

CURRICULUM VITAE

DR. JONATHAN JAMES GATWARD

BSc MBChB FRCA DICM FCICM CERT ED FHEA

PERSONAL DETAILS

Name	Dr. Jonathan James Gatward		
Email	jonathan.gatward@sydney.edu.au		
Nationalities	British and Australian		
AHPRA	MED0001632909	GMC (UK)	4426037

CAREER STATEMENT

I gained dual accreditation in Anaesthesia and Intensive Care Medicine in the UK in 2010 before coming to Australia. I completed over two years of further supervised training, gained Fellowship of the College of Intensive Care Medicine in 2011 and became a Staff Specialist in 2013.

I have special interests in medical education and simulation. I am a Clinical Senior Lecturer at the University of Sydney, have a postgraduate Certificate in Medical Education and extensive teaching and simulation experience. I have set up 'in-situ' simulation training programs in four ICUs in the UK and Australia, including Royal North Shore and North Shore Private Hospitals, and have given several talks on simulation at international conferences. I coordinate the ICU teaching program at Royal North Shore Hospital and founded the RNSH ICU and Simulation Fellowship, for which I am supervisor of training.

I am interested in quality and safety in healthcare. I sat on the Clinical Council at the Clinical Excellence Commission from 2011 to 2014 and am now part of the Intensive Care New South Wales Clinical Best Practice Working Group at the Agency for Clinical Innovation. I led a quality improvement project at RNSH ICU which won national, state and district awards in 2019/20. I am also the medical lead for the RNSH Tracheostomy Team which won a Northern Sydney LHD 2017 Exceptional People Award.

I am the lead Organ Donation Specialist (Medical) at Royal North Shore Hospital, a member of the Organ and Tissue Authority Family Conversation Steering Group and one of ten lead trainers for the national Core Family Donation Conversation Workshop.

I have a keen interest in airway management. I am the ANZCA Airway co-lead at RNSH, co-chair of the RNSH Airway Safety Group, and direct a highly successful airway course. I am also the immediate past President (and now a Director) of the Safe Airway Society of Australia and New Zealand, a not-for-profit organisation which aims to optimise the provision of safe, effective patient care through a collaborative approach across professions.

EDUCATION AND QUALIFICATIONS

- 1996 BSc Psychology (1st Class), University of Liverpool, UK
- 1997 MBChB, University of Liverpool, UK
- 2006 Fellow of the Royal College of Anaesthetists, UK
- 2009 Diploma in Intensive Care Medicine, UK.
- 2010 Completion of Specialist Training in Anaesthesia and Intensive Care Medicine, GMC, UK
- 2011 Certificate in Medical Education, University of Bristol, UK**
- 2011 Fellow of the Higher Education Academy, UK**
- 2011 Fellow of the College of Intensive Care Medicine of Australia and New Zealand
- 2011 Specialist in Intensive Care Medicine, Medical Board of Australia and Australian Medical Council

CERTIFICATES

- 2003 Advanced Life Support Instructor
- 2007 Advanced Paediatric Life Support Instructor
- 2007 Advanced Trauma Life Support Provider

PRIZES AND AWARDS

- 2020 New South Wales Health Awards – Patient Safety First
- 2020 NSLHD Quality and Improvement Award
- 2019 Australian Healthcare Standards Quality Improvement Award (Healthcare Measurement)
- 2017 Exceptional People Awards: Evidence Based Decision Making, RNSH Tracheostomy Team
- 2015 Northern Clinical School Stage 2 Clinical Teaching Award
- 2009 Outstanding Achievement in Innovation and Teaching, Bristol School of Anaesthesia

NON-CLINICAL APPOINTMENTS

- 2018-23 Board Member (Past President), Safe Airway Society of Australia and New Zealand
- 2011-14 Clinical Council, Clinical Excellence Commission
- 2013- Clinical Senior Lecturer, Sydney Medical School, University of Sydney
- 2013- Performance Working Group, Intensive Care NSW, Agency for Clinical Innovation
- 2013- Donation Specialist Medical (Lead DSM at RNSH since 2018)
- 2015- Medical Lead, RNSH Tracheostomy Team, Royal North Shore Hospital
- 2018-21 Lead Trainer, Core Family Donation Conversation Workshop, Organ and Tissue Authority

CAREER HISTORY

CURRENT APPOINTMENTS

Feb 2014 to present **Senior Staff Specialist in Intensive Care Medicine**
Lead Donation Specialist Medical
Royal North Shore Hospital, Sydney
Specialist VMO in Intensive Care Medicine
North Shore Private Hospital, Sydney

PREVIOUS APPOINTMENTS

Feb 2013 – Feb 2014 **Staff Specialist in Intensive Care Medicine**
Lead Donation Specialist Medical
Royal Prince Alfred Hospital, Sydney

March 2013 – Feb 2014 **Specialist VMO in Intensive Care Medicine**
Royal North Shore, Manly, Mona Vale and The Mater Hospitals

Jan 2012 - Jan 2013 **Fellow in Intensive Care Medicine**
Royal Prince Alfred Hospital, Sydney

July 2011 – Jan 2012 **Advanced Trainee in Intensive Care Medicine**
Royal Prince Alfred Hospital, Sydney

July 2010 – July 2011 **Senior Registrar in Intensive Care Medicine**
Royal North Shore Hospital, Sydney

