

CONCERT HALL

- 08.00 – 08.45** Registration
- 08.45 – 09.00** Introduction
Dr Peter Spronk

KEYNOTE ADDRESS

- 09.00 – 09.30** On the other side of the stethoscope: when the intensivist becomes sick
Dr Don Chalfin

SEPSIS - BASICS

Chairpersons: Dr Peter Spronk & Dr Roop Kishen

- 09.30 – 09.45** Biology of vascular responsiveness in sepsis - lessons from ADRENAL
Prof Bala Venkatesh
- 09.45 – 10.00** Microcirculation is the motor of organ failure
Prof Can Ince
- 10.00 – 10.15** Chronic alcohol and sepsis
Prof Craig Coopersmith
- 10.15 – 10.30** Sepsis 3 - three years on
Prof Mervyn Singer
- 10.30 – 10.50** Questions
- 10.50 – 11.10** **Coffee Break**

CONCERT HALL

CARDIOVASCULAR

Chairpersons: Prof Anthony Gordon & Dr Ravi Kumar

- 11.10 – 11.30**
SESAME protocol: a focused whole-body approach to cardiac arrest
Prof Daniel Lichtenstein
- 11.30 – 11.45**
Use of adrenaline in out of hospital cardiac arrest
Dr Michael Kuiper
- 11.45 – 12.00**
ECMO - CPR
Dr Tim Hayes
- 12.00 – 12.15**
Deep dive into diastolic heart failure: why nothing works?
Prof Steven Hollenberg
- 12.15 – 12.30** Questions

LECTURE THEATRE

CONTROVERSIES

Chairpersons: Dr Francesca Rubulotta & Dr Antonios Liolios

- 11.10 – 11.25**
Vit C / steroids / thiamine in sepsis
Prof Craig Coopersmith
- 11.25 – 11.40**
Gender equality means that conferences should not name speakers
Dr Adrian Wong
- 11.40 – 11.55**
Permissive anaemia
Dr Roop Kishen
- 11.55 – 12.10**
Hypovolaemia does not exist in ICU
Dr Ashley Miller
- 12.10 – 12.25**
Personalised care is just an excuse for people to ignore guidelines and best practice
Dr Adrian Wong
- 12.25 – 12.50** Questions
- 12.50 – 13.50** **Lunch**

CONFERENCE ROOM

PRACTICAL ASPECTS IN ICU 1

Chairpersons: Dr Tony Thomas & Dr Tony Whitehouse

- 11.10 – 11.25**
Abdominal emergencies in ICU
Dr Deepak Govil
- 11.25 – 11.40**
Mechanical insufflation-exsufflation (cough assist)
Ms Rachael Moses
- 11.40 – 11.55**
Emergency front of the neck access - another victory for ultrasound
Dr Justin Kirk-Bailey
- 11.55 – 12.10**
Extubation in ICU
Prof Hannah Wunsch
- 12.10 – 12.25**
Clinical frailty - what is it, why do we need to know?
Dr David McWilliams
- 12.25 – 12.50** Questions
- 12.50 – 13.50** **Lunch**

TUTORIALS / WORKSHOPS / ROUND TABLE

11.10 – 13.00

Seminar Room 2: Round Table

Sepsis - the challenge

Moderator: Prof Tim Buchman
Prof Mervyn Singer
Prof Craig Coopersmith
Prof Rui Moreno
Prof Ruth Kleinpell
Prof Kathy Rowan

12.00 – 13.00

Seminar Room 3: Round Table

Tracheostomy - all you need to know

Moderator: Dr Paul Morgan
Dr Jose Chacko
Dr Jackie McRae
Ms Rachael Moses

Small Meeting Room: Workshop

Bronchoscopy in ICU - all you need to know

Dr Suveer Singh

CONCERT HALL

PRO-CON DEBATE

Chairperson: Prof Paolo Pelosi

Steroids in sepsis

12.30 – 12.45 PRO
Prof Anthony Gordon

12.45 – 13.00 CON
Dr Jean-Louis Vincent

13.00 – 13.10 Questions

13.10 – 14.00 Lunch

NEURO CRITICAL CARE

*Chairpersons: Dr Michael Kuiper &
 Dr Ravi Kumar*

14.00 – 14.15
 Early brain injury in ICU: too little too late
Dr Matthew Rowland

14.15 – 14.30
 ICP - more than a number
Prof Rui Moreno

14.30 – 14.45
 Intracranial haemorrhage: emerging research in
 minimally invasive options for intensivists to know
Associate Prof Aarti Sarwal

