



INTERNATIONAL CONFERENCE ON RAPID RESPONSE SYSTEMS & MEDICAL EMERGENCY TEAMS

9 - 10 JULY – MANCHESTER CENTRAL, MANCHESTER, UK

This programme is a living document which serves as an indication of the final programme content, therefore details will change.

DAY 1 – MONDAY 9 JULY 2018

- 08:00 **REGISTRATION OPENS**
- 09:00 – 09:15 **WELCOME TO THE INTERNATIONAL CONFERENCE ON RAPID RESPONSE SYSTEMS & MEDICAL EMERGENCY TEAMS 2018**
 John Welch, *President, International Society for Rapid Response Systems (ISRRS); Consultant Nurse in Critical Care and Outreach, University College London Hospitals Foundation Trust*
 Isabel Gonzalez, *Chair, National Outreach Forum (NOOrF); Consultant in Critical Care, South Tees Hospitals Foundation Trust*
- 09:15 – 09:45 **PAST, PRESENT AND FUTURE CARE OF DETERIORATING PATIENTS IN THE NHS**
 Jane Eddleston, *Consultant in Intensive Care Medicine and Anaesthesia, Manchester University Foundation Trust; Chair, NHS England Clinical Reference Group for Adult Critical Care*
- 09:50 – 10:10 **JOINT PLENARY WITH THE PATIENT SAFETY CONGRESS DRIVING CHANGE IN SAFETY CRITICAL INDUSTRIES**
 Kevin Fong, *Consultant Anaesthetist, University College London Hospitals Foundation Trust*
- 10:10 – 10:50 **JOINT DEBATE WITH THE PATIENT SAFETY CONGRESS SAFETY IN HEALTHCARE, WHO DRIVES CHANGE?**
 Chair: Shaun Lintern, *Patient Safety Correspondent, HSJ*
 Ken Hillman, *Professor of Intensive Care Medicine, Liverpool Hospital, Sydney & University of New South Wales*
 Julie Bailey CBE, *Founder, Cure the NHS (the campaign group that exposed the Mid Staffs care scandal)*
 Peter Homa CBE, *Chair, NHS Leadership Academy*
 Kevin Fong, *Consultant Anaesthetist, University College London Hospitals Foundation Trust*
 Invited: Celia Ingham Clark, *Medical Director for Clinical Effectiveness, NHS England*
 - Learn how human factors impact the work of NASA, and processes they use to reduce risk
 - Understand how safety critical industries implement effective safety systems
 - Make changes in your practice to improve safety in your organisation
 - Do the best patient safety improvements come from the top or the frontline?
 - What should policy makers, leaders and frontline staff be doing to make hospitals safer?
 - How can we work together to drive improvements?

10:50 – 11:20 MORNING BREAK IN EXHIBITION HALL

<p>11:20 - 12:00</p>	<p>CLINICAL CONUNDRUMS: CASES FROM THE FRONT LINE Geoffrey Lighthall, <i>Professor of Anesthesia and Critical Care, Stanford University School of Medicine</i> Mandy Odell, <i>Nurse Consultant, Critical Care, Royal Berkshire Foundation Trust</i></p>	<p>WHO DO YOU NEED ON THE TEAM?</p> <ul style="list-style-type: none"> • Critical care outreach Advanced Nurse Practitioners • The ICU Consultant-led rapid response system <p>Karin Gerber, <i>Trainee Advanced Nurse Practitioner, Critical Care Outreach, Royal Berkshire Foundation Trust</i> Invited: Monica Trivedi, <i>Consultant, Intensive Care & Anaesthesia, Lead for deteriorating patient project, Cambridge University Hospitals Foundation Trust</i></p>	<p>JOINT STREAM WITH THE PATIENT SAFETY CONGRESS BRIDGING THE GAP: POLICY AND CLINICAL PRACTICE</p> <p></p> <p>MAKING IT EASY TO DO THE RIGHT THING</p> <ul style="list-style-type: none"> • Examine how approaches from behavioural science can be adopted into your work • Use nudge theory and 'doing the right thing' to encourage consistent, good practice • Learn techniques to implement interventions to improve patient outcomes <p>Stephen Bolsin, <i>Adjunct Professor & Staff Specialist, Geelong Hospital</i> Hannah Burd, <i>Senior Advisor, Behavioural Insights Team</i> Siri Steinmo, <i>Patient Safety Programme Lead, Royal Free London Foundation Trust</i></p>
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12:00 – 12:05 TIME TO MOVE BETWEEN SESSIONS

