<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>0800 - 1700</td>
<td><strong>Satellite Symposium 1 – Bats</strong></td>
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<td></td>
<td>Perioperative ultrasound workshop</td>
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<td>Refer to page 17 for details – additional fees apply</td>
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<tr>
<td>0800 - 1700</td>
<td><strong>Satellite Symposium 2 – Airway skills course</strong> (offsite)</td>
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<td></td>
<td>Difficult airway management</td>
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<td>Refer to page 18 for details – additional fees apply</td>
</tr>
<tr>
<td>0800 - 1200</td>
<td><strong>Satellite Symposium 3a – Simulation course</strong> (offsite)</td>
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<tr>
<td></td>
<td>Cardiac resuscitation update</td>
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<td>Refer to page 18 for details – additional fees apply</td>
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<tr>
<td>1300 - 1700</td>
<td><strong>Satellite Symposium 3b – Simulation course</strong> (repeat of 3a) (offsite)</td>
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<td>Cardiac resuscitation update (repeat of Satellite 3a above)</td>
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<td>Refer to page 18 for details – additional fees apply</td>
</tr>
<tr>
<td>1730 - 1900</td>
<td><strong>Health care industry opening and welcome reception</strong></td>
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<td>Refer to page 28 for details</td>
</tr>
<tr>
<td>1900 - 2030</td>
<td><strong>NZSA President’s reception</strong></td>
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<td>Refer to page 28 for details</td>
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<td>Time</td>
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<tr>
<td>0645</td>
<td>Breakfast session 01 – Advanced TEE</td>
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<td>Transesophageal echocardiography and the team approach to mitral valve</td>
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<td>Refer to page 19 for details</td>
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<tr>
<td>0645</td>
<td>PBLD sessions</td>
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<td>Refer to page 19 for details – additional fees apply</td>
</tr>
<tr>
<td></td>
<td>PBLD 01 – Vascular</td>
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<tr>
<td></td>
<td>Assessing the complicated vascular patient for surgery</td>
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<td>PBLD 02 – Circulatory assist device management</td>
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<td>The perioperative management of circulatory assist devices</td>
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<td></td>
<td>PBLD 03 – Thoracic anaesthesia</td>
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<td>The challenges of lung isolation</td>
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<tr>
<td>0830</td>
<td>Opening Ceremony</td>
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<tr>
<td>0915</td>
<td>Plenary session 01 – The heart</td>
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<tr>
<td></td>
<td>Prof Robert Sladen (USA)</td>
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<td>What becomes of the broken heart - heart failure in the perioperative</td>
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<td>period</td>
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<tr>
<td>1000</td>
<td>Prof Scott Beattie (Canada)</td>
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<td></td>
<td>What becomes of the broken heart - angina: stents, coronary surgery</td>
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<tr>
<td></td>
<td>and modern medical management</td>
</tr>
<tr>
<td>1045</td>
<td>Morning tea held amongst the industry exhibition</td>
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</tbody>
</table>

Note that this programme is correct at the time of printing. However changes, will occur leading up to the meeting. To view the most up-to-date programme please visit [www.iccva2012.com](http://www.iccva2012.com)
| Concurrent sessions | ICCVA stream 1  
| Theme: Quality and value  
| ICCVA 01  
| Prof Nanette Schwann (USA)  
| Lessons from the US health reform  
| ICCVA 02  
| Dr Sophia Ang Bee Leng (Singapore)  
| Achieving a higher standard of patient safety – a perspective from Singapore  
| ICCVA 03  
| Dr Donna Greenhalgh (UK)  
| Lessons from Europe  
| ICCVA 04  
| Prof John Markin (Canada)  
| topic to be confirmed  | ICCVA stream 2  
| Theme: Cardiac support  
| ICCVA 05  
| Dr David Sidebotham (NZ)  
| 3D echo  
| ICCVA 06  
| Dr William Peters (NZ)  
| C-Pulse support for congestive cardiac failure  | ICCVA stream 3  
| Theme: Heart therapy  
| ASM 01  
| Prof Wanda Popescu (USA)  
| Stents – perioperative management  | NZA ASM stream 3  
| Theme: Heart therapy  
| ASM 02  
| Dr James Lai (NZ)  
| Trans-thoracic echo for non-cardiac anaesthetists – now and the future  
| ASM 03  
| Prof Paul Myles (Australia)  
| POISE 2 – clonidine aspirin  |

