Excellence in Peri-operative Care

18 - 19 November
2017

Invited Guests

Prof Mike Grocott
A/Prof Carmel Hawley
A/Prof Peter Wood

Dr Martin Culwick
Dr Sean McManus
Dr Melanie Tan

PROGRAM

Venue:
Translational Research Institute (TRI)
Princess Alexandra Hospital
199 Ipswich Road, Woolloongabba
Brisbane, Queensland.

https://2017paac-anaesthetic.eventbrite.com.au
We are delighted to invite you to join us for the 3rd annual Princess Alexandra Anaesthetic Conference (PAAC): Excellence in Perioperative Care. Clinical excellence requires the combination of modern therapy and a culture of continuous quality improvement. Learn from both international and local experts in the field about state of the art perioperative care and strategies to improve this practice through Quality Assurance, all whilst attracting CPD points for practice evaluation, knowledge and skills, and emergency response.

For a busy anaesthetic practitioner, attending the PAAC provides the opportunity to take some much-needed time away from routine work and reflect on the nature of our practice, to share ideas and experiences with colleagues to learn and evolve as better practitioners. Nested within the Translational Research Institute a centre of academic excellence, the PAAC will cover both a range of core topics (perioperative acute kidney injury, anaphylaxis, ANZCA’s vision for perioperative medicine, novel anticoagulants), practice evaluation (Webairs, morbidity and mortality), and workshops for emergency response and more! Relax post conference at the cocktail reception in the idyllic surroundings of the Translational Research Institute.

This year tailored sessions on morbidity & mortality cases with audience interaction will attract ANZCA CPD quality assurance points. Demands for workshops are high and participant’s places are limited. Therefore I urge you to register at the earliest opportunity in order to secure the place of your choice.

I look forward to welcoming you to the PAAC 2017.

Conference Convenor
Dr Pal Sivalingam
Deputy Director of Anaesthesia,
PA Hospital, Brisbane.
PAAC 2017 Committee

Convenor – Dr Pal Sivalingam

Scientific committee
Dr Adrian Hall, A/Prof David Sturgess, Dr David Highton, Dr Srinivas Rachakonda

Workshop conveners
Dr Phil Lee, Dr Owen Bourne, Dr Francesca Rawlins

Logistics & Social conveners
Dr Ben Howes
Dr Lauren Exelby

Sponsorship convener
Dr Christian Van Nieuwenhuysen

Anaesthetic nurse representative
Hayley Tickle

Venue

Translational Research Institute (TRI)
Princess Alexandra Hospital
199 Ipswich Road, Woolloongabba
Brisbane / Queensland.

CME Points

This educational activity has been approved in the ANZCA CPD Program. Attendance in QA points sessions are eligible to claim ANZCA CPD Practice Evaluation (QA) points.
# PAAC 18 - 19 November 2017

## Saturday 18th November 2017

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<td>08.00 - 08.20</td>
<td>Registration</td>
<td>Dr Pal Sivalingam</td>
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<td>08.20 - 08.30</td>
<td>Welcome</td>
<td>A/Prof Carmel Hawley</td>
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<td>08.30 - 09.00</td>
<td>Peri-operative Acute Kidney Injury</td>
<td>Dr Christian Van Nieuwenhuysen</td>
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<td>09.30 - 10.00</td>
<td>Update on Anaphylaxis</td>
<td>Dr Peta Lorraway</td>
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<td>Anaesthesia for Clot Retrieval following Acute Stroke</td>
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<td>11.00 - 12.30</td>
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<td></td>
<td>1. Anaphylaxis</td>
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<td>3. ROTEM/TEG</td>
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<td>4. FANZCA final exam- examiners perspective</td>
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<td>13.30 - 14.00</td>
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<td>Critical events and Medicolegal reporting</td>
<td>Dr Melanie Tan</td>
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<td>14.30 - 15.00</td>
<td>Preventing Anaesthetic errors - Fix it twice</td>
<td>Dr Martin Culwick</td>
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<td>(attracts ANZCA CPD Practice Evaluation (QA) points)</td>
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<tr>
<td>14.30 - 15.00</td>
<td><strong>TEA</strong></td>
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<td>15.00 - 17.00</td>
<td>M&amp;M session and panel discussion (attracts QA points)</td>
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<td>17.30 - 19.30</td>
<td><strong>Cocktail reception - Atrium</strong></td>
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**Sunday 19th November 2017**

