

**MAIN AUDITORIUM**

**08.00 – 08.45** Registration

**08.45 – 09.00** Introduction  
*Dr Roop Kishen*

**KEYNOTE ADDRESS**

**09.00 – 09.30** Non-antibiotic solutions for pan-resistant microbial pathogens  
*Prof Steven Opal*

**MAIN AUDITORIUM**

**SEPSIS 1**

*Chairpersons: Prof Paul Dark & Prof Fang Gao Smith*

**09.35 – 09.50** New sepsis guidelines, facts and controversies  
*Prof Richard Beale*

**09.50 – 10.05** Sepsis - epidemiology SSC / NICE initiative in the UK  
*Dr Ron Daniels*

**10.05 – 10.20** Host pathogen interactions  
*Prof Peter Pickkers*

**10.20 – 10.35** Sepsis biomarkers - where do we stand?  
*Prof Jean-Daniel Chiche*

**10.35 – 10.50** Questions

**10.50 – 11.10** **Coffee Break**

**TOPICS 1**

*Chairpersons: Prof Jean-Daniel Chiche & Prof Danny McAuley*

**11.10 – 11.25** Lessons learnt from emergency healthcare responses to the Manchester Arena bombing  
*Prof Paul Dark*

**11.25 – 11.40** Risk stratification and management of the high risk surgical patient  
*Dr Murillo Santucci Cesar de Assunção*

**11.40 – 11.55** The carnal total artificial heart: where are we up to?  
*Prof Bernard Cholley*

**11.55 – 12.10** Hospital readmissions in ICU survivors  
*Dr Nazir Lone*

**12.10 – 12.30** Questions

**SEMINAR ROOM 1**

**FLUIDS**

*Chairpersons: Dr Roop Kishen & Prof Michel Slama*

**09.35 – 09.50** What is the ideal fluid in Critical Care?  
*Dr Roop Kishen*

**09.50 – 10.05** Fluid resuscitation - when to stop fluid administration  
*Prof Jan De Waele*

**10.05 – 10.20** Albumin in sepsis  
*Prof Yasser Sakr*

**10.20 – 10.35** Questions

**10.35 – 11.00** **Coffee Break**

**SEPSIS - MANIFESTATIONS, DIAGNOSIS & MONITORING**

*Chairpersons: Prof Richard Beale & Dr Ron Daniels*

**11.00 – 11.15** Fever - friend or foe?  
*Prof Steven Opal*

**11.15 – 11.30** Maternal sepsis  
*Prof Fang Gao Smith*

**11.30 – 11.45** Septic shock and ARDS  
*Prof Richard Beale*

**11.45 – 12.15** Holistic Critical Care ultrasound - can rapidly document a source of sepsis  
*Prof Daniel Lichtenstein*

**TUTORIALS / WORKSHOPS**

**11.10 – 12.30**

**SEMINAR ROOM 3**

Acid-base - Stewart's approach  
*Dr Roop Kishen*

**SEMINAR ROOM 4**

How not to run an incident investigation in your unit  
*Dr Paul Barach*

## MAIN AUDITORIUM

### PRO-CON DEBATE

*Chairperson: Dr Andrew Bentley*

An ICU follow-up clinic is too late for survivors

**12.30 – 12.45** PRO  
*Prof Tim Walsh*

**12.45 – 13.00** CON  
*Dr Peter Spronk*

**13.00 – 13.10** Questions

**13.10 – 14.00** Lunch

### ARDS

*Chairpersons: Dr Zudin Puthuchery &  
Dr Murillo Santucci Cesar de Assunção*

**14.00 – 14.15** Fluid management in ARDS  
*Prof Jean-Louis Teboul*

**14.15 – 14.30** Human models to define new treatments for ARDS  
*Prof Danny McAuley*

**14.30 – 14.45** Use of stem cells in ARDS  
*Prof Geoff Bellingan*

**14.45 – 15.00** Future therapies in ARDS  
*Prof Danny McAuley*

**15.00 – 15.20** Questions

**15.20 – 15.50** Coffee Break

### REHABILITATION

See next page

## SEMINAR ROOM 1

### SEPSIS - MANIFESTATIONS, DIAGNOSIS & MONITORING

(continued)

