

Anaesthesia Research 2019

2–3 December 2019



Venue: The Principal Hotel, York

Registration: £175 for both days (£130 for registered anaesthetists in training)

Clinical Content Lead: Dr Simon Howell, Leeds

Discover the latest research into the future of anaesthesia at Anaesthesia Research 2019. Over two days in December we will bring together the following groups under one roof to highlight the breakthroughs that will change what we know, and help you deliver new efficiencies in your practice:

- National Institute for Academic Anaesthesia (NIAA)
- Anaesthetic Research Society (ARS)
- Health Services Research Centre (HSRC)
- UK Perioperative Medicine Clinical Network Trials (POMCTN)

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Anaesthesia Research 2019

Monday, 2 December 2019

09.00-09.25	Registration and refreshments	
09.25-09.30	Welcome and introduction	Dr Simon Howell, Leeds, and Professor Mike Grocott, Southampton
09.30-10.00	Determining the value of healthcare interventions	Professor Mark Sculpher, University of York Centre for Health Economics
HSRC sponsored session:		
10.00-10.30	Beyond the numbers: The power of qualitative research	Dr Cecilia Vindrola, University College London
10.30-11.00	Can we measure improvement?	Richard Wilson, NHS England Improvement Analytics
11.00-11.15	Q&A panel	
11.15-11.45	Refreshments	
Joint session ARS/POMCTN: Focus on research methodology		
11.45-12.00	Research and Audit Federation of Trainees national project 3: Drug Allergy Labels in Elective Surgical Patients (DALES): Innovative approaches to data collection and methodology	Dr Caroline Thomas
12.00-12.15	Drug Allergy Labels in Elective Surgical Patients (DALES): What do patients and their anaesthetists think about penicillin allergy labels?	Dr Louise Savic
12.15-12.30	Consent in emergency surgery: Lessons from FLO-ELA	Dr Mark Edwards
12.30-12.45	Optimising recruitment in randomised controlled trials in perioperative medicine: Lessons from the Quintet Recruitment Intervention in TOPIC2	Dr Caroline Wilson
12.45-13.00	Co-creation with patient partners: Lessons from OSIRIS	Professor Rupert Pearce
13.00-14.00	Lunch	

Joint session ARS/POMCTN		
14.00-14.15	POMCTN adopted trials: Update on recruitment	Dr Joyce Yeung
14.15-14.30	Restrictive vs liberal transfusion strategy in patients undergoing surgery for fractured neck of femur: A feasibility study	Dr Mike Gillies
14.30-14.45	POMCTN led trials: Update on progress	Professor Rupert Pearce
14.45-15.00	Volatile vs total intravenous anaesthesia for major non-cardiac surgery: A randomised controlled trial (VITAL)	Dr Ben Shelley
15.00-15.15	Do in vitro pharmacological challenge responses differ between muscle specimens from malignant hyperthermia probands and their susceptible relatives?	Dr Jamie Clarke
15.15-15.30	TRPC3/6 channels appear to mediate the enhanced extracellular cationic influx in human malignant hyperthermia	Dr Vikas Kaura
15.30-16.00	Refreshments	
Joint session ARS/POMCTN		
16.00-16.15	Sex influences cardiac dysfunction in early polymicrobial sepsis, independent of leucocyte-derived TNFα	Dr Sophie Walker
16.15-16.30	Personalised genomic medicine to guide labour analgesia (EPIFEVER-2)	Dr Gareth Ackland
16.30-16.45	Functional nociception receptors (NOP) are upregulated on human umbilical vein endothelial cells during experimental in vitro sepsis	Mr Mark Bird
16.45-17.00	Characterisation of Dermorphinatto at recombinant MOP receptors	Dr Despoina Giakomidi
17.00-17.40	Sustainable healthcare research: A global challenge	Professor Rory O'Connor, Leeds University
17.40	Close of day 1	

19.00 Arrival for dinner in the Crown room.

Dinner must be booked in advance. Please contact events@rcoa.ac.uk for more information.

Programme subject to change.

Anaesthesia Research 2019

Tuesday, 3 December 2019

08.00-08.30	Registration and refreshments	
08.30-09.00	Surgical trials: Proving our mettle	Professor Deborah Stocken, Leeds Clinical Trials Unit
09.00-10.30	NIAA Research Award session	
	Preoperative sub-clinical heart failure: A potential target for prevention of perioperative myocardial injury?	Dr Tom Abbott, Queen Mary University of London
	Improving tracheostomy care: An evidence-based approach	Dr Brendan McGrath, Wythenshawe Hospital, Manchester
	Mesenchymal stromal cell therapy reduces liver injury in pre-clinical models of post-transplant liver disease	Dr Andrew Owen, University of Birmingham
	Perioperative blood volume and haemoglobin mass measurement	Dr James Plumb, University of Southampton
10.30-11.00	Refreshments	
	Joint session ARS/POMCTN	
11.00-11.15	Sugammadex to prevent post-operative pulmonary complications: A practice survey	Dr Daniel Donnelly
11.15-11.30	Sugammadex vs neostigmine for prevention of postoperative pulmonary complications: A proposed RCT	Dr Jon Silversides
11.30-11.45	Elevated heart rate after non-cardiac surgery: Post-hoc analysis of a prospective observational cohort study	Dr Amour Patel
11.45-12.00	RCT selective heart rate reduction to reduce myocardial injury/morbidity after non-cardiac surgery	Dr Gareth Ackland
12.00-12.15	A placebo-controlled randomized trial of intravenous lidocaine in accelerating gastrointestinal recovery after colorectal surgery (ALLEGRO)	Mr Hugh Paterson
12.15-12.30	Learning curves of novice anaesthetists using needle tip tracking during simulated ultrasound-guided sciatic regional nerve block on the soft-embalmed Thiel cadaver	Dr Amy Sadler
12.30-13.30	Lunch	

Joint session ARS/POMCTN		
13.30-13.45	Randomised placebo-controlled trial of continuous sciatic or posterior tibial nerve blockade on pain after major lower limb amputation	Professor Jonathan Thompson
13.45-14.00	TBC	Dr Ben Shelley
14.00-14.15	Very important outcomes in leg amputation: Programme grant (VIOLA)	Mr Rob Hinchcliffe
14.15-14.30	Experimental medicine in anaesthesia-related research: UK and US activity	Dr Amour Patel
14.30-15.00	Refreshments	
15.00-15.30	Experimental medicine: Advancing science and advancing care	Dr Charlotte Summers, School of Clinical Medicine, University of Cambridge
15.30-16.00	From the bench to the patient	Professor Hilary Bekker, Professor of Medical Decision Making, University of Leeds
16.00-16.10	Q&A panel	
16.10-16.30	NIAA awards and ARS medals	
16.30	Close of event	

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