We are pleased to provide a series of masterclasses delivered by true experts in their field. These sessions will be interactive, dynamic and inspiring for delegates.

Masterclasses are open to all delegates registered to attend the 2017 ASM. Unless otherwise specified, masterclasses will be held on Friday May 12 at the Brisbane Convention & Exhibition Centre (BCEC).

- Delegates may register for more than one masterclass.
- Masterclass numbers are limited and places are allocated on a first-come-first-served basis.
- A ticket is required for entry to all masterclasses.
- Facilitators may contact participants directly in the lead up to the meeting to provide background or preparatory material.
- The cost per masterclass is $30. Prices are in Australian dollars including GST.

### Stream: Airway management

**A master's guide to videolaryngoscopy**

**Friday May 12**  
**M01A 9-10.30am**  
**Maximum capacity:** 30  
**Facilitators:** Professor André Van Zundert, Royal Brisbane and Women’s Hospital, Brisbane, Professor Carin Hagberg, the University of Texas Health Science Center at Houston, US, and Professor Ellen O’Sullivan, St James Hospital, Dublin

Hear from the masters in the field.

Professor André van Zundert:  
"Use of videolaryngoscopy for non-intubation airway management (supraglottic airway devices, nasogastric tubes, nerve integrity monitor tubes, temperature probes)."

Professor Carin Hagberg:  
"Uses of video laryngoscopy, including awake intubation and combination techniques."

Professor Ellen O’Sullivan:  
"Laryngoscopy and laryngoscopes – time to rethink the paradigm!"

### Difficult airway cases: “A think tank’s practical guide to difficult airway cases”

**Friday May 12**  
**M03A 3.30-5pm**  
**Maximum capacity:** 30  
**Facilitators:** Dr Peter Groom, Aintree University Hospital, Liverpool, Professor Ellen O’Sullivan, St James Hospital, Dublin, and Dr Chris Acott, Royal Adelaide Hospital

An interactive, stop-start discussion of a number of complex airway scenarios. This masterclass will include discussion on techniques such as the use of high-flow nasal oxygen, pre-induction of heliox, the place for spontaneously breathing inductions, and extubation exchange catheters. Decision making and team management will also be discussed.

*Can be logged under Practice Evaluation as “Case Discussion/conferencing” for two credits per hour.*

### Computed tomography (CT) interpretation: “Lightbulb moments in airway radiology”

**Friday May 12**  
**M04A 1.30-3pm**  
**Maximum capacity:** 30  
**Facilitators:** Dr Keith Greenland, Wesley Anaesthesia, and Dr Jenny Somerville, Radiologist, Royal Brisbane and Women’s Hospital

Learn about the basics of airway CT anatomy and put it to the test with a number of complex upper airway CT scans. Pathology to be covered will include dental abscesses, supraglottic tumours, thyroid masses and neck haematomas, as well as some less common conditions. All scans covered will be given context describing the actual clinical presentation of the case.

*Can be logged under Practice Evaluation as “Case Discussion/conferencing” for two credits per hour.*
Adult ear, nose and throat (ENT): “Big thyroids and tight tracheas”

Friday May 12  M05A 11am-12.30pm
Maximum capacity: 30
Facilitators: Dr Anton Booth, Princess Alexandra Hospital, Brisbane, Professor Carin Hagberg, the University of Texas Health Science Center at Houston, US, Dr Phil Lee, Princess Alexandra Hospital, Brisbane, Dr Scott Coman, ENT Surgeon, Princess Alexandra Hospital, Brisbane.

Management of patients with airway obstruction from large goiters or tracheal stenosis is challenging and controversial. This masterclass will explore the management of thyroid surgery (including massive retrosternal goitre) and laryngotracheal stenosis (including assessment, surgical considerations and tubeless anaesthesia).

Stream: Thoracic and cardiac

Cardiology investigations/imaging: “Middle aged, obese and short of breath...”

Sunday May 14  M06A 3.30-5pm
Maximum capacity: 30
Facilitators: Dr Rae Duffy, Princess Alexandra Hospital and Wickham Terrace Anaesthesia Brisbane, Dr Johanne Neill, Ipswich General Hospital, Ipswich, and Associate Professor Louise Cullen (ED), Royal Brisbane and Women’s Hospital Brisbane

Join us on our investigative journey from accident and emergency to the operating theatre. This session will showcase the spectrum, including the relevance and pitfalls of cardiac investigations, and imaging in the larger patient.