Dec 2004 – May 2010 **Specialist Registrar in Anaesthesia, Intensive Care Medicine and Pain Management including Advanced Training in Intensive Care Medicine**
Bristol Royal Infirmary, Frenchay Hospital, Gloucester Royal Hospital, Bristol Children's Hospital, Queen Elizabeth Hospital (Birmingham), Royal United Hospital (Bath)

July 2008 – Jan 2009 **Provisional Fellow in Anaesthesia**
St. George Hospital, Sydney

Oct 2007 – July 2008 **Registrar in Retrieval Medicine**
New South Wales Ambulance Medical Retrieval Service

Oct 2004 – Nov 2004 **Clinical Fellow in Anaesthesia**
Bristol Royal Infirmary

Jan 2004 – Aug 2004 **Registrar in Neonatal Intensive Care**
Christchurch Women's Hospital, New Zealand

Sept 2001 - Aug 2003 **Senior House Officer in Anaesthesia and Intensive Care Medicine**
St. Bartholomew's, The Royal London and Homerton Hospitals, London

Aug 1999 – Aug 2000 **Registrar in Emergency, Intensive Care and General Medicine**
Manly Hospital, New South Wales

Aug 1998 – Aug 1999 **Senior House Officer in General and Emergency Medicine**
Whiston Hospital, Merseyside

Aug 1997- Aug 1998 **Pre - Registration House Officer in Medicine and Surgery**
Whiston Hospital, Merseyside

CLINICAL EXPERIENCE

INTENSIVE CARE MEDICINE

I have extensive experience in the management of critically ill patients, leadership, and supervision.

- I believe my clinical practice is of a high standard and based on the best available evidence. I know when to seek advice and I have received excellent feedback at all career appraisals to date.
- I have extensive experience with sub-speciality Intensive Care Medicine and feel comfortable dealing with neurosurgical, cardiac surgical, liver and paediatric patients.
- I am comfortable leading ward rounds and coordinating an interdisciplinary team. I have developed excellent skills in remote supervision, communicating in teams, prioritisation and resource allocation. I enjoy very good working relationships with colleagues of all disciplines and specialities.
- I am proficient in practical procedures including percutaneous tracheostomy, fibre-optic intubation and bronchoscopy. I have extensive experience with patients on extra-corporeal support, and special interests in airway management and renal replacement therapy.
- I strive for the provision of safe, high-quality care by encouraging efficient teamwork and embracing quality improvement projects and risk management strategies.
- I am the lead Donation Specialist Medical at Royal North Shore Hospital and play an active role in Organ and Tissue Authority activities.
- I am the medical lead for the RNSH Tracheostomy Team, coordinate ICU medical education and simulation training, and have acted as Incident Information Management System (IIMS) Manager.
- I am committed to my continuing self-education and development. I easily fulfil the CICM Continuing Professional Development requirements each year.

ANAESTHESIA

I have completed Specialist training in Anaesthesia, have 3400 cases in my logbook, and am competent in the provision of anaesthesia for adults and children, in all sub-specialities:

- General and regional anaesthesia for major abdominal, obstetric, vascular, cardiac and thoracic surgery, including the use of double-lumen tracheal tubes and jet ventilation.
- ENT, maxillofacial and head and neck surgery, with expertise in difficult airway management including fibre-optic intubation.
- Neurosurgery and trauma surgery including patients with multiple injuries both pre-hospital and in the operating theatre.
- Comprehensive training in acute and chronic pain management including plexus and nerve blocks.
- Primary rescue and retrieval experience including helicopter winch rescues.

GENERAL AND EMERGENCY MEDICINE

- I have broad experience in Acute and Emergency Medicine from the UK and Australia where I learnt how to recognise and treat sick patients and how chronic disease can impact on our practice in critical care.
- I have completed three-month attachments in Cardiology, Gastroenterology, Rheumatology and Neurology, and have 7 months experience in Emergency Medicine.

TEACHING

QUALIFICATIONS:

Certificate in Medical Education: Bristol University (2011)

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| • Module 101: Teaching in the Health Professions | passed with distinction (74%) |
| • Module 102: Assessment and Evaluation | passed with distinction (78%) |
| • Module 103: Learning in the Health Professions | passed with distinction (73%) |
| • Module 104: Course Design | passed with distinction (91%) |
| • Module 105: Reflections on Teacher Development | passed with distinction (86%) |

Fellow of the Higher Education Academy (UK, 2011)

Centre for Medical Simulation (Harvard) Instructor Course (2013) and Advanced Debriefing Course (2016)

Generic Instructor Course for Advanced Life Support and Advanced Paediatric Life Support (2003)

COURSE DESIGN AND ORGANISATION

Sydney Short Course in Intensive Care Medicine

- I am co-director of this annual preparation course for the Fellowship of the College of Intensive Care Medicine Second Part examination. The course receives excellent feedback.

Critical Care Airway Management Course

- I designed this two-day airway management course for critical care trainees. The course involves interactive discussions, skill stations and simulated scenarios and is accompanied by an open-access website containing pre-reading and instructional videos – see www.ccam.net.au. The course has been approved by CICM, ANZCA, ACEM and ACRRM, and receives universally excellent feedback.

In-Situ Simulation Training

- I have set up four in-situ simulation training programs, most recently at RNSH ICU. Doctors and nurses act in their normal roles, in the ward environment, using usual ward equipment. Because of this, scores for realism are high and the sessions are universally popular.
- I have been invited to speak about simulation at several international conferences and co-convened workshops for simulation trainers at the annual Social Media and Critical Care (SMACC) Conference.
- A presentation about the Bristol simulation program won first prize at the 2010 Association for Simulated Practice in Healthcare Conference.
- I have also organised and conducted simulation sessions for large numbers of delegates at the Bedside Critical Care Conference (2012 and 2013) and the SMACC Conference (2013 - 2017).

