

**PENDULUM SUITE**

**07.45 – 08.45** Registration

**08.45 – 09.00** Introduction  
*Dr. Roop K'shen*

**KEYNOTE ADDRESS**

**09.00 – 09.30** The Bayesian intensivist: reconciling evidence, experience and common sense.  
*Prof John Marshall*

**PLENARY**

*Chairpersons : Dr Peter Spronk & Dr Roop K'shen*

**09.30 – 09.45** Reducing Complications after Surgery  
*Prof Maurizio Ceccani*

**09.45 – 10.00** What were the most important changes/developments in Critical Care during the last 10 years.  
*Dr Christian Sitzwohl*

**10.00–10.15** Updates on pharmacological treatment in ARDS  
*Prof Danny McAuley*

**10.15–10.30** Management of sepsis: how much progress we have made in the last 40 years  
*Prof Jean-Louis Vincent*

**10.30–10.50** Questions

**10.50–11.10** **Coffee Break**

**PENDULUM SUITE**

**RENAL**

*Chairpersons : Dr Ravi Kumar & Dr Rosaleen Egan*

**11.10 – 11.25**  
Acute renal success  
*Dr Nishkantha Arulkumaran*

**11.25 – 11.40**  
Modality of RRT: hybrid / CRRT / intermittent  
*Associate Prof Eric Hoste*

**11.40 – 11.55**  
RRT timing trials: doomed to fail  
*Prof Lu' Forni*

**11.55 – 12.10**  
Long term complications after AKI  
*Dr Marlies Ostermann*

**12.10 – 12.30**  
Questions

**COTTON THEATRE**

**TOPICS**

*Chairpersons : Prof Paul Dark & Prof Tim Walsh*

**11.10 – 11.25**  
10 tips on supporting women in academia  
*Prof Sangeeta Mehta*

**11.25 – 11.40**  
Machine learning in ICU: the way to go  
*Prof Maurizio Ceccani*

**11.40 – 11.55**  
Acute care for all ages:  
Future destinations of critical Care Research  
*Prof Fang Gao Smith*

**11.55 – 12.10**  
Critical Care outcomes of patients with haematologic malignancy and HCT  
*Prof Jean-Louis Vincent*

**12.10 – 12.25**  
Bridging the gap, enhancing care  
*Dr Alison P'fard*

**12.25 – 12.50**  
Questions

**12.50 – 13.50**  
**Lunch**

**MOMENTUM**

**FLUIDS**

*Chairpersons : Prof Danny McAuley & Dr Bronwen Connolly*

**11.10 – 11.25**  
Fluid Management in AKI  
*Dr Marlies Ostermann*

**11.25 – 11.40**  
A closer look at Albumin  
*Dr Deepak Govil*

**11.40 – 11.55**  
Fluid Challenge in 2020  
*Dr Victoria Bennett*

**11.55 – 12.10**  
Fluid Management in Burns  
*Prof Rene Schmidt*

**12.10 – 12.25**  
Limits of fluid responsiveness  
*Prof Michel Slama*

**12.25 – 12.50**  
Questions

**12.50 – 13.50**  
**Lunch**

**TUTORIALS /WORKSHOPS /ROUNDTABLE**

**11.10 – 13.00**

**Graphene 1: Round Table**  
**All you want to know about fluids**

*Moderator: Prof Ian Seppelt*  
*Prof Anders Perner*  
*Dr Roop K'shen*  
*Dr Adrian Wong \**  
*Dr Jonathan Wilkinson\*\**

• *\*Dr Wong join 10 minutes late*  
• *\*\*Dr Jonathan Wilkinson will leave at 12.30*

**12.00 – 13.00**

**Graphene 2: Workshop**  
**Mini BRIC-BRAC what you need to know /To do bronchoscopy in critical care and acute care**

*Dr Suvreer Singh*

## PENDULUM SUITE

### PRO-CON DEBATE -

**There is no such thing as a negative trial?**

*Chairperson : Dr Deepak Govil*

**12.30-12.45**

Pro

*Prof John Marshall*

**12.45-13.00**

Con

*Prof Jean-Louis Vincent*

**13.00-13.10**

Questions

**13.10-14.00**

**Lunch**

### SEPSIS

*Chairpersons : Dr Vanesa Garrido Rey*

*Prof Jean-Louis Vincent*

**14.00-14.15**

Coagulopathy in Sepsis:

Target to treat or only marker to the severity

*Dr Nishkantha Arulkumaran*

**14.15-14.30**

Impact of chronic Medication in Sepsis

*Dr Marek Nelas*

**14.30-14.45**

Fluid and Pressor in sepsis : where are we ?