| Workshop stream 4  
| 1115 - 1515  
| Workshop 01 – Basic echo  
| Introduction to basic TTE – getting the views  
| Refer to page 20 for details – additional fees apply, lunch included  |

| Workshop stream 5  
| 1115 - 1245  
| Workshop 02 – Quality and safety  
| FOCUS on patient safety: Tools and techniques  
| Refer to page 20 for details – additional fees apply  |

| Workshop stream 5  
| 1345 - 1515  
| Workshop 03 – Advanced TEE  
| TEE case conundrums  
| Refer to page 20 for details – additional fees apply  |

Note that this programme is correct at the time of printing. However, changes will occur leading up to the meeting. To view the most up-to-date programme please visit [www.iccva2012.com](http://www.iccva2012.com)
<table>
<thead>
<tr>
<th>Time</th>
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<th>Workshop stream 4</th>
<th>Workshop stream 5</th>
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<tbody>
<tr>
<td>1515</td>
<td>Afternoon tea held amongst the industry exhibition</td>
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<td>1545 - 1715</td>
<td>1545 - 1715</td>
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<tr>
<td>1545</td>
<td><strong>ICCVA stream 1</strong>&lt;br&gt;Theme: Paediatric cardiac&lt;br&gt;ICCVA 13&lt;br&gt;Prof Minoru Nomura (Japan)&lt;br&gt;Anaesthetic management of paediatric cardiac catheter interventions</td>
<td></td>
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<td></td>
<td><strong>Workshop 04 – Advanced TEE practice update</strong>&lt;br&gt;Refer to page 20 for details – additional fees apply</td>
<td><strong>Workshop 05 – Airways skills workshop</strong>&lt;br&gt;Refer to page 20 for details – additional fees apply</td>
</tr>
<tr>
<td></td>
<td><strong>ICCVA stream 2</strong>&lt;br&gt;Theme: Best evidence practice&lt;br&gt;ICCVA 16&lt;br&gt;Prof Davy Cheng (Canada)&lt;br&gt;iNO in cardiac and critical care: clinical benefit or cost burden?</td>
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<tr>
<td>1615</td>
<td>ICCVA 14&lt;br&gt;Prof Justiaan Swanevelder (South Africa) &lt;br&gt;Role of TEE in congenital heart surgery/disease</td>
<td></td>
<td>ICCVA 17</td>
<td></td>
<td>1630 - 1715</td>
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<tr>
<td></td>
<td>ICCVA 17&lt;br&gt;Dr Roger Hall (UK)&lt;br&gt;Management of the severely failing heart</td>
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<td>ANZCA Annual General Meeting for New Zealand Fellows</td>
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<tr>
<td>1645</td>
<td>ICCVA 15&lt;br&gt;Prof Wanda Miller-Hance (USA)&lt;br&gt;Impact of TEE diagnosis in post-cardiac ICU</td>
<td></td>
<td>ICCVA 18</td>
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<tr>
<td></td>
<td>ICCVA 18&lt;br&gt;Prof Sol Aronson (USA)&lt;br&gt;Role of hemodynamic control and clinical outcomes</td>
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<tr>
<td>1715</td>
<td>End of scientific programme for the day</td>
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<tr>
<td>1715 - 1815</td>
<td>ANZCA President's trainee cocktails&lt;br&gt;Refer to page 28 for details</td>
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### Friday 16 November

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Details</th>
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<tbody>
<tr>
<td>0645</td>
<td><strong>Breakfast session 02</strong></td>
<td>Fluid management of the cardiovascular patient</td>
</tr>
<tr>
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<td>Sponsored by Edwards Lifesciences</td>
<td>Refer to page 21 for details</td>
</tr>
<tr>
<td>0645</td>
<td></td>
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<tr>
<td>0700</td>
<td><strong>PBLD sessions</strong></td>
<td>Refer to page 21 for details – additional fees apply</td>
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<td></td>
<td><strong>PBLD 04 – Arrhythmias</strong></td>
<td>Atrial Fibrillation - the latest management guidelines</td>
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<td><strong>PBLD 05 – Quality and Safety</strong></td>
<td>Identifying error traps (or the relentless pursuit of patient safety)</td>
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<td></td>
<td><strong>PBLD 06 – Coagulation</strong></td>
<td>Dabigatran and other emerging new anticoagulants</td>
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<tr>
<td>0830</td>
<td><strong>Plenary session 02 – The brain and the no-brainer</strong></td>
<td>A/Prof David A Scott (Australia) General anaesthesia and the brain</td>
</tr>
<tr>
<td>0915</td>
<td></td>
<td>Prof Nancy Nussmeier (USA) Improving outcomes through developing a culture of research integrity</td>
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<tr>
<td>1000</td>
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<td>Morning tea held amongst the industry exhibition</td>
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**Concurrent sessions**