Core Family Donation Conversation Workshop

I am one of six lead trainers for this 2-day Organ and Tissue Donation Service workshop covering end-of-life and family donation discussions.

Designated Requestor Simulation Training Programme, NSW Organ and Tissue Donation Service

- I was the medical lead and joint course designer of this one-day training course for Designated Requestors. Over 100 Designated Requestors completed the training, giving excellent feedback.

Tracheostomy Study Day

- We have developed a highly popular, inter-professional study day as part of the RNSH Tracheostomy Team, aimed at staff from all disciplines caring for patients with tracheostomy and laryngectomy. It runs three times a year.

Difficult Airway Rescue Techniques (DART)

- I was involved in the design and development of this highly successful course, which covers skills outlined in the Difficult Airway Society (DAS) guidelines. The course has been running at several centres in the UK since 2006 and has been endorsed by DAS as a 'flagship' course.

Human Factors Airway Training (HAT) Course

- I designed this course for anaesthetic trainees and nurses as part of the Certificate in Medical Education. It is an extension of the DART course, allowing candidates to put difficult airway rescue techniques to the test in simulated scenarios with a strong emphasis on human factors.

OTHER TEACHING EXPERIENCE

- Medical student teaching – Stage 2 Clinical 2014-2016
- ATTAAC Airway Management Course, Sydney since 2017
- Practical Emergency Airway Management Course (Sydney and Yellowstone courses) since 2014
- College of Intensive Care Medicine Communications Course: 2014
- Awake Fibre-optic Course: 2008
- Advanced Life Support: Instructor since 2003
- Advanced Paediatric Life Support: Instructor since 2007
- BASIC Course: Instructor since 2011
- DETECT Course: Instructor since 2010
- RPA Acute Medicine Course: Faculty 2012
- New-2-ICU Course (UK): Faculty 2010
- Novice Anaesthesia Course (UK): Faculty 2010
- ALERT Course (UK): Faculty 2004-5

INFORMATION TECHNOLOGY SKILLS

- I am skilled in website design, having created or co-created several websites. See safeairwaysociety.org, ccam.net.au, mobilesim.wordpress.com, rnshicu.org, sscicm.com.
- I am skilled with the use of simulation equipment and software, both low and high fidelity, and the audio-visual equipment required for video debriefing.
- I am proficient in word processing, the use of databases including Microsoft Excel and presentation software including Microsoft PowerPoint and Prezi.

QUALITY, MANAGEMENT AND LEADERSHIP EXPERIENCE

Safe Airway Society – President (2019 - 2023), Director (2023-present)

- I am the immediate past President (now Board member) of this Australasian interprofessional airway society which aims to establish a unified approach to safe airway management through collaboration, education and the promotion of human factors training.

ANZCA Airway Co-Lead, Royal North Shore Hospital (2021-present)

- I was the first non-anaesthetist in Australia and New Zealand to be elected to this leadership role.

Royal North Shore Hospital Tracheostomy Team (2015-present)

- I am the medical lead and co-founder of this inter-professional team which oversees care of all patients in the hospital with a tracheostomy or laryngectomy, undertakes education and quality improvement projects and aims to improve and streamline care in this vulnerable patient group.

Intensive Care New South Wales Performance Working Group (2013-present)

- I am a member of this working group at the Agency for Clinical Innovation. In 2019 we completed a quality improvement project aimed at reducing the number of blood tests in the ICU, which at RNSH ICU, has resulted in estimated cost savings of \$770,000 per annum and for which we received the Australian Healthcare Standards Quality Improvement Award, the New South Wales Health Patient Safety First Award and a NSLHD Quality Improvement Award.

Clinical Council member, New South Wales Clinical Excellence Commission (2011 to 2014)

- This advisory appointment gave me valuable insight into the projects being undertaken by the Commission and how the organisation fits into the overall New South Wales Health Patient Safety and Clinical Quality Program. I provided advice on a range of CEC initiatives.

Quality and IIMS Manager, Royal Prince Alfred Hospital Intensive Care Service (2012)

- I gained valuable experience with medical IIMS investigation and reporting, the implementation of strategies to prevent incident recurrence including staff counselling and education, and risk management strategies.

The Severn Deanery Airway Training Programme (UK)

- I was a founder member of the Severn Airway Training Society. We set up three airway courses, established dedicated airway training operating lists and created airway skills laboratories across the Severn region.

MANAGEMENT THEORY COURSES

- The Consultant Intensivist Transition Course (2011)
- Career management, Managing Change (2009)
- Communication skills, Leading teams, Patient safety, Clinical governance and risk management, Understanding the health and social care economy (2007)

PUBLICATIONS AND RESEARCH

PEER-REVIEWED FULL PUBLICATIONS

Li J, Sutton K, Ong L, Flower O, Gatward JJ, Jang H, Wood N, Hudson B, Tehrani S, Fernando SL. Recent SARS-CoV-2 infection: too early to vaccinate? *Medical Journal of Australia* 2022; **216 (9)**: 449-51.

Brewster DJ, Nickson CP, McGloughlin S, Pilcher D, Sarode VV, Gatward JJ. Preparation for airway management in Australia and New Zealand ICUs during the COVID -19 pandemic. *PLoS ONE* **16(5)**: e0251523.