<p>12:05 - 12:45</p>	<p>IDENTIFYING AND ESCALATING THE DETERIORATING PATIENT: ESSENTIAL BUT DIFFICULT TO MEASURE VITAL SIGNS</p> <ul style="list-style-type: none"> • Respiratory rate: what does it tell us? • Consciousness and cognition: what do they tell you? • Escalation without set criteria: 24/7 intensivist guided graded response <p>Frank Sebat, <i>Director, Kritikus Foundation</i> Dana Edelson, <i>Assistant Professor of Medicine, The University of Chicago Medicine</i> Tan Chee Keat, <i>Head & Senior Consultant, Intensive Care Medicine, Ng Teng Fong General Hospital</i></p>	<p>MANAGING RECOVERY AFTER THE RAPID RESPONSE</p> <ul style="list-style-type: none"> • Physical recovery: The impact of critical illness • Physical recovery: Rehabilitation strategies • Psychological recovery: Managing critical illness associated stress and PTSD <p>Claire Black, <i>NIHR Clinical Doctoral Research Fellow, Division of Medicine, University College London</i> Professor Natalie Pattison, <i>Florence Nightingale Foundation Chair in Clinical Nursing Practice, University of Hertfordshire and East & North Hertfordshire Trust</i> Dorothy Wade, <i>Chartered Health Psychologist, Critical Care Unit, University College London Hospitals Foundation Trust</i></p>	<p>END OF LIFE CARE IN AN ACUTE SETTING</p> <ul style="list-style-type: none"> • Have effective conversations in an emergency – the national Recommended Summary Plan for Emergency Care and Treatment (ReSPECT) • "Talking DNACPR" – training for difficult conversations with patients <p>Peter Marc-Fortune, <i>Consultant Paediatric Intensivist/Associate Clinical Head, Royal Manchester Children's Hospital; Co-Chair, ReSPECT Expert Working Group</i> Jillian Hartin, <i>Senior Sister, Critical Care, University College London Hospitals Foundation Trust</i></p>
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12:45 - 13:45 NETWORKING LUNCH BREAK IN EXHIBITION HALL

13:45 - 14:25

SEPSIS ON THE FRONT LINE

- Sepsis and the Medical Emergency Team
 - Dealing with sepsis with fewer resources
- Daryl Jones**, Associate Professor, Critical Care, University of Melbourne
Dr Ratapum Champunot, Department of Internal Medicine, Buddhachinaraj Hospital, Phitsanulok

CARE OF HIGH RISK PATIENT GROUPS I: THE DETERIORATING CANCER PATIENT - LESSONS FROM MEMORIAL SLOAN KETTERING CANCER CENTER, NYC

- Rapid Response in a Cancer Hospital – utilisation and innovation at MSK
 - Resuscitation of cancer patients: what's appropriate, what are the outcomes?
- Jibran Majeed**, Clinical Program Manager and Critical Care Nurse Practitioner, Memorial Sloan Kettering Cancer Center
Sanjay Chawla, Associate Attending Physician, Memorial Sloan Kettering Cancer Center

IDENTIFYING AND ESCALATING THE DETERIORATING PATIENT

- "Making Vital Signs Great Again" – getting essential care right
 - Using the National Early Warning Score 2 to identify acute illness
- John Kellett**, Adjunct Associate Professor in Acute and Emergency Medicine, University of Southern Denmark
John Welch, President, International Society for Rapid Response Systems
Invited: Professor Bryan Williams, Consultant Physician, University College London Hospitals

