



London Critical Care and  
Peri-Operative Medicine Day  
12<sup>th</sup> May 2017  
Lord's Cricket Ground

**HC21**  
Healthcare



# Welcome to Healthcare 21's London Critical Care & Peri Operative Medicine Day

We are delighted to welcome you to the iconic Lord's Cricket Ground today and hope that you will find the day both informative and enjoyable.

Healthcare 21 is one of the largest distributors of medical devices in Northern Europe and at the core of our business is our dedication to education.

We host various educational events across our geographical locations, including Live Surgery, Cadaver Workshops, and Hands-on Training Days as well as our prestigious Regional Critical Care Study Days.

This is the first event of this kind we have hosted in London, it follows the successful formula of our regional events that we have held for the last 3 years in other locations and we welcome your feedback at the close of the event.

We'd like to take this opportunity to say thank you to our wonderful faculty and to Dr Sandeep Dhir for his work in putting the clinical programme together.

To hear more about our future free events, please contact us on [events@hc21.eu](mailto:events@hc21.eu) or keep an eye on our diary by following us on social media.

To tweet about the event today, please use the #HC21EVENTS



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# Clinical Programme Organised by Dr Sandeep Dhir

08.45 - 9.20	Registration, Tea/Coffee and Display	All
09.20 - 9.30	Welcome address	Dr Sandeep Dhir

## Session One Chair – Dr Sandeep Dhir

09.30 - 10.05	Delirium in the Intensive Care Unit	Dr Thearina de Beer
10.05 - 10.40	Endocrine Emergencies in Intensive Care unit	Dr Karin Amrein
10.40 to 10.50	Questions and Discussion	Chair and Speakers
10.50 to 11.15	Tea/Coffee and Display	All
11.15 to 12.00	Key Note Lecture: Patient Safety: Have we been barking up the wrong tree?	Professor Ravi Mahajan
12.00 to 12.10	Questions and Discussion	Chair and Speakers
12.10 to 13.35	Lunch and Display & Tour of the Cricket Ground	All

## Session Two Chair - Dr Karin Amrein

13.35 to 14.10	Peri-Operative Risk Assessment of a Cardiac Patient for a Non-Cardiac Surgery	Dr Rahul Basu
14.10 to 14.45	How I manage Respiratory Failure in my Practice	Dr Caroline Sampson
14.45 to 14.55	Questions and Discussion	Chair and Speakers
14.55 to 15.20	Tea/Coffee and Display	All

## Session Three Chair - Professor Ravi Mahajan

15.20 to 15.55	Videolaryngoscopy in Airway Management	Dr Jay Dasan
15.55 to 16.30	Organ Donation: UK Perspective	Dr Sandeep Dhir
16.30 to 16.45	Questions and Discussion	Chair and Speakers
16.45 to 17.00	Close of Meeting and Collection of Certificates	All

## DR THEARINA DE BEER

**TOPIC: DELIRIUM, HOW DO I KNOW MY PATIENT HAS IT AND WHAT CAN I DO ABOUT IT?**



Dr Thearina de Beer MBChB FRCA DICM FFICM LLM, is a Consultant in Anaesthetics and ICM at Nottingham University Hospitals. She has an interest in Health Law and has completed a Masters in Health Law and Ethics as well as providing expert witness services. Thearina was the faculty tutor in ICM for 3 years, for Queens Medical Centre and was the governance lead for AICU. She is also the linkman for NACCSGBI, Neuro Critical Care and has been elected to council.

Thearina was a member of the CRG for Spinal Cord Injury until 2016. Her special interests are delirium and the impact on long stay patients. She has written the delirium guideline for NUH and KMH, as well as started the multi-disciplinary long term ward round. She has implemented the ABCDEF guideline at NUH. Currently she is the specialty lead for critical care at NUH.

## DR KARIN AMREIN

**TOPIC: ENDOCRINE EMERGENCIES IN INTENSIVE CARE UNIT**



Karin Amrein is an Associate Professor and Consultant in Internal Medicine/Endocrinology and has a sub-speciality degree in intensive care medicine. Karin has become passionate about endocrinologic and critical care research, she conducted the VITdAL@ICU pilot trial and developed the protocol for the VITdAL-ICU study that started in 2010 and was published in JAMA in September 2014. This was the first large randomized controlled trial on vitamin D in critical care. Although the primary endpoint length of hospital stay was similar between placebo and vitamin D group, there was a significant benefit for hospital survival (relative risk reduction 44%) in the severely vitamin D deficient subgroup.

Her major research interests are vitamin D in critical illness, bone health and glucose metabolism in and after critical care and other settings, donor health, specifically donation induced iron depletion (and its therapy) and the effects of apheresis on bone health and women in science. In private life, her daughters (3 and 5) make sure life never becomes boring.

