

ANAESTHESIA
2021
18–20 May

Co-badged with:



CAI

SALUS DUM VIGILAMUS

College of Anaesthesiologists of Ireland



#Anaesthesia2021

I am very pleased to welcome you to Anaesthesia 2021 – our flagship conference and a unique opportunity for learning and reflection.

After the challenging year we have encountered it is great to be able to spend time together virtually to reset and recharge.

Holding our conference virtually has enabled us to reach more overseas delegates than ever before, we are welcoming attendees from 26 different countries and it's a pleasure to spend time with you this week.

It is also great to see all grades of the profession represented with 20 per cent of delegates being anaesthetists in training, foundation doctors or medical students.

I'm looking forward to hearing about the Introduction to the International Academy of the Colleges of Anaesthesiology on day one of the conference, we are bringing together Colleges across the globe to collaborate and celebrate our profession.

Another highlight of the conference will be the breakout sessions on day two, have your choice to attend two out of the five sessions, from obstetrics, wellbeing, prehabilitation and perioperative medicine, military medicine and simulation.

I am also looking forward to hearing from Dr David Sellu, Honorary Consultant Surgeon, on his wrongful conviction for gross negligent manslaughter. I would like to thank him and all of our speakers for giving so generously of their time to share expertise and knowledge with us over the next three days.

I encourage you to take advantage of the various networking opportunities available over this week. Historically, these have been a highly valued part of attending large educational events such as this. We have a virtual coffee lounge and speed networking available as well as chat message function and ability to book private meetings with each other.

Fitter Better Sooner (rcoa.ac.uk/fitterbettersooner), we can practice what we preach and stay active during the lunch breaks with our body and mind zone, giving you the opportunity to join a workout or meditation session.

Visit the 'explore and posters' area to see updates from the College and our sponsors with various booths as well as a display of posters on PQIP.

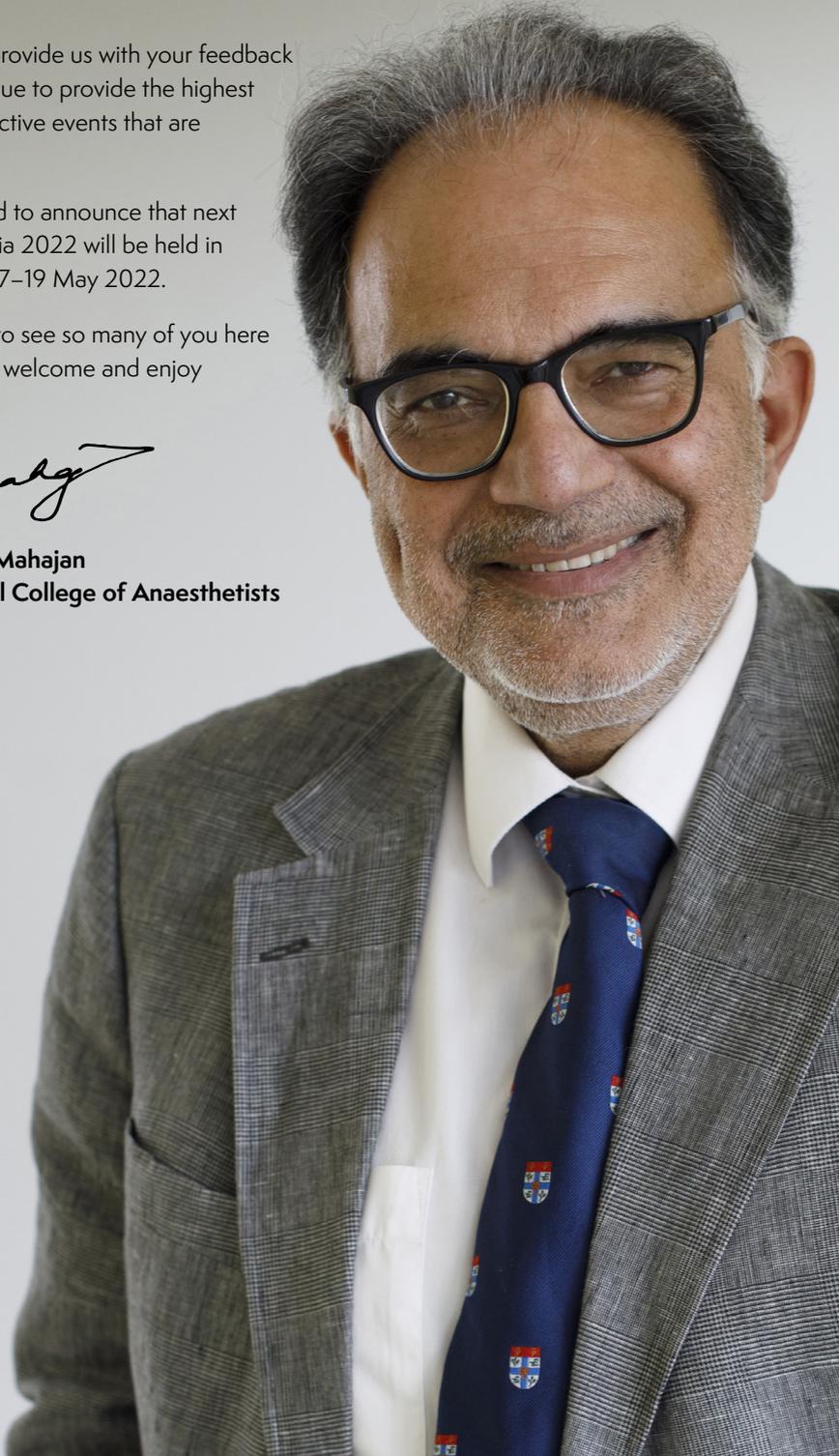
As ever, please provide us with your feedback so we can continue to provide the highest quality, cost-effective events that are relevant to you.

I am very pleased to announce that next year's Anaesthesia 2022 will be held in Manchester on 17–19 May 2022.

I am so pleased to see so many of you here and, once again, welcome and enjoy the event.



Professor Ravi Mahajan
President, Royal College of Anaesthetists





Welcome to Anaesthesia 2021.

Thank you for joining us for the RCoA's flagship conference Anaesthesia 2021.

I am excited that we have been able to go ahead virtually after postponing Anaesthesia 2020. This has been a challenging year for all of us and I hope that this year's conference will help to re-energise you and once again spark your enthusiasm for our wonderful specialty.

This year we bring to you three packed days, including 12 sessions, five workshops and over 60 excellent speakers. We have teamed up with the College of Anaesthesiologists of Ireland and the Hong Kong College of Anaesthesiologists so we are able to increase the number of international speakers and delegates in attendance.

Please ask questions and join in the conference chat, I look forward to hearing your views and having you very much part of this conference.

I know one of the most valuable aspects of attending a conference is to network, so we have built in lots of time across the three days for you to make new local and international friends as well as catch up with old ones.

A past delegate has described our yearly anaesthesia meeting as 'the nuclear reactor that drives the College and anaesthesia forward'.

I hope you enjoy the conference.

Dr Russell Perkins,
Clinical Content Lead for Anaesthesia 2021

COVID-19: Lessons for the future of Anaesthesia and Critical Care

15–17 June 2021

INTERNATIONAL ACADEMY OF COLLEGES OF
ANAESTHESIOLOGISTS VIRTUAL CONFERENCE 2021

Join the global virtual conference that
will share vital lessons learned and help
clinicians better prepare for COVID-19 or
similar future respiratory pandemics.

#IACACOV19

Organised jointly with:



Book your place now at rcoa.ac.uk/covid19conference

Day 1 | Tuesday 18 May

09.15–10.00	Platform open – login and familiarise yourself
10.00–10.10	Welcome Professor Ravi Mahajan, President, RCoA
10.10–10.15	Introduction Dr Russell Perkins, Clinical Content Lead and RCoA Council Member; Consultant Paediatric Anaesthetist, Royal Manchester Children’s Hospital
10.15–10.45	Beyond low tidal volume ventilation: treatment adjuncts for severe respiratory failure in acute respiratory distress syndrome Professor Gerard Curley, Consultant in Anaesthesia and Intensive Care, Beaumont Hospital, Dublin
Session 1	Perioperative medicine Chaired by Dr Claire Shannon, Consultant Anaesthetist, Guys and St Thomas Trust
10.45–11.10	MACINTOSH PROFESSORSHIP AWARD LECTURE Perioperative oxygenation: too much, too little, just right Dr Daniel Martin OBE, Professor of Perioperative and Intensive Care Medicine, Macintosh Professor of Anaesthesia, University of Plymouth
11.10–11.35	MACINTOSH PROFESSORSHIP AWARD LECTURE Perioperative anaemia Dr Andrew Klein, Consultant Anaesthetist and Departmental Chairman, Royal Papworth Hospital NHS Foundation Trust
11.35–12.00	Procedure induced anxiety in children Dr Richard Martin, Consultant and Honorary Associate Professor in Paediatric Anaesthesia, Great Ormond Street Hospital, London
12.00–12.25	Discussion and Q&A
12.25–13.25	Break for lunch
Session 2	Quality improvement Chaired by Professor Mike Grocott, Professor of Anaesthesia and Critical Care Medicine, University of Southampton, Consultant in Critical Care Medicine, University Hospital Southampton NHS Foundation Trust
13.25–13.50	Update on state of the art COVID research Dr Charlotte Summers, Deputy Director of Clinical Academic Training, Director of Academic Clinical Fellow Programme, University of Cambridge School of Clinical Medicine