*Chairpersons: Prof Richard Beale & Dr Ron Daniels*

**12.15 – 12.30** How should you choose haemodynamic monitoring in septic shock patients?  
*Prof Jean-Louis Teboul*

**12.30 – 12.50** Questions

**12.50 – 13.50** Lunch

### SEPSIS - MANAGEMENT 1

*Chairpersons: Dr Adrian Wong &  
Dr Marlies Ostermann*

**13.50 – 14.05** Source control in septic shock  
*Prof Jan De Waele*

**14.05 – 14.20** Septic shock: is the endotoxin removal an option?  
*Prof Massimo Antonelli*

**14.20 – 14.35** Volume optimisation in sepsis: understanding the evidence  
*Prof Yasser Sakr*

**14.35 – 14.50** Practical use of vasopressors in septic shock  
*Prof Jean-Louis Teboul*

**14.50 – 15.05** Questions

**15.05 – 15.30** Coffee Break

### SEPSIS - MANAGEMENT 2

See next page

## TUTORIALS / WORKSHOPS

**14.00 – 15.00**

### SEMINAR ROOM 3

Safety in ICU (*to be confirmed*)

*Prof Jean-Daniel Chiche*

*Dr Paul Barach*

### SEMINAR ROOM 4

Tricks in ICU

*Dr Eric Hodgson*

### SEMINAR ROOM 5

Practical Bronchoscopy for ICU (*Limited places*)

*Dr Suveer Singh*

**MAIN AUDITORIUM**

**REHABILITATION**

*Chairpersons: Dr Nazir Lone & Dr Deepak Govil*

- 15.50 – 16.05** What quality indicators should we use for ICU rehabilitation?  
*Prof Tim Walsh*
- 16.05 – 16.20** Engaging the patient in rehabilitation - interactive gaming is the future  
*Dr Peter Spronk*
- 16.20 – 16.35** Animal assisted activity in ICU  
*Dr Eric Hodgson*
- 16.35 – 16.50** Evidence for physical rehabilitation across the recovery continuum and the “evidence reality” gap  
*Dr Bronwen Connolly*
- 16.50 – 17.05** Rehabilitation post-ICU - the REVIVE trial  
*Prof Danny McAuley*
- 17.05 – 17.30** Questions

**SEMINAR ROOM 1**

**SEPSIS - MANAGEMENT 2**

*Chairpersons: Prof Steven Opal & Dr Miguel Tavares*

- 15.30 – 15.45** Alkaline phosphatase for sepsis induced AKI  
*Prof Peter Pickkers*
- 15.45 – 16.00** EGDT in sepsis for 2018  
*Prof Jean-Daniel Chiche*
- 16.00 – 16.15** Sepsis bundles in a resource limited country  
*Dr Murillo Santucci Cesar de Assunção*
- 16.15 – 16.30** Questions

**EDUCATION & ETHICS**

*Chairpersons: Associate Prof Aarti Sarwal & Prof Peter Pickkers*

- 16.30 – 16.45** Bioethics for the 21<sup>st</sup> century  
*Prof Leslie Whetstone*
- 16.45 – 17.00** Stimulation for education in ICU: new scopes and scenarios  
*Associate Prof Aarti Sarwal*
- 17.00 – 17.15** Social media - from tweets to bedside  
*Dr Adrian Wong*
- 17.15 – 17.30** Questions

**TUTORIALS / WORKSHOPS**

**16.00 – 17.00**

**SEMINAR ROOM 3**

Anaemia and blood transfusion issues - update  
*Prof Tim Walsh*  
*Prof Yasser Sakr*

**SEMINAR ROOM 4**

Practice of the RRT in ICU - the questions you are reluctant to ask  
*Dr Marlies Ostermann*  
*Dr Roop Kishen*