Management of electrophysiology procedures

Sunday May 14  M07A 1.30-3pm
Maximum capacity: 50
Facilitators: Dr Sarah Earnshaw, Princess Alexandra Hospital, Brisbane, and Dr John Hayes, Queensland Cardiovascular Group, St Andrews War Memorial Hospital, Brisbane

The masterclass will cover the interventional and anaesthetic management of a variety of electrophysiological cardiac procedures. Dr John Hayes is a cardiac electrophysiologist and has extensive experiences in the management of these cases.

Perioperative management of TAVI/TAVR

Saturday May 13  M08A 3.30-5pm
Maximum capacity: 30
Facilitators: Dr Sarvesh Natani, Dr Karl Poon and Dr Andrew Clarke, Prince Charles Hospital, Brisbane

The learner will be able to understand the challenges in transcatheter aortic valve implantation (TAVI) and transcatheter aortic valve replacement (TAVR), and how to deal with these difficult high risk procedures.

The cardiac patient for non-cardiac surgery

Friday May 12  M09A 3.30-5pm
Maximum capacity: 30
Facilitator: Dr Kris Skeggs, Princess Alexandra Hospital, Brisbane

The masterclass will focus on working up and anaesthetising patients with cardiac pathology for non-cardiac surgery.

Adult congenital heart disease and pulmonary hypertension

Friday May 12  M10A 1.30-3pm
Maximum capacity: 30
Facilitator: Dr Kris Skeggs, Princess Alexandra Hospital, Brisbane

Major pathophysiology subjects covered will include ischaemic heart disease, valvular heart disease, heart failure, and the cardiomyopathies – adult congenital heart disease and pulmonary hypertension.

Stream: Regional anaesthesia

Regional anaesthesia for shoulder arthroscopy

Sunday May 14  M11A 10.30am-noon
Maximum capacity: 30
Facilitators: Dr Alwin Chuan, Liverpool Hospital, Sydney and Dr Darcy Price, North Shore Hospital, Auckland.

This is a large, group session where an expert panel will share pearls of wisdom, discussing the intricacies and pitfalls of providing regional anaesthesia for shoulder arthroplasty and surgery. The audience will be encouraged to participate in the discussion with stories of their own experiences. A model and ultrasound will also be available to demonstrate relevant sonoanatomy. The discussion will focus on the benefits of continuous techniques, minimising motor block, and how to manage block regression.
**Masterclasses continued**

**Regional anaesthesia for knee arthroscopy**

**Monday May 15**  
M12A 1.30-3pm  
Maximum capacity: 30  
Facilitators: Dr Phillip Cowlishaw, Mater Adult Hospital, Brisbane and Dr Neil MacLennan, Auckland City Hospital, Auckland  
This is a large, group session where an expert panel will share pearls of wisdom, discussing the intricacies and pitfalls of providing regional anaesthesia for knee arthroplasty and surgery. The audience will be encouraged to participate in the discussion with stories of their own experiences. A model and ultrasound will also be available to demonstrate relevant sonoanatomy. The discussion will focus on how to achieve a non-narcotised, comfortable walking patient after a total knee replacement.

**Regional anaesthesia for laparotomy**

**Tuesday May 16**  
M13A 10.30am-noon  
Maximum capacity: 30  
Facilitators: Dr Peter Harms, Mater Mothers’ Hospital, Brisbane and Dr Peter Hebbard, Northeast Health Wangaratta, Wangaratta  
This is a large group session where an expert panel will share pearls of wisdom, discussing the intricacies and pitfalls of providing regional anaesthesia for laparotomy surgery. The audience will be encouraged to participate in the discussion with stories of their own experiences. A model and ultrasound will also be available to demonstrate relevant sonoanatomy. The discussion will focus on the benefits and drawbacks of continuous rectus sheath, wound, and transversus abdominis blocks when compared with more traditional central neuro-axial techniques.