14.45 – 15.00
 Ketones as neuro protective agents
Prof Bala Ventakesh

15.00 – 15.20 Questions

15.20 – 15.50 Coffee Break

LECTURE THEATRE

SEPSIS - MANAGEMENT

*Chairpersons: Dr Rob MacSweeney &
 Dr Paul Morgan*

13.50 – 14.05
 10 elements that can improve outcome in sepsis
Prof Jean-Louis Vincent

14.05 – 14.20
 How we optimized vasopressor use in sepsis
Prof Hannah Wunsch

14.20 – 14.35
 Beta blockers in septic shock
Dr Tony Whitehouse

14.35 – 14.50
 Quality improvement in sepsis management
Prof Tim Buchman

14.50 – 15.05 Questions

15.05 – 15.30 Coffee Break

ICU ISSUES 1

*Chairpersons: Dr Ruth Kleinpell &
 Dr Jackie McRae*

15.30 – 15.45
 How bed availability drives care
Prof Hannah Wunsch

15.45 – 16.00
 WHO's in Critical Care
Dr Tony Thomas

16.00 – 16.15
 Quality improvement and evidence based practice
Dr Paul Morgan

16.15 – 16.30
 SLT in critical care
Dr Jackie McRae

16.30 – 16.45
 Addressing burnout in critical care providers
Prof Ruth Kleinpell

CONFERENCE ROOM

COMMUNICATIONS / ETHICS / HEALTH ECONOMICS

*Chairpersons: Associate Prof Leslie Whetstone &
 Dr Niels Van Regenmortel*

13.50 – 14.05
 Basic concepts and philosophy of health economics:
 why is it relevant for clinicians?
Dr Don Chalfin

14.05 – 14.20
 Metrics of rapid response systems -
 results from the 3rd Consensus Conference
Dr Francesca Rubulotta

14.20 – 14.35
 Current controversies in ethics
Associate Prof Leslie Whetstone

14.35 – 14.50
 Communications in the ICU
Prof Jean-Louis Vincent

14.50 – 15.05 Questions

15.05 – 15.30 Coffee Break

NUTRITION

*Chairpersons: Prof Mervyn Singer &
 Dr Matthew Rowland*

15.30 – 15.50
 Nutrition in the critically ill - consensus and
 controversies
Dr Roop Kishen

15.50 – 16.10
 Monitoring a medical nutrition intervention in ICU
Dr Alex Katanakis

16.10 – 16.30 Questions

TUTORIALS / WORKSHOPS / ROUND TABLE

14.00 – 15.00

Seminar Room 2: Round Table Rehabilitation in ICU

Moderator: Dr Peter Spronk

*Ms Rachael Moses
 Dr Jackie McRae
 Dr David McWilliams*

Seminar Room 3: Tutorial ICU rounds with Frank and Starling

*Prof Steven Hollenberg
 Dr Roop Kishen*

Small Meeting Room: Tutorial Haemostatis - all you need to know

Dr Jakob Stensballe

16.00 – 17.00

Seminar Room 2: Round Table Research: Practical aspects

Writing a grant / fellowship application
 Designing a trial / reporting results

Moderator: Prof Bala Venkatesh

*Prof Anthony Gordon
 Prof Kathy Rowan
 Prof Craig Coopsmith*

CONCERT HALL

TOPICS 1

*Chairpersons: Prof Hannah Wunsch &
Dr Jakob Stensballe*

15.50 – 16.05

Lactate metabolism
Dr Marek Nalos

16.05 – 16.20

EPIC 3: how our ICU world has changed
Prof Jean-Louis Vincent

16.20 – 16.35

Sepsis registry in Wales
Dr Paul Morgan

16.35 – 16.50

Endgames: disability, succession and retirement
Prof Tim Buchman

16.50 – 17.05

Lessons we can learn from history
Prof Mervyn Singer

17.05 – 17.30 Questions

LECTURE THEATRE

ICU ISSUES 1 (continued)

*Chairpersons: Dr Ruth Kleinpell &
Dr Jackie McRae*

16.45 – 17.00

Safety profiles of the ACCP and their contributions
to ICU
Mr Gavin Denton

17.00 – 17.30 Questions

CONFERENCE ROOM

UPDATES IN INTENSIVE CARE

*Chairpersons: Prof Rui Moreno &
Prof Can Ince*

16.30 – 17.10

Updates on the latest literature and landmark
papers
Dr Rob MacSweeney

17.10 – 17.25

Updates on rehabilitation
Dr David McWilliams

17.25 – 17.30 Questions

TUTORIALS / WORKSHOPS / ROUND TABLE

16.00 – 17.00

Seminar Room 3: Tutorial

Acid-base Stewart approach

*Dr Roop Kishen
Dr Niels Van Regenmortel*

Small Meeting Room: Workshop

Bronchoscopy in ICU - all you need to know

Dr Suveer Singh

SYMPOSIUM DINNER

**19.00 for 19.30 Foster & Robinson Room
Crowne Plaza Manchester Oxford Road
55 Booth Street West
Manchester M15 6PQ**

Admission by pre-booked ticket only

AFTER DINNER SPEECH:

Tracheostomy in critically ill patients: patients and families will never walk alone
Prof Paolo Pelosi

CONCERT HALL

08.15 – 09.00 Registration

KEYNOTE ADDRESS

Chairpersons: Dr Don Chalfin & Dr Antonios Liolios

09.00 – 09.30 The ICU in Europe: the mismatch between demand and supply
Prof Rui Moreno

CONCERT HALL

HAEMODYNAMICS

Chairpersons: Dr Don Chalfin & Dr Antonios Liolios

09.30 – 09.45
 The cardiovascular response to ECMO, CRRT and cardiac assist devices
Prof Can Ince

09.45 – 10.00
 Limits of fluid responsiveness parameters
Prof Michel Slama

10.00 – 10.15
 Ivabradine: a new tool to control tachycardia without affecting inotropism
Prof Bernard Cholley

10.15 – 10.30 Questions

10.30 – 11.00 Coffee Break

PRO-CON DEBATE

Chairperson: Prof Craig Coopersmith

Mervyn Singer is wrong: whatever it is I am against it?

11.00 – 11.15 PRO
Prof Steven Hollenberg

11.25 – 11.30 CON
Prof Mervyn Singer

11.30 – 11.45 Questions

LECTURE THEATRE

ARDS

Chairpersons: Prof Paolo Pelosi & Dr Francesca Rubulotta

09.35 – 09.50
 Lung water in ARDS - filling pressures
Dr Miguel Tavares

09.50 – 10.05
 Steroids in ARDS - evidence v experience
Dr Suveer Singh

10.05 – 10.20
 Extracorporeal CO₂ removal - respiratory dialysis: future of hypercapnic respiratory failure
Dr Deepak Govil

10.20 – 10.35
 Recruitment maneuver in ARDS: effect on haemodynamics and on the heart
Prof Michel Slama

10.35 – 10.50 Questions

10.50 – 11.15 Coffee Break

ROUND TABLE

Chairperson: Prof Tim Buckman

11.15 – 11.45
 Medical Emergency Team / Rapid Response System: where are we now and what is the future?

Panel:
Dr Francesca Rubulotta
Prof Jean-Louis Vincent

11.45 – 12.00 Questions

CONFERENCE ROOM

TOPICS 2

Chairpersons: Associate Prof Leslie Whetstone & Dr Peter Spronk

09.35 – 09.50
 Trauma haemorrhage - management and beyond
Dr Jakob Stensballe

09.50 – 10.05
 The CRISPR controversy
Associate Prof Leslie Whetstone

10.05 – 10.20
 Choice of IV fluids: a pragmatic approach
Prof Jean-Louis Vincent

10.20 – 10.30 Questions

10.30 – 10.50 Coffee Break

ULTRASOUND IN CRITICAL CARE

Chairpersons: Associate Prof Aarti Sarwal & Prof Daniel Lichtenstein

10.50 – 11.10
 From pocket to POCUS
Dr Jonathan Wilkinson

11.10 – 11.25
 Pushing POCUS further - beyond heart and lungs
Dr Justin Kirk-Bailey

11.25 – 11.40
 All the misconceptions surrounding lung ultrasound
Prof Daniel Lichtenstein

TUTORIALS / WORKSHOPS

09.35 – 10.35

Seminar Room 2:
Journal Matters: writing, reviewing, associate editing and editor in chief
Prof Tim Buchman
Prof Anthony Gordon
Prof Mervyn Singer

Seminar Room 3:
Crew resource management (CRM) in ICU
Dr Alex Katanakis

11.00 – 12.00

Seminar Room 2:
Physiological basis of fluids
Prof Can Ince
Dr Roop Kishen

Seminar Room 3:
Interpreting abnormal haematology and coagulation profiles in acutely ill patients
Dr Jakob Stensballe