14:25 - 14:30 TIME TO MOVE BETWEEN SESSIONS

14:30 - 15:10

THINKING DIFFERENTLY ABOUT THE RAPID RESPONSE SYSTEM

- The uses and abuses of clinical intuition: pro-con debate
 - Human factors in Rapid Response System activation
- Frank Sebat**, Director, Kritikus Foundation
Geoffrey Lighthall, Professor of Anesthesia and Critical Care, Stanford University School of Medicine
Wei Ling Chua, PhD Student, Alice Lee Centre for Nursing Studies, National University of Singapore

EDUCATION & TRAINING FOR CLINICAL COMPETENCE I

- National competency framework for registered practitioners – level 1 patients and enhanced care areas
 - Developing multi professional teamwork at scale
- Alison Dinning**, Institute Clinical Lead, Institute of Nursing and Midwifery, Nottingham University Hospitals Trust
Liz Staveacre, Consultant Nurse, Critical Care & Outreach, Buckinghamshire Healthcare Trust
Anne Lippert, Deputy Director, Danish Institute for Medical Simulation

EXAMINING THE EVOLUTION OF HUMAN FACTORS AND THE PROSPECTS FOR A NATIONAL SAFETY PLAN

- Put your organisation on the front foot: understand where human factors is heading next
 - Pinpoint the five key turning points in human factors and establish what still needs to be done
 - Consider how a coordinated national plan could focus efforts to embed safety and human factors
 - 20 years of human factors in healthcare in context
- Dr Suzette Woodward**, Campaign Director, Sign up to Safety
Dr Hazel Courteney, Chief Executive, State Safety Global
Invited: Professor Charles Vincent, Emeritus Professor of Clinical Safety Research, Imperial College London

15:10 - 15:40 AFTERNOON BREAK IN EXHIBITION HALL

15:40 - 16:20

CARE OF HIGH RISK PATIENT GROUPS II

- The frail elderly
 - Obstetric critical care outreach
- Ken Hillman**, Professor of Intensive Care Medicine, Liverpool Hospital, Sydney & University of New South Wales
Audrey Quinn, Consultant Obstetric and Neuro-Anaesthetist, South Tees Hospitals Foundation Trust

EDUCATION & TRAINING FOR CLINICAL COMPETENCE II

- Acute Care skills in 7 days – does it change newly qualified ward nurses' performance, confidence and self-efficacy?
 - Rescuing deteriorating patients – how e-learning can help
- Alison Dinning**, Institute Clinical Lead, Institute of Nursing and Midwifery, Nottingham University Hospitals Trust
Liw Sok Ying, Associate Professor, Alice Lee Centre for Nursing Studies, National University of Singapore

INCIDENT INVESTIGATION: LEARNING FROM ERRORS

- Prevent repeat incidents by learning from mistakes
 - Hear how others have implemented processes to learn from incidents
- Helen Hogan**, Associate Professor, Department of Health Services Research and Policy, London School of Hygiene and Tropical Medicine; Health Foundation Improvement Science Fellow
Invited: Andy Haynes, Executive Medical Director, Sherwood Forest Hospitals Foundation Trust

16:20 - 16:25 TIME TO MOVE BETWEEN SESSIONS

16:25 - 17:00

UNDERSTANDING AND IMPROVING DECISION-MAKING AROUND TRANSFERS TO ICU

Chris Bassford, Consultant, Intensive Care Medicine, University Hospital Coventry

MEASURING RAPID RESPONSE SYSTEMS/MEDICAL EMERGENCY TEAMS/OUTREACH EFFECTIVENESS: AN INTERNATIONAL CONSENSUS

Chris Subbe, Consultant, Acute, Respiratory and Intensive Care Medicine, Ysbyty Gwynedd, Bangor
Dana Edelson, Assistant Professor of Medicine, The University of Chicago Medicine

17:00 NETWORKING RECEPTION IN EXHIBITION HALL

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DAY 2 – TUESDAY 10 JULY 2018

08:00 REGISTRATION OPENS

9:00 - 10:25

THE PAEDIATRIC RAPID RESPONSE SYSTEM
Invited: **Jenny Bull**, Paediatric Outreach Lead, **University Hospital Southampton Foundation Trust**

THE BEST OF BRITISH

- Best of Scotland
- Best of Wales
- Best of England: How many patients do we need to worry about (eight years point prevalence data)?