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**Stream: Perioperative medicine**

**Advance care planning for high risk surgery**

**Friday May 12**  
M14A 9-10.30am  
Maximum capacity: 30  
Facilitators: Dr Siva Senthuran, Dr Grant Turner and Dr Michael Cokeron, Townsville Hospital, Townsville  
This masterclass will discuss a structured, perioperative decision-making process to facilitate dealing with tough decisions in a multi-disciplinary way for select high risk patients.

**Perioperative medicine – anti-haemostatic drugs, geriatric cardiology, fasting and more**

**Friday May 12**  
M15A 11am-12.30pm  
Maximum capacity: 30  
Facilitators: Dr Jeremy Fernando, Rockhampton Hospital, Rockhampton, Dr Aisling Fleury, Consultant Physician and Geriatrician, Brisbane, and Dr Peter Roessler, Director of Professional Affairs, ANZCA, Melbourne  
Part I will be a practical, interactive opportunity to enjoy updates in antihaemostatic drugs and geriatric cardiology in a small group setting. Part II will be an interactive lecture which will give an overview of where perioperative medicine is heading in Australasia.

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**Patient blood management**

**Friday May 12**  
M16A 1.30-3pm  
Maximum capacity: 40  
Facilitators: Dr Michelle Roets, Royal Brisbane and Women’s Hospital, Brisbane and Associate Professor Bernd Froessler, Lyell McEwin Hospital, Adelaide  
The learner will be able to discuss aspects associated with intraoperative cell salvage and perioperative iron transfusion in their hospital, particular to their case load and patient profile. The implementation, cost implications, indications, management, education, adverse event management, and governance process applicable to their particular hospital, indicated as alternatives to allogeneic blood transfusion, will be discussed.

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**Stream: Education**

**25 years of ANZCA history**

**Friday May 12**  
M17A 3.30-4.30pm  
Maximum capacity: 30  
Facilitators: Dr Christine Ball, The Alfred Hospital, Melbourne and Ms Monica Cronin, ANZCA, Melbourne  
Building the Lives of the Fellows, is a workshop designed to explore ways of researching the individual lives of significant ANZCA Fellows using a variety of resources, enabling participants to directly contribute to the online exhibition and enhance their research skills. Resources discussed will include the College archives, museum and library, and external resources such as Trove and state or nationally based archives (the Public Records Office Victoria, the National Archives Australia, and the State Library New South Wales, for example).

Delegates please bring your laptop to this workshop.
Transcending training turbulence
Friday May 12  M18A 3.30-5pm
Maximum capacity: 30
Facilitator: Dr Katherine Hames, Royal Brisbane and Women's Hospital, Brisbane
This interactive masterclass is directed at newer supervisors of training (SOT) who are looking for advice and approaches to dealing with some of the bigger training issues they have encountered including:
• Trainee with difficulty passing exams.
• Performance issues at different stages of training.
• The trainee who lacks insight.
• Trainees with attitude issues.
• The trainee who leaves everything to the last minute.

Stream: Communication, safety, legal, research

Researching teamwork in natural settings: key challenges and methodological solutions
Friday May 12  M19A 11am-12.30pm
Maximum capacity: 30
Facilitator: Professor Lorelei Lingard, Schulich School of Medicine & Dentistry at Western University, London, Ontario, Canada
This masterclass is intended for participants already engaged in the study of teamwork, and those interested in developing research in this domain. We will discuss some of the challenges of teamwork research and consider some established and more cutting edge methodological strategies to address them. Qualitative, naturalistic research will be emphasised.

Working outside your comfort zone
Friday May 12  M20A 3.30-5pm
Maximum capacity: 50
Facilitators: Dr Jenny Stedmon, Redland Hospital, Brisbane, Dr Helmut Schoegen and Dr Luke Heywood, Royal Brisbane and Women’s Hospital, Brisbane
There will be some illustrated tales from the field given by our team, who have had differing experiences in terms of countries (West Africa, Yemen, Fiji), aid organisations (Red Cross, MSF, ASA) and medical needs (infectious disease, war surgery, lack of access to healthcare). We will review the pre-deployment requirements and application processes for different organisations.