Walsh OM, Davis K, Gatward JJ. Reducing inappropriate arterial blood gas testing in a level III intensive care unit: a before-and-after observational study. *Critical Care and Resuscitation* 2020; **22(4)**: 370-7.

Brewster DJ, Chrimes ND, Do TBT, Fraser K, Groombridge CJ, Higgs A, Humar MJ, Leeuwenburg TJ, McGloughlin S, Newman FG, Nickson CP, Rehak A, Vokes D, Gatward JJ. Consensus statement: Safe Airway Society principles of airway management and tracheal intubation specific to the COVID-19 adult patient group. *Medical Journal of Australia* 2020; **212 (10)**: 472-81.

Rajamani A, Huang S, Subramaniam A, Thomson M, Simpson A, McLean A, Aneman A, Madapusi TV, Lakshmanan R, Flynn G, Poojara L, Gatward J, Pusapati R, Howard A, Odlum D. Evaluating the influence of data collector training for predictive risk of death models: an observational study. *BMJ Quality and Safety* 2021; **30 (3)**: 202-7.

Collett LW, Sheehan PV, Gatward JJ. Amniotic fluid embolism with right heart masses presenting as cardiac arrest during labour. *Anaesthesia and Intensive Care* 2019; **47**: 193-6.

Chrimes N, Bradley WPL, Gatward JJ, Weatherall AD. Human factors and the 'next generation' airway trolley. *Anaesthesia* 2019; **74**: 427-33.

Brewster DJ, Nickson CP, Gatward JJ, Staples M, Hawker F, Gatward JJ. Should ongoing airway education be a mandatory component of continuous professional development for College of Intensive Care Medicine Fellows? *Anaesthesia and Intensive Care* 2018; **46(2)**: 190-6.

Gatward JJ. Standardised, hospital-wide airway trolleys. *ICU Management and Practice* 2017; **17 (2)**: 114.

Potter JE, Gatward JJ, Kelly MA, McKay L, McCann E, Elliott RM, Perry L. Simulation-based communication skills training for experienced clinicians to improve family conversations about organ and tissue donation. *Progress in Transplantation* 2017; **27(4)**: 339-45.

Spurr J, Gatward JJ, Joshi N, Carley SD. Top 10 (+1) tips to get started with in situ simulation in emergency and critical care departments. *Emergency Medicine Journal* 2016; **33**: 514-6.

Gatward JJ, O'Leary MJ, Sgorbini M, Phipps PR. Are potential organ donors missed on general wards? A six-month audit of hospital deaths. *Medical Journal of Australia* 2015; **202**: 205-9.

Husain T, Gatward JJ, Hambidge ORH, Southwood T, Asogan M. Strategies to prevent airway complications: a survey of adult intensive care units in Australia and New Zealand. *British Journal of Anaesthesia* 2012; **108**: 800-6.

Khavandi A, Gatward JJ, Whitaker J, Walker P. Myocardial infarction associated with the administration of intravenous ephedrine and metaraminol for spinal-induced hypotension. *Anaesthesia* 2009; **64**: 563-6.

Cook TM, Gatward JJ, Handel J, Hardy R, Thompson C, Srivastava R, Clarke PA. Evaluation of the LMA Supreme™ in 100 non-paralysed patients. *Anaesthesia* 2009; **64**: 555-62.

Gatward JJ, Wharton N, Porter MV, Barnes DR, Gibbon GJ. Trainee-led training in difficult airway rescue techniques. *Bulletin of the Royal College of Anaesthetists* 2008; **52**: 2670-2.

Gatward JJ, Cook TM, Seller C, Handel J, Simpson T, Vanek V, Kelly F. Evaluation of the size 4 i-gel™ airway in 100 non-paralysed patients. *Anaesthesia* 2008; **63**: 1124-30.

Gatward JJ, Gibbon GJ, Wrathall G, Padkin A. Renal replacement therapy for acute renal failure: a survey of practice in adult intensive care units in the United Kingdom. *Anaesthesia* 2008; **63**: 959-66.

Gatward JJ, Thomas MJC, Nolan JP, Cook TM. The effect of chest compressions on the time taken to insert airway devices in a manikin. *British Journal of Anaesthesia* 2008; **100**: 351-6.

ONGOING RESEARCH

Gatward JJ, Porter B, Morris R. Ventilator Testing for COVID-19 ICU Surge Capacity.

We tested 5 mechanical ventilators for use in the COVID-19 pandemic for clinical effectiveness, usability, trainability and practicality using a simulation based assessment with a variety of ICU clinicians and a high-fidelity breathing simulator. The project is completed and in the write-up stage.

BOOK CHAPTERS

Gatward JJ, McKay L, Kelly MA. Simulation-based training to improve conversations about organ and tissue donation. In *Healthcare Simulation Education: Evidence, Theory and Practice*, 2016. Nestel D, Jolly B, Watson M, Kelly M (Eds).

Gatward JJ. 'Peripheral nerve blocks', 'Plexus blocks' and 'Sympathetic blocks'. In: Brook P, Pickering T, Connell J (2011). *The Oxford Handbook of Pain Management*. Oxford: Oxford University Press.