13.50–14.10	<p>Joint colleges resources – developing resources during the COVID pandemic Professor William Harrop-Griffiths, Consultant Anaesthetist and RCoA Vice-President</p>
14.10–14.35	<p>Improving tracheostomy care: a toolkit for anaesthetists Dr Brendan McGrath, Consultant in Anaesthesia and Intensive Care Medicine, Manchester University NHS Foundation Trust</p>
14.35–14.50	<p>Living with a tracheostomy, patient story Mrs Julie Gimblett and Mr Karl Gimblett</p>
14.50–15.10	<p>Discussion and Q&A</p>
15.10–15.40	<p>Break</p>
Session 3	<p>Quick-fire talks Chaired by Dr Lucy Williams, Clinical Lead for Pain, Great Western Hospital, Swindon</p>
15.40–16.55	<p>1 Latest development on ophthalmic anaesthesia Dr Santhana Kannan, British Ophthalmic Anaesthetic Society (BOAS)</p> <p>2 Lignocaine infusions – guidelines Dr Andrew Smith, Consultant Anaesthetist, Royal Lancaster Infirmary</p> <p>3 Lignocaine infusions - research Dr Neil McGuire, Senior Clinician, Medicines and Healthcare products Regulatory Agency</p> <p>4 Safe delivery of paediatric ENT surgery in the UK Dr Catherine Doherty, Consultant Paediatric Anaesthetist, Central Manchester University Hospitals NHS Foundation Trust</p> <p>5 Cytoreductive surgery and hyperthermic intraperitoneal chemotherapy (HIPEC) Dr Jonathan Allen, Consultant in Anaesthesia and Critical Care, The Christie NHS Foundation Trust, Manchester</p>
16.55–17.10	<p>Introduction to the International Academy of Colleges of Anaesthesiologists</p>
17.10–17.30	<p>Closing remarks</p>

Day 2 | Wednesday 19 May

09.00–09.05 **Opening remarks**
Dr Fiona Donald, Vice-President, Royal College of Anaesthetists

Session 4 **Oncology and anaesthesia**
Chaired by Dr Chun Yin Wat, Associate Consultant, Department of Anaesthesiology and Perioperative Medicine, Hong Kong Children's Hospital

09.05–09.30 **Cancer and anaesthesia – pioneer of total intravenous anaesthesia (TIVA)**
Professor Michael Irwin, Chief of Service in Anaesthesia and Critical Care at Gleneagles Hospital, Hong Kong

09.30–09.55 **Proton Beam Therapy – physicist view**
Professor Karen Kirkby, Professor of Proton Therapy Physics, University of Manchester and The Christie Hospital

09.55–10.20 **Proton Beam Therapy – anaesthetist view**
Dr Lauren Oswald, Consultant Anaesthetist, The Christie NHS Foundation Trust

10.20–10.40 **Discussion and Q&A**

10.40–11.10 **Break**

Session 5 **Anaesthesia and the brain**
Chaired by Dr Gunjeet Dua, Consultant Anaesthetist at Guy's and St Thomas' NHS Foundation Trust

11.10–11.35 **Anaesthesia and the developing infant brain**
Professor Suellen Walker, Professor of Paediatric Anaesthesia and Pain Medicine, Great Ormond Street Hospital for Children

11.35–12.00 **Anaesthesia and the injured brain, lessons for ischaemic stroke**
Dr Judith Dinsmore, Consultant Anaesthetist, St George's Hospital, London

12.00–12.10 **Discussion and Q&A**

Session 6 **Prevention of Respiratory Insufficiency after Surgical Management (PRISM) Trial**
Chaired by Professor Ellen O'Sullivan, Consultant Anaesthetist, St James's Hospital, Dublin

12.10–12.30 **Breaking news: results of the PRISM trial**
Professor Rupert Pearse, Consultant in Intensive Care Medicine and Clinical Director for Research and Development, London

12.30–12.35 **Discussion and Q&A**

12.35–13.35 **Break for lunch**

Session 7 Breakout sessions: choose to attend two

- First choice:** **Workshop 1: obstetrics and anaesthesia**
 13.35–14.15 Dr Kirsty MacLennan, Consultant Obstetric Anaesthetist, St Mary’s Hospital, Manchester
- Second choice:** Professor Bernard Clarke, Consultant Cardiologist, Manchester Royal Infirmary
 14.25–15.05 Dr Kailash Bhatia, Consultant in Anaesthesia and Perioperative Medicine, Manchester University NHS Foundation Trust
 Dr Emma Shawkat, Consultant Obstetrician, Manchester University NHS Foundation Trust
- Workshop 2: trainees with an interest in perioperative medicine (TRIPOM): prehabilitation and perioperative medicine**
 Dr Nicole Greenshields, Anaesthetic Registrar, Imperial School of Anaesthesia and Perioperative Medicine Fellow, London
 Dr Samantha Moore, Anaesthetics, East Midlands
- Workshop 3: wellness and anaesthesia**
 Dr Roopa McCrossan, ST7 Anaesthesia, Newcastle Hospitals
 Dr Nancy Redfern, Consultant Anaesthetist, Newcastle Hospitals
- Workshop 4: lessons from military anaesthesia**
 Surg Cpt Steve Bree, Defence Consultant Adviser (Anaesthesia) and Surgeon Captain, Royal Navy
- Workshop 5: simulation and COVID**
 Dr Clifford Shelton, Consultant Anaesthetist, Manchester University NHSFT
 Dr Zoe Parry, Consultant Anaesthetist, Manchester University NHSFT

15.05–15.35 **Break**

Session 8 Hypotension and perioperative outcomes – session organised by the *British Journal of Anaesthesia (BJA)*
 Chaired by Professor Hugh Hemmings, Weill Cornell Medicine, USA

- 15.35–16.00 **Hypotension and perioperative outcomes: marker or mediator?**
 Professor Gareth Ackland, Professor of Perioperative Medicine, William Harvey Research Institute, Barts & The London School of Medicine & Dentistry, London
- 16.00–16.25 **Protecting the heart during anaesthesia and surgery: Fighting for better outcomes long after the OR**
 Professor Michelle Chew, Professor and Chair, Anaesthesiology, Intensive Care and Acute Medicine, Linköping University, Sweden
- 16.25–16.50 **Anaesthetic strategies to minimize hypotension**
 Professor Robert Sneyd, Emeritus Professor, University of Plymouth, UK
- 16.50–17.10 **Discussion and Q&A**
- 17.10–17.15 **Closing remarks**

Day 3 | Thursday 20 May

08.55–09.00 **Opening remarks**
Professor William Harrop-Griffiths, Consultant Anaesthetist and RCoA Vice-President

Session 9 **When things go wrong?**
Chaired by Dr Helgi Johannsson, Consultant Anaesthetist, Imperial College Healthcare NHS Trust, London

09.00–09.25 **HSIB Health services investigation bureau**
Mr Andy Collen, Consultant Paramedic, South East Coast Ambulance Service NHS Foundation Trust and Mr Stephen Drage, Director of Investigations, Healthcare Safety Investigation Branch (HSIB)

09.25–09.30 **Discussion and Q&A**

09.30–10.10 **Inside the Ethics Committee**
Dr David Bogod, RCoA, Ethics Committee
Professor Deborah Bowman, Professor of Ethics and Law at St George's, University of London
Dr Kate McCombe, Consultant Anaesthetist, Mediclinic City Hospital, Dubai
Dr Andrew Hartle, Consultant Anaesthetist, Imperial College Healthcare NHS Trust
Susanna Stanford, Patient Safety Advocate

10.10–10.15 **Discussion and Q&A**

10.15–10.40 **Patient Safety, the law and regulation (Chaired by Dr Russell Perkins)**
Mr David Sellu, Honorary Consultant Surgeon, St Mark's Hospital, London

10.40–10.45 **Discussion and Q&A**

10.45–11.10 **Break**

Session 10 **Health Services Research Centre (HSRC)**
Chaired by Professor Ramani Moonesinghe OBE, Director, NIAA Health Services Research Centre, Royal College of Anaesthetists

11.10–11.35 **JOHN SNOW LECTURE: How to save a mother, in low- and middle-income countries**
Professor Bruce Biccard, Professor and Second Chair, Groote Schuur Hospital and University of Cape Town

