

Programme

Thursday 25 – Friday 26 June 2015

Manchester Conference Centre

Thursday 25 June

09:00 - 10:00 Registration, tea/coffee

Morning session (10:00 – 12:30)

Plenary session: 'Big Data and Critical Care'

Chairs: Paul Dark / Stephen Wright

10:00	Welcome	Paul Dark
10:05	Opportunities and challenges for 'Big Data' research in UK	Tjeerd Van Staa
10:30	Population health and critical illness	Naz Lone
10:55	Discussion	

11:10 - 11:30 Tea/coffee

Plenary session: 'Big Data and Critical Care'

Chairs: Stephen Brett / Jane Eddleston

11:30	Case mix and outcomes from critical illness	David Harrison
12:00	Developing 'Big Data' research	Niall MacCallum

12:30 - 13:30 Lunch

Afternoon session (13:30 – 17:15)

Research proposals

Chairs: Catherine Plowright / John Prowle

13:30	A feasibility study of the use of a mechanical chest compression device for in-hospital cardiac arrest	Keith Couper
13:50	Prevention of aspiration in critically ill adults	Matt Morgan
14:10	Simvastatin for the prevention of cardiac and respiratory complications in patients undergoing oesophagectomy – Prospective randomised double blind UK multicentre study	Murali Shyamsundar
14:30	Prospective randomised double blind clinical study to compare the efficacy and safety of aripiprazole versus quetiapine in the management of moderate-severe critical care delirium	Catherine Mckenzie
14:50	Targeted multi-disciplinary intervention to improve patient outcomes after critical care discharge (TRACC): a feasibility study	Ben Morton

15:10 - 15:30 **Tea/coffee**

Research proposals

Chairs: Shondipon Laha / Anthony Gordon

15:30 Study into the REversal of Septic Shock with Beta Blockade (STRESS-BB)

Tony Whitehouse

15:50 pRotective vEntilation with veno-venouS lung assist in respiratory failure (The REST Study)

Danny McAuley

NIHR Critical Care Research Delivery Network

Chairs: Simon Fletcher / Dan Harvey

16:15 Results of the 'Patient Access to Research' project

Natalie Pattison

16:25 Reflections on Developing a National Critical Care Research Delivery Network

Tim Walsh

UKCCRF: an update

Chairs: Tim Walsh / Natalie Pattison

16:50

Tim Walsh and Natalie Pattison

17:15 End of Day 1

19:30

Delegates' Dinner – Manchester Conference Centre

After Dinner Speaker: Dr Peter Nightingale

Friday 26 June

08:30 - 09:00 **Tea/coffee**

Parallel sessions (09:00 – 12:30)

Drugs and therapeutics

Room: The Leader Suite

Guest speakers (Methodologies)

Chairs: Catherine Mckenzie / Ingeborg Welters

- 09:00** Precision medicine in the ICU: The role of pharmacogenomics
Munir Pirmohamed
- 09:30** Getting the dose right: Understanding the PK-PD relationship
Tim Felton
- 10:00** Using therapeutics to explore mechanisms of disease
Tony Rostron

Health Services Research (HSR)

Room: The Pioneer Theatre

Methodological approaches

Chairs: Bronwen Connolly / Natalie Pattison

- 09:00** Overview of qualitative methods in critical research
Ruth Endacott
- 09:30** Core outcome sets for critical care research
Bronagh Blackwood
- 10:00** Process evaluation framework for critical care trials
Lydia Emerson

10:30 – 11:00 **Tea/coffee**

Experimental medicine - developing new therapeutics

Chairs: Tim Felton / Ingeborg Welters

- 11:00** New therapeutics: challenges in translational research
Danny McAuley
- 11:30** First-in-man studies
Richard Fitzgerald
- 12:00** Introducing new drugs into clinical practice – The commercial perspective
David Fineberg

New HSR proposals

Chairs: Bronwen Connolly / Natalie Pattison

- 11:00** Critical Care Nurse Work-Related Stress and Wellbeing: Is there a Relationship with Patient Safety?
Louise McCallum
- 11:25** Sedation Challenge
Valerie Page
- 11:50** The changing support needs of ICU survivors and their families across the care continuum
Bronagh Blackwood
- 12:15** Intermittent versus Continuous Enteral Nutrition in Critical Illness: Project Update
Danielle Bear

12:30-13:30 **Lunch**

Afternoon session (13:30 – 16:30)

Research proposals

Chairs: Tim Walsh / Valerie Page

- | | |
|--|--------------------------------|
| <p>13:30 Normal Saline vs Plasma Lyte and mortality in Critically Ill Patients: a prospective multicenter cluster randomized cross over trial</p> | <p><i>Maurizio Cecconi</i></p> |
|--|--------------------------------|

Exploratory research proposals

Chairs: Tim Walsh / Valerie Page

- | | |
|---|--------------------------------------|
| <p>13:50 Methodological Issues in Early Phase Critical Care Trials</p> | <p><i>Rejina Mariam Verghis</i></p> |
| <p>14:10 Small volume resuscitation With albumin in Intensive care: Study of Haematological effects (SWISH)</p> | <p><i>Jonathan Bannard-Smith</i></p> |
| <p>14:30 Breath Analysis in Intensive Care: Proof of Concept for Non-Invasive Diagnosis of Ventilator Associated Pneumonia (BRAVo)</p> | <p><i>Pouline van Oort</i></p> |