<table>
<thead>
<tr>
<th>Time</th>
<th>ICCVA stream 1 Theme: Coagulation</th>
<th>ICCVA stream 2 Theme: Aortic surgery</th>
<th>NZ A ASM stream 3 Theme: various</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1030</strong></td>
<td>ICCVA 19 Prof David Mazer (Canada) Thrombin inhibitors</td>
<td>ICCVA 22 Prof David Reich (USA) Aortic surgery and cannulation</td>
<td>ASM 07 Airway Dr Paul Baker (NZ) NZSA Visiting Speaker Quality and safety of airway equipment</td>
</tr>
<tr>
<td><strong>1100</strong></td>
<td>ICCVA 20 A/Prof Keyvan Karkouti (Canada) Factor VII and other innovations</td>
<td>ICCVA 23 Prof Scott Reeves (USA) Cannulation disasters</td>
<td>ASM 08 Obstetrics Dr Martin Minehan (NZ) Gems from National Womens</td>
</tr>
<tr>
<td><strong>1130</strong></td>
<td>ICCVA 21 Prof Christian von Heymann (Germany) Factor concentrates vs FFP for bleeding after cardiac surgery</td>
<td>ICCVA 24 Prof Manfred Seeberger (Switzerland) Thoracic endovascular aortic stent repair (TEVAR): outcomes and perioperative management</td>
<td>ASM 09 Paediatrics Prof Brian Anderson (NZ) Outcomes</td>
</tr>
<tr>
<td><strong>1230</strong></td>
<td>Lunch held amongst the industry exhibition</td>
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<thead>
<tr>
<th>Time</th>
<th>Workshop Stream 4 1030 - 1230</th>
<th>Workshop Stream 5 1030 - 1230</th>
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<tbody>
<tr>
<td><strong>1330</strong></td>
<td>Workshop 06 – Simulation Teambuilding is key: Identifying teamwork behaviours in your team Refer to page 21 for details – additional fees apply</td>
<td>Workshop 07 – Intermediate / advanced TEE TEE Master Class Refer to page 21 for details – additional fees apply</td>
</tr>
<tr>
<td><strong>1400</strong></td>
<td>Workshop 08 – Circulatory support Venovenous ECMO workshop Refer to page 22 for details – additional fees apply</td>
<td>Workshop 09 – Thoracic anaesthesia Considerations for thoracic anaesthesia – a hands-on approach (repeated in Workshop 11) Refer to page 22 for details – additional fees apply</td>
</tr>
<tr>
<td><strong>1430</strong></td>
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<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>1500</td>
<td>Afternoon tea held amongst the industry exhibition</td>
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<tr>
<td>1530</td>
<td><strong>Concurrent sessions</strong>&lt;br&gt;ICCVA stream 1&lt;br&gt;<strong>Theme: Credentialling</strong>&lt;br&gt;ICCVA 31&lt;br&gt;Speaker to be confirmed&lt;br&gt;Training and credentialling for hearts, TTE and TEE – Australia and NZ&lt;br&gt;ICCVA stream 2&lt;br&gt;<strong>Theme: New techniques</strong>&lt;br&gt;ICCVA 34&lt;br&gt;Mr Thodur Vasudevan (NZ)&lt;br&gt;Vascular technology into the future&lt;br&gt;ICCVA 35&lt;br&gt;Dr Hansjörg Jenni (Switzerland)&lt;br&gt;Mini bypass – is this for all?</td>
</tr>
<tr>
<td>1530</td>
<td>Workshop Stream 4&lt;br&gt;1530 - 1700&lt;br&gt;Workshop 10 – Circulatory support&lt;br&gt;Veno-arterial ECMO workshop&lt;br&gt;Refer to page 22 for details – additional fees apply</td>
</tr>
<tr>
<td>1600</td>
<td>ICCVA 32&lt;br&gt;Prof Manfred Seeberger (Switzerland)&lt;br&gt;Training and credentialling for hearts, TTE and TEE – US&lt;br&gt;ICCVA 35&lt;br&gt;Dr Hansjörg Jenni (Switzerland)&lt;br&gt;Mini bypass – is this for all?</td>
</tr>
<tr>
<td>1630</td>
<td>ICCVA 33&lt;br&gt;Prof Martin London (USA)&lt;br&gt;AHA CABG guidelines&lt;br&gt;ICCVA 36&lt;br&gt;Dr John Leyden (Australia)&lt;br&gt;Percutaneous valvular repair key anaesthesia issues&lt;br&gt;ASM 15&lt;br&gt;Dr Richard Dutton (USA)&lt;br&gt;Trauma – anaesthesia and outcomes</td>
</tr>
<tr>
<td>1700</td>
<td>End of scientific programme for the day</td>
</tr>
<tr>
<td>1900</td>
<td><strong>Conference Dinner</strong>&lt;br&gt;The Viaduct Events Centre&lt;br&gt;Refer to page 29 for details</td>
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### Saturday 17 November