11.35–12.00 **JOHN SNOW ORATION: My life in Global Health**
Professor Kathryn Maitland, Professor of Tropical Paediatric Infectious Diseases, Imperial College London

12.00–12.25 **Perioperative cardiac arrest – launch of NAP7**
 Dr Jasmeet Soar, Consultant in Anaesthesia and Intensive Care Medicine,
 Southmead Hospital, Bristol and Clinical Lead, RCoA 7th National Audit Project

12.25–12.35 **Discussion and Q&A**

12.35–13.15 **Poster presentations:**

- Individualised pain management for patients undergoing elective laparoscopic colorectal surgery – Dr Daniel Paul, Quality Improvement Fellow, Musgrove Park Hospital, Somerset
- Gold patient in trauma theatre – Dr Hannah Saitch, University Hospital of Wales
- QI project: short acting spinal anaesthesia improves patient and enhanced recovery outcomes, patient/staff satisfaction and Same-day discharge rates in urological, gynaecological and non-delivery obstetrics and general surgical procedures – Dr Thaamharah Mahendrayogam, Consultant Anaesthetist, University College London Hospitals NHS Foundation Trust
- Get Set 4 Surgery: the impact of prehabilitation on surgical patients – Naomi Ehigie, Medical Student, St George’s Hospital, London
- Improvement in Assessment of Frail Elderly Patients – Dr Rachel Awan, Royal United Hospital Bath NHS Foundation Trust

13.15–14.15 **Break**

Session 11 **New frontiers in medicine**
 Chaired by Professor William Harrop-Griffiths, Consultant Anaesthetist and RCoA Vice-President

14.15–14.40 **Data science and artificial intelligence for better healthcare**
 Professor Niels Peek, Professor of Health Informatics, University of Manchester

14.40–15.05 **Wearable tech**
 Dr Alex Casson, Reader (Associate Professor), Department of Electrical and Electronic Engineering, University of Manchester

15.05–15.25 **Discussion and Q&A**

Session 12 **Panel debate**
 Chaired by Dr Claire Mallinson, Consultant Anaesthetist, Guy’s and St Thomas’ Hospital NHS Trust, London

15.25–15.50 **Debate: this house believes doctors tackling COVID-19 be immune from negligence liability claims**

For – Dr Michael Devlin, Head of Professional Standards and Liaison, The Medical Defence Union

Against – Dr Craig Purshouse, Lecturer in Law, University of Leeds

15.50–16.00 **Closing remarks**

Lunchtime sessions



Tuesday
Hiit

12.35–13.00



Wednesday
Yoga

12.45–13.10



Thursday
Meditation

13.30–14.00



Wednesday 19 May 2021
12.55–13.25

Lunchtime SAS Networking Session

Dr Ashwini Keshkamat and Dr Lucy Williams will hold an informal meeting of SAS doctors to discuss recent updates and provide a networking facility for fellow SAS colleagues.

Speakers: Day 1



Professor Ravi Mahajan
President, Royal College of Anaesthetists

Professor Ravi Mahajan qualified in anaesthesia in 1985 in India, came to the UK in 1988 and has since had 30 years' experience in the NHS. During this time Ravi has been supporting the development of a culture that instinctively puts patient safety first in all considerations, a significant change seen in his time as a clinician.

Serving as RCoA Council member since 2007, in 2016 he became vice-president and then president in September 2018, alongside his role as Professor of Anaesthesia and Intensive Care at University Hospitals, Nottingham. Previously Ravi was Editor-in-Chief of the *British Journal of Anaesthesia* (BJA).

In his career as an anaesthetist, Ravi has helped to develop the Safe Anaesthesia Liaison Group, the National Institute for Academic Anaesthesia, the Health Services Research Centre and, more recently, the Centre for Perioperative Care.

CHAIR



Dr Russell Perkins
Clinical Content Lead for Anaesthesia 2021 and Consultant Anaesthetist, Royal Manchester Children's Hospital

Dr Russell Perkins has been a Consultant Paediatric Anaesthetist in Manchester for 20 years and a proud Fellow of the RCoA for 25 years. The College has a well-deserved reputation for excellence both nationally and internationally and he has served as College tutor, examiner, and deputy and regional adviser.

As an elected member of RCoA Council, Russell sits on the Education and Professional Development, SAS and Examinations Committees. He is chair of the Anaesthesia Clinical Services Accreditation (ACSA) Committee and deputy chair of the Clinical Quality and Research Board. As a paediatric anaesthetist on RCoA Council, he is a co-opted representative to the Association of Paediatric Anaesthetists of Great Britain (APAGBI), a role which he enjoys and sees as one of his core responsibilities. Russell aims to ensure anaesthetic care of children is embedded in all activities at the RCoA and champions our training as being fit for purpose for all those working in the NHS in the years to come.

Speakers: Day 1



Professor Gerard Curley
Consultant in
Anaesthesia and
Intensive Care,
Beaumont Hospital,
Dublin

Beyond low tidal volume ventilation: treatment adjuncts for severe respiratory failure in acute respiratory distress syndrome

Professor Gerard Curley trained in Ireland, the United States and Toronto, Canada. In the past he has been awarded an International Anaesthesia Research Society Mentored Research Award, Australia/New Zealand Intensive Care Society Global Rising Star, and an Early Researcher Award from the Government of Canada Ministry of Research and Innovation.

He was recently awarded a Health Research Board Clinician Scientist Award to examine the use of novel lipid mediator-based therapies for Acute Respiratory Distress Syndrome, and a United States Department of Defence Discovery Award to determine the role of alpha 1 antitrypsin in Acute Lung Injury.

CHAIR



Dr Claire Shannon
Consultant
Anaesthetist, Guy's
and St Thomas' Trust

Dr Claire Shannon has been a consultant anaesthetist at Guy's and St Thomas' Trust with a special interest in paediatric anaesthesia and ENT since 1997. She was clinical lead for paediatrics and has been involved in postgraduate education throughout the whole of her consultant career as College tutor, training programme director, regional adviser and lead regional adviser, and FRCA examiner.

Claire is now within Health Education England in London as head of specialty school, striving to improve wellbeing and the ARCP processes within the constraints of complex regulatory systems. Her recent focus is developing an innovative leadership training programme in order to equip future consultants with the skills and language to be leaders.

Macintosh Professorship Award Lecture

This prestigious lecture and title is awarded on the recommendation of the Board of the National Institute for Academic Anaesthesia (NIAA). It is in recognition of outstanding contributions to the wider field of anaesthesia in a senior academic or clinician.



Professor Daniel Martin
Consultant Anaesthetist, Royal Free Hospital

Perioperative oxygenation: too much, too little, just right

Daniel is a clinical academic based at University College London and the Royal Free Hospital. His clinical interests include intensive care medicine, the assessment of patients using cardiopulmonary exercise testing and he is the critical care lead for high consequence infectious diseases at the Royal Free.

Daniel's main research interest is the physiology of oxygen, hypoxia and hyperoxia. His research in this area spans across laboratory work, experiments at high altitude, clinical trials, and 'big data' bioinformatics projects. He is particularly interested in bioenergetic function and redox balance, and how these are related to clinical outcomes.

Daniel has been conducting research at high altitude for many years and is part of the Xtreme Everest team. When he summited Mount Everest in May 2007 as part of a large-scale research expedition, measurements of arterial blood taken near the summit showed him to have one of the lowest levels of oxygen ever reported in a human. Daniel holds a number of national roles to promote and develop clinical academic anaesthetists in training, including at the National Institute of Academic Anaesthesia and National Institute for Health Research and the Royal College of Anaesthetists. Daniel is also the Editor-in-chief of the *Journal of the Intensive Care Society* and a member of Council of the Intensive Care Society.

Macintosh Professorship Award Lecture

This prestigious lecture and title is awarded on the recommendation of the Board of the National Institute for Academic Anaesthesia (NIAA). It is in recognition of outstanding contributions to the wider field of anaesthesia in a senior academic or clinician.



Professor Andrew Klein

Consultant Anaesthetist, Department of Anaesthesia and Intensive Care, Royal Papworth Hospital

Perioperative anaemia

Professor Andrew Klein is a Cardiothoracic Anaesthetist at Royal Papworth Hospital in Cambridge. He is the Editor-in-Chief of *Anaesthesia* and is on the Board and Council of the Association of Anaesthetists and the National Institute of Academic Anaesthesia (NIAA). He is also a member of the research committee for the Australian and New Zealand College of Anaesthetists (ANZCA).

Andrew's main research area is preoperative anaemia and the effects of iron replacement therapy. He is one of the Principal Investigators of the ITACS trial (Intravenous Iron for the Treatment of Anaemia before Cardiac Surgery). He is also currently researching new point-of-care testing technology for managing haemorrhage during surgery and high-flow nasal oxygen to improve recovery after major surgery, including thoracotomy, emergency laparotomy and sternotomy.

