



RCoA Innovation Symposium

Date: 23 October 2025

This bold, one-day event, encourages blue sky thinking on how we can leverage innovation to tackle the main challenges facing anaesthesia and healthcare more broadly. The Innovation Symposium will showcase pioneering ideas and practical solutions in anaesthesia, critical care, perioperative and pain medicine, and highlight the vital role of innovation in shaping the future of patient care.

The programme brings together a dynamic mix of expert clinicians, researchers, NHS leaders, and industry pioneers, to offer a rich insight into how cutting-edge ideas and technology can transform anaesthesia and the wider medical industry.

Venue: RCoA, London and online

Clinical Content Leads: Dr James S. Bowness and Dr Damon Kamming

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08:15–08:45	Registration	
08:50–09:05	Welcome and introduction	Dr James S Bowness
Session 1 Innovation in anaesthesia and the NHS (Chair: Dr James S Bowness)		
09:05–09:20	Innovation at the Royal College of Anaesthetists	Dr Claire Shannon and Dr Ramai Santhirapala
09:20–09:35	What is strategic innovation?	Dr Damon Kamming
09:35–09:55	AI, innovation and technology in the NHS - opportunities and challenges	Professor Tony Young
09:55–10:15	Innovation in the anaesthesia and perioperative medicine	Professor Ramani Moonesinghe
10:15–10:30	Discussion and Q&A	
10:30–10:50	Break	
Session 2 Examples from the NHS (Chair: Dr Damon Kamming)		
10:50–11:10	Innovation at a major NHS institution	Professor David Probert
11:10–11:30	Innovation in Healthcare, Avoiding the Brave New World	Professor Kevn Fong OBE
11:30–11:50	Driving innovation in an anaesthetic department	Dr James Holding
11:50–12:05	Discussion and Q&A	
Keynote lecture (Chair: Dr James S Bowness)		
12:15–12:45	How I fund my innovation and reach adoption	
	Professor Mike Lewis	
12:45–13:00	Question & Answer	
13:00–14:00	Lunch	
Session 3 Industry-led innovations in healthcare (Chair: Dr James S Bowness)		
14:00–14:20	Medical-device Interoperability	Maria Bürger
14:20–14:40	AI and point of care ultrasound	Karley Yoder
14:40–15:00	Venture capital and private equity funding innovation in anaesthesia	Denys Shay
15:00–15:15	Discussion and Q&A	
15:15–15:40	Break	

Session 4 Innovation in clinical practice: lessons and opportunities (Chair: Dr Damon Kamming)

15:40-16:00	Using AI and ultrasound to develop a 'one stop' service carpal tunnel syndrome	Ms Melissa Mahoney/Mr Alistair Hunter
16:00-16:20	Maximising industry-clinical opportunities	Dr David Brealey
16:20-16:40	ExoVent: Lessons from developing a negative pressure ventilator	Dr Jim Roberts
16:40-16:55	Discussion and Q&A	
16:55-17:00	Close	Dr James S Bowness
17:00-19:00	Reception with new product unveiling. Drinks and nibbles will be provided	Sponsored by GE Healthcare