**SEMINAR ROOM 5**

Practical Bronchoscopy for ICU (*Limited places*)  
*Dr Suveer Singh*

**SYMPOSIUM DINNER**

**19.00 for 19.30 SYMPOSIUM DINNER**

*Admission by pre-booked ticket only*

**Venue:** Directors Suite  
The Principal Manchester  
Oxford Street  
Manchester M60 7HA

**AFTER DINNER SPEECH**

Have we got sepsis wrong?  
*Dr Paul Barach*

**MAIN AUDITORIUM**

08.15 – 09.00 Registration

**KEYNOTE ADDRESS**

Chairperson: *Prof Leslie Whetstone*

09.00 – 09.30 50 years of ARDS: what has been changed?  
*Prof Massimo Antonelli*

**MAIN AUDITORIUM**

**NUTRITION**

Chairpersons: *Dr Bronwen Connolly & Prof Tim Walsh*

09.35 – 09.50 What, when and how?  
*Dr Marlies Ostermann*

09.50 – 10.05 A standard bag of TPN vs custom made ones -  
 what is the point?  
*Dr Adrian Wong*

10.05 – 10.20 Future direction of nutritional research  
*Dr Zudin Puthuchery*

10.20 – 10.35 Questions

10.35 – 11.00 **Coffee Break**

**PRO-CON DEBATE**

Chairperson: *Dr Paul Barach*

Can expenses in ICU be brought under control?  
 ECMO, blood purification, stem cell and LVADs etc. for ALL

11.00 – 11.15 PRO  
*Prof Jean-Daniel Chiche*

11.15 – 11.30 CON  
*Prof Richard Beale*

11.30 – 11.45 Questions

**SEMINAR ROOM 1**

**ARDS 2**

Chairpersons: *Prof Xavier Monnet & Prof Geoff Bellingan*

09.35 – 09.50 First line intervention in hypoxemic patients:  
 HFOT or NV  
*Prof Massimo Antonelli*

09.50 – 10.05 Ultrasound to assess the diaphragmatic function in  
 ventilated and critically ill patients  
*Prof Bernard Cholley*

10.05 – 10.20 ECCO2R in acute respiratory failure  
*Prof Danny McAuley*

10.20 – 10.35 Latest update on interferon in ARDS  
*Prof Geoff Bellingan*

10.35 – 10.50 Questions

10.50 – 11.20 **Coffee Break**

**WEANING**

Chairpersons: *Prof Jean-Louis Teboul & Dr Andrew Bentley*

11.20 – 11.35 NAVA - when, how and to whom?  
*Dr Deepak Govil*

11.35 – 11.50 Weaning failure due to cardiac origin  
*Prof Xavier Monnet*

**TUTORIALS / WORKSHOPS**

09.35 – 10.45

**SEMINAR ROOM 3**

Telemedicine  
*Prof Leslie Whetstone & Prof Richard Beale*

**SEMINAR ROOM 4**

Ultrasound of diaphragm during mechanical ventilation  
*Associate Prof Aarti Sarwal & Dr Jose L. Diaz-Gomez*

**SEMINAR ROOM 5**

Practical Bronchoscopy for ICU (*Limited places*)  
*Dr Suveer Singh*

11.00 – 12.00

**SEMINAR ROOM 3**

Haemodynamic monitoring including straight leg raising  
*Prof Jean-Louis Teboul & Dr Murillo Santucci Cesar de Assunção*

**SEMINAR ROOM 4**

Antibiotics - all you need to know in Intensive Care  
*Prof Paul Dark & Prof Jan De Waele*

**SEMINAR ROOM 5**

Practical Bronchoscopy for ICU (*Limited places*)  
*Dr Suveer Singh*

**MAIN AUDITORIUM**

**NEURO CRITICAL CARE**

*Chairpersons: Prof Yasser Sakr & Dr Ashley Miller*

- 11.45 – 12.00** Peri-operative management of patients with acute ischemic stroke  
*Dr Jose L. Diaz-Gomez, MD*
- 12.00 – 12.15** Early mobilisation in neuro critical care  
*Associate Prof Aarti Sarwal*
- 12.15 – 12.30** Prevention of delirium in ICU patients  
*Prof Peter Pickkers*
- 12.30 – 12.45** Questions
- 12.45 – 13.45** **Lunch**

