



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 Kevin 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 for 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