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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</table>
| 0630 - 0730 | Fun run/walk  
Refer to page 29 for details |
| 0645 - 0815 | **Breakfast Session 03**  
Brain monitoring and cardiovascular anaesthesia  
Refer to page 23 for details |
| 0700 - 1000 | **Workshop 11 – Thoracic anaesthesia**  
Considerations for thoracic anaesthesia – a hands-on approach  
(repeat of Workshop 09)  
Refer to page 23 for details – additional fees apply |
|         | **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 |
<p>| 1000    | Morning tea held amongst the industry exhibition |</p>
<table>
<thead>
<tr>
<th>Time</th>
<th>Concurrent sessions</th>
<th>Theme</th>
<th>Speakers/Topics</th>
</tr>
</thead>
</table>
| 1030  | ICCVA stream 1              | Theme: Safety and science    | ICCVA 37  
Prof Paul Myles (Australia)  
Bias and the RCT |
|       |                             |                              | ICCVA 40  
Prof Weipeng Wang (China)  
Renal failure post cardiac surgery: pathophysiology, blood and drugs |
|       |                             |                              | ICCVA 41  
Prof Rinaldo Bellomo (Australia)  
Renal perfusion and protection |
|       |                             |                              | ICCVA 42  
A/Prof Elizabeth Martinez (USA)  
The cardiac surgery translational study |
|       |                             |                              | A/Prof Simon Body (USA)  
Genomics and outcomes |
|       |                             |                              | ASM 17  
Dr Jane Torrie (NZ)  
Simulation and outcome |
|       |                             |                              | ASM 18  
Prof Richard Levitan (USA)  
Intubation skills |
|       |                             |                              | ASM 19  
Prof Scott Beattie (Canada)  
Preoperative assessment - how does it change outcome? |
|       |                             |                              | ASM 20  
Dr David Sage (NZ)  
Root cause analysis of an obstetric anaesthetic death, lessons learned |
|       |                             |                              | ASM 21  
Adj Prof Martin Culwick (Australia)  
Australian and New Zealand Tripartite Anaesthetic Data Committee (ANZTADC) |
| 1100  |                             |                              | ASM 16  
Dr Nigel Robertson (NZ)  
OR efficiency, getting more outcomes for less |
|       |                             |                              | Workshop 12 – Advanced TEE  
Hands on 3D workshop: Fundamentals of acquiring and analysing 3D echocardiography images |
|       |                             |                              | Refer to page 23 for details – additional fees apply |
| 1130  |                             |                              | Workshop 13 – Intermediate / advanced TEE  
TEE master class |
|       |                             |                              | Refer to page 24 for details – additional fees apply |
| 1230  |                             |                              | Lunch held amongst the industry exhibition |

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**Saturday 17 November**

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1500</td>
<td>Afternoon tea held amongst the industry exhibition</td>
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</tbody>
</table>
| 1530  | **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                                           |

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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

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


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

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

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 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) and Prof Justiaan Swanepoel (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
Dabigitran 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 Veno-Venous 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 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 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 Nickoel 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

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