*Prof Maurizio Cecconi*

**14.45-15.00**

The 12 elements that can improve sepsis outcome

*Prof Jean-Louis Vincent*

**15.00-15.20**

Questions

**15.20-15.50**

**Coffee Break**

## COTTON THEATRE

### PRACTICAL ASPECTS IN ICU - 1

*Chairpersons : Prof Sangeeta Metha &*

*Dr Victoria McCormick*

**13.50-14.05**

Intermittent versus continuous feeding:  
results from our phase II trial

*Dr Zudin Puducheary*

**14.05-14.20**

Dysphagia in ICU – under recognised problem

*Dr Peter Sprank*

**14.20-14.35**

Delirium in ICU

*Prof Fang Gao Smith*

**14.35-14.50**

Airway Management for the critically  
ill – what's new?

*Dr Ritco Kapoor*

**14.50-15.05**

Questions

**15.05-15.30**

**Coffee Break**

## MOMENTUM

### INFECTIONS AND ANTIBIOTICS

*Chairpersons : Prof Jean-Daniel Chiche &*

*Prof John Marshall*

**13.50-14.05**

Updates on clinical guidance for rapid infection  
diagnostics in critical Care

*Prof Paul Dark*

**14.05-14.20**

Antibiotics - a double edged sword

*Dr Nishkantha Arulkumaran*

**14.20-14.35**

Optimal duration of antimicrobial treatment

*Prof Jean-Daniel Chiche*

**14.35-14.50**

The ICU microbiome and anti Microbial resistance

*Prof John Marshall*

**14.50-15.05**

Infection control in ICU

*Prof Ian Seppelt*

**15.05-15.20**

Questions

**15.20-15.45**

**Coffee Break**

## TUTORIALS / WORKSHOPS / ROUNDTABLE

**14.00-15.00**

### Graphene 1: Roundtable

Will inform the interested Consultants,  
Trainees AHPs about Trials  
methodology, how to embark on one,  
apply for funding, Analysis of data,  
reporting and how to publish

*Moderator : Prof Fang Gao Smith*

*Dr Michael Charles Worth*

*Prof Nicholas Hari*

*Prof Anders Perner*

*Prof Ian Seppelt\**

*Dr Bronwen Connolly*

*\*leaves at 14.40*

### Graphene 2: Tutorial

Haemodynamic monitoring case  
based discussion

*Dr Victoria Bennett*

**PENDULUM SUITE**

**PRACTICAL ASPECTS IN ICU - 2**

*Chairpersons: Prof Nicola Latronico & Dr Ross Hoffmeyer*

**15.50-16.05**

Always clinical examination first  
*Prof Maurizio Ceccani*

**16.05-16.20**

Critical care admission decision Making  
*Dr Michael Charlesworth*

**16.20-16.35**

Prevention of acute skeletal muscle wasting  
in critical illness  
*Prof Nicholas Hart*

**16.35-16.50**

Consensus guidelines on optimal sedation:  
Give me CASH  
*Prof Jean-Louis Vincent*

**16.50-17.05**

Weaning the unweanable:  
time to personalize critical care  
*Prof Nicholas Hart*

**17.05-17.30**

Questions

**COTTON THEATRE**

**CONTROVERSIES**

*Chairpersons: Prof Lui Forri  
Asst Prof Yoshiro Koba*

**15.30-15.45**

Is lactate overrated as a marker of  
resuscitation?  
*Dr Roop Kishen*

**15.45-16.00**

Gender in ICM – does it even matter?  
*Dr Rosaleen Baruah*

**16.00-16.15**

Bicarbonate use in ICU  
*Prof Lui Forri*

**16.15-16.30**

SIRS syndrome after definition of Sepsis-3:  
is it a dead entity  
*Asst Prof Yoshiro Koba*

**16.30-16.45**

De-resuscitation: Should we  
*Prof John Marshall*

**16.45-17.00**

Anaemia after discharge: should we care?  
*Prof Tim Walsh*

**17.00-17.30**

Questions

**MOMENTUM**

**RESPIRATORY FAILURE**

*Chairpersons: Dr Alison Pittard &  
Dr Brendan McCraith*

**15.45-16.00**

Neurogenic respiratory failure  
*Prof Tom Bleck*

**16.00-16.15**

ECCO2 R in Acute Hypoxaemic respiratory failure  
*Prof Danny McAuley*

**16.15-16.30**

Mucoactives in Acute Respiratory failure  
*Dr Bronwen Connolly*

**16.30-17.10**

Non-invasive Ventilation: dos and don'ts  
*Prof Jean-Daniel Chiche*

**17.10-17.30**

Questions

**TUTORIALS / WORKSHOPS / ROUNDTABLE**

16.00 -17.00

**Graphene 1: Tutorial**

Basic physiology in Intensive Care:  
Curves, ECG's and more - INTERESTING  
FINDINGS

