



Royal College  
of Physicians

# Rapid response systems and medical emergency teams

## 8th international conference

### Conference programme

**13–14 May 2013**

Royal College of Physicians, London, UK



# Programme Monday 13 May 2013 sessions 1–2

08.00 Registration and coffee **Dorchester Library**

09.00 **Session 1 (plenary) – opening session** **Wolfson Theatre**

- > **President’s welcome** Sir Richard Thompson, Royal College of Physicians, UK
- > **Conference organiser’s welcome** Professor Gary Smith, Centre of Postgraduate Medical Research and Education, School of Health and Social Care, Bournemouth University, UK
- > **Opening plenary talk – Rapid response: the past, the present and the future**  
Mr John Welch, University College London Hospitals NHS Foundation Trust, UK

10.30 Morning coffee **Osler and Long Room**

11.00 **Session 2 (concurrent sessions)**

**Linacre and Sloane Room**

**2.1 Does the current system of acute care work?**

- > **Quality of care at night at a weekend in early August** – Professor Derek Bell, Imperial College London, UK
- > **The NCEPOD cardiac arrest report** – Dr Jerry Nolan, Royal United Hospital, Bath, UK
- > **Exploring the errors made by FY1s in acute care contexts** – Dr Vicky Tallentire, University of Edinburgh, UK
- > **The patient perspective** – Ms Suzie Hughes, Royal College of Physicians, UK

*Chair: Dr Chris Subbe, Ysbyty Gwynedd, Bangor, UK*

**Wolfson Theatre**

**2.2 The early recognition and management of:**

- > **Stroke** – Professor Anthony Rudd, Guy’s and St Thomas’ Hospital and King’s College London, UK
- > **Acute kidney injury** – Dr Mark Temple, Birmingham Heartlands Hospital, UK
- > **Sepsis** – Dr Steve Harris, London School of Hygiene and Tropical Medicine, UK
- > **End of life** – Dr Adrian Hopper, Guy’s and St Thomas’ NHS Foundation Trust, London, UK

*Chair: A/Professor Daryl Jones, Austin Hospital, Melbourne, Australia*

**Council Chamber**

**2.3 Do we need continuous monitoring?**

- > **Patterns of observations during the day and night** – Professor David Prytherch, Portsmouth Hospitals NHS Trust/University of Portsmouth, UK
- > **All hospitalised patients should be monitored** – Dr Michael DeVita, Harlem Hospital, USA
- > **Continuous monitoring cannot replace the bedside nurse’s role in the rapid response system** – Ms Rachel Binks, Airedale NHS Foundation Trust, UK
- > **Automated early warning systems as part of a wider e-health initiative** – Dr Brian Robson, Healthcare Improvement Scotland, UK

*Chair: Dr Anne Lippert, Danish Institute for Medical Simulation, Denmark*

12.30 Lunch and poster session **Osler and Long Room / Dorchester Library**

12.55 Lunchtime lecture **Wolfson Theatre**

**Achieving the objectives for which EWS was intended**

Professor Dr Erik Korsten, anaesthesiologist

**Sponsored satellite session by Philips Healthcare**

**PHILIPS**



## Programme Monday 13 May 2013 session 3

### 13.30 Session 3 (concurrent sessions)

#### Linacre and Sloane Room

##### 3.1 National Outreach Forum (NORF) session

- > **Independent prescribing by outreach staff** – Ms Jenny Ricketts, Buckinghamshire Healthcare NHS Trust, UK
- > **A strategic approach to region wide critical care outreach services** – Ms Lesley Durham, North of England Critical Care Network, UK
- > **The role of the physiotherapist in critical care outreach** – Ms Catharine Thomas, Tameside Foundation Trust, UK
- > **The outreach role in managing the psychological fallout of critical illness** – Mr John Welch, University College London Hospitals NHS Foundation Trust, UK, and Dr Dorothy Wade, University College London, UK

*Chair: Ms Sarah Quinton, National Outreach Forum, UK*

#### Council Chamber

##### 3.2 The Royal College of Physicians and acute care

- > **Future Hospital: report of a Royal College of Physicians' Commission** – Professor Tim Evans, Royal College of Physicians, UK
- > **Royal College of Physicians' acute care toolkit (acutely ill)** – Dr Mark Temple, Birmingham Heartlands Hospital, UK
- > **Rescuing the frail elderly** – Dr Chris Subbe, Ysbyty Gwynedd, Bangor, UK