Small Meeting Room:
Bronchoscopy in ICU - all you need to know
Dr Suveer Singh

CONCERT HALL

PRO-CON DEBATE

Chairperson: Prof Rui Moreno

PA catheter is still the best option in the 21st Century

11.45 – 12.00 PRO
Prof Steven Hollenberg

12.00 – 12.15 CON
Prof Michel Slama

12.15 – 12.30 Questions

12.30 – 13.30 Lunch

INFECTIONS AND ANTIBIOTICS

*Chairpersons: Dr Tony Thomas &
 Dr Ravi Kumar*

13.30 – 13.45
 Inhaled antibiotics
Dr Deepak Govil

13.45 – 14.00
 Early antibiotics in sepsis - do they work
Dr Paul Morgan

14.00 – 14.15
 Antibiotic stewardship
Dr Niels Van Regenmortel

14.15 – 14.30
 Faecal transplant for *C. difficile* and potential other
 uses in ICU
Prof Craig Coopersmith

14.30 – 14.50 Questions

14.50 – 15.20 Coffee Break

LECTURE THEATRE

FUTURE ICU

*Chairpersons: Dr Michael Kuiper &
 Prof Hannah Wunsch*

12.00 – 12.15
 Transfer of ventilated patients in the future
Mr Gavin Denton

12.15 – 12.30
 Suspended animation - a reality
Prof Mervyn Singer

12.30 – 12.45
 Precision medicine in sepsis
Prof Anthony Gordon

12.45 – 13.00
 The future of Critical Care
Prof Craig Coopersmith

13.00 – 13.15 Questions

13.15 – 14.15 Lunch

PRO-CON DEBATE

Chairperson: Dr Francesca Rubulotta

Closing the lungs is better than keeping them open

14.15 – 14.30 PRO
Prof Paolo Pelosi

14.30 – 14.45 CON
Dr Rob MacSweeney

14.45 – 15.00 Questions

15.00 – 15.20 Coffee Break

CONFERENCE ROOM

ULTRASOUND IN CRITICAL CARE (continued)

*Chairpersons: Associate Prof Aarti Sarwal &
 Prof Daniel Lichtenstein*

11.40 – 11.55
 Point of care cranial ultrasound and transcranial
 Doppler in critical care
Associate Prof Aarti Sarwal

11.55 – 12.10
 Ventilator induced diaphragm dysfunction
Associate Prof Aarti Sarwal

12.10 – 12.45 Questions

12.45 – 13.45 Lunch

TOPICS 3

*Chairpersons: Mr Gavin Denton &
 Dr David McWilliams*

13.45 – 14.00
 Mechanical ventilation in non-ARDS patients
Prof Paolo Pelosi

14.00 – 14.15
 Results from the POPPI (Psychological Outcomes
 following a nurse-led Preventative Psychological
 Intervention for critically ill patients) trial
Prof Kathy Rowan

14.15 – 14.35
 Shock induced endotheliopathy in critical illness:
 a new disease entity
Dr Jakob Stensballe

14.35 – 14.50 Questions

14.50 – 15.20 Coffee Break

TUTORIALS / WORKSHOPS

12.00 – 13.00

Seminar Room 2:

Social media and knowledge dissemination

Moderator: Dr Rob MacSweeney

*Dr Jonathan Wilkinson
 Dr Antonios Liolios
 Dr Adrian Wong
 Dr Segun Olusanya*

Seminar Room 3:

Airway assessment to wean patients with tracheostomy

*Ms Rachael Moses
 Dr Jackie McRae*

Small Meeting Room:

Bronchoscopy in ICU - all you need to know

Dr Suveer Singh

14.00 – 15.00

Seminar Room 2:

Interesting cases in ICU

Dr Suveer Singh

Seminar Room 3:

Workshop: Determination of death for organ donation

*Dr Michael Kuiper
 Associate Prof Leslie Whetstone*

CONCERT HALL

ICU ISSUES 2

Chairpersons: Dr Peter Spronk & Prof Ruth Kleinpell

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|----------------------|---|----------------------------|
| 15.20 – 15.35 | Promoting family engagement in ICU: lessons learned from an international study | <i>Prof Ruth Kleinpell</i> |
| 15.35 – 15.50 | Unplanned removal of medical devices | <i>Dr Tony Thomas</i> |
| 15.50 – 16.15 | Managing an ICU team in crisis - is weakness an option | <i>Dr Adrian Wong</i> |
| 16.15 – 16.30 | Questions | |

CLOSING LECTURE

Chairpersons: Dr Peter Spronk & Prof Ruth Kleinpell

- | | | |
|----------------------|-----------------|-------------------------------|
| 16.30 – 16.50 | Bigger science | <i>Prof Steven Hollenberg</i> |
| 16.50 – 17.00 | Closing remarks | <i>Dr Peter Spronk</i> |

ENDORSED BY

