

Anaesthesia Research 2022

22–23 November 2022



Venue: [Malmaison York, 2 Rougier Street, YO90 1UU](#)

Registration: £145 for one day/£220 for both days (discounted rates available)

Clinical Content Leads: Dr Ben Shelley, Glasgow & Professor Mike Grocott, Southampton

Join us in York this November as we bring together the following groups to highlight anaesthetic, perioperative and health services research:

- National Institute of Academic Anaesthesia (NIAA)
- Anaesthetic Research Society (ARS)
- *Anaesthesia*
- Association of Anaesthetists
- *British Journal of Anaesthesia* (BJA)
- Health Services Research Centre (HSRC)
- Research & Audit Federation of Trainees (RAFT)
- Royal College of Anaesthetists (RCOA)
- UK Perioperative Medicine Clinical Trials Network (POMCTN)

Join us in-person for Anaesthesia Research 2022, live in York

Across two days Anaesthesia Research 2022 will deliver speakers and topics that showcase the best of anaesthetic, perioperative, health services research, with opportunities to network and connect with colleagues face-to-face

Anaesthesia Research 2022

Tuesday 22 November 2022

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| 09:45–10:00 | Refreshments & registration | |
| 10:00–10:10 | Welcome and introduction | Professor Mike Grocott Dr Simon Howell |
| Association of Anaesthetists and Anaesthesia session | | |
| 10:10–10:30 | Equity & Diversity in Research and Publishing | Dr Seema Agarwal / Dr Kariem El-Boghdady |
| 10:30–10:50 | Listening and Learning from Patients | Dr Helen Laycock Ms Jenny Dorey, Mr John Hitchman |
| 10:50–11:10 | Consensus on Equitable Authorship in LMIC | Dr Ben Morton |
| 11:10–11:20 | Q&A session | |
| Research & Audit Federation of Trainees (RAFT) session | | |
| 11:20–11:35 | RAFT update | Dr Martha Belete Dr Kathleen Wolff |
| 11:35–11:50 | Patient Reported Outcomes, Postoperative Pain and Pain relief in day case surgery (POPPY) | Dr Will Hare |
| 11:50–12:10 | Refreshment break | |
| Joint Anaesthesia Research Society (ARS) & Perioperative Medicine Clinical Trials Network (POMCTN) Session | | |
| 12:10–12:40 | The 'IDEAL' approach for perioperative research? | Professor Peter McCulloch |
| 12:40–12:55 | Non-invasive bilateral auricular nerve stimulation reduces perioperative pain through autonomic neuromodulation in patients undergoing orthopaedic trauma surgery | Dr Amour Patel |
| 12:55–13:10 | Getting Involved in perioperative trials: Quick fire updates – VITAL, CAMELOT, SINFONIA | Dr Joyce Yeung |
| 13:10–13:40 | Me and Melatonin: 25 Years of Research | Professor Helen Galley |
| 13:40–14:40 | Break for lunch | |
| Joint Anaesthesia Research Society (ARS) & Perioperative Medicine Clinical Trials Network (CTN) Sessions | | |
| 14:40–15:10 | Do Anaesthetic Gases Really Contribute to Climate Change? | Dame Julia Slingo |

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| 15:10-15:25 | New Proposal: Penicillin Allergy delabelling in Surgical preassessment Tools – PASSPORT-1 | Dr Louise Savic |
| 15:25-15:40 | New Proposal: PeriOperative Tobacco-cEssation in patients undergoing vascular or CardioThoracic surgery – PROTECTOR Trial | Dr Ronelle Mouton |
| 15:40-15:55 | Feasibility of Right Ventricular Free Wall Longitudinal Strain Assessment of Contractile Reserve in Patients Undergoing Lung Resection | Dr James McErlane |
| 15:55-16:10 | Two-dimensional modelling of tracheostomy Above Cuff Vocalisation (ACV) using Computational Fluid Dynamics | Dr Mark Brown |
| 16:10–16:30 | Refreshment break | |
| Joint Anaesthesia Research Society (ARS) & Perioperative Medicine Clinical Trials Network (CTN) Session | | |
| 16:30-17:00 | Global Health Research in Perioperative and Critical Care | Professor Rupert Pearce |
| 17:00-17:15 | Incidence and Risk Factors of Postoperative Cardiac Complications: An International Prospective Cohort Study | Mr Sivesh Kamarajah |
| 17:15-17:30 | Long-term healthcare use after postoperative complications: A prospective analysis of linked primary and secondary care routine data | Dr Alex Fowler |
| 17:30-17:45 | POMCTN adopted trial: The Impact of Restrictive versus Liberal Transfusion strategy on cardiac injury in patients undergoing surgery for hip fracture – RESULT HIP | Professor Mike Gillies / Dr Rhona Sinclair |
| 17:45-18:00 | New proposal: Tranexamic acid post neck of femur | Dr Brendan Haughey, Mr Owen Diamond |
| 18:00-18:30 | How Can Research Change a City | Professor John Wright |
| 18:30 | End of day remarks | |

Programme subject to change

Anaesthesia Research 2022

Wednesday 23 November 2022

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| 08:45– 09:00 | Refreshments | |
| 09:00– 09:05 | Opening remarks | |
| NIAA Research Award session | | |
| 09:05 | Session introduction | Professor Fang Gao |
| 09:10 | Tracking intra-tidal pulmonary blood volume redistribution in a porcine model of the acute respiratory distress syndrome | Dr John Cronin |
| 09:30 | Supplemental oxygen therapy in anaesthesia and intensive care and its effect on oxidative stress during major surgery | Dr Andrew Cumpstey |
| 09:50 | The role of systems engineering in facilitating data-intensive perioperative improvement: capturing and understanding causal interactions | Dr Daniel Stubbs |
| 10:10– 10:30 | Refreshment break | |
| Health Services Research Centre (HSRC) session | | |
| 10:30– 10:50 | The Children's Acute Surgical Abdomen Programme (CASAP): What have we learnt so far? | Dr Amaki Sogbodjor |
| 10:50– 11:10 | Perioperative Quality Improvement Programme (PQIP) | Dr Martha Belete |
| 11:10– 11:30 | Early post-operative death after emergency laparotomy: inevitable or a failure to recognise futility? | Ms Hannah Javanmard-Emamghissi |
| 11:30– 11:50 | Q&A session | |
| 11:50– 12:25 | Gold Nanoparticles in Modern Medicine | Dr Sunjie Ye |
| 12:25– 13:25 | Break for lunch | |
| Joint Anaesthesia Research Society (ARS) & Perioperative Medicine Clinical Trials Network (POMCTN) Session | | |
| 13:25– 13:55 | Torpor: When the Going Gets Tough, the Smart Give Up | Professor Tony Pickering |

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| 13:55-14:10 | New proposal: Perioperative Research Platform trial | Dr Tom Abbott |
| 14:10-14:25 | POMCTN adopted trial: Personalised genomic medicine to guide labour analgesia – EPIFEVER 2 | Professor Gareth Ackland |
| 14:25-14:40 | Investigating candidate modifier loci in malignant hyperthermia susceptibility using CRISPR/Cas gene editing | Mr Rohan Parajpe |
| 14:40-14:55 | Melatonin and sleep parameters in patients with chronic pain: first results from the DREAM-CP trial | Prof Helen Galley |
| 14:55-15:30 | 'My Life in Research' | Professor David Menon |
| 15:30- | Award presentations and closing remarks | |
| 15:45 | End of Conference | |

Programme subject to change