Social media and medical practice: “No longer an optional extra”
Friday May 12  M21A 1.30-3pm
Maximum capacity: 30
Facilitators: Dr Jennifer Jones, Clinical Ethics Coordinator, Metro South Clinical Ethics Service, Brisbane and Professor Eleanor Milligan, Lead Academic, Ethics, Law and Professional Practice Stream, School of Medicine, Griffith University, and member Medical Board of Queensland, Brisbane
The immediate gratification of posting thoughts on social media can blur personal and professional boundaries and sometimes lead us to act before we consider the full ethical ramifications of posting on social media sites. This workshop explores the benefits, challenges and practicalities of getting the best out of social media – which is no longer an “optional extra” – while maintaining appropriate professional boundaries.

From conception to completion: life cycle of a research project
Friday May 12  M22A 11am-12.30pm
Maximum capacity: 30
Facilitators: Ms Sonia Hancock, Research Governance Manager, Brisbane and Ms Rebecca Lacey, Human Research Ethics Committee (HRECs) Coordinator, Brisbane
Let us take you on the journey of a research project that has gone through the various stages of ethical review and has blossomed into a phase-one clinical trial. Ethical considerations and research governance considerations, including contractual requirements, intellectual property considerations and funding arrangements, will be explored.

WebAIRS – how to set up
Monday May 15  M23A 1.30-3pm
Maximum capacity: 18
Facilitators: Dr Martin Culwick, Associate Professor Kersi Taraporewalla and Dr Michael Boules, Royal Brisbane and Women’s Hospital, Brisbane
This masterclass will utilise de-identified case scenarios reported to webAIRS, which the delegates will analyse with assistance from the facilitators. Participants in the ANZCA CPD Program may claim this masterclass in the practice evaluation category under case discussions or incident reporting.

High level interoperability and clinical informatics in anaesthesia
Friday May 12  M24A 3.30-5pm
Maximum capacity: 30
Facilitators: Dr Nicholas Heard, Princess Alexandra Hospital and Mr Glen Higginbotham, Principal Business Analyst, Clinical Informatics, Metro South
The learner will be able to discuss clinical informatics as it relates to audit, reporting and big data. The history of clinical informatics and data precedents set around the world will be featured, as will the process of data validation and the application of business intelligence techniques to anaesthetics.
Masterclasses continued

Walking through a (medicolegal) minefield

Friday May 12  M25A 9-10.30am
Maximum capacity: 50
Facilitator: Dr David Daly, The Alfred Hospital, Melbourne

- What do lawyers and insurers want?
- The mentality of insurance companies.
- Reports provided over the last 10 years.
- Epidurals and anticoagulants – uncomfortable bedfellows.
- Nothing is better than a narcotised patient in the post anaesthesia care unit.
- He, who fights and runs away, may live to fight another day.
- Why the neurologist can only help you.
- Seeking legal advice – rule one: the hospital interests are unlikely to be in keeping with your interests.
- The medical record is the place where facts are recorded.

The art of critical incident analysis

Friday May 12  M26A 9-10.30am
Maximum capacity: 30
Facilitators: Dr Anthony Hade and Dr Michael Boules, Royal Brisbane and Women’s Hospital, Brisbane, and Dr Clinton Patricks, Princess Alexandra Hospital, Brisbane

This session will focus on how to set up a system for critical incident analysis at your institution which can deliver tangible results that improve patient care. The facilitators will provide examples from their own departments to illustrate the reasons why some innovations prove very successful and why other ideas fail to have much impact.

TAD talks: Talking Anaesthesia, with a Difference

Friday May 12  M27A 1.30-3pm
Maximum capacity: 50
Facilitators: Dr Kate McCrossin and Dr Libby McLellan, Royal Brisbane and Women’s Hospital, Brisbane

“Thinking big” in bite-sized pieces; the learner will hear six 10-minute talks from engaging speakers in a “TED-like” forum, with the ability to ask questions and prompt debate. This is a completely new concept for the ANZCA ASM and we are aiming for an entertaining and stimulating session.

Taking care of our own

Friday May 12  M28A 1.30-3pm
Maximum capacity: 30
Facilitator: Associate Professor Stephen Gatt, Prince of Wales and Sydney Children’s Hospitals, Sydney

Taking care of the second victim – managing the aftermath of major anaesthesia misadventure.