Gatward JJ. 'Prediction of a difficult tracheal intubation and the management of intubation difficulties'; 'Acute ENT emergencies 3: Performing a tracheostomy'; 'Lumbar plexus, femoral and sciatic blocks' and 'Stellate ganglion and coeliac plexus blocks'. In: Leslie RA et al. (2011). *Dr. Podcast Scripts for the Final FRCA*. Cambridge: Cambridge University Press. Also see www.dr-podcast.com.

PEER-REVIEWED PUBLISHED ABSTRACTS

Husain T, Hambidge OR, Southwood TJ, Asogan M, Wood D, Gatward JJ. A survey of current airway practices on Australian Intensive Care Units. *Intensive Care Medicine* 2011; **37 (Supplement 1)**: S283.

Miller L, Morgan PJ, Kelly FE, Wharton N, Howes BW, Freshwater-Turner D, Gatward JJ. Human factors Airway Training (HAT) – demand and supply! *Anaesthesia* 2011; **66**: 641-2.

Cook SC, Gatward JJ, Kelly FE, Bell J, O'Higgins FM, Thomas MJ. Simulation training at the point of care to decrease the incidence of airway complications on the intensive care unit. *Critical Care* 2010; **14** (Supplement 1): 463.

Gatward JJ, Thomas MJC, Hadfield J, Gould TH. Anticoagulation with unfractionated heparin during continuous renal replacement therapy – hitting the target. *Intensive Care Medicine* 2009; **35** (Supplement 1): S44.

Jackson R, Kelly FE, English W, Gatward JJ, Gould TH. Impact of oral decontamination with chlorhexidine 1% gel on colonization of the respiratory tract in ventilated patients in a general ICU. *Intensive Care Medicine* 2009; **35** (Supplement 1): S102.

Cook TM, Gatward JJ, C. Seller, C, Kelly, F. A cohort evaluation of the i-gel airway in 100 elective patients. Presented at the Difficult Airway Society Annual Meeting, 2007. *Anaesthesia* 2008; **63**: 1391.

Thomas M, Gatward JJ, Padkin A. Intensive care input into end-of-life care in a region of the United Kingdom. *Intensive Care Medicine* 2007; **33** (Supplement 2): S210.

Gatward JJ, Austin N. Nosocomial infections in the Neonatal Unit. *Abstracts of the New Zealand Paediatric Society Conference* 2004.

LETTERS TO PEER-REVIEWED JOURNALS AND OTHER PUBLICATIONS

Brewster DJ, Groombridge CJ, Gatward JJ. Consensus statement: Safe Airway Society principles of airway management and tracheal intubation specific to the COVID-19 adult patient group. *Medical Journal of Australia* 2020. Available: <https://doi.org/10.5694/mja2.50889>

Brewster DJ, Nickson CP, Gatward JJ. Airway education in intensive care medicine in Australia and New Zealand: what are we doing? *Anaesthesia and Intensive Care* 2018; **46**(2): 239-41.

Fearnley RA, Gatward JJ, Gattas DJ. Iatrogenic hypercalcaemia inducing Takotsubo cardiomyopathy in regional citrate anticoagulation for continuous venovenous haemodialysis. *Anaesthesia and Intensive Care* 2014; **42**: 520-1.

Husain T, Gatward JJ, Harris R. Use of subglottic suction port to enable verbal communication in ventilator dependent patients. *American Journal of Respiratory and Critical Care Medicine* 2011; **184**: 384.

Kelly FE, Gatward JJ, Howes BW, Gould TH. Two cases of kinking of the intubating laryngeal mask tracheal tube on the intensive care unit following use for awake fibre-optic intubation. *Anaesthesia* 2010; **65**: 654.

Cook TM, Gatward JJ. Supreme! Or is it? A reply. *Anaesthesia* 2009; **64**: 1262-3.

Gatward JJ, Khavandi A. Management of blood pressure during spinal anaesthesia. A reply. *Anaesthesia* 2009; **64**: 1378-9.

Georgiou AP, Gatward JJ. Emergency anaesthesia in central core disease. *British Journal of Anaesthesia* 2008; **100**: 567.

Howes BW, Gibbon G, Porter MV, Gatward JJ, Barnes D, Kelly F, Doodson A, Webster S, Wharton N (The Severn Airway Training Society). An anaesthetic school's interest in awake fibre-optic intubation training. *British Journal of Anaesthesia* 2008 (E-letter, available at <https://academic.oup.com/bja/article/100/6/850/301965>).

Gatward JJ. Looking for trouble. *The Guardian* 1997 and *For Him Magazine* 1997. Article on testicular cancer detailing my personal experience with the disease and emphasizing the importance of testicular self-examination.

PRESENTATIONS TO LEARNED SOCIETIES

INTERNATIONAL

Gatward JJ. Airway Management in ICU. Invited speaker. Australia and New Zealand Intensive Care Society (ANZICS) Annual Scientific Meeting. Sydney 2022.

Gatward JJ, Cook S, Richmond C, Keays S. Looking Inwards Moving Forwards: Invited Plenary Speaker. Social Media and Critical Care Conference (SMACC) Sydney, 2019.

Gatward JJ. From Have-a-go Hero to Airway Ninja – Teaching Airways. Invited Plenary Speaker. Resus at The Harbour, Sydney, 2018.

Gatward JJ. 'Difficult conversations in Critical Care'. Invited plenary speaker. Social Medical and Critical Care Conference (SMACC) Berlin, 2017.

Gatward JJ, Nickson CP. 'In-situ Simulation'. Invited speaker. Australian and New Zealand Intensive Care Society (ANZICS) Annual Scientific Meeting. Perth, 2016.

