- Weaning from VV ECMO.

Time: 1330 - 1500
Venue: SkyCity Convention Centre
Facilitator: Dr Andy Pybus (Aus)
Maximum participants: 25 -30
Cost: NZ\$40

Workshop 09 – Thoracic anaesthesia

Considerations for thoracic anaesthesia – a hands-on approach (repeated in Workshop 11)

Isolation of the lung: double lumen tubes
Prof Peter Slinger (Canada)

Isolation of the lung: endobronchial blockers
Prof Edmond Cohen (USA)

Paravertebral regional anaesthesia
Dr David M Scott (Aus)

After these short lectures, registrants will rotate through stations with hands-on demonstration of the skills and equipment required in thoracic anaesthesia. Our expert international faculty will cover topics including paediatric lung isolation, lung isolation, and the difficult airway and ultrasound guided paravertebral blocks.

Time: 1330 - 1700 (conference coffee break included)
Venue: SkyCity Convention Centre
Facilitators: Prof Peter Slinger (Canada), Prof Edmond Cohen (USA) A/Prof Alexander Mittnacht (USA), A/Prof Mary Beth Brady (USA), Dr David M Scott (Aus), Dr Desmond McGlade (Aus), Dr Manu Narayanaswamy (Aus), Dr Sally Barlow (NZ) and Dr Jeremy Cooper (NZ)
Maximum participants: 40 - 48
Cost: NZ\$200

Workshop 10 – Circulatory support

Veno-arterial ECMO workshop

In this workshop, we will outline the basic principles of Veno-Arterial ECMO (“VA ECMO”) and illustrate these principles using a high fidelity VA ECMO simulator. The areas to be covered during the session will include:

- The rationale for VA ECMO
- Patient selection
- System/circuit design
- Cannula selection and insertion
- Anti-coagulation management
- Basic manipulation of a VA ECMO system
- Problem-solving VA ECMO
- Comparisons with VV ECMO
- Ventilator management during VA ECMO
- Cardiovascular management during VA ECMO
- Weaning from VA ECMO.

Time: 1530 - 1700
Venue: SkyCity Convention Centre
Facilitator: Dr Andy Pybus (Aus)
Maximum participants: 25 - 30
Cost: NZ\$40

Saturday 17 November

Breakfast Session 03

Brain monitoring and cardiovascular anaesthesia

Time: 0715 - 0815 including a cooked breakfast from 0645
Venue: SkyCity Convention Centre
Speaker: To be confirmed
Maximum participants: 60
Cost: There is no charge to attend. Entry is by ticket only and tickets will be allocated on a first-in basis to registered delegates.

Workshop 11 – Thoracic anaesthesia

Considerations for thoracic anaesthesia – a hands-on approach (repeat of Workshop 09)

Isolation of the lung: double lumen tubes
Prof Peter Slinger (Canada)
Isolation of the lung: endobronchial blockers
Prof Edmond Cohen (USA)
Paravertebral regional anaesthesia
Dr David M Scott (Aus)

After these short lectures, registrants will rotate through stations with hands-on demonstration of the skills and equipment required for thoracic anaesthesia. Our expert international faculty will cover topics including paediatric lung isolation, lung isolation, and the difficult airway and ultrasound guided paravertebral blocks.

Time: 0715 - 1000 (including refreshments from 0700)
Venue: SkyCity Convention Centre
Facilitators: Prof Peter Slinger (Canada), Prof Edmond Cohen (USA), A/Prof Alexander Mitnacht (USA), A/Prof Mary Beth Brady (USA), Dr David M Scott (Aus), Dr Desmond McGlade (Aus), Dr Manu Narayanaswamy (Aus), Dr Sally Barlow (NZ) and Dr Jeremy Cooper (NZ)
Maximum participants: 40 - 48
Cost: NZ\$200 including coffee and croissants

Workshop 12 - Advanced TEE

Hands on 3D workshop: Fundamentals of acquiring and analysing 3D echocardiography images

This workshop introduces the basics of 3D echocardiography: Knobology: image acquisition and optimisation – presentation and demonstration.
Introduction and orientation to Q-lab
Following lunch, registrants will break into two streams.
Stream 1 Q-lab (mitral valve and LV)
Stream 2 Q-lab (congenital heart lesions) (anatomical pathology correlation – to be confirmed)

Registrants need to answer the following questions at registration:

- 1) 3D echo experience: novice/regular user/advanced user
- 2) Which stream they would prefer: adult (MV, LV)/congenital heart disease

Time: 1030 - 1500 (including conference lunch)
Venue: SkyCity Convention Centre
Facilitators: Prof Stanton Shernan (USA), Prof Minoru Nomura (Japan), Prof Justiaan Swanevelder (South Africa) Dr Jörg Ender (Germany), Dr Roman Kluger (Aus), A/Prof Daniel Bainbridge (Canada), Dr Tom Gentles (NZ) and Dr Louise Calder (NZ)
Maximum participants: 36 - 40
Cost: NZ\$200

**Workshop 13 – Intermediate / advanced TEE
TEE master class**

Prof Nian Chih Hwang (Singapore)

Tissue doppler imaging

A/Prof Kathryn Glas (USA)

Assessing the prosthetic valve

A/Prof Stéphane Lambert (Canada)

Beyond the 20 views

Dr Nickoloas Skubas (USA)

Topic to be confirmed

Time: 1030 - 1200

Venue: SkyCity Convention Centre

Moderator: Prof Nian Chih Hwang (Singapore)

Maximum participants: 30-40

Cost: NZ\$40

**Workshop 14 – Intermediate Echo
Echo to the rescue!**

Sponsored by Baxter

Baxter

This hands-on workshop will introduce registrants to the use of focused ultrasound in emergencies. Live model scanning; advanced simulators and expert instructors will be used to guide participants through different clinical scenarios, teaching important views and strategies for diagnosing and managing clinical emergencies.

Basic haemodynamic state assessment

Prof Colin Royse (Australia)

Limited lung and abdomen scanning

Prof André Denault (Canada)

Break-out session with live model scanning

Simulator based scenarios

Time: 1330 - 1700 (including conference coffee break)

Venue: SkyCity Convention Centre

Facilitators: Prof Colin Royse (Aus), A/Prof Wanda Popescu (USA), Prof André Denault (Canada), Prof John Faris (Aus), Prof Michael Veltman (Aus) and Dr David Canty (Aus)

Maximum participants: 24-30

Cost: NZ\$200



Photo: Gareth Eyles