Speakers: Day 1



Dr Richard Martin
Consultant and
Honorary Associate
Professor in Paediatric
Anaesthesia, Great
Ormond Street
Hospital, London

Procedure induced anxiety in children

Dr Richard Martin has an interest in procedure-induced anxiety. After reviewing all available research on the subject, published over a 100-year period, it was clear that despite evidence indicating significant numbers of children experience procedure-induced anxiety and sustain psychological trauma as a consequence, few if any clinicians appeared to know about or were acting upon this research. Richard has been working on the publication of a textbook that will underpin current interest in this field and act as a stimulus for conversation on this subject. The book is titled: *The Management of Procedure-Induced Anxiety in Children*.

CHAIR



Professor Mike Grocott
Professor of
Anaesthesia and
Critical Care
Medicine, University
of Southampton;
Consultant in Critical
Care Medicine,
University Hospital
Southampton NHSFT

Professor Mike Grocott is an NIHR Senior Investigator, served as vice-president of the RCoA (2019–2020) and is deputy-chair of the national Centre for Perioperative Care (CPOC). He was previously chair of the Education Training and Examinations Board (2018–2019).

Mike graduated from St George's in 1992 and was appointed senior lecturer at UCL in 2005. He was the founding director of the NIAA Health Services Research Centre (2011–2016), chaired the National Emergency Laparotomy Audit (2012–2017) and served on the board of the Faculty of Intensive Care Medicine (2014–2017). Mike is the NIHR CRN national specialty group lead for anaesthesia, perioperative medicine and pain (2015–2020) and chairs the board of the National Institute of Academic Anaesthesia (2018–2021). He is an adjunct professor of anaesthesia at Duke University, North Carolina, USA and an honorary professor at University College London and Kings College London.

Speakers: Day 1



Dr Charlotte Summers
Deputy Director of
Clinical Academic
Training Director of
Academic Clinical
Fellow Programme,
University of
Cambridge School of
Clinical Medicine

Update on state of the art COVID research

Dr Charlotte Summers graduated in both Biomedical Sciences and Medicine from the University of Southampton, and later undertook a PhD at the University of Cambridge, alongside specialist clinical training in respiratory (Cambridge) and intensive care medicine (London). She was subsequently appointed as the UK's first NIHR clinical lecturer in intensive care medicine, and awarded a Fulbright All-disciplines Scholar Award and a Wellcome Trust Fellowship for Postdoctoral Clinician Scientists.

Charlotte joined the University of Cambridge School of Clinical Medicine in 2015 and currently co-leads the Perioperative, Acute, Critical Care and Emergency (PACE) Medicine section of the Department of Medicine.



Professor William Harrop-Griffiths
Vice-President,
Royal College of
Anaesthetists

Joint colleges resources – developing resources during the COVID pandemic

Professor William Harrop-Griffiths qualified from Oxford and St Thomas' Hospital, London in 1981 after training in both London and Seattle, USA. He was appointed as a consultant anaesthetist at St Mary's Hospital in 1991.

William's areas of interest within the specialty include regional anaesthesia. Roles at the RCoA include: chair of the Clinical Quality and Research Board, also as College lead for the Advisory Committee on Clinical Excellence Awards (ACCEA).



Dr Brendan McGrath
Consultant
Anaesthetist,
Manchester University
Foundation Trust

Improving tracheostomy care: a toolkit for anaesthetists

Dr Brendan McGrath qualified from the University of Sheffield and trained initially in general medicine in Yorkshire, the North East and then Australia. He returned to specialise in anaesthesia and intensive care medicine, appointed as a consultant at Manchester University Foundation Trust, at Wythenshawe Hospital in 2009.

Brendan's research interests in patient safety and airway management led to the initiation of the UK National Tracheostomy Safety Project, collaborating widely in developing educational resources to guide the multidisciplinary response to airway emergencies. Brendan helped to develop the Global Tracheostomy Collaborative in 2012.



Julie Gimblett
Tracheostomy Patient

Living with a tracheostomy, patient story

Julie Gimblett was born 56 years ago in Cheshire. She had a great career as a HR manager and an amazing Life. Her only constant nemesis was her weight.

On reaching 18 stone in the summer of 2015, she elected to have bariatric surgery. Unfortunately, after her surgery Julie developed a leak in her stomach and became septic with organ failure. Julie was put into an induced coma for 25 days, had a pericardial infusion, dialysis, a tracheotomy, lung drainage, enteral feeding for 12 months, 65 days in intensive care, and two major stomach operations. After extensive physiotherapy, she finds herself here today sharing her tracheotomy experience with you.

Speakers: Day 1



Dr Lucy Williams
Clinical Lead for
Pain, Great Western
Hospital, Swindon

Dr Lucy Williams qualified in 1990 from Newcastle University. Her anaesthetic training was in the South West but was curtailed by family commitments. Since 2001 she has worked in SAS posts and started work in her current job in 2007.

Lucy's work is divided between anaesthesia and pain medicine where she is currently clinical lead for pain services within her hospital. Since September 2018, she has been the SAS tutor for The Great Western Hospital, with responsibility for supporting the professional development of approximately 55 colleagues.

Lucy joined the College SAS Committee two years before being elected to Council.



Dr Santhana Kannan
Consultant in
Anaesthesia and
Critical Care, West
Birmingham Hospitals
NHS Trust

Latest development on ophthalmic anaesthesia

Dr Santhana Kannan's interests include ophthalmic anaesthesia, day surgery, mechanical ventilation, teaching and risk management. A reviewer for multiple medical journals. He has more than 50 publications including book chapters.

Currently serving as Trust Governance Lead for Intensive Care, Editor of the *Ophthalmic Anaesthesia* journal, Council member and Treasurer for the British Ophthalmic Anaesthesia Society, and a Reviewer for Anaesthesia Clinical Services Accreditation (ACSA).

Santhana has previously served as trust medical appraisal lead, College tutor, divisional director in anaesthesia, critical care and pain management, General Medical Council PLAB Examiner and professional assessor in anaesthesia and intensive care for the National Clinical Assessment Service/NHS Litigation.



Professor Andrew Smith
Consultant
Anaesthetist, Royal
Lancaster Infirmary

Lignocaine infusions – guidelines

Professor Andrew Smith has been a consultant anaesthetist at the Royal Lancaster Infirmary since 1998 and Director of the Patient Safety Research Unit there since 2008. Andrew has been an advisory member of the Safe Anaesthesia Liaison Group since 2009 and is also a member of the European Society of Anaesthesiology's Patient Safety and Quality Committee. His contribution to the speciality of anaesthesia, and the science and practice of patient safety, were recently recognised by an AAGBI Foundation Award. Additionally, he has a longstanding interest in evidence-based medicine, and has been the co-ordinating editor of the Cochrane Anaesthesia Review Group since 2018.



Dr Neil McGuire
Senior Clinician,
Medicines and
Healthcare products
Regulatory Agency

Lignocaine infusions – research

Dr Neil McGuire has previously served for 28 years in the RAF and for most of this he also worked in the NHS as a consultant. This was mainly in Oxford in ICM, but he gave up clinical medicine in 2017, due to the demands of MHRA.

Neil's had experience across a wide range of medicine and worked in many clinical settings, including caring for battlefield wounded, long distance transportation of the severely war injured, ICM and anaesthesia in the NHS and in a major trauma center in Baltimore. He feels he has been very lucky to have been part of some of the major advances in clinical practice, particularly in the treatment of trauma and major haemorrhage. Latterly, he has been part of the huge effort by the Devices Division to ensure there have been sufficient devices for the NHS during the pandemic, being particularly involved with CPAP devices and respiratory support equipment.

Speakers: Day 1



Dr Catherine Doherty
Consultant Paediatric
Anaesthetist, Royal
Manchester Children's
Hospital

Safe delivery of paediatric ENT surgery in the UK

Dr Catherine Doherty qualified in 1998 from Manchester Medical School. She has worked for two years in New Zealand and for six months in Uganda providing anaesthesia for a rural population looking after mainly children.

She completed her anaesthesia training in the North West region. During this seven-year training scheme she completed one year of paediatric anaesthesia at Royal Manchester Children's Hospital (RMCH) and a fellowship in paediatric anaesthesia at the Hospital for Sick Children, Toronto, Canada. Catherine was appointed as a consultant paediatric anaesthetist at RMCH in 2012. She provides anaesthesia for all children with a subspecialty interest in anaesthesia for paediatric ENT.



Dr Jonathan Allen
Consultant in
Anaesthesia and
Critical Care, The
Christie NHS
Foundation Trust

Cytoreductive surgery and Hyperthermic Intraperitoneal Chemotherapy (HIPEC)

Dr Jonathan Allen has worked as a consultant anaesthetist at The Christie Hospital since 2016 which is a specialist cancer hospital in Manchester.

Jonathan regularly anaesthetises for peritoneal malignancies, multi-visceral resections and paediatric anaesthesia for Proton beam therapy.