*Prof Rene Schmidt*

**Graphene 2: Tutorial**

Acid - Base Stewart Approach

*Dr Roop Kishen*

**SYMPOSIUM DINNER**

19.00 for 19.30

**AFTER DINNER SPEECH**

To be announced  
*Dr Roop Kishen*

**PENDULUM SUITE**

**08.00 - 09.00** Registration

**KEYNOTE ADDRESS**

*Chairpersons : Prof Fang Gao Smith & Dr Christian Sitzwohl*

**09.00 - 09.30** How the critical illness affects the brain ....Vice versa  
*Prof Tom Bleck*

**PENDULUM SUITE**

**VENTILATOR INDUCED PROBLEMS**

*Chairpersons : Prof Fang Gao Smith & Dr Christian Sitzwohl*

**09.30 - 09.45**  
 Ventilation Induced Kidney Injury  
*Dr Marius Ostermann*

**09.45 - 10.00**  
 Ventilator induced diaphragm dysfunction  
*Assoc Prof Aart Savel*

**10.00 - 10.15**  
 Ventilator Induced Lung Injury  
*Dr Luigi Camporotolo*

**10.15 - 10.30**  
 Questions

**10.30 - 11.00**  
**Coffee Break**

**COTTON THEATRE**

**HAEMODYNAMIC MONITORING**

*Chairpersons : Prof Bernard Cholley & Prof Michel Slama*

**09.35 - 09.50**  
 Plasma renin: a first step towards a personalized approach in vasopressor use  
*Prof Lu Form*

**09.50 - 10.05**  
 Optimal blood pressure in ICU  
*Prof Rene Schmidt*

**10.05 - 10.20**  
 Aortic velocity time integral (VTI): the key haemodynamic parameter  
*Prof Bernard Cholley*

**10.20 - 10.35**  
 Is haemodynamic assessment using echo accurate?  
*Prof Michel Slama*

**10.35 - 10.50**  
 Questions

**10.50 - 11.15**  
**Lunch**

**MOMENTUM**

**NEURO CRITICAL CARE -1**

*Chairpersons : Prof Tom Bleck & Dr Nirin Arora*

**09.35 - 09.50**  
 Ischaemic stroke for the intensivist  
*Prof Giuseppe C'ero*

**09.50 - 10.05**  
 Status epilepticus in 2020  
*Prof Tom Bleck*

**10.05 - 10.20**  
 Extracranial complications in TBI  
*Prof Giuseppe C'ero*

**10.20 - 10.30**  
 Questions

**10.30 - 10.50**  
**Coffee Break**

**TUTORIALS /WORKSHOPS /ROUNDTABLE**

**09.35 - 10.35**

**Graphene 1: Tutorial**  
**Managing agitated patient in ICU**  
*Prof Tim Walsh*  
*Prof Sangeeta Mehta*

**PENDULUM SUITE**

**ARDS**

*Chairperson : Dr Deepak Govil*

**11.00 – 11.15**

Non-invasive lung imaging in ARDS  
*Dr Luigi Camporoto*

**11.15 – 11.30**

Heart lung interactions in ARDS  
*Prof Michel Slama*

**11.30 – 11.45**

Adjunctive treatment for ARDS  
*Prof Jean-Daniel Chiche*

**11.45 – 12.00**

Advanced Modalities of Mechanical Ventilation  
*Dr Luigi Camporoto*

**12.00 – 12.15**

How we will manage ARDS in 20 years  
*Prof Jean-Louis Vincent*

**12.15 – 12.40**

Questions

**12.40 – 13.30**

**Lunch**

**COTTON THEATRE**

**AUDIT, ETHICS AND RESEARCH**

*Chairpersons : Prof Rene Schmidt &  
Prof Anders Perrin*

**11.15 – 11.30**

Intensive Care National Audit Program  
*Dr Zudin Puducheery*

**11.30 – 11.45**

The platform trial: Integrating research  
and quality improvement  
*Prof John Marshall*

**11.45 – 12.00**

Trial Methodology  
*Prof Anders Perrin*

**12.00 – 12.15**

Clinical Ethics in ICM  
*Prof Ian Seppelt*

**12.15 – 12.30**

Getting my paper published in Thorax  
*Prof Nicholas Hart*

**12.30 – 12.45**

NIHR National Clinical Research Network:  
A decade of successful critical Care Research  
*Prof Paul Dark*

**12.45 – 13.05**

Questions

**13.05 – 14.00**

**Lunch**

**MOMENTUM**

**ULTRASOUND IN CRITICAL CARE**

*Chairpersons : Prof Daniel Lichtenstein &  
Dr Ashley Miller*

**10.50 – 11.05**

Competencies for mentors in US in ICU  
*Dr Ashley Miller*

**11.05 – 11.25**

Deep venous cannulation using the universal  
multipurpose microconvex probe  
*Prof Daniel Lichtenstein*