Gatward JJ. 'Teaching Airways'. Invited Speaker. SMACC Chicago, 2015.

Gatward JJ. 'Teams of the Future'. Invited speaker. ANZICS Annual Scientific Meeting. Melbourne, 2014.

Gatward JJ. 'Gadgets and Sim'. Invited Speaker. SMACC Gold Coast, 2014.

Gatward JJ, Vasilliadis J. 'SimWars' (plenary session). SMACC Gold Coast, 2014.

Gatward JJ. Introducing simulation training to improve the organ donation conversation. Poster presentation. SMACC Gold Coast, 2014.

Gatward JJ. 'Setting up in-situ simulation training in your ICU'. Invited speaker. SMACC Education Workshop, Gold Coast, 2014.

McCann E, Gatward JJ. Introducing simulation training to improve the organ donation conversation. Oral presentation. International Society for Organ Donation and Procurement Congress, Sydney, 2013.

Gatward JJ, O'Leary M, Sgorbini M. Extending the search for the missed potential organ donor: a six-month audit of deaths in a large Australian teaching hospital. Oral presentation. International Society for Organ Donation and Procurement Congress, Sydney, 2013.

Gatward JJ, Griffiths K, Anderson D, Choit R, Lucey M. The introduction of low-cost, inter-disciplinary simulation training into the intensive care unit. E-poster presentation. SMACC Sydney, 2013.

Gatward JJ. Guerrilla Sim: Anytime, Anywhere, Anyone. Invited Speaker. SMACC Sydney, 2013.

Gatward JJ, Vassiliadis, J. 'SimWars' (plenary session). SMACC Sydney, 2013.

Gatward JJ. How to set up an in-situ simulation programme in your ICU. Invited speaker. Symposium on Critical Care Simulation, Intensive Care Society, London, 2012.

Gatward JJ. Mobile Simulation Training to decrease adverse airway incidents. Invited speaker. Society of Anaesthetists of the South Western Region: Spring Meeting, Rome, 2010.

Cook SC, Gatward JJ, Kelly FE, Bell J, O'Higgins FM, Thomas MJ. Simulation training at the point of care to decrease the incidence of airway complications on the intensive care unit. Poster presentation. International Symposium on Intensive Care and Emergency Medicine, Brussels, 2010.

Gatward JJ, Thomas MJC, Hadfield J Gould TH. Anticoagulation with unfractionated heparin during continuous renal replacement therapy – hitting the target. Poster presentation. European Society of Intensive Care Medicine Annual Congress, Vienna, 2009.

Jackson R, Kelly FE, English W, Gatward JJ, Gould TH. Impact of oral decontamination with chlorhexidine 1% gel on colonization of the respiratory tract in ventilated patients in a general ICU. Oral presentation. European Society of Intensive Care Medicine Annual Congress, Vienna, 2009.

Wharton N, Barnes DR, Gibbon G, Gatward JJ, Porter MV. Trainee-led airway skills training for junior anaesthetists based on Difficult Airway Society guidelines. Poster presentation. Education section, 14th World Congress of Anaesthesiologists, Cape Town, South Africa, 2008.

Wharton N, Barnes DR, Gibbon G, Gatward JJ, Porter MV. Bristol airway skills training day. Poster presentation. Joint meeting of the South West Society of Anaesthetists and the Hungarian Society of Anaesthesiologists, Budapest, Hungary, 2007.

Georgiou AP, Gatward JJ. Emergency anaesthesia in central core disease. Poster presentation. Annual Congress of the Association of Anaesthetists of Great Britain and Ireland, Dublin, 2007.

NATIONAL

Gatward JJ. Critical Care Airway Management – the nurse as Airway Ally. ACCCN NSW Critical Care Collaborative, Sydney 2023.

Gatward JJ. 'When liver transplant goes wrong' and 'Airway incidents in the ICU'. Invited speaker. Bedside Critical Care Conference, Cairns 2013.

Gatward JJ, Foot C, Steel L, Thomson G. Development of an inter-professional in-situ simulation training programme on the intensive care unit using the eight-step process of successful change. Poster presentation. College of Intensive Care Medicine Annual Scientific Meeting, Canberra, 2011.

Miller L, Morgan PJ, Kelly FE, Wharton N, Howes BW, Freshwater-Turner D, Gatward JJ. Human factors Airway Training (HAT) – demand and supply! Poster presentation. Society for Education in Anaesthesia (UK) Annual Scientific Meeting, 2011.

Cook SC, Gatward JJ, Bell J, Thomas MJC. Multi-Disciplinary Mobile Simulation Training in Critical Care – A Deanery Wide Teaching Project. Oral Presentation. Association for Simulated Practice in Healthcare Inaugural Meeting, 2010. Won first prize in the oral “Work in Progress” free papers.

Cook SC, Kelly FE, Gatward JJ, Thomas MJC, O’Higgins FM. Airway complications on the Intensive Care Unit. Oral presentation. Intensive Care Society State of the Art Conference, 2009. Won 2nd place.

Gatward JJ, Thomas M. The effect of chest compressions on the time taken to insert airway devices in a manikin. Oral presentation. Resuscitation Council Annual Scientific Symposium, 2007.

Cook TM, Gatward JJ, Kelly F, Sellers C. Cohort evaluation of 100 i-gel™ airways. Poster presentation. Difficult Airway Society Annual Conference, 2007.

Cook TM, Gatward JJ, Nolan JP. A cohort evaluation of the Supreme™ LMA: provisional results. Poster presentation. Difficult Airway Society Annual Conference, 2007.