14:50 - 15:10 Tea/coffee

**Plenary Session:
Masterclass on planning clinical trials in the NHS**

Chairs: Tim Felton / Christina Jones

15:10	Asking the right research question - they asked, we did	<i>Anthony Gordon</i>
15:30	Stakeholder involvement in developing research priority	<i>Hannah Reay</i>
15:50	Setting up PPI for clinical trials	<i>Joyce Yeung</i>
16:10	Patient experience	<i>Norman Druce</i>

16:30 Close of meeting and hand over to 'Newcastle 2016'

Hosted by

Manchester Academic Health Sciences Centre (University of Manchester)

Supported by

Association of North Western Intensive Care Units (ANWICU)

Faculty of Intensive Care Medicine (FICM)

Intensive Care Foundation (ICF)

Intensive Care National Audit & Research Centre (ICNARC)

North West Research and Audit Group (NWRAG)

United Kingdom Clinical Pharmacy Association (UKCPA)

Speakers/Chairs

Jonathan Bannard-Smith	Consultant Critical Care Manchester Royal Infirmary
Danielle Bear	Principal Critical Care Dietitian Guy's and St Thomas' NHS Foundation Trust
Bronagh Blackwood	Senior Lecturer Queen's University Belfast
Stephen Brett	Consultant in Intensive Care Medicine Imperial College London
Maurizio Cecconi	Consultant/Honorary Senior Lecturer in Anaesthesia/ Intensive Care Medicine St George's University Hospitals NHS Foundation Trust
Bronwen Connolly	Senior Clinical Research Physiotherapist Guy's and St Thomas' NHS Foundation Trust
Keith Couper	Critical Care Research Fellow Heart of England NHS Trust
Paul Dark	Reader/NHS Consultant University of Manchester/Salford Royal NHS Foundation Trust
Norman Druce	Patient representative Greater Manchester Critical Care Network
Jane Eddleston	Clinical Head CSS Division Manchester Royal Infirmary
Lydia Emerson	MRC PhD Candidate Queen's University Belfast
Ruth Endacott	Professor of Clinical Nursing (Critical Care) Plymouth University
Tim Felton	Consultant in Intensive Care Medicine University Hospital of South Manchester
David Fineberg	Medical Director Asahi Kasei Pharma America Corporation
Richard Fitzgerald	Co-Director Royal Liverpool University Hospital, Clinical Research Unit
Simon Fletcher	Consultant in Anaesthesia and Intensive Care Norfolk & Norwich University NHS Foundation Trust
Anthony Gordon	Clinical Senior Lecturer Imperial College London
David Harrison	Senior Statistician ICNARC
Dan Harvey	Consultant Critical Care Nottingham University Hospitals
Christina Jones	Trustee ICUSteps
Shondipon Laha	Consultant Lancashire Teaching Hospitals NHS Foundation Trust
Naz Lone	Senior Clinical Lecturer University of Edinburgh

Danny McAuley	Professor of Intensive Care Medicine Queen's University Belfast
Niall MacCallum	Senior Research Fellow University College London
Louise McCallum	PhD Student University of Dundee
Catherine Mckenzie	Consultant Pharmacist Guys and St Thomas' NHS Foundation Trust
Matt Morgan	Clinical Lecturer University Hospital of Wales
Ben Morton	Advanced Critical Care and Honorary Research Fellow Aintree University Hospital
Peter Nightingale	Consultant in Anaesthesia and Intensive Care Medicine University Hospital of South Manchester
Valerie Page	Consultant, Anaesthesia and Critical Care Watford General Hospital
Natalie Pattison	Senior Clinical Nursing Research Fellow The Royal Marsden NHS Foundation Trust
Munir Pirmohamed	Professor of Molecular and Clinical Pharmacology University of Liverpool
Catherine Plowright	Consultant Nurse Critical Care Medway NHS Foundation Trust
John Prowle	Consultant in Intensive Care and Renal Medicine Barts Health NHS Trust
Hannah Reay	Research Fellow University of Birmingham
Tony Rostron	Academic Clinical Lecturer Newcastle University
Murali Shyamsundar	Clinical Senior Lecturer Queens University Belfast
Pouline van Oort	Clinical Research Fellow Institute of Inflammation and Repair University Hospital of South Manchester
Tjeerd Van Staa	Professor of Health eResearch Farr Institute for Health Informatics Research, University of Manchester
Rejina Mariam Verghis	Junior Biostatistician School of Medicine
Tim Walsh	Professor of Critical Care University of Edinburgh
Ingeborg Welters	Senior Clinical Lecturer University of Liverpool
Tony Whitehouse	Consultant Critical Care and Anaesthesia Queen Elizabeth Hospital Birmingham
Stephen Wright	Consultant in Anaesthesia and Intensive Care Freeman Hospital
Joyce Yeung	Clinician Scientist in Anaesthesia University of Birmingham