Stream: Pain medicine

Paediatric pain

Saturday May 13  M29A 1.30-3pm
Maximum capacity: 50
Facilitators: Dr Suellen Walker, UCL Institute of Child Health and Great Ormond St Hospital, London, Dr Christopher Eccleston, Centre for Pain Research, University of Bath, and Dr Kathleen Cooke, St Vincent’s Hospital, Brisbane

Paediatric pain professionals discuss the practical aspects of pain management in paediatrics, from neonates to young adults. Useful pearls of knowledge and advice shared through case discussion.

“Depression” pain, and its management

Sunday May 14  M30A 1.30-3pm
Maximum capacity: 18
Facilitators: Professor Roland Sussex, School of Languages and Cultures, University of Queensland, Brisbane, Dr Graham Rice, Watkins Medical Centre, Brisbane, and Dr Frank New, Royal Brisbane and Women’s Hospital, Brisbane

This session will consider the many manifestations of distress associated with persistent pain, the means by which these are communicated, and the management relevant to each of the contributing factors.

Work cover – medical report writing and assessment

Sunday May 14  M31A 3.30-5pm
Maximum capacity: 20
Facilitator: Dr Marc Walden, Greenslopes Medicolegal, Brisbane

Writing a medicolegal report need not be viewed as being difficult, or cause apprehension. This masterclass will explain the legal basis of how to prepare a report admissible as evidence in Australian courts and the statutes that apply to medicolegal report provision.
Stream: Bariatric

**Anaesthesia for the supersized patient**

Saturday May 13  M32A 1.30-3pm

**Maximum capacity:** 30

**Facilitators:** Dr Rajesh Brijball, Royal Brisbane and Women’s Hospital, Brisbane and Dr George Hopkins, Holy Spirit Northside Private Hospital, Brisbane

This bariatric masterclass will provide a holistic approach for a patient booked for bariatric surgery. It involves key principles of patient selection, pre-operative work-up, anaesthesia, surgery and the post-operative management of the patient. The team involves the surgeon, anaesthetist, physician, psychologist, dietician and exercise physiologist. Our aim is to demonstrate how the team approach is fundamental to the successful outcome of these patients.

**Masterclass for obstetric anaesthetists**

Friday May 12  M33A 3.30-5pm

**Maximum capacity:** 30

**Facilitators:** Dr Victoria Eley and Dr William Parsonage, Royal Brisbane and Women’s Hospital, Brisbane, and Dr Sarah Janssens, Mater Mothers Hospital, Brisbane

This interactive session will allow plenty of time for participants to question the presenters and relate the content presented, to their own practice environment.

“Not quite as we planned – managing obesity in maternity care”, Dr Victoria Eley

“Cardiac disease in pregnancy – lessons from an international registry”, Dr William Parsonage

“Using simulation to improve interdisciplinary understanding in obstetric care”, Dr Sarah Janssens

Stream: Paediatric

**Paediatrics questions and answers**

Friday May 12  M34A 9-10.30am

**Maximum capacity:** 30

**Facilitator:** Dr David Linscott, Christchurch Hospital, Christchurch

An opportunity to review case vignettes and ask questions of a paediatric anaesthetic.

**Paediatrics PBL: how to prevent perioperative anxiety – tips and tricks**

Friday May 12  M35A 11am-12.30pm

**Maximum capacity:** 30

**Facilitator:** Dr Fiona MacFarlane, Lady Cilento Children’s Hospital, Brisbane

When anaesthesia is so safe, it is the psychological safety of our patients that we must now focus on. This is an opportunity to discuss methods and learn strategies to minimise anxiety in our paediatric patients with a group of expert paediatric anaesthetists.

Stream: Trauma

**Trauma radiology for anaesthetists**

Friday May 12  M36A 9-10.30am

**Maximum capacity:** 50

**Facilitator:** Dr Craig Hacking, Royal Brisbane and Women’s Hospital, Brisbane

Integrating live reads, quizzes and live, online polling, the radiological findings of trauma cases of relevance to anaesthetists and intensivists will be presented. Participants will receive an online playlist of Radiopaedia.org trauma cases to peruse two weeks before the workshop. Dr Craig Hacking is a radiologist and a specialist in the field of radiology.