**11.25 – 11.40**

Lung Ultrasound is easy  
*Dr Christian Sitzwohl*

**11.40 – 11.55**

Venous Congestion and right heart ultrasound –  
the forgotten side  
*Dr Adrian Wong*

**11.55 – 12.10**

Can you run an entire POCUS round from  
your pocket – a new protocol  
*Dr Jonathan Wilkinson*

**12.10 – 12.45**

Questions

**12.45 – 13.45**

**Lunch**

**TUTORIALS / WORKSHOPS / ROUNDTABLE**

**11.00 – 12.00**

**Graphene 1: Tutorial**

**Early Mobilisation**

*Prof Nicola Latronico  
Prof Nicolas Hart  
Dr Bronwen Connolly  
Dr Peter Sprink*

**Graphene 2: Workshop**

**Mini BRIC-BRAC what you need to know/  
To do bronchoscopy in critical care and  
acute care**

*Dr Suveer Singh*

**12.00 – 13.00**

**Graphene 1: Workshop**

**High altitude physiology and intensive  
Care**

*Dr Vanessa Gamelo Rey  
Dr Ross Ho'meyer*

**Graphene 2: Workshop**

**Genetical influence in intensive care**

*Prof Danny McAuley  
Assoc Prof Yoshiro Kobe  
Prof Jean-Daniel Chiche*

**PENDULUM SUITE**

**NEUROCRITICAL CARE - 2**

*Chairperson : Prof Giuseppe Otero/ &  
Associate Prof Aarti Sarwal*

**13.30-13.45**

ICU acquired weakness  
*Prof Nicola Latronico*

**13.45-14.00**

Traumatic Brain Injury 2020: Changing scenario  
*Prof Giuseppe Otero*

**14.00-14.15**

Intracranial Haemorrhage – minimally  
invasive options  
*Assoc Prof Aarti Sarwal*

**14.15-14.30**

Critical care of the patient with Sub  
Arachnoid Haemorrhage  
*Prof Tom Bleck*

**14.30-14.50**

Questions

**14.50-15.20**

**Coffee Break**

**COTTON THEATRE**

**LIVER**

*Chairpersons : Dr Ravi Kumar &  
Prof Julia Wendon*

**14.00-14.15**

Acute Liver failure: rare beast –  
Oetiology and treatment  
*Prof Julia Wendon*

**14.15-14.30**

ICU acquired liver dysfunction  
*Dr Deepak Govil*

**14.30-14.45**

Liver trauma – management  
*Prof Julia Wendon*

**14.45-15.00**

Questions

**15.00-15.20**

**Coffee Break**

**PREVENTION**

*Chairpersons : Dr Suveer Singh &  
Dr Ritoo Kapoor*

**15.20-15.35**

Peri-operative Management preventing  
admissions to ICU  
*Dr Victoria Bennet*

**15.35-15.50**

Predicting and identifying patients  
requiring complex ongoing support in ICU  
*Prof Tim Walsh*

**15.50-16.05**

Hyperoxaemia – growing awareness  
of its dangers  
*Dr Ritoo Kapoor*

**16.05-16.15**

Questions

**MOMENTUM**

**TRAUMA**

*Chairpersons : Dr Peter Spronk &  
Assistant Prof Dr Zaffar Qasim*

**13.45-14.00**

Short term Acceleration  
*Dr Vanessa Gamelo Rey*

**14.00-14.15**

Airways and thoracic trauma and  
penetrating cardiac injuries  
*Dr Ross Hofmeyer*

**14.15-14.30**

Whole blood for trauma resuscitation  
*Ass'ti Prof Zaffar Qasim*

**14.30-14.45**

Management of Trauma – new guidelines  
*Prof Jean-Louis Vincent*

**14.45-15.20**

**Coffee Break**

**TOPICS - 3**

*Chairpersons : Dr Brendan McGrath &  
Dr Miguel Tavares*

**15.45-16.00**

To be announced  
*Dr Miguel Tavares*

**16.00-16.15**

Asthma in the critical care unit –  
ECLS – the current view  
*Dr Suveer Singh*

**16.15-16.30**

PRACTICE – Core outcome set for trials  
of physical rehabilitation  
*Dr Bronwen Connolly*

**16.30-17.10**

Questions

**TUTORIALS /WORKSHOPS /ROUNDTABLE**

14.00-15.00

**Room A : Workshop**

**Interesting cases in ICU**

*Dr Suveer Singh*

**Room B : Workshop**

**Emergency tracheostomy care  
in the ICU:What you need to know?**

*Dr Brendan McGrath*

*Dr Bronwen Connolly*

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PENDULUM SUITE

SoMe in ICU

*Chairperson : Dr Michael Charlesworth &  
Dr Roop Kishen*

- 15.20- 15.35** Traditional Journals are dying:  
it is all about web based learning and infographics  
*Dr