Gatward JJ, Austin N. Nosocomial infections in the Neonatal Unit. Oral presentation. Paediatric Society of New Zealand Annual Conference, 2004.

REGIONAL

Gatward JJ, O’Leary M, Sgorbini M. Extending the search for the missed potential organ donor: a six-month audit of deaths in a large Australian teaching hospital. New South Wales Organ and Tissue Donation Forum, 2013.

Gatward JJ, Cook SC. Airway complications on the intensive care unit and a multimodal educational package to address the problem. Severn Foundation School Away Day, 2010.

Cook SC, Gatward JJ, Kelly FE, Bell J, O’Higgins FM, Thomas MJ. Simulation training at the point of care to decrease the incidence of airway complications on the intensive care unit. Oral presentation. Society of Intensive Care of the West of England Annual Conference, Chepstow, 2009.

Howes BW, Gibbon G, Porter MV, Gatward JJ, Barnes D, Kelly F, Doodson A, Webster S, Wharton N (The Severn Airway Training Society). The development of an awake fibre-optic training day. Society of Anaesthetists of the South Western Region, 2008. Prize-winner (Intersurgical prize).

Gatward JJ, Leslie R. ICU discharge delay audit. Oral presentation, Society of Intensive Care of the West of England Annual Conference, Chepstow, 2007.

Gatward JJ. Severe lactic acidosis caused by beta 2 agonists. Oral presentation, Society of Intensive Care of the West of England Annual Conference, Chepstow, 2005.

REVIEWING

- I have reviewed study protocols and manuscripts for the following organisations and journals:
 - *Internal Medicine Journal* (2013)
 - *Resuscitation* (2012 -2014)
 - National Medical Research Council of Singapore (2009)
 - *Journal of Clinical Anaesthesia* (2009)
- I regularly rate journal articles for McMaster University (2008 onwards).

CLINICAL AUDIT

In-hospital deaths (2013)

- Aim To examine all in-hospital deaths for 6 months looking for missed potential organ donors.
- Results Of 427 deaths, 9 discussed as possible missed organ donors, one missed potential donor.
- Outcome Further education sessions to reinforce the clinical trigger for potential organ donors.

Emergency tracheal intubation (2010)

- Aim To audit current practice during emergency tracheal intubation in ICU, ED and wards.
- Results Variation in staff seniority, use of difficult airway equipment, waveform capnography.
- Outcome An education package was designed to reinforce safe practice including the routine use of waveform capnography for all emergency tracheal intubations.

Anticoagulation in patients receiving continuous renal replacement therapy (2009)

- Aim To audit adherence to the target APTT ratio for patients receiving heparin for renal replacement therapy in the ICU.
- Results 40% of APTTRs were above the target range, and 7% were over 5.
- Outcome Target APTTR range lowered to 1.0-1.4. ICU changed to regional citrate anticoagulation.

End-of-life care documentation on the ICU (2007)

- Aim To analyse the quality of documentation of end-of-life decisions and treatment withdrawal plans for patients dying in the ICU.
- Results There was a wide variation in quality with much deviation from guidelines.
- Outcome The Liverpool Care of the Dying Pathway adopted. Audit presented at ICU audit meeting.

ICU discharge delay audit (2006)

- Aim To audit the duration and cause of discharge delays from Critical Care to the wards.
- Results The average delay was 14 hours, compared to the local standard, which is set at 2 hours. Delays were usually due to delayed discharge of ward patients ('bed-block').
- Outcome Outreach team empowered to expedite ward discharges. Audit at regional conference.

Nosocomial infections and their associated risk factors in the Neonatal ICU (2004)

- Aim To audit the incidence and associations of hospital-acquired infections in the NICU.
- Results Rates of infection were comparable with national averages. A positive correlation with the duration of use of umbilical lines was identified.
- Outcome 2% chlorhexidine and full asepsis adopted for line insertions. Surveillance program continued. Audit presented at the Paediatric Society of New Zealand Annual Conference

Prescribing audit (2003)

- Aim Snapshot audit of prescribing errors on drug charts for three different specialities.
- Results High frequency of errors.
- Outcome Report circulated to ward managers and junior doctors. Teaching package implemented. Surveillance program continued.

PERSONAL INTERESTS

- I am a keen cyclist, swim regularly and have run three half marathons. I visit the gym, play golf and enjoy skiing, snowboarding and scuba diving.
- I love to travel; having journeyed extensively through six continents.
- I am a percussionist and have played the drums in several bands of different genres.
- I also draw cartoons and have had two published in the national press.
- I used to do all of the above a lot more before becoming a proud dad to son Thomas and daughter Holly.

