



# UKCCRG

## UK Critical Care Research Group

# Programme

**Thursday 7 – Friday 8 June 2018**

**Peter Froggart Centre, Queen's University, Belfast**

### Thursday 7 June

**08:30 - 09:30**      **Registration, tea/coffee**

#### Morning session (09:30 – 13:00)

##### Plenary session

**Chairs:** *Danny McAuley & Murali Shyamsundar*

09:30	Welcome	<i>Danny McAuley &amp; Murali Shyamsundar</i>
09:40	NIHR CRN update on UK Critical Care research	<i>Paul Dark</i>
10:10	NIHR - the next decades	<i>Stephen Smye</i>
10:40	NIHR Critical Care research priority setting survey results	<i>Danny McAuley</i>

**11:00 - 11:30**      **Tea/coffee**

##### Trials methodology

**Chairs:** *Bronagh Blackwood/Rob MacSweeney*

11:30	p values - problems with conventional statistical tests and p values	<i>David Harrison</i>
11:50	Outcomes in critical care trials	<i>Anthony Gordon</i>
12:10	Pros and cons of blinded trials	<i>John Norrie</i>
12:30	Panel discussion	

**13:00 - 13:50**      **Lunch**

##### 13:10 Research Working Group Meetings

REST  
PEPTIC  
HEMOTION

## Afternoon session (13:50 – 18:15)

### Research proposals

**Chairs** *Mervyn Singer*

13:50 VITDALIZE UK  
Dhruv Parekh

14:15 Improving mental health outcomes of family  
*Valerie Page*

14:40 Valproate for delirium in ITU  
*Tonny Veenith*

15:05 HARP Precision  
*Cecilia O’Kane*

**Chairs** *Catherine McKenzie*

Behavioural Factors influencing patient participation in rehabilitation  
*Catherine Lawrence*

Patient and family-initiated escalation of care  
*Aidín McKinney*

POC microbiological test for septic patients in Africa  
*Ben Morton*

In-hospital cardiac arrest outcome prediction  
*Keith Couper*

**15:30 - 16:00 Tea/coffee**

### Plenary session: Maximising trial success and impact

**Chairs:** Suzanne Bench/Ben Creagh-Brown

16:00 Social media supporting trials *Rob MacSweeney*

16:20 Evaluating the process of delivering complex trials: how & why *Bronagh Blackwood*

16:40 Efficient trial designs *Kathy Rowan*

17:00 Panel discussion

### 17:30 Research Working Group Meetings

REALIST

A-STOP

A2B

**19:30 Wine Reception - Naughton Gallery**

**20:00 Irish Dance display – Black & White Hall**

**20:30 Delegates’ Dinner – The Great Hall**

**Queen's University, University Road, Belfast**

## Friday 8 June

**08:00** UKCCRG Annual General Meeting: all welcome

**Chair:** *Tim Walsh*

**08:30 - 09:00** Registration, tea/coffee

### Morning session (09:00 – 12:40)

**Plenary session: Trials – Looking ahead**

**Chairs:** *Bronagh Blackwood/Manu Shankar-Hari*

09:00 Physical rehabilitation in the critically ill - look back to shape the future *Bronwen Connolly*

09:20 Impact of research *Jon Nicholl*

09:40 ARDS: Do definitions matter? *Gordon Rubenfeld*

10:00 Panel discussion

**10:20 - 10:50** Tea/Coffee

### Research Proposals

**Chairs** *Danny McAuley*

**Chairs** *Cecilia O’Kane*

10:50 NAVA versus PSV in Prolonged Weaning  
*Daniel Hadfield*

10:50 ImPROving Psychological Health in Critical  
CaRE SurvivorS (PROGRESS)  
*Natalie Pattison*

11:15 Goal-directed treatment of cardiac arrest  
Keith Couper

11:15 Phenotyping in hyperlactaemic shock  
*Joseph Alderman*

11:40 Hyperosmolar therapy in TBI  
*Tonny Veenith*

11:40 Lung microbiome and post-operative  
pulmonary complications  
*Murali Shyamsundar*

12:05 Sepsis Trials In Critical Care  
*Anthony Gordon*

12:00 Assessment of Tracheostomy Insertion  
and Care  
*Aggie Skorko*

12:20 Improving swallowing outcomes in  
cardiac surgery patients  
*Sallyanne Duncan*