He has a specialist interest in perioperative medicine and Cardiopulmonary Exercise Testing (CPET).

Speakers: Day 2

CHAIR



Dr Fiona Donald
Vice-President,
Royal College of
Anaesthetists

Dr Fiona Donald qualified from Bristol University in 1985 and trained in anaesthetics in Bristol, the southwest, Oxford and Geneva from 1987–1997. Fiona was appointed as a consultant at Southmead Hospital in Bristol in 1997.

Fiona's main area of clinical and research interest is obstetric anaesthesia concentrating on improvements in safety through team training. She has long been involved in teaching and training anaesthetists and has held many roles in this area including chair of the Final FRCA. She was College tutor, education director and chair of the board for the Bristol School of Anaesthesia between 2000 and 2010 and became an FRCA examiner in 2009. She is also a member of the Finance and Resources Board and the Education, Training and Events Board at the College.

CHAIR



Dr Chun Yin Wat,
Associate Consultant,
Department of
Anaesthesiology
and Perioperative
Medicine, Hong Kong
Children's Hospital

Having completed the fellowship training for both Hong Kong and Australian Colleges of Anaesthesiologists, Dr Wat developed special interests in paediatric anaesthesia, paediatric cardiac anaesthesia and liver transplant surgery.

Dr Wat was also involved in the planning of hospital facilities and commissioning of the first Children's Hospital in Hong Kong.

Speakers: Day 2



Professor Michael Irwin
Chief of Service in Anaesthesia and Critical Care at Gleneagles Hospital, Hong Kong

Cancer and anaesthesia – pioneer of total intravenous anaesthesia (TIVA)

Professor Michael Irwin is past president of the Society of Anaesthetists of Hong Kong and of the Hong Kong College of Anaesthesiology, where he is also a member of the education and examination committees. Michael has published around 300 articles in peer reviewed scientific journals and is a regular invited journal reviewer. He is an editor of *Anaesthesia*, *Perioperative Medicine*, *Expert Opinion on Pharmacotherapy* and senior editor of the *Hong Kong Medical Journal*. He is on the Faculty of Evidence Based Perioperative Medicine (EBPOM) and was Chairman of the organising committee for the World Congress of Anaesthesia 2016.



Professor Karen Kirkby
Proton Therapy Research Lead, Manchester University

Proton Beam Therapy – physicist view

Professor Karen Kirkby is the research lead for proton therapy in Manchester bringing together the research effort at the University and The Christie. She leads the research group (Precise) which she formed in 2015. Precise have built a dedicated research facility in the Christie proton therapy centre, funded through the Christie Charity. She also leads the [EU project INSPIRE](#) which coordinates research in proton therapy across Europe.

Karen was one of the organisers of the highly successful PTCOG58 meeting and is currently organising Flash Radiotherapy and Particle Therapy (FRPT) which will be [held from 1–3 December 2021](#).

Karen has a research grant portfolio of over £15M from UKRI, EU, NIHR, CRUK and other charities and has over 200 papers in peer reviewed journals, including Nature. She also has a track record of working with industry and effective knowledge exchange. She has recently established a Framework Agreement with Varian.



Dr Lauren Oswald
Consultant
Anaesthetist, The
Christie NHS
Foundation Trust

Proton Beam Therapy – anaesthetist view

Dr Lauren Oswald is a consultant anaesthetist at The Christie NHS Foundation Trust where she specialises in anaesthesia for major oncological surgery and paediatric anaesthesia.

Her specialist non-clinical interests include medical education, quality improvement and patient safety.

CHAIR



Dr Gunjeet Dua
Consultant
Anaesthetist at Guy's
and St Thomas NHS
Foundation Trust

Dr Gunjeet Dua completed her anaesthetic training in the South Eastern School of Anaesthesia and is now a consultant anaesthetist at Guy's and St Thomas' NHS FT with a special interest in education and training.

Gunjeet has recently taken up the role as clinical content lead for web events at the College. She is currently the teaching lead for higher training for the South Eastern School of Anaesthesia, London and education lead for anaesthetics and perioperative medicine at Guy's and St Thomas' Hospitals.

She also developed and now actively leads the TAP Academy Practice Course for Postgraduate Nurses for King's College London. Her recent role was planning and leading multidisciplinary training for all anaesthetists and theatre staff at Guy's and St Thomas' Hospitals during the COVID-19 pandemic.

Speakers: Day 2



Professor Suellen Walker
Professor of Paediatric Anaesthesia and Pain Medicine, UCL GOS Institute of Child Health

Anaesthesia and the developing infant brain

Professor Suellen Walker's clinical academic post encompasses inpatient and outpatient pain management in children. She leads the Paediatric Pain Research Group at UCL GOS Institute of Child Health, with research interests including developmental analgesic efficacy and safety, the long-term impact of pain in early life, and neuropathic pain in children. Suellen was the 2012 RCoA Macintosh Professorship. She was a Foundation Diplomate of the Faculty of Pain Medicine, Australian and New Zealand College of Anaesthetists in 1999 and is an elected fellow, examiner, and educational supervisor for the Faculty of Pain Medicine.



Dr Judith Dinsmore
Consultant Anaesthetist, St George's Hospital, London

Anaesthesia and the injured brain, lessons for ischaemic stroke

Dr Judith Dinsmore has held various management roles and helped to develop the service for awake craniotomies and interventional neuroradiology including a 24/7 thrombectomy service. She is an examiner of the RCoA Final FRCA exam and for the Intercollegiate Specialty Board of Neurosurgery.

She is the immediate past president of Neuroanaesthesia and Critical Care Society and has represented the Society on several national working groups. She is a member of the working group producing consensus guidelines for the national thrombectomy service. She is on the Associate Editorial Board of the *British Journal of Anaesthesia* and *Journal of Neurosurgical Anesthesiology* and has published original articles, chapters and books on a variety of topics.

CHAIR



Professor Ellen O'Sullivan
Consultant Anaesthetist, St James's Hospital, Dublin

Professor Ellen O'Sullivan trained in anaesthesia in the UK, qualified in 1986 and has since spent 10 years as an NHS consultant at the University Hospital Aintree, Merseyside. Ellen is now a consultant in a busy Dublin hospital specialising in airway management and a full spectrum of elective and out of hours work. She has been involved with the Difficult Airway Society (DAS) since it's foundation and was elected president of DAS in November 2009. She was then appointed as Difficult Airway Society Professor of Anaesthesia and Airway Management in 2016.

Ellen is the immediate past president of the College of Anaesthesiologists of Ireland having held numerous posts including: chair of education and chair of examinations. She was elected to Council of the Association of Anaesthetists in 2001 and has held many posts including vice-president.



Professor Rupert Pearse
Professor of Intensive Care Medicine, Queen Mary University of London and Barts Health NHS Trust

Breaking news: results of the PRISM trial

Professor Rupert Pearse graduated in 1996 from St George's Hospital Medical School, London, UK. After time working in general medicine and anaesthesia, he returned to St George's Hospital where he developed many of his current research interests and completed his training in intensive care medicine.

In 2006, he was appointed senior lecturer in intensive care medicine at Queen Mary University of London and was promoted to professor in 2014. He has now given up anaesthesia to concentrate on his clinical duties on the intensive care unit at The Royal London Hospital and his research into improving patient outcomes following major surgery. Rupert has played a leading role in a number of large multi-centre studies including PRISM, OPTIMISE II and EPOCH.

Speakers: Day 2



Dr Clifford Shelton
Consultant
Anaesthetist,
Wythenshawe Hospital

Workshop: simulation and COVID

Dr Cliff Shelton is a consultant anaesthetist at Wythenshawe Hospital and director of simulation and clinical skills at Lancaster Medical School.

During the first wave of the COVID-19 pandemic he acted as departmental lead for simulation, with responsibilities including staff training and evaluation of standard operating procedures and equipment. His clinical interests include anaesthesia for hip fracture surgery, obstetric anaesthesia, sustainable healthcare, and resuscitation.



Dr Zoe Parry
Consultant
Anaesthetist,
Wythenshawe Hospital

Workshop: simulation and COVID

Dr Zoe Parry is a consultant anaesthetist and the departmental lead for simulation at Wythenshawe Hospital.

During the COVID-19 pandemic she applied simulation in developing standard operating procedures and training colleagues in their application, with a particular focus on the obstetric setting. Her clinical interests include regional, obstetric and paediatric anaesthesia.



Dr Nicole Greenshields
Anaesthetic Registrar,
University College
London Hospitals

Workshop: trainees with an Interest in Perioperative Medicine (TRIPOM) – prehabilitation and perioperative medicine

Dr Nicole Greenshields completed her undergraduate degree at St George's, University of London and has stayed in London for her anaesthetic training. Her particular interests are perioperative medicine, obstetric anaesthesia and teaching.