APPENDICES

MEMBERSHIP OF SOCIETIES

- Safe Airway Society 10
- College of Intensive Care Medicine 43449
- European Society of Intensive Care Medicine 20091816
- Intensive Care Society 5155
- Royal College of Anaesthetists 610878
- Association of Anaesthetists 109746
- Avant (Medical Indemnity) 2534682
- Advanced Life Support Group 28555

COURSES AND CONFERENCES ATTENDED

- Safe Airway Society ASM and Airway Workshops, Melbourne (2022)
- Coda Conference, Melbourne (2022)
- Cadaveric Airway Management Course, Brisbane (2022)
- Coda Zero, Sydney (2021)
- Safe Airway Society 2021 (Online)
- Cadaveric Airway Management Course, Sydney (2019)
- World Airway Management Meeting, Amsterdam (2019)
- Social Media and Critical Care Conference, Sydney (2019)
- International Symposium on Intensive Care and Emergency Medicine, Brussels (2018)
- Resus At The Harbour, Sydney (2018)
- Social Media and Critical Care Conference, Berlin (2017)
- College of Intensive Care Medicine Annual Scientific Meeting, Sydney (2017)
- Complex Communication in Healthcare Course, Pam McLean Centre, St Leonards (2017)
- Social Media and Critical Care Conference, Dublin (2016)
- Australia and New Zealand Intensive Care Society Annual Scientific Meeting, Perth (2016)
- International Symposium on Intensive Care and Emergency Medicine, Brussels (2016)
- Centre for Medical Simulation (Harvard) Advanced Debriefing Course (2016)
- Good Clinical Practice Training, RNSH (2015)
- Social Media and Critical Care Conference, Chicago (2015)
- Advanced Airway Course, Tetons (2015)
- International Symposium on Intensive Care and Emergency Medicine, Brussels (2015)
- Critical Care Echocardiography Workshop, Brussels (2015)
- Australia and New Zealand Intensive Care Society Annual Scientific Meeting, Melbourne (2014)
- College of Intensive Care Medicine Annual Scientific Meeting, Brisbane (2014)
- New Fellows' Conference (course organiser), Byron Bay (2014)
- Social Media and Critical Care Conference, Gold Coast (2014)
- European Society of Intensive Care Medicine Annual Scientific Meeting, Paris (2013)
- Bedside Critical Care Conference, Cairns (2013)
- College of Intensive Care Medicine Education Conference, Gold Coast (2013)
- The New Fellows' Conference, Byron Bay (2013)
- Social Media and Critical Care Conference, Sydney (2013)
- The HEART Course, Melbourne (2013)
- Centre for Medical Simulation Trainers' Course, Sydney (2013)
- Sydney Short Course in Intensive Care Medicine, examiner (2012)
- Bedside Critical Care Conference, Queensland (2012)

- College of Intensive Care Medicine Annual Scientific Meeting, Melbourne (2012)
- Update in Critical Care, Melbourne (2012)
- Symposium on Critical Care Simulation, Intensive Care Society, London (2012)
- Anaesthesia Update, Bristol, UK (2012)
- Echocardiography One-On-One Training Course, Nepean (1 week, 2012)
- Consultant Intensivist Transition Course, Melbourne (2011)
- Basic Instructor Course, Royal Prince Alfred Hospital (2011)
- Sydney Short Course in Intensive Care Medicine, St. Vincent's Hospital, Sydney (2011)
- Update in Critical Care, Canberra (2011)
- College of Intensive Care Medicine Annual Scientific Meeting, Canberra (2011)
- Bedside Critical Care Conference, Kingscliff, New South Wales (2010)
- Australian Donor Awareness Programme, Sydney (2010)
- Society of Anaesthetists of the South Western Region: Spring Meeting, Rome (2010)
- Train the Trainers: Airway Management, RCoA London (2010)
- Educational Supervision Training Day, Bristol (2010)
- Train the Trainers Course, Bristol (2010)
- CT1 interview training, Severn Deanery (2010)
- Selection Methodology Interview Training, Bristol (2010)
- European Society of Intensive Care Annual Congress, Vienna (2009)
- Society of Intensive Care of the West of England, Chepstow (2009)
- 'The Changing Face of ICU' Conference, London (2009)
- 'One-lung' Thoracic Anaesthesia Course, Bristol (2009)
- Bristol Endoscopic Airway Training Course, Bristol (2009)
- Intensive Care Society Seminar – Ventilation Update, London (2009)
- Update in mycology – the treatment of Candida on the Intensive Care Unit, Bristol (2009)
- Update in microbiology – Vancomycin drift, Bristol (2009)
- Top Brass: Politics and Anaesthesia, Bath (2009)
- Current Opinions in Liver Disease, Bristol Royal Infirmary (2009)
- Diploma in Intensive Care Medicine Revision Course, Bristol (2009)
- International Symposium on Intensive Care and Emergency Medicine, Brussels (2009)
- Echocardiography for Intensivists – 5-day practical course, Australian Institute of Ultrasound (2008)
- Fibre-optic airway skills course, Royal Melbourne Hospital (2008)
- Group of Anaesthetists in Training Conference, Brighton (2007)
- The Society of Anaesthetists of the South Western Region Spring Meeting, Budapest (2007)
- Society of Intensive Care of the West of England, Chepstow (2007)
- Desflurane study day, Bristol Medical Simulation Centre (2007)
- Remifentanyl in the ICU, Bristol Medical Simulation Centre (2007)
- Management of emergencies in paediatric anaesthesia, Bristol Simulation Centre (2006)
- Final FRCA revision course, Royal College of Anaesthetists (2006)
- Advances in haemodynamic monitoring, Warwick (2005)
- Heart failure update 2004, Bristol (2004)
- Current issues in anaesthesia, Bristol Royal Infirmary (2004)
- Ethical issues, Gloucester Royal Hospital (2004)
- Generic instructor course, ALSG, Manchester (2003)
- Primary revision course, Royal College of Anaesthetists (2002)
- Anaesthetic emergencies, North Thames Simulator Centre (2001)
- Group of Anaesthetists in Training Conference, Keele University (2001)
- Intensive sports medicine course, University of New South Wales, Sydney (2000)