**12:40-13:30** Lunch

**12:45-13:30** Current critical care trials and co-enrolment agreements

**Chair:** *Steve Brett*

Session open to Chief investigators of critical care trials – current and in set up

**12:45 -13:30** UK AHP and Nurses Network of Critical Care Researchers meeting

**Chair:** *Natalie Pattison*

## 12:45 Research Working Group Meetings

65

ADAPT-SEPSIS

RE-MAP CAP

## Afternoon session (13:30 – 16:20)

### Plenary Session: Trial badging and adoption

**Chair:** Paul Dark

13:30 UKCCRG – Trial badging and adoption

*Tim Walsh/Bronwen  
Connolly / Natalie Pattison*

13:45 Discussion

### Research Proposals

**Chairs** Anthony Gordon

**Chairs** Bronagh Blackwood

14:00 Necroptosis and apoptosis in the severity  
and progression of ARDS  
Brijesh Patel

14:00 Developing core outcome dataset for  
delirium  
*Valerie Page*

14:20 P4 peptide: A first in human translational  
study  
Ben Morton

14 25 Management of cerebral gas embolism  
*Pieter Bothma*

14:40 Mucoactive agents in acute respiratory  
failure  
Bronwen Connolly

14 50 Burn out in critical care  
*Richard Innes*

15:00 Update on STARRT AKI  
Marlies Osterman

15:15 Update on HEMOTION  
Alexis Turgeon-Fournier

### Plenary Session:

**Chairs:** Natalie Pattison /Bronwen Connolly

15:30 Trial Forge: how to make trial process decisions more  
Evidence- informed

Shaun Treweek

15:50 Challenges of platform trials

Alistair Nichol

16:10 Panel discussion

**16:20**

**Close of meeting and hand over to Leeds 2019**

## Speakers/Chairs

Leona Bannon	R & D Research Fellow Queen's University Belfast
Suzanne Bench	Associate Professor of Nursing London South Bank University
Bronagh Blackwood	Professor of Critical Care Research Queen's University Belfast
Bronwen Connolly	Consultant Clinical Research Physiotherapist Guy's & St Thomas' NHS Foundation Trust
Ben Creagh-Brown	Consultant Intensivist University of Surrey and Royal Surrey County Hospital
Paul Dark	Professor of Critical Care Medicine University of Manchester
Anthony Gordon	Chair in Anaesthesia & Critical Care Imperial College London
David Harrison	Head Statistician Intensive Care National Audit & Research Centre
Rob MacSweeney	Consultant Intensivist Royal Victoria Hospital, Belfast
Danny McAuley	Consultant/Professor in ICM Queen's University, Belfast
Cathrine McKenzie	Clinical Academic Pharmacist University College London
Alistair Nichol	Professor of Critical Care Medicine University College Dublin
Jon Nicholl	Professor SchARR, University of Sheffield
John Norrie	Chair of Medical Statistics & Trial Methodolgy ECTU, University of Edinburgh
Cecilia O'Kane	Consultant/Senior Lecturer Queen's University, Belfast
Natalie Pattison	Florence Nightingale Foundation Clinical Professor East & North Herts NHS Trust/University of Herts
Kathy Rowan	CTU Director Intensive Care National Audit & Research Centre
Gordon Rubinfeld	Professor of Medicine University of Toronto
Manu Shankar-Hari	Consultant in ICM & NIHR Clinician Scientist Guy's & St Thomas' NHS Foundation Trust
Murali Shyamsundar	Clinical Senior Lecturer Queen's University, Belfast
Mervyn Singer	Professor of Intensive Care Medicine University College London
Stephen Smye	NIHR CRN Specialty Cluster Lead National Institute of Health Research
Shaun Treweek	Professor of Health Services Research University of Aberdeen
Tim Walsh	Professor of Critical Care University of Edinburgh

UKCCRF 2018 was generously supported by

HSC R&D Division, Public Health Agency, Belfast

NIHR Clinical Research Network, National Cluster Hub C (Critical Care)(NSL Fund)

The Forum is the annual meeting of the UK Critical Care Research Group (UKCCRG) which is sponsored by

Association of Chartered Physiotherapists in Respiratory Care

British Association of Critical Care Nurses

Faculty of Intensive Care Medicine

Intensive Care National Audit & Research Centre

Intensive Care Society

National Outreach Forum

Northern Irish Intensive Care Society

Scottish Intensive Care Society

United Kingdom Clinical Pharmacy Association

Welsh Intensive Care Society