

Yorkshire Intensive Care Conference 2024

Programme.



Welcome

On behalf of the organising committee, we would like to welcome you to the Yorkshire Intensive Care Conference 2024!

YICC was set up following the Covid-19 pandemic as an educational and wellbeing initiative for ICU trainees and consultants within our region. Thanks to the support of the ICU community in Yorkshire & The Humber, we are now in our third year (with planning for YICC 2025 well underway!)

Transforming YICC from a one off Covid recovery event into a sustainable annual conference has brought it's own challenges. We'd like to thank everyone who has bought a ticket and supported and attended the conference this year, and we also extend our huge gratitude to our sponsors – Hamilton, ICU Medical, Fresenius and Teleflex – for their extremely generous contributions, without which, the conference would simply not be able to go ahead. We'd also like to thank the Yorkshire Wildlife Park for hosting us for the third year running.

We are extremely excited to share our programme for YICC 2024, and cannot thank our speakers enough for coming and sharing their vast range of knowledge and experience. We are sure that these talks will offer invaluable clinical insights and learning points, but also that they will serve as reminder of the intricacies of our specialty, and the opportunities and privileges that are afforded to us as intensive care clinicians.

Lastly we would like to say a huge thank you to Dr Phil Jackson, who is stepping down as head of school this year. His commitment to and support in establishing YICC has been unwavering, and without him it is very likely we would not be here today. We are immensely grateful for everything he has done for trainees and the specialty in his role, and wish him all the very best for the future.

We hope you enjoy the conference!

The YICC Committee

Sponsors

We would like to say a huge thank you to our sponsors for supporting the Yorkshire Intensive Care Conference 2024:

Hamilton Medical

Hamilton Medical, a trailblazing force in medical technology since 1983, are dedicated to advancing intelligent ventilation solutions for



critically ill patients. As a global leader in ventilator manufacturing, we cater to diverse patient groups, applications, and environments. Beyond technology, our profound mission is to enhance the daily lives of healthcare teams, making their work more effective. Committed to quality in every aspect, we provide invaluable tools for the dedicated individuals fighting tirelessly for our health, along with comprehensive training and education resources.

Teleflex

Teleflex is a global provider of medical technologies that enhance clinical benefits, improve patient and provider safety, and reduce total procedural costs. We primarily design, develop, manufacture, and supply

single-use medical devices used by hospitals and healthcare providers for diagnostic and therapeutic procedures. We are home to industry-leading brands, with solutions in the fields of Anaesthesia, Vascular Access, Interventional Cardiology and Radiology, Emergency Medicine, Surgical, and Urology.



Teleflex, A Global Provider of Medical Technologies, Dedicated to Improving the Health & Quality of People's Lives.

ICU Medical

Clinician-founded. Clinically focused.



From our beginnings in 1984 as an innovative clinician-founded company to today - ICU Medical remains committed to bringing you clinically-relevant products and technologies that help you safely and efficiently meet your patient care challenges. Make every breath count - Get a broad portfolio of tracheostomy, respiratory, breathing circuits, ventilation and specialty airway products.

Fresenius Medical Care

As a global leader in dialysis and extracorporeal therapies, Fresenius Medical Care champion therapy and machine development to ensure our



**FRESENIUS
MEDICAL CARE**

patients receive the right treatment at the right time. Nowhere is this commitment to research and development more evident than in Critical Care. Fresenius Medical Care's Ci-Ca® therapy, and the multiFiltratePRO, have been designed with the user in mind. Efficient workflows and enhanced safety features, coupled with ready to use calcium chloride and citrate solutions, allows the user to deliver maximum treatment efficiency whilst at the same time reducing nursing interventions, freeing nurses to do what they do best, care for patients.

At Fresenius Medical Care, we understand that CRRT is just one of the many therapies an ICU clinician needs to provide, so we designed a machine that has a minimal impact on your workload, delivering the treatment as prescribed, whilst working as efficiently as possible. Fresenius Medical Care are your partners in care, a global company that specialises in renal replacement therapy, be it HD, PD, or CRRT -Fresenius Medical Care can offer you support, infrastructure, flexibility and the solution to your service's needs.