Calum McGregor, National Clinical Lead for Acute Care, **Healthcare Improvement Scotland**
Graham Gauld, National Clinical Lead for Primary Care, **Healthcare Improvement Scotland**
Chris Hancock, Acute Deterioration Programme Lead, **1000 Lives Improvement Service, Public Health Wales**
Lesley Durham, Director, **North of England Critical Care Network**

HOW TECHNOLOGY CAN SAVE LIVES I

- Continuous or intermittent monitoring: pro-con debate
 - What the ultimate patient monitoring system should look like
 - Monitoring the members of the team
- Michael DeVita**, Director of Critical Care, **NYC Health + Hospitals, Harlem, NYC**
Chris Subbe, Consultant, Acute, Respiratory and Intensive Care Medicine, **Ysbyty Gwynedd, Bangor**
Cor Kalkman, Professor of Anaesthesiology Research and Clinical Epidemiologist, **UMC Utrecht**
Mike Patterson, Chief Medical Officer, **Football Association**

10:25 - 10:30 TIME TO MOVE BETWEEN SESSIONS

10:30 - 11:10

THE BEST OF THE ABSTRACTS

HOW WE SAVE LIVES WITH LESS RESOURCE

Dr Ratapum Champunot, Department of Internal Medicine, **Buddhachinaraj Hospital, Phitsanulok**
Abi Beane, Global Healthcare Researcher and Project Coordinator, **NICST**

JOINT STREAM WITH THE PATIENT SAFETY CONGRESS BRIDGING THE GAP: POLICY AND CLINICAL PRACTICE (DAY 2)



THE USE OF TECHNOLOGY TO IDENTIFY THE DETERIORATING PATIENT

- Understand the application of technology in identifying and escalating the deteriorating patient
- How to couple recent technologies with the knowledge and intuition of your staff to enhance patient safety and experience

11:10 - 11:40 MORNING BREAK IN EXHIBITION HALL

11:40 - 12:20

HOW PATIENTS CAN DRIVE SAFETY

- Patient and relative activated critical care outreach
 - The patient role in improving the whole system
- Mandy Odell**, Nurse Consultant, Critical Care, **Royal Berkshire Foundation Trust**
Chris Subbe, Consultant, Acute, Respiratory & Intensive Care Medicine, **Ysbyty Gwynedd, Bangor**

MANAGING DETERIORATION ACROSS THE WHOLE PATHWAY I

- Acute illness in the care home and community hospital
- High risk and deteriorating patients in general practice

Chris Hancock, Acute Deterioration Programme Lead, **1000 Lives Improvement Service, Public Health Wales**
Simon Stockley, GP, **Eaglescliffe Medical Practice, Teeside**; Clinical Lead for Sepsis, **Royal College of GPs**

WHAT'S HAPPENING WITH SEPSIS AND HOW WE CAN DO BETTER

- Understand what the data tells us nationally and Trust by Trust, to benchmark and improve your performance
- Collaborate to improve hospital wide responses to the deteriorating patient
- Hear the impact of sepsis from the patient perspective, and how Katie Dutton is using her experience to train others

Matt Inada Kim, Acute Physician, **Hampshire Hospitals Foundation Trust**; National Clinical Advisor for Sepsis
Mervyn Singer, Professor of Intensive Care Medicine, **University College London Hospitals Foundation Trust**
Katie Dutton, Nursing Student and Patient Speaker