**MANAGEMENT**

*Chairpersons: Dr Andrew Bentley & Dr Suveer Singh*

- 13.45 – 14.00** NOAC reversal: a dream come true  
*Dr Eric Hodgson*
- 14.00 – 14.15** Peri-operative management of patients with pulmonary hypertension  
*Dr Jose L. Diaz-Gomez, MD*
- 14.15 – 14.30** Levosimendan in severe heart failure  
*Dr Christian Sitzwhol*
- 14.30 – 14.45** Management of the obese in Critical Care  
*Dr Andrew Bentley*
- 14.45 – 15.00** Questions
- 15.00 – 15.20** **Coffee Break**

**SEMINAR ROOM 1**

**WEANING** (continued)

*Chairpersons: Prof Jean-Louis Teboul & Dr Andrew Bentley*

- 11.50 – 12.05** Avoiding failed extubation  
*Dr Eric Hodgson*
- 12.05 – 12.20** Weaning from prolonged ventilation  
*Dr Andrew Bentley*
- 12.20 – 12.40** Questions
- 12.40 – 13.40** **Lunch**

**RENAL**

*Chairpersons: Prof Michel Slama & Prof Daniel Lichtenstein*

- 13.40 – 13.55** Fluid challenges for oliguria - useful or a knee-jerk reaction  
*Dr Roop Kishen*
- 13.55 – 14.10** Biomarkers for acute kidney injury  
*Dr Marlies Ostermann*
- 14.10 – 14.25** Early vs late initiation of CRRT  
*Prof Peter Pickkers*
- 14.25 – 14.40** The dark side of CRRT  
*Dr Marlies Ostermann*
- 14.40 – 15.00** Questions
- 15.00 – 15.20** **Coffee Break**

**TUTORIALS / WORKSHOPS**

**12.15 – 13.15**

**SEMINAR ROOM 3**

Cardiovascular physiology relevant to Intensive Care  
*Prof Xavier Monnet*  
*Prof Bernard Cholley*  
*Dr Miguel Tavares*

**SEMINAR ROOM 4**

Ultrasound in Acute Care - all you are afraid to ask  
*Dr Thomas Clark*  
*Dr Deepak Govil*  
*Dr Adrian Wong*  
*Dr Jose L. Diaz-Gomez, MD*  
*Dr Miguel Tavares*

**14.00 – 15.00**

**SEMINAR ROOM 3**

Simulation in ICU  
*Associate Prof Aarti Sarwal*  
*Dr Zudin Puthucheary*

**SEMINAR ROOM 4**

**ROUND TABLE:** Quality, safety, burnout and research in ICU - ask the experts

*Chairperson: Dr Paul Barach*

*Prof Fang Gao Smith*  
*Dr Nazir Lone*  
*Prof Tim Walsh*  
*Dr Bronwen Connolly*  
*Dr Eric Hodgson*  
*Dr Adrian Wong*

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**MAIN AUDITORIUM**

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**TOPICS 2**

*Chairpersons: Dr Roop Kishen & Prof Paul Dark*

**15.20 – 15.35** How to recognise failing right ventricle  
*Prof Michel Slama*

**15.35 – 15.50** When to stop antibiotics in sepsis  
*Prof Paul Dark*

**15.50 – 16.15** Mechanisms of spread of antibiotic resistance genes;  
are we in a losing struggle?  
*Prof Steven Opal*

**16.15 – 16.30** Questions

**CLOSING LECTURE**

*Chairpersons: Dr Roop Kishen & Prof Paul Dark*

**16.30 – 16.50** Future of Intensive Care - the challenges  
*Prof Richard Beale*

**16.50 – 17.00** Closing remarks  
*Dr Roop Kishen*

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