After finishing her intermediate registrar years, she has taken a year out of training to do the perioperative medicine fellowship at University College London Hospitals. During this year she hopes to complete her masters in perioperative medicine at University College London.

She is also co-events lead for TRIPOM and a partner of EBPOM (Evidence Based Perioperative Medicine).



Dr Samantha Moore
ST3 Anaesthetic
Trainee, North West

Workshop: trainees with an Interest in Perioperative Medicine (TRIPOM) – prehabilitation and perioperative medicine

Dr Sam Moore is an ST3 anaesthetic trainee and expedition medic based in the North West.

Her research interests are in prehabilitation of the high-risk surgical patient and human physiology in extreme environments including high altitude and microgravity. She holds the UIAA diploma in Mountain Medicine.

Sam is the co-events lead for TRIPOM.

Speakers: Day 2



Dr Roopa McCrossan
Consultant
Anaesthetist, Northern
School of Anaesthesia
and Intensive Care

Workshop: wellness and anaesthesia

Dr Roopa McCrossan is an consultant anaesthetist based in the North East of England. She has trained LTFT since 2009 and is national LTFT training lead for the Association of Anaesthetists' Trainee Committee. This involves working closely with the RCoA Bernard Johnson Adviser for LTFT training.

Roopa was a regional LTFT training representative before taking on a national role and has led on resolving numerous issues locally for the Northern School of Anaesthesia's trainees. She is a co-author of the A to Z of LTFT training in anaesthesia and ICM and jointly with the RCoA, organised the recent LTFT Matters seminar.



Surg Cpt Steve Bree
Defence Consultant
Adviser (Anaesthesia)
and Surgeon Captain,
Royal Navy

Workshop: lessons from military anaesthesia

Surgeon Captain Steve Bree is currently head of defence anaesthesia and a consultant anaesthetist in the Royal Navy, based at Derriford Hospital, Plymouth.

Steve's clinical interests include vascular and paediatric anaesthesia as well as developing rapidly deploying mobile surgical teams for the military. He is also appointed HM The Queen's Honorary Physician.



Dr Nancy Redfern
Consultant
Anaesthetist,
Newcastle Hospitals

Workshop: wellness and anaesthesia

Dr Nancy Redfern is a consultant anaesthetist in Newcastle upon Tyne, with interests in obstetric and neuro-anaesthesia. Her long-term interests include mentorship, education, workforce, and doctors' wellbeing. She has worked for 15 years in the Northern Deanery first as associate dean for less than full-time training and later as specialty dean director, supporting head of schools to manage and develop our 56 different specialties. She then returned to her own specialty as a council member and latterly vice-president of the Association of Anaesthetists. She co-chairs the National Joint Fatigue Working Group.



Dr Kirsty MacLennan
Consultant Obstetric
Anaesthetist, St Mary's
Hospital, Manchester

Workshop: obstetrics and anaesthesia

Dr Kirsty MacLennan graduated from the University of Birmingham. She completed MRCP as a medicine trainee prior to anaesthesia training.

Kirsty is now a consultant anaesthetist with specialist interest in head, neck and obstetric anaesthesia at Manchester University Foundation trust (MFT). She is active in medical education and simulation, having published a number of anaesthesia books, including *Core Topics in Obstetric Anaesthesia* and an obstetric simulation manual, *Decision making and Simulation in Obstetrics*, Cambridge University Press.

She is an anaesthetic clinical adviser for the Healthcare Safety Investigation Branch, Obstetric Anaesthetists' Association council member, chair of the simulation faculty and member of the MFT Human Factor Academy.

Speakers: Day 2



Dr Kailash Bhatia
Consultant in
Anaesthesia and
Perioperative
Medicine, Manchester
University NHS
Foundation Trust

Workshop: obstetrics and anaesthesia

Dr Kailash Bhatia has been working as a consultant anaesthetist since 2012 at Manchester University NHS Hospitals, Manchester.

Kailash's main interests include obstetric, regional, transplant and ophthalmic anaesthesia. He is the preoperative lead for ophthalmic anaesthesia at Manchester Royal Eye Hospital and is also a council member of the UK Maternal Cardiology Society. He is a reviewer for the *International Journal of Obstetric Anaesthesia*.

Dr Emma Shawkat
Consultant
Obstetrician,
Manchester University
NHS Foundation Trust

Workshop: obstetrics and anaesthesia

Dr Emma Shawkat qualified in 2006 at Manchester University. She was awarded MD in January 2020 with her thesis on ambulatory blood pressure monitoring in hypertensive pregnancies.

In January 2021 she completed her subspecialty training in fetal and maternal medicine.

In February 2021 she started a consultant post at St Mary's and also obtained PGCert Med Ed from Edge Hill.

Emma is currently working in the maternal medicine clinic and velocity clinic (women with pre-existing diabetes) and scanning in the fetal medicine unit, Manchester University NHS Foundation Trust.

CHAIR



Professor Hugh Hemmings
Professor of
Anesthesiology, Weill
Cornell Medicine

Professor Hugh Hemmings is the Joseph F Artusio Jr Professor and Chair of Anesthesiology, Professor of Pharmacology, and Senior Associate Dean for Research at Weill Cornell Medicine, and Anesthesiologist-in-Chief at NewYork-Presbyterian Hospital/Weill Cornell Medical Center.

Hugh earned a BS in biochemistry from Yale College, a PhD in pharmacology from Yale Graduate School, and an MD from Yale Medical School. His graduate work in the laboratory of Paul Greengard, PhD was cited in his 2000 Nobel Prize in Physiology and Medicine. He completed postdoctoral work at The Rockefeller University, a residency in anaesthesia at the Massachusetts General Hospital, and a fellowship in cardiac anaesthesia at NewYork-Presbyterian Hospital/Weill Cornell Medical Center, where he has been a faculty member for more than 25 years.



Professor Gareth Ackland
Professor of
Perioperative
Medicine, William
Harvey Research
Institute, Barts and
The London School of
Medicine

Hypotension and perioperative outcomes: marker or mediator?

Professor Gareth Ackland holds a NIHR Advanced Fellowship (2020–2025). He graduated from St John's College, Oxford University Medical School and completed clinical training in general medicine, anaesthesiology and critical care in London and Stanford University Medical Center, USA. Post-CCT, he completed an Academy of Medical Sciences/Health Foundation clinician scientist intermediate research training fellowship award at UCL. He was appointed as Senior Lecturer at William Harvey Research Institute and Royal London Hospital in 2015, where his clinical practice centres on providing anaesthesia for major elective, transplant and trauma surgery.

Speakers: Day 2



Professor Michelle Chew
Professor in Anaesthesiology, Intensive Care and Acute Care at Linköping University Hospital, Sweden

Protecting the heart during anaesthesia and surgery: Fighting for better outcomes long after the OR

Professor Michelle Chew's research interests revolve around the heart in the high-risk patient, perioperatively and during critical illness. Additional research focuses on perioperative outcomes.

Michelle is an executive member of the Swedish Perioperative Registry, the Scandinavian Clinical Practice Guidelines Committee and faculty member for the European Diploma of Advanced Echocardiography for the European Society of Intensive Care Medicine (ESICM).



Professor Robert Sneyd
Emeritus Professor, University of Plymouth

Anaesthetic strategies to minimise hypotension

Professor Robert Sneyd was brought up in Cornwall and one of his first jobs (1975) was as a nursing auxiliary in Devonport Hospital, Plymouth – now long since demolished! He graduated from Cambridge University in 1981 and continued his medical training in London. Halfway through he undertook a research degree and then spent a period working full time in the pharmaceutical industry before returning to work in the NHS.

After completing his UK anaesthetic training, he worked at the University of Michigan Medical School at Ann Arbor, USA. In 1993, he returned to the South West as a consultant anaesthetist and after a few years moved to the University as reader in anaesthesia and then professor.

Speakers: Day 3

CHAIR



Dr Helgi Johannsson
Consultant
Anaesthetist, Imperial
College Healthcare
NHS Trust, London

During Dr Helgi Johannsson's ten years as a consultant and six years as clinical director, much has changed in the anaesthetic practice and in the NHS. Through coverage in the media anaesthesia is now better understood by the public, and significant credit should go to the College for their engagement with patients, the public, and particularly their support for junior doctors in recent years.

Helgi has had a keen interest in training and remains an educational supervisor despite holding a clinical director role. When interviewing for core training posts he has been constantly impressed by the calibre of candidates being recruited into anaesthesia.



Mr Andy Collen
Consultant Paramedic,
South East Coast
Ambulance Service
NHS Foundation Trust

HSIB – The Health Services Investigation Bureau

Mr Andy Collen is a former National Investigator, having recently finished a two-year secondment to HSIB from a regional ambulance trust where he is a consultant paramedic.

Andy has an interest in patient safety and supporting staff involved in incidents.