Telephone: 01623 445100

Website: www.freseniusmedicalcare.co.uk

LinkedIn: www.linkedin.com/company/fmcuk/

Twitter: twitter.com/FMC_UK

Facebook careers: www.facebook.com/profile.php?id=100066675223553



08:30 – 09:00 **Welcome, Breakfast, Introduction**

SESSION 1

| | | |
|----------------------|--|---------------------------|
| 09:15 – 10:00 | Sick Kids | Michael Griksaitis |
| 10:00 – 10:45 | Hyperbaric Therapy for Gas Embolism | Craig Holdstock |

10:45 – 11:30 **Break with poster presentations**

SESSION 2

11:30– 12:30 Life on the Frontline Anthony Redmond

12:30 - 12:45 Trainee Oral Presentation

12:45 - 14:15 Lunch with time to explore the Park

SESSION 3

14:15 - 15:00 Intensive Care Medicine (and how I see it) Sarah Marsh

15:00 - 15:15 Trainee oral presentation

15:15 – 16:00 Break and Refreshments

SESSION 4

16:00 – 16:45 Cold Water Immersion Mike Tipton

16:45 - 17:15 A Zambian Adventure Erica Morris

17:15 – 17:30 Prizes and Close

Sick Kids

Dr Michael Griksaitis

Dr Griksaitis is a consultant paediatric intensivist with a specific interest in cardiac ICU, ECMO and resuscitation. He is the clinical lead for the Southampton Oxford Retrieval Team (SORT) at Southampton Children's Hospital. He is the national chair of the paediatric critical care society acute transport group (PCCS-ATG) and is part of the founding Children's Acute Ultrasound (CACTUS) group. He holds an academic honorary senior clinical lecturer post at the University of Southampton and is heavily involved with undergraduate medical education.



Hyperbaric Therapy for Gas Embolism

Dr Craig Holdstock

Dr Holdstock is a Consultant Cardiothoracic Anaesthetist and Intensivist working at University Hospitals Plymouth NHS Trust.

Craig has an additional specialist interest in hyperbaric medicine and is the anaesthetic lead and an on-call doctor for DDRC Healthcare, Plymouth. He holds both the DMAC Level 1 - Medical Assessment of Divers (Medical Examiner of Divers) and DMAC Level 2D - Medical management of Diving Accidents and Illnesses (Diving Medical Physician). Since 2013 he has regularly been a DDRC On Call Dr providing specialist advice via the British Hyperbaric Association helpline nationally and local assessment and treatment of hyperbaric emergencies.

Craig is also a keen diver using both open and closed circuit breathing apparatus. He is a Qualified Diver with the Cave Diving Group. He explores caves and mines including international expeditions. He also is a volunteer with Devon Cave Rescue Organisation where he is the Medical Officer for the team.

Life on the Frontline

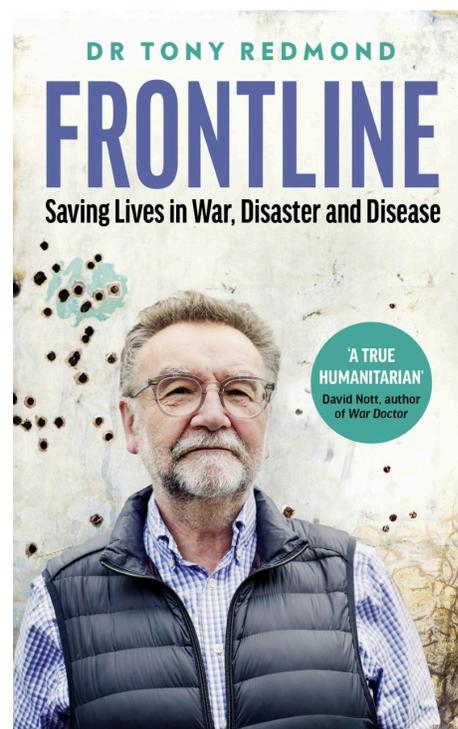
Professor Tony Redmond OBE

Professor Tony Redmond OBE is Professor Emeritus of International Emergency Medicine at the Humanitarian and Conflict Response Institute at the University of Manchester, Emeritus Professor of Emergency Medicine at Keele University, and Past President of the World Association for Disaster and Emergency Medicine.

He qualified in Medicine from the University of Manchester and specialised in Emergency Medicine. His special interest in prehospital care and the care of the severely injured led him to respond to major disasters both in the UK and overseas, and in 1995 he founded UK-Med, an International NGO that provides emergency medical humanitarian assistance. In 2008 co-founded the Humanitarian and Conflict Response Institute at the University of Manchester.

He has led medical teams to wars, sudden onset disasters, and disease outbreaks around the world for over 30 years and has been a member of the WHO Emergency Medical Teams Initiative since its inception.

He is author of “FRONTLINE: Saving lives in War Disease and Disaster” published by HarperNorth.



Intensive Care (and how I see it)

Dr Sarah Marsh

Sarah Marsh is a Consultant in Anaesthesia and Intensive Care Medicine (ICM) at Harrogate District Hospital. She is also the Faculty Tutor for Intensive Care Medicine and the incoming Clinical lead for Critical Care as well as the Clinical Lead for the Critical Care Outreach Team and for Organ Donation for the trust.