**07.00 - 07.45**  
Isha Kriya by Teacher from Isha foundation (Isha Yoga centre) - guided meditation  
(Kindly be seated in the auditorium by 06.55 am)

**07.45 - 08.15**  
**BREAKFAST**

**08.15 - 09.00**  
NELA - Quality Improvement and Beyond  
*Prof Mike Grocott (UK)*

**09.00 - 09.30**  
ANZCA’s vision for Perioperative Medicine  
*Dr Sean McManus*

**09.30 - 10.00**  
Novel Anticoagulants  
*Dr Peter Wood*

**10.00 - 10.30**  
Codman, SNOMED and George Bush Jnr  
(Clinical Informatics in Anaesthesia)  
*Dr Nicholas Heard & Mr Glen Higginbotham*

**10.30 - 11.00**  
**MORNING TEA**

**11.00 - 12.30**  
**Workshops Session 2**  
Workshop Numbers
5. Cardiac Arrest  
6. US guided peripheral nerve blocks  
7. CPEX & Advanced Haemodynamic monitoring  
8. Transthoracic Echocardiogram (TTE)  
9. Major Haemorrhage
Invited Guests

Professor Mike Grocott BSc MBBS MD FRCA FRCP FFICM

Mike Grocott is the Professor of Anaesthesia and Critical Care at the University of Southampton and Consultant in Critical Care Medicine at University Hospital Southampton NHS Foundation Trust. Mike graduated in medicine from St George’s Hospital Medical School, University of London having also completed an intercalated degree in “Biomedical Sciences and Immunology” (BSc, 1989; MBBS, 1992). He has completed general professional training in internal medicine (MRCP, 1996) and UK anaesthesia fellowship (FRCA, 1999) before undertaking research training with Professor Michael (Monty) Mythen within the UCL Centre for Anaesthesia (MD, 2010).

Mike is the Founding Director of the National Institute of Academic Anaesthesia (NIAA) Health Services Research Centre at the Royal College of Anaesthetists and chairs the HQIP funded National Emergency Laparotomy Audit (2012-). He was previously the director of the UCL/UCLH Surgical Outcomes Research Centre (SOuRCe; 2008-2010) which he confounded in 2000.

He leads the Critical Care Research Area within the Southampton NIHR Respiratory Biomedical Research Centre and is Head of the Integrative Physiology and Critical Illness Group at the University of Southampton. He also leads the Anaesthesia and Critical Care Research Unit within University Hospitals Southampton NHS Foundation Trust (UHS).

He was appointed Senior Lecturer in Critical Care Medicine within the Division of Medicine at UCL in 2005. In 2008 he moved to UHS as a Consultant in Critical Care Medicine. Mike was appointed Honorary Reader at the University of Southampton in 2010 and to the Chair of Anaesthesia and Critical Care Medicine in 2011. In 2011 he was also awarded the British Oxygen Company Chair of the Royal College of Anaesthetists. He has been elected as a Fellow of the Royal College of Physicians (FRCP, 2010) and a founding fellow of the Faculty of Intensive Care Medicine (FFICM, 2011).
**A/ Prof Carmel Hawley MBBS, M.MED SCI, FRACP**

Dr. Carmel Hawley is a full-time nephrologist at Princess Alexandra Hospital (PAH), Queensland. She is also currently the Assistant Director, of the Haemodialysis Service at PAH; Associate Professor, School of Medicine, University of Queensland; inaugural and current Chair of Operations Secretariat of the Australasian Kidney Trials Network.