*Chair: Professor Derek Bell, Imperial College London, UK*

#### Wolfson Theatre

##### 3.3 The rapid response system: specific situations

- > **The difference between rapid response systems in community and teaching hospitals** – Dr Michael DeVita, Harlem Hospital, USA
- > **Rapid response in hospital for people who aren't patients** – Dr Babak Sarani, George Washington University Medical Centre, USA
- > **Outreach team activation in alcoholic patients** – Dr Ann Kirby, University of Calgary, Canada
- > **Managing the patient who remains on the ward after the rapid response systems call** – Dr Francesca Rubulotta, Charing Cross and St Mary's Hospitals, London, UK

*Chair: Dr John Kellett, Nenagh General Hospital, Ireland*

### 15.00 Afternoon tea Osler and Long Room

*Programme continued overleaf >*

# Programme Monday 13 May 2013 session 4

15.30 **Session 4 (concurrent sessions)**

Wolfson Theatre	Linacre and Sloane Room	Council Chamber
<p><b>4.1 Changing the culture</b></p> <ul style="list-style-type: none"><li>&gt; <b>Empowering frontline staff</b> – Mr Peter Murphy, Salford Royal NHS Foundation Trust, Salford, UK</li><li>&gt; <b>What seems to be important in getting organisational interventions to work?</b> – Professor Aidan Halligan, University College London Hospitals NHS Foundation Trust, UK</li><li>&gt; <b>Understanding how rapid response systems may improve safety for the acutely ill patient</b> – Professor Jane Sandall, King’s College London, UK</li><li>&gt; <b>Does improving quality save money?</b> – Dr John Øvretveit, Karolinska Institutet, Sweden</li></ul> <p><i>Chair: Dr Michael DeVita, Harlem Hospital, USA</i></p>	<p><b>4.2 Industry session – The role of technology in supporting recognition and response systems</b></p> <p><i>Presentations by:</i></p> <ul style="list-style-type: none"><li>&gt; <b>EarlySense Ltd</b> – EarlySense bedside monitoring and centralised unit management system</li><li>&gt; <b>Hamilton Medical UK</b> – Hamilton T1: Advanced transport ventilator</li><li>&gt; <b>The Learning Clinic</b> – VitalPAC</li><li>&gt; <b>Patientrack</b> – Patientrack</li><li>&gt; <b>Philips Healthcare</b> – IntelliVue Guardian Software</li><li>&gt; <b>Philips Healthcare</b> – IntelliSpace critical care and anaesthesia</li></ul> <p><i>Chair: Professor Ken Hillman, University of New South Wales, Australia</i></p> <p><i>Roundtable: Dr Heather Duncan, Dr John Kellett, Professor Rinaldo Bellomo, Ms Sarah Quinton, Dr Brian Robson.</i></p>	<p><b>4.3 Adopting a ‘national’ early warning system</b></p> <ul style="list-style-type: none"><li>&gt; <b>Why did we need a standardised National Early Warning System?</b> – Professor Derek Bell, Imperial College London, UK</li><li>&gt; <b>Validation data for NEWS</b> – Professor Gary Smith, Centre of Postgraduate Medical Research and Education, School of Health and Social Care, Bournemouth University, UK</li><li>&gt; <b>e-Learning for NEWS</b> – Ms Lesley Durham, North of England Critical Care Network, UK and Ms Rachel Binks, Airedale NHS Foundation Trust, UK</li><li>&gt; <b>Overcoming barriers to NEWS implementation</b> – Mr John Welch, University College London Hospitals NHS Foundation Trust, UK</li></ul> <p><i>Chair: Professor Bryan Williams, chair of medicine, University College London, UK</i></p>

17.00 Close of day and drinks reception **Osler and Long Room**  
*Drinks reception sponsored by Philips Healthcare*

**PHILIPS**

# Programme Tuesday 14 May 2013 session 5

08.30 Coffee **Osler and Long Room**

09.00 **Session 5 (concurrent sessions)**

## Wolfson Theatre

### 5.1 Reports of new research

- > **Early results from the UK National Cardiac Arrest Audit (NCAA)** – Dr Jerry Nolan, Royal United Hospital, Bath, UK
- > **COMET (Cost and Outcomes analysis of Medical Emergency Teams) study** – Dr Jeroen Ludikhuize, Academic Medical Centre, Amsterdam, Netherlands
- > **SPOT<sub>light</sub> and SPOT<sub>id</sub> (Sepsis Pathophysiological and Organisational Timing) studies** – Dr Steve Harris, London School of Hygiene and Tropical Medicine, UK
- > **VITAL study (a multicentre international controlled trial of automated advisory monitoring in hospital wards)** – Professor Rinaldo Bellomo, University of Melbourne, Australia