Speakers: Day 3



Mr Stephen Drage
Director or
Investigations,
Healthcare Safety
Investigation Branch
(HSIB)

HSIB – The Health Services Investigation Bureau

Stephen joined the Healthcare Safety Investigation Branch in April 2019 to lead the HSIB Investigation Directorate after 14 years as a consultant in anaesthetics and intensive care medicine. Prior to joining HSIB, Stephen was the deputy medical director for a large NHS trust on the south coast. In this role his portfolio included oversight and development of the serious incident investigation process.

Stephen continues to practise as an intensive care consultant and returned to clinical work during the peak of the COVID-19 pandemic. He has varied professional interests including improving care of deteriorating patients, sepsis, acute respiratory failure and organ donation.



Dr David Bogod
Chair, Ethics
Committee,
Royal College of
Anaesthetists

Inside the Ethics Committee

Dr David Bogod is a recently retired obstetric anaesthetist from Nottingham. He has served as president of the Obstetric Anaesthetists Association, vice-president of the Association of Anaesthetists, editor-in-chief of anaesthesia, and vice-president of the Society for Ethics and Law in Medicine. He was a Council member of the RCoA, and now chairs their newly-formed Ethics Committee.

David has an extensive medico-legal practice, having provided over 800 reports in relation to claims of anaesthetic negligence over the last 23 years in the UK, Australia and Hong Kong. During this time he has also served as a deputy coroner and has reported in criminal cases, inquests and external enquiries for NHS trusts. He now lectures widely on safety, the anatomy of anaesthetic disasters, and medical litigation.



Professor Deborah Bowman
Professor of Bioethics,
Clinical Ethics and
Medical Law, St
George's, University of
London

Inside the Ethics Committee

Professor Deborah Bowman's academic interests concern the role of emotion in ethical decision-making, moral distress, public involvement in ethical debate and therapeutic relationships. Deborah has written and published extensively, both in the academic and popular press. She has worked with a range of national organisations and she has participated in many international projects. She currently serves as a non-executive director for the Human Tissue Authority and SW London and St George's Mental Health Trust.

Deborah has served on many clinical ethics committees; she currently chairs two specialist clinical ethics committees and is a member of two national clinical ethics committees.



Professor Kate McCombe
Consultant
Anaesthetist
and Adjunct
Associate Professor,
Mohammed Bin
Rashid University of
Healthcare Sciences,
Dubai

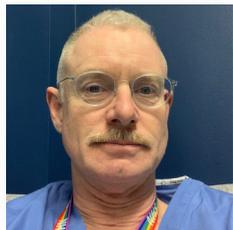
Inside the Ethics Committee

Professor Kate McCombe graduated from St George's Hospital Medical School, London in 2000 and, after brief forays into the worlds of medicine and psychiatry, trained in anaesthesia in London and Wessex. In 2012, she completed a Masters' degree in Medical Ethics and Law at Keele University and started work as a consultant at Frimley Park Hospital, Surrey.

She has published various articles and chapter on ethico-legal issues and co-authored two text-books for the FRCA exam. She was honorary secretary for the Society for Ethics and Law in Medicine and now is a member of the RCoA's Ethics Committee.

In 2016, in search of sun, sea and new adventures she moved to Dubai where she teaches medical ethics and anaesthesia to the medical students.

Speakers: Day 3



Dr Andrew Hartle
Consultant
Anaesthetist, St Mary's
Hospital, London

Inside the Ethics Committee

Dr Andrew Hartle works at St Mary's Hospital, Paddington. His anaesthesia is mostly trauma-related (neuro, plastics, ortho) but he's previously done intensive care and obstetrics. He was divisional director of clinical governance and is currently a freedom to speak up guardian and co-chair of the Staff LGBT+ Network.

He was president of the Association of Anaesthetists, president of the Anaesthetic Section of the Royal Society of Medicine, and is currently president of the Tri-Service Anaesthetic Society and honorary consultant adviser to the Royal Air Force.

Andrew's been part of the ethics on-call team at Imperial College Healthcare during COVID, and was previously chair of the Clinical Ethics Committee.

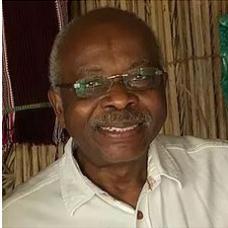


Susanna Stanford
Patient Safety
Advocate

Inside the Ethics Committee

Following experience of a spinal anaesthetic failing during a c-section in 2010, Susanna Stanford became interested in patient safety. She spoke about her experience at the Obstetric Anaesthetists' Association (OAA) Annual Conference in 2015 and subsequently co-authored a paper on her experience and the importance of non technical skills for the *International Journal of Obstetric Anaesthesia* in 2016.

Susanna has been a member of the OAA's working party developing guidance on the testing of neuraxial blocks and management of block failure. This is guidance Susanna campaigned for since she first became involved.



Mr David Sellu
Honorary Consultant
Surgeon, St Mark's
Hospital, London

Patient safety, the law and regulation

Mr David Sellu was a surgeon with a distinguished record extending over 40 years.

In 2010, a patient died under his care in a private hospital. There followed a sequence of extraordinary events that led to David being prosecuted and convicted for the patient's death and sent to prison. His licence to practise medicine was suspended, his career cut short. Events that took place later showed that this was an unfair trial with tinges of racism, and he won an appeal against his conviction and is now a free man.

CHAIR



Professor Ramani Moonesinghe OBE
Director, NIAA Health
Services Research
Centre, Royal College
of Anaesthetists

Professor Ramani Moonesinghe is Professor of Perioperative Medicine at UCL and Director of the NIHR funded UCL/UCLH Surgical Outcomes Research Centre.

Ramani has been a Board Member of the National Institute of Academic Anaesthesia (NIAA) since 2009 and was a Council Member of the College from 2008–2012.

Ramani's academic interest is health services and improvement research in perioperative medicine, in particular, risk stratification and outcome measurement. For the HSRC she has led SNAPs 1 and 2, Perioperative Quality Improvement Programme (PQIP), the Children's Acute Surgical Abdomen Programme (CASAP), and is a member of the National Emergency Laparotomy Audit (NELA) team.

John Snow Oration

This lectureship is awarded by the College on behalf of the NIAA HSRC and delivered at an appropriate national meeting. The orations are awarded to established senior clinicians (including non-anaesthetists), academic experts, policy makers or pioneers in the field who have made a significant contribution to advancing the field of health services research in relation to anaesthesia, perioperative medicine, pain, or critical care medicine. Academic nominees would normally be senior post holders at professorial level with an international reputation in health services research.



Professor Bruce Biccard
Professor and Second Chair, Groote Schuur
Hospital and University of Cape Town

How to save a mother, in low and middle income countries

Professor Bruce Biccard is Professor and Second Chair in the Department of Anaesthesia and Perioperative Medicine at Groote Schuur Hospital and the University of Cape Town, South Africa.

His research interests include perioperative medicine, perioperative outcomes and global surgery. He is a proponent of international collaborative research. He collaborates with the African Surgical Outcomes (ASOS) network and is the principle investigator for the ASOS-2 Trial, a 650 hospital cluster randomised trial of the efficacy of increased postoperative surveillance.



Professor Kathryn Maitland
Professor of Tropical Paediatric Infectious
Diseases, Imperial College, London

My life in Global Health

Over the last 20 years Professor Kathryn Maitland has been based full-time in Kenya leading a research group that has highlighted the unique importance of emergency-care research as a highly targeted and cost-effective means of tackling childhood mortality in resource-limited sub-Saharan Africa hospitals.

Her most notable work, as the principal investigator, was the landmark fluid resuscitation trial – the largest and only controlled trial ever undertaken (FEAST trial). Her team recently completed the TRACT trial which tested two transfusion strategies in nearly 4,000 African children that aimed to reduce deaths and illness in those hospitalised with severe anaemia. Both trial papers were published in the *New England Journal of Medicine* on 1 August 2019 and are likely to lead to significant refinements to the World Health Organization transfusion guideline.

Her team is currently the COAST trial (Children Oxygenation Administration Strategies Trial) which is examining the optimum oxygen saturation threshold for which oxygen should be targeted and how best to administer oxygen in 4,200 children in five centres in Uganda and Kenya.

Speakers: Day 3



Dr Jasmeet Soar
Clinical Lead, RCoA
7th National Audit
Project

Perioperative cardiac arrest – launch of the 7th National Audit Project

Dr Jasmeet Soar is the Clinical Lead for NAP7 and works as a consultant in anaesthesia and intensive care medicine at Southmead Hospital, North Bristol NHS Trust.

He is past chair of the Resuscitation Council UK, the current chair of the International Liaison Committee on Resuscitation ALS Task Force, chair of the European Resuscitation Council ALS Science Committee and an editor for the journal *Resuscitation*.