Carmel has also been a Member of the CARI bone guidelines group; Member of Dialysis Nephrology Transplant Subcommittee of ANZSN; Subject Editor for Nephrology; Chair of the Clinical Practice Improvement Centre in Queensland (Renal Collaborative); Board Member of Kidney Health Australia; Treasurer of the ANZSN; Chair of the Specialist Advisory Committee (Nephrology); Member of the Inaugural Board of Australasian Clinical Trials Alliance; and Inaugural Chair of the Home Dialysis Advisory Committee.

Carmel holds a Masters degree in Biostatistics and has a strong track record in all forms of clinical research. In particular, she plays a key role in the design, conduct and statistical analyses of both clinical trials and complex observational studies conducted at PAH.

Associate Professor Hawley has published over 200 manuscripts of original research in peer-reviewed journals. She has authored numerous reviews and book chapters, mostly relating to dialysis.

**A/ Prof Peter Wood MBBS, MD, MRCP, FRACP, FRCPA**

Dr Wood graduated from Guys Hospital, London. His haematology training was mainly in Manchester, UK. He spent two years undertaking an MD thesis on multidrug resistance in acute myeloid leukaemia. He emigrated to Brisbane in 1995. Whilst working at the Prince Charles hospital, he developed an interest in thrombotic disorders and became involved in developing local and state guidelines for anticoagulant drugs.

He currently works as a senior staff haematologist at the Princess Alexandra hospital and as an Associate Professor in medicine at the University of Queensland. He continues his interest in developing guidelines in the area of thrombosis and acting in an advisory capacity to various pharmaceutical companies.

**Dr Martin Culwick MBBS, FANZCA**

Dr Martin Culwick is currently a Senior Specialist at the Royal Brisbane and Women’s hospital as well as the Medical Director of the Australian and New Zealand Tripartite Anaesthetic Data Committee. He has a longstanding interest in both anaesthesia and information systems. As well as his basic medical degree and FANZCA, he has also completed a Masters of Information Technology degree at Queensland University of Technology.
Dr Sean McManus  MBBS FANZCA FCICM MAICD

Dr McManus is a senior specialist in the Department of Anaesthesia, Perioperative Medicine and Intensive Care at the Cairns Hospital, Qld. His interests include patient safety, clinical leadership, developing world anaesthesia and perioperative medicine. He has been involved in the College as the 2009 ANZCA annual scientific meeting convenor, Queensland Regional Committee chair, Training Assessment Committee and international medical graduate specialist assessor. Sean McManus joined the ANZCA Council in 2014. Sean sees an important goal for ANZCA to develop and expand the roles of Fellows outside the operating theatre.

He has been the lead for ANZCA’s Perioperative Medicine project for the last two years and will outline the work the college has been doing and its vision for Perioperative medicine training in Australia and New Zealand.

Dr Melanie Tan  MBBS, BA (Law) FACEM

Dr Melanie Tan works at TEGO as a Chief Medico Legal Advisor where she crosses medical and legal disciplines, providing verbal and written legal advice to member doctors and their practices. Through experiences as a medical practitioner, solicitor, and claims assessor in insurance Melanie is able to meaningfully and comprehensively assess an adverse clinical event from its inception, and every aspect of the complaint/claim process right up to resolution. She has operated in the insurance industry (public and private sectors) for several years.

Through her experiences as clinician, solicitor and claims handler she understands an adverse clinical event from its inception, and every dimension of a claim to its resolution. As a medico-legal adviser she gained insight into how medical practitioners and practices perceive risk, and was able to identify gaps in knowledge and understanding - as well as issues trending in contemporary medical practice and needs of clinicians and patients.

In her range of experience she can identify the existing and emerging risk, system inadequacies or inefficiencies and how they interrelate, and to consider meaningful, practicable improvements to healthcare delivery through governance and risk management. As a doctor she also appreciate the multiple factors and competing tensions which not only contribute to adverse incidents, but ultimately impact on patient outcome and satisfaction.

She has a keen interest in providing peer support through education and drawing on her research, writing, presenting and media experience to pursue different modalities of teaching and information sharing.
WORKSHOP INFORMATION

Cardiac Arrest: ANZCA CPD Emergency Response Activity
Facilitators: Dr Francesca Rawlins, Dr Adrian Hall, Dr Phil Lee, Dr Kellie Bird, Dr Clinton Patricks, Dr Jonathan Samaan, Dr Peta Lorraway and Dr Monique Wells.
This hands-on workshop is aimed at refreshing the knowledge and application of the most recent Advanced Life Support (ALS) guidelines. This workshop has been designed to enhance performance in a crisis, and build confidence in the management of anaesthetic emergencies. Training will include the use of defibrillators, crisis resource management, and ALS scenarios relevant to anaesthetists and anaesthetic nurses.

Anaphylaxis: ANZCA CPD Emergency Response Activity
Facilitators: Dr Christian Van Nieuwenhuysen, Dr Tim Sampson and Dr Richard Scolaro.
This workshop will utilise case scenarios and interactive group discussion to explore issues in perioperative anaphylaxis. Areas covered will include presentation, triggers, acute crisis management, follow up and investigation of intraoperative anaphylaxis. The workshop will use the Australian and New Zealand Allergy Group (ANZAAG) anaphylaxis management guidelines as a basis for discussion of crisis management.

CICO (Can’t Intubate Can’t Oxygenate): ANZCA CPD Emergency Response Activity
Facilitators: Dr Jenny Greenwood, Dr Phil Lee, Dr Owen Bourne, Dr Francesca Rawlins, Dr Jonathan Samaan, Dr Wai Mee Foong, Dr Kellie Bird.
Anaesthetists are required to possess the knowledge, technical and non-technical skills to manage the rare and life threatening CICO situation. This workshop provides an educational session, hands-on and scenario based practice on infraglottic airway techniques to manage this crisis.

Major Haemorrhage: ANZCA CPD Emergency Response Activity
Facilitators: Dr Kristin Hielscher, Dr Fayavar Ajvadi.
Using a combination of facilitated discussions and simulations, participants will develop and practice the skills, knowledge and attitudes required to manage major haemorrhage and the complications that arise including cardiovascular instability and coagulopathy. This course promotes a team-based approach and anaesthesia. Anaesthetic assistants and nurses are encouraged to attend with their medical colleagues.
WORKSHOP INFORMATION

Point of Care Transthoracic Echocardiography

*Facilitators: Dr Kurichi Marudhachalam and Dr Sarvesh Natani.*

The last decade has witnessed the emerging role of an anaesthetist as a “perioperative physician”. Point of care transthoracic echocardiography (POC TTE) can be defined as a bedside investigation done and interpreted by a physician. Transthoracic echocardiography (TTE) has established its role for diagnosis and management in cardiology. Currently, the role of echocardiography has extended to other specialties including anaesthesia, critical care and emergency medicine and paramedical staff in the hospital and pre-hospital setting. However, TTE is not routinely practiced by anaesthetists in the perioperative period, including the pre admission clinic / outpatient clinic. POC TTE is a safe and cost effective tool for non-invasive examination of the real-time cardiac status, which can be repeated for its diagnostic and therapeutic responses as and when required. It can precisely answer some of the important clinical questions in the perioperative care of the patient.

In this workshop we will be presenting a brief introduction about knobology and basic transthoracic windows. This is followed by a hands-on workshop to obtain the images using the windows and assess the haemodynamic status of the patient.

Advanced Haemodynamic Monitoring Workshop and Cardiopulmonary Exercise Test (CPEX) Workshop

*Facilitators: Dr Pal Sivalingam, Dr Adrian Hall, Dr Rebekah Ferris.*

Haemodynamic monitoring and interventions to normalize haemodynamic parameters are one of the most important aspects of managing critically ill patients. This workshop is designed to teach all aspects of advanced haemodynamic monitoring and their relevance in clinical practice. Participants will learn about advanced haemodynamic monitoring and their relevance in clinical practice. Participants will learn about principles and practice of cardiovascular and haemodynamic assessment and management. The workshop will also provide an introduction to CPEX testing including indications for testing, advantages of CPEX, practical aspects of testing, measurements made, display and interpretation of data and use of CPEX in peri-operative risk stratification.