Her external roles include a number for the Faculty of Intensive Care Medicine (FICM); Course director for the FICM exam preparatory course, the outgoing Deputy-Chair of the Women in Intensive Care Medicine group and Chair of the Education Sub-Committee (responsible for the educational output for FICM). As the chair of the Education Sub-Committee, she has led the production and launch of several national educational work streams for ICM including the creation of an international e-learning platform funded by Health Education England (e-ICM, E-Learning for Health), organised national professional development events, and has developed FICMlearning (free educational content for ICM consisting of weekly blogs, podcasts, simulation and clinical cases).

Sarah is also a member of the Clinical Reference Group for Adult Critical Care for NHS England.

A Zambian Adventure



Dr Erica Morris

Erica is a Specialist Registrar in Anaesthesia and Intensive Care Medicine and a Reservist Medical Officer in 214 Multi-role Medical Regiment. She is currently working at Doncaster Royal Infirmary. She has interests in Global Health and the delivery of healthcare in resource poor environments. She has taken time out of postgraduate medical training to work in Malaysia, Philippines, Malawi (Core training OOPE) and Zambia (Specialist Training OOPE). Her talk at YICC will be about her latest OOPE in Zambia.

Cold Water Immersion

Professor Mike Tipton MBE

Professor of Human & Applied Physiology, Extreme Environments Laboratory, School of Sport Health & Exercise Science, University of Portsmouth, UK.

Professor Tipton has worked at the Universities of Surrey and Portsmouth. He is a visiting professor at King's College London and SETU Waterford, Ireland. He was Consultant Head of the Environmental Medicine Division at the Institute of Naval Medicine from 1996 to 2004. He has published over 800 scientific papers on drowning, thermoregulation, environmental and occupational physiology, and survival in the sea.



Professor Tipton was a Trustee/Director of Surf Lifesaving GB, he is a member of the Council of the RNLi as well as a Consultant to the Medical Director of the RNLi. He has been a consultant in survival and thermal medicine to the Royal Air Force, UKSport and the English Institute of Sport. Prof Tipton is a Fellow of the Royal Society of Medicine and a Fellow and Trustee of The Physiological Society. He was awarded his MBE for services to physiological research in extreme environments; the Ireland Medal for saving lives from drowning worldwide; and the H&L Swiftwater rescue lifetime achievement award from the USA.

Trainee Oral Presentations

Recreational use of loperamide resulting in refractory ventricular arrhythmias

Andreia Batista, H Davies, S Marsh

Pediatric Transition: Is a wave coming?

Michael Kitchen

Trainee poster presentations

Crouching Tiger, Hidden ICU Discharge Summary

Paige Baylis-Jones, Anna Littlejohns

Management of significant Calcium Channel Blocker Overdose in patient with Hypertrophic Cardiomyopathy

Gitanjali Sharma, Sarah Goellner

Focused POCUS in Out of Hospital Cardiac Arrest

Ben Stoney

Implementation of Trainee-led Self Rostering on an Anaesthetic Trainee On Call Rota

Michael Tonkins, Lara Pengelly, P Shannon



HAMILTON-C6. The next generation of intelligent ICU ventilators

The HAMILTON-C6 represents a new generation of high-end ventilators. The combination of modularity, ease of use, mobility, and advanced features allows you to individualize your patient's ventilation therapy:

- ✓ State-of-the-art ventilation modes for adult, pediatric, and neonatal patients
- ✓ Adaptive, lung-protective ventilation modes ASV® and INTELLiVENT®-ASV
- ✓ IntelliSync®+ real-time patient synchronization
- ✓ Noninvasive ventilation and integrated high flow nasal cannula therapy*
- ✓ P/V Tool® for lung assessment and recruitment
- ✓ Transpulmonary pressure measurement
- ✓ Integrated IntelliCuff® pressure controller
- ✓ Remote access to humidifier controls and status

*Always use active humidification during high flow nasal cannula therapy



Learn more:
www.HAMILTON-C6.com



Learn more:
www.hamilton-medical.com/en_GB/Products

HAMILTON
MEDICAL

RÜSCH

NEW



Rüsch TracFlex Plus Adult

The New Generation of Premium Tracheostomy Tubes

Added Benefits in Your Tracheostomy Care

The Rüsch TracFlex product line includes a range of armoured tubes made of thermosensitive PVC.

Sophisticated designs and flexible material assist in providing comfort for patients, while the flexible inner cannula system and distinct colour-code feature facilitate easy maintenance, helping to increase efficacy and safety.

For individual patient care we offer a broad range of accessories.

- Smooth action adjustable fixation flange to assist in tube placement & daily care activities.

Fast Facts

Highly flexible

with spiral armoring

for single patient use

sterile, latex-free,
DEHP-free

thermosensitive

Benefits



The Clinician
Adjustable flange design is particularly useful when treating patients with unusual anatomy.



Your Institution
Tracheostomy tube is Single Patient use.



The Patient
Sophisticated designs and flexible material, assists in providing comfort for the patient.

Teleflex