*Chair: Professor Gary Smith, Centre of Postgraduate Medical Research and Education, School of Health and Social Care, Bournemouth University, UK*

## Seligman Theatre

### 5.2 The patient and family perspective

- > **Why do we need rapid response systems** – Ms Helen Haskell, Mothers Against Medical Error, Columbia, South Carolina, USA
- > **Family escalation of care** – Dr Mandy Odell, Royal Berkshire Hospital, Reading, UK
- > **The UK patient experience of outreach** – Baroness Jill Pitkeathley, House of Lords, UK
- > **Palliative care and the rapid response team** – Dr Michael DeVita, Harlem Hospital, USA

*Chair: Ms Lesley Durham, North of England Critical Care Network, UK*

## Sloane Room

### 5.3 Paediatric and obstetrics session

- > **Early warning through continuous remote monitoring of children** – Dr Heather Duncan, Birmingham, UK
- > **Does every hospital need a paediatric outreach service?** – Ms Sue Chapman, Great Ormond Street Hospital for Children NHS Foundation Trust, London, UK
- > **Identification of sick children in acute care settings** – Dr Damian Roland, University of Leicester, UK
- > **Critical care outreach in obstetric care** – Professor Jane Sandall, King's College London, UK

*Chair: Dr Francesca Rubulotta, Charing Cross and St Mary's Hospitals, London, UK*

10.30 Morning coffee **Osler and Long Room**

# Programme Tuesday 14 May 2013 session 6

## 11.00 Session 6 (concurrent sessions)

### Seligman Theatre

#### 6.1 Education and rapid response systems

- > **NOrF operational standards and competencies for critical care outreach services** – Ms Caroline Barclay, University Hospitals of Leicester, UK
- > **Ensuring that training programmes provide authentic experience, whilst maintaining patient safety** – Dr Vicky Tallentire, University of Edinburgh, UK
- > **Medical emergency teams are bad for medical education** – Dr Babak Sarani, George Washington University Medical Centre, USA
- > **Can simulation ensure a robust and efficient response to deterioration?** – Dr Anne Lippert, Danish Institute for Medical Simulation, Denmark

*Chair: Dr Damian Roland, University of Leicester, UK*

### Sloane Room

#### 6.2 Review of the year's important research publications

- > **Adults** – Dr Francesca Rubulotta, Charing Cross and St Mary's Hospitals, London, UK
- > **Paediatrics** – Ms Sue Chapman, Great Ormond Street Hospital for Children NHS Foundation Trust, London, UK

*Chair: Ms Rachel Binks, Airedale NHS Foundation Trust, UK*

### Wolfson Theatre

#### 6.3 Measuring success

- > **Detecting deterioration earlier** – A/Professor Daryl Jones, Austin Hospital, Melbourne, Australia
- > **Failure to rescue: how to define it and can it be measured** – Dr Chris Subbe, Ysbyty Gwynedd, Bangor, UK
- > **Audit criteria for rapid response systems** – Professor Gary Smith, Centre of Postgraduate Medical Research and Education, School of Health and Social Care, Bournemouth University, UK
- > **Evaluating hospital safety using rapid response systems** – Professor Ken Hillman, University of New South Wales, Australia

*Chair: Dr Brian Robson, Healthcare Improvement Scotland*

12.30 Lunch and poster session **Osler and Long Room / Dorchester Library**

12.55 Lunchtime lecture **Wolfson Theatre**

#### **Impact of a handheld electronic track and trigger system on mortality in two teaching hospitals in England. Results of a retrospective study**

Dr Paul Schmidt, consultant physician in acute medicine, Portsmouth Hospitals NHS Trust, UK  
Dr Peter Greengross, senior clinical research fellow, Imperial College Healthcare NHS Trust and medical director, The Learning Clinic, London, UK