12:20 - 12:25 **TIME TO MOVE BETWEEN SESSIONS**

12:25 - 13:05

HOW TECHNOLOGY CAN SAVE LIVES II

- “Electrifying Outreach”: the Manchester experience
 - Less is more: the Sri Lanka experience
- Jonathan Bannard-Smith**, *Consultant, Critical Care & Anaesthesia, Manchester University Foundation Trust*
Abi Beane, *Global Healthcare Researcher and Project Coordinator, NICST*

MANAGING DETERIORATION ACROSS THE WHOLE PATHWAY II

- Optimising call handlers and the ambulance response
 - Optimising the whole acute hospital with technology: the Nottingham experience
- Invited: Healthcare Improvement Scotland team**
Nick Woodier, *Patient Safety Improvement Lead, Nottingham University Hospitals Trust*

SELLING RAPID RESPONSE SYSTEMS TO THE BOARD AND POLICY-MAKERS

- How to make the quality and business case for critical outreach and rapid response systems
 - The effect of a national standard for deteriorating patients on outcomes
- Francesca Rubulotta**, *Consultant in Critical Care, Imperial College Healthcare Trust*
Daryl Jones, *Associate Professor, Critical Care, The University of Melbourne*

13:05 - 14:05 **NETWORKING LUNCH BREAK IN EXHIBITION HALL**

14:05 - 14:25

HOW TECHNOLOGY CAN SAVE LIVES III

- The cutting edge - “Help is just a button away”
- Dr Faheem Ahmed Khan**, *Consultant, Intensive Care Medicine & Emergency Medicine, Ng Teng Fong General Hospital*

EVALUATING RAPID RESPONSE SYSTEM QUALITY: UNDERSTANDING CONTEXTUAL & CULTURAL FACTORS

- **Jacinda Bunch**, *Associate Faculty Member, University of Iowa College of Nursing*

RRS & CRITICAL CARE OUTREACH: THE NEW STUDIES I

- How hospitals identify and respond to patient deterioration across the NHS: what improves outcomes
- Helen Hogan**, *Associate Professor, Department of Health Services Research and Policy, London School of Hygiene and Tropical Medicine; Health Foundation Improvement Science Fellow*

14:25 - 14:30 **TIME TO MOVE BETWEEN SESSIONS**

14:30 - 15:10

HOSPITAL RE-DESIGN AND TECHNOLOGY FOR SAFETY

- Real time big data analytics to predict deterioration
 - Developing fit-for-purpose emergency and acute care
- Dana Edelson**, *Assistant Professor of Medicine, University of Chicago Medicine*
Chris Laing, *Clinical Director, Emergency Services, University College London Hospitals*

RRS & CRITICAL CARE OUTREACH: THE NEW STUDIES II

- Method 2 - Medical Emergency Team: Hospital Outcomes after a Day - 2nd international study
 - The POPPI study - can critical care and outreach nurses improve psychological outcomes?
- Ralph So**, *Consultant Intensive Care; Medical Manager, Quality, Safety and Innovation, Albert Schweitzer Hospital, Dordrecht*
Dorothy Wade, *Chartered Health Psychologist in the Critical Care Unit, University College London Hospitals Foundation Trust*

15:10 - 15:45 **AFTERNOON COMFORT BREAK**

15:45 - 16:20

STATE OF THE ART MANAGEMENT OF ACUTE KIDNEY INJURY IN THE ACUTE HOSPITAL

- **Chris Laing**, *Clinical Director, Emergency Services, University College London Hospitals*

THE BEST OF THE ABSTRACTS II

16:20 - 16:25 **TIME TO MOVE BETWEEN SESSIONS**

16:25 - 17:00

CLOSING PLENARY

FOR BOOKING ENQUIRIES

CONTACT SYED ALI

AT SYED.ALI@WILMINGTONHEALTHCARE.COM
OR ON +44 (0)20 7608 9072
OR VISIT RAPIDRESPONSE2018.COM

FOR SPONSORSHIP ENQUIRIES

CONTACT JIM CONDON

AT JIM.CONDON@WILMINGTONHEALTHCARE.COM
OR ON +44 (0)20 7608 9063