He is looking forward to working with all anaesthetists in the UK to improve our understanding of perioperative cardiac arrest, and help improve patient care and outcomes.

nationalauditprojects.org.uk/NAP7-Home



Professor Niels Peek
Professor of Health
Informatics and
Strategic Research
Domain Director
for Digital Health,
University of
Manchester

Data science and artificial intelligence for better healthcare

Professor Niels Peek's research focuses on data-driven methods for health research, clinical decision making, and healthcare quality improvement.

In April 2017, he organised the Informatics for Health 2017 conference in Manchester which was attended by more than 800 people from 30 countries. From 2013 to 2017 he was president of the Society for Artificial Intelligence in Medicine. He is a fellow of the American College of Medical Informatics and a fellow of the Alan Turing Institute.



Dr Alexander Casson
Reader in the
Materials, Devices
and Systems
Division, Department
of Electrical
and Electronic
Engineering, University
of Manchester

Wearable tech

Dr Alex Casson's research focuses on wearables for human body sensing in out-of-the-lab, artefact rich, power constrained situations. Typical applications are in brainwave monitoring, transcranial stimulation for neuromodulation, and cardiac monitoring. He also has extensive expertise in low power sensor nodes with onboard real-time signal processing, particularly wearable sensors for human monitoring where signal processing is used to decrease power consumption for energy harvester powered systems.

Dr Casson gained his undergraduate degree from Lincoln College, University of Oxford in 2006 where he read Engineering Science specialising in Electronic Engineering (MEng).

CHAIR



Dr Claire Mallinson
Consultant
Anaesthetist, Guy's
and St Thomas'
Hospital NHS Trust,
London

Dr Claire Mallinson is a consultant anaesthetist specialising in paediatric scoliosis. She was College tutor for three years until 2005, programme director in 2007 and then medical director of education. Her national roles that she participates in include: Chair, Association of Anaesthetists' Group of Anaesthetists in Training (1997), Chair, National Association of Clinical Tutors (2012–2015), co-founder of the UK Delivering Excellence in Medical Education Conference and member of the Academy of Royal Colleges committees on Safe Prescribing and the Temple Report.

Claire is incredibly ambitious for Junior colleagues, and created Clinical, Leadership and Educational Fellowship programmes. She recognises the need for clinicians to have a voice in the future.

Speakers: Day 3



Dr Michael Devlin
Head of Professional Standards and Liaison, Medical Defence Union (MDU)

Debate: this house believes doctors tackling COVID-19 be immune from negligence liability claims (FOR)

Dr Mike Devlin has been a medico-legal adviser for over 15 years, latterly as Head of Advisory Services. He is the MDU's Responsible Officer.

Mike is vice-president (medico-legal) of the Faculty of Forensic and Legal Medicine and was a member of its Academic Committee and was an examiner for the Membership of the Faculty of Forensic and Legal Medicine until 2014. He is an international editorial board member of the *Journal of Forensic and Legal Medicine* and was treasurer of the Faculty of Forensic and Legal Medicine from 2011–2015. He has had published many articles on medico-legal matters in various medical journals and papers in UK and Ireland as well as a book chapter.



Dr Craig Purshouse
Lecturer in Law, University of Leeds

Debate: this house believes doctors tackling COVID-19 be immune from negligence liability claims (AGAINST)

Dr Craig Purshouse is a Lecturer in Law at the University of Leeds. From June 2021, he will be a Senior Lecturer in Law at the University of Liverpool.

Craig has published widely on healthcare law and sits on the editorial board of the *Medical Law Review*.

Poster displays

Posters displayed at Anaesthesia 2021 are for the following:

A quality improvement or research project using PQIP data and/or that addresses one of PQIP's top five priorities for 2019–2020:

- preoperative assessment
- diabetes management
- communication and multidisciplinary working
- individualised pain management
- enhanced recovery (including Drinking, Eating and Mobilising – DrEaMing).

A project which focused on changing perioperative care services or pathways in light of the COVID-19 pandemic.

Please visit the explore and poster area to view posters and speak to the authors.

Poster number	Poster title	Corresponding author
1	ICU Audit – Improving Communication Within the Multidisciplinary Team (MDT)	Dr Anuja Chalisehazar
2	Assess and Improve Quality of Anaesthetic Care Through Provision of Departmental and Anaesthetist Specific Feedback	Dr Avinash Aswath
3	Establishing Digital Literacy Levels in The Pre-Operative Cohort in Relation to Mobile Health (Mhealth) And the Future Implementation of an Application (App) for Pre-Operative Patients	Dr Chloe Short
4	Using Local PQIP Data in The Development of A Regional Bowel Cancer Quality Improvement Programme	Dr Caroline Thomas
5	Individualised Pain Management for Patients Undergoing Elective Laparoscopic Colorectal Surgery	Dr Daniel Paul

Poster number	Poster title	Corresponding author
6	The BRAINS Bundle: A New Pre-Operative Risk Assessment Tool and Intra-Operative Bundle To Help Prevent Postoperative Delirium	Dr Dipayan Choudhuri
7	The Hips Don't Lie: Improving Trauma List Efficiency During COVID-19	Dr Elizabeth Wooffinden
8	Preoperative Assessment Pathway for Elective Non-Cardiac Surgery In Patients With History of a Positive SARS Cov-19 Swab	Dr Feby Korandiarkunnel Paul
9	Restrictive Deferred Fluid Administration in Open Radical Cystectomy	Dr Galvin Gan
10	Development of virtual surgery School due to COVID-19 and its positive impact on patient experience and lifestyle changes	Dr Grace Elton
11	Improving the Multidisciplinary Team Management of Airway & Medical Emergencies in the New Emergency Stroke Unit at The National Hospital for Neurology and Neurosurgery	Dr Helen Rehill
12	Local Anaesthetics: Does anybody have a clue? A snapshot survey of knowledge of theatre staff	Dr Huw Griffiths
13	Improving Perioperative Pain Relief in Patients With Fracture Next of Femur - Understanding the Limitations to Place a FICB Catheter for Continuous Pain Relief	Dr Ioana Sintie
14	QI Project: Short Acting Spinal Anaesthesia Improves Patient & Enhanced Recovery Outcomes, Patient/Staff Satisfaction and Same-Day Discharge Rates In Urological, Gynaecological & Non-Delivery Obstetrics and General Surgical Procedures	Dr Janie Yiu
15	Virtual Surgery School	Dr John Moore

Poster number	Poster title	Corresponding author
16	Does Good Preoperative Assessment Improve Efficiency in Theatres	Dr Jos Kirkman
17	Are Patients Getting Enhanced Recovery for Elective Caesarean Sections as per the Local Protocol	Dr Chris Harrison
18	An Analysis of The Effect of the COVID-19 Lockdown Upon the Objectively Measured Cardiorespiratory Fitness of the Non-Cardiopulmonary Surgical Population of Sheffield	Dr Karen Kerr
19	Is this going to hurt? -Preoperative Assessment for Individualised Pain Management	Dr Krisztina Kenesey
20	To Identify Learning Needs of The Junior Doctors in The Anaesthetic and ITU Department at YGC With Regards to The Difficult Airway Procedure And Introducing A Learning Activity To Improve Any Needs That Are Identified	Dr Lakhbir Kaur
21	Evaluating the Adherence to Pre-Assessment PROTOCOLS for A NEW Enhanced Perioperative Care Unit in A Tertiary Centre During Covid-19	Dr Lewis Davies
22	Keeping going! Over 10,000 Elective Operations During A Pandemic	Dr Leonie English
23	Post-Operative Analgesia as Part of ERAS for Major Laparoscopic Bowel Surgery At The Freeman Hospital	Dr Madeleine Gray
24	Obstetric Anaesthetic Survey During COVID-19 at a DGH	Dr Mariam Saghir
25	Gynaecology - Oncology Pre-Operative Anaemia Assessment and Treatment; A Quality Improvement Project	Dr Matthew Cadd

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27	Get Set 4 Surgery: The Impact of Prehabilitation on Surgical Patients	Naomi Ehigie
28	Using Rectus Sheath Catheter Analgesia Post Elective Gynae-Oncology Laparotomies to Reduce Need for Post-Operative Level 2 Care in The Era Of COVID-19	Dr Naomi Gostelow
29	Improvement in Assessment of Frail Elderly Patients	Dr Rachel Awan
30	What's in a name?	Dr Rachel Moloney
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33	Gold Patient in Trauma Theatre	Dr Hannah Saitch
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35	Preserving a Perioperative Anaemia Service During the COVID-19 Pandemic	Dr Robert Bond
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37	Gaining Insights from Patients Who Died Following Emergency Laparotomy: Using Mortality Data to Inform a New Peri-Operative Pathway	Dr Sarah Dawson

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48	Assessing Junior Doctor Confidence in Emergency Scenarios Following a Multi-Disciplinary Simulation Within a Theatre Environment	Dr Vivek Vaidya

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50	Compliance with fasting guidelines in paediatric patients undergoing elective surgeries	Dr Manpreet Singh
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We will have live sessions to drop into during the breaks to hear latest updates and new guidance.

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