## PROFESSOR RAVI P MAHAJAN

### TOPIC: PATIENT SAFETY - HAVE WE BEEN BARKING UP THE WRONG TREE?



MD (PGIMER Chandigarh)  
DM (Nottingham University)  
FRCA (London, UK)  
FCAI (Hon, Dublin, Ireland)

Edited 4 text books, and authored >200 scientific publications  
Professional Roles

1. Editorial Board Member, British Journal of Anaesthesia
2. Council member, Royal College of Anaesthetists (RCoA)
3. Vice President, Royal College of Anaesthetists (RCoA)
4. Chairman, Ethics Committee, University of Nottingham

## DR RAHUL BASU

### TOPIC: PERI-OPERATIVE RISK ASSESSMENT OF A CARDIAC PATIENT FOR A NON-CARDIAC SURGERY



MBBS – North Bengal, India 1990

MD – Manipal, India 1994

FRCA London- 2000

Consultant Cardiac Anaesthetist, Nottingham University Hospitals NHS Trust since 2004. I have a special interest in perioperative Transoesophageal Echocardiography (TOE) and have run the Nottingham TOE course for the last 10 years. In the past 18 months I have developed an interest in perioperative management of the patient with cardiac disease presenting for non-cardiac surgery.



## DR CAROLINE SAMPSON

### TOPIC: HOW I MANAGE SEVERE ACUTE RESPIRATORY FAILURE



Dr Caroline Sampson BMBS BMedSci FRCA FFICM EDIC  
Consultant in Anaesthesia, Intensive care medicine and Adult ECMO.

After graduating from Nottingham University in 2003 Caroline, known to most as Caz dabbled in A&E and Renal medicine before starting her training in Anaesthesia. She dual trained in Intensive Care Medicine and Anaesthesia, spending her penultimate year of training in London. She then returned to the Midlands to complete fellowships in critical care ultrasound and Extra Corporeal Membrane Oxygenation before taking up a Consultant post in Glenfield in November 2014.

She spends most of her time in Intensive Care and Adult ECMO and is occasionally allowed off the unit for good behaviour to give an anaesthetic. Alongside general and cardiac intensive care duties, being a member of the 5 strong ECMO consultant team at Glenfield involves retrieving patients with Severe Acute Respiratory Failure both conventionally and using mobile ECMO from units as far away as Northern Ireland and the Scottish Isles and providing a 24 hour telephone advice service for any clinician within our catchment area. She has a specialist interests in Critical care follow up and medical Education and runs the ECMO fellowship programme.

## DR JAY DASAN

### TOPIC: VIDEOLARYNGOSCOPY IN AIRWAY MANAGEMENT



Consultant Anaesthetist

King's College Hospital, London, UK

- Anaesthesia specialist training in London deanery
- Obtained FRCA in 1995
- Obtained Fellowship in Obstetric anaesthesia from University of Toronto, Canada in 2001.
- Appointed as a consultant anaesthetist at King's College Hospital, London in 2001.
- Specialist interests in Bariatric Anaesthesia, Obstetric Anaesthesia, Trauma Anaesthesia, Maxillofacial and Craniofacial Anaesthesia.
- King's Airway Management Lead Consultant since 2010
- Founded King's Advanced Airway Management Workshop 2004
- Director King's College Hospital Advanced Airway Management Course for the last 12 years.
- Involved as an Airway faculty for AAGBI, European Society of Anaesthetists, EAMS, NWAC, ISA, SAARC, WFSA World congress
- Invited speaker at many national and international meetings

# DR SANDEEP DHIR

## TOPIC: ORGAN DONATION - A UK PERSPECTIVE



Sandeep Dhir is a Consultant in Intensive Care Medicine and Anaesthesia in Kings Mill Hospital in Nottinghamshire.

He is a strong believer in sharing knowledge for continuing professional development of healthcare fraternity. To pursue his dream of bringing academic stalwarts together to share their expertise, Sandeep has successfully organised national level meetings on peri-operative medicine and critical care for last few years. These meetings are well recognised and always oversubscribed with international and national level speakers sharing their specialist knowledge.

In his role as organ donation lead for his hospital, Sandeep has organised successful campaigns to increase awareness of importance of organ donation amongst healthcare staff and community. This included running poster design competitions, campaign to increase uptake on organ donation register and appearance on television to promote organ donation.

Sandeep is lead consultant for quality and service improvement in critical care and is passionate about initiatives in critical care and anaesthesia. Improved weaning of mechanically ventilated patients, better strategies to reduce ventilator associated pneumonia, and improvement in managing delirious patients on critical care are some of the recent initiatives to help patients. It's an ongoing process with involvement of multi-disciplinary team members.

Outside work, passion for writing poetry keeps him joyfully occupied.

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