Stream: Green – environmental

**Talking TIVA**

Friday May 12  M37A 9am-noon

**Maximum capacity:** 30

**Facilitator:** Professor Michael G Irwin, Department of Anaesthesiology, University of Hong Kong, Queen Mary Hospital and HKU Shenzhen Hospital, China

**Target audience:**
• From novices, to occasional total intravenous anaesthesia (TIVA) practitioners (less than 20% of cases are TIVA based).

**Objectives:**
• Acquire the minimum baseline theoretical and practical knowledge to safely conduct propofol based TIVA using TCI in elective surgical patients.
• Understand appropriate use of opioid analgesic infusions (with a focus on remifentanil with TCI and manual techniques) and adjuvant drugs.
• Recognise common misconceptions and pitfalls in TIVA use.
Learning outcomes – by the end of this course the participant is expected to:
• Define TIVA and TCI.
• Discuss the advantages and limitations of using depth of anaesthesia monitoring (BIS, SedLine) in TIVA.
• Define clinical endpoints for hypnosis and analgesia when using TIVA.
• Explain the concept of pharmacokinetic modelling and why it is used in TCI systems.
• Define the concept of time to peak effect.
• Discuss the clinical relevance of plasma versus effect site targeting.
• Outline the major clinical differences between the Marsh and Schnider models.
• Understand the interaction between propofol and remifentanil and how to use them together.
• Safely set up a TCI delivery system.
• Describe the safety features to look for when purchasing a new or using an unfamiliar syringe pump.
• Troubleshoot common problems with pump alarms.
• Understand the common pitfalls/problems that can occur in the delivery of TIVA.

How green is your operating theatre?

Friday May 12  
M38A 1.30-2.30pm  
Maximum capacity: 20
Facilitators: Dr Stephen Fung, Princess Alexandra Hospital, Brisbane and Dr Forbes McGain, the Western Hospital, Melbourne

We aim to introduce participants to some of the concepts of environmental science, and the impact of current anaesthetic practice on the environment. We will also introduce some methods of minimising the environmental cost of both anaesthetic and general medical practice within the operating environment.

Stream: Safety and quality

Where art meets science: extubation techniques – making the unpredictable predictable

Tuesday May 16  
M39A 8.30-10am
Maximum capacity: 18
Facilitator: Dr Grant Brace, Board of Management of Windsor Private Hospital, Melbourne

Exubation, like a pilot landing an aircraft, must be planned. Extubation of some intubated patients can be very demanding; poor extubation may not only lead to discomfort for the patient but on some occasions can lead to life threatening complications such as severe hypoxia, negative pulmonary oedema, and neck haematoma following procedures of the head and neck.

Morbid obesity, an irritable airway of any origin, and problematic intubations are often associated with difficulties. With the advent of laryngeal masks fewer patients are being intubated, so some deskliling may occur. To achieve some predictability with extubation a knowledge of pharmacology and timing is required, but always tailored to individual patient circumstances.

This masterclass will discuss common strategies in a range of clinical scenarios, and rescue techniques when things don’t go to plan.
Attendees are encouraged to bring their own difficult cases for group discussion.

Reducing risk in our patients: what do you do?

Tuesday May 16  
M40A 10.30am-noon
Maximum capacity: 18
Facilitator: Dr Grant Brace, Board of Management of Windsor Private Hospital, Melbourne

With the Western world currently experiencing a comorbidity epidemic there is an increasing number of higher risk patients presenting for surgery in all settings. This masterclass will look at ways of quantifying risk, and aspects of perioperative medicine, which we can engage with to achieve physiological optimisation before surgery, reduce difficult last minute decisions and ultimately achieve better outcomes. Some emphasis will be given to issues confronting private practitioners.

Lessons learned will be illustrated with coroner’s reports and a series of difficult cases.
Attendees are encouraged to bring their own difficult cases for group discussion.

Thank you!

In lieu of gifts and on behalf of all ASM speakers, presenters, facilitators and contributors a $A10,000 donation has been made to Lifebox Australia and New Zealand.