**Sponsored satellite session by principal partner VitalPAC**



# Programme Tuesday 14 May 2013 session 7

## 13.30 Session 7 (concurrent sessions)

### Seligman Theatre

#### 7.1 Engaging others in the rapid response approach

- > **The ward nurses** – Dr Mandy Odell, Royal Berkshire Hospital, Reading, UK
- > **The patient** – Ms Helen Haskell, Mothers Against Medical Error, Columbia, South Carolina, USA
- > **The ward doctors** – Dr Babak Sarani, George Washington University Medical Centre, USA
- > **The hospital management** – Professor Aidan Halligan, University College London Hospitals NHS Foundation Trust, UK

*Chair: Dr John Øvretveit, Karolinska Institutet, Sweden*

### Wolfson Theatre

#### 7.2 Calling criteria for rapid response teams

- > **Early Warning Scores or MET criteria?** – Professor Gary Smith, Centre of Postgraduate Medical Research and Education, School of Health and Social Care, Bournemouth University, UK
- > **Are changes in Early Warning Score values more important than absolute values?** – Dr John Kellett, Nenagh General Hospital, Ireland
- > **Can laboratory tests predict adverse outcomes** – Professor Rinaldo Bellomo, University of Melbourne, Australia
- > **Developing an Early Warning Score based on laboratory tests** – Professor David Prytherch, Portsmouth Hospitals NHS Trust/ University of Portsmouth, UK

*Chair: Dr Heather Duncan, Birmingham, UK*

### Sloane Room

#### 7.3 Rapid response teams and palliative care

- > **The role of the medical emergency team in end-of-life care** – A/Professor Daryl Jones, Austin Hospital, Melbourne, Australia
- > **The AMBER Care Bundle** – Dr Adrian Hopper, Guy's and St Thomas' NHS Foundation Trust, London, UK
- > **A whole systems approach to support person-centred acute care** – Professor Elizabeth Ireland, National Clinical Lead for Palliative and End of Life Care Scotland, UK
- > **Difficulties with DNAR decisions** – Professor Ken Hillman, University of New South Wales, Australia

*Chair: Mr John Welch, University College London Hospitals NHS Foundation Trust, UK*

## 15.00 Afternoon tea Osler and Long Room





## Programme Tuesday 14 May 2013 session 8

---

### 15.30 **Session 8 (concurrent sessions)**

#### Wolfson Theatre

---

##### **8.1 Where's the evidence for rapid response systems**

- > **The impact of the large scale implementation of a rapid response system** – Professor Ken Hillman, University of New South Wales, Australia
- > **Is there a 'dose effect' for rapid response systems?** – Dr Francesca Rubulotta, Charing Cross and St Mary's Hospitals, London, UK
- > **The effect of the introduction of a medical emergency team on patient care in an academic hospital** – Dr Bernard Fikkers, Radboud University, Nijmegen Medical Centre, Netherlands
- > **Impact of a standardised nurse observation protocol including MEWS after intensive care unit discharge** – Mr Koen De Meester, Antwerp University Hospital, Belgium

*Chair: Professor Rinaldo Bellomo, University of Melbourne, Australia*

#### Seligman Theatre

---

##### **8.2 What's going on in the world?**

- > **Wales** – Dr Chris Subbe, Ysbyty Gwynedd, Bangor, UK and Mr Chris Hancock, manager, Rapid Response to Acute Illness Learning Set (RRAILS), NHS Wales, UK
- > **The London–Bedfordshire–Essex UCL Partners project** – Mr John Welch, University College London Hospitals NHS Foundation Trust, UK
- > **Netherlands** – Dr Jeroen Ludikhuizen, Academic Medical Centre, Amsterdam, Netherlands
- > **Australia** – A/Professor Daryl Jones, Austin Hospital, Melbourne, Australia

*Chair: Mr Peter Murphy, Salford, UK*

#### Sloane Room

---

##### **8.3 Roundtable: the future of rapid response systems**

*Panel: Dr Michael DeVita, Ms Rachel Binks, Dr Anne Lippert, Dr Damian Roland, Ms Helen Haskell, Ms Sarah Quinton*

*Chair: Dr Mandy Odell, Royal Berkshire Hospital, Reading, UK*

---

### 17.00 **Session 9 (plenary) – closing comments and poster prizes** Wolfson Theatre

Professor Gary Smith, Centre of Postgraduate Medical Research and Education, School of Health and Social Care, Bournemouth University, UK

---

### 17.15 **Close of conference**



The Royal College of Physicians would like to thank the following companies for their support of the conference:

Principal partner:



Partners:



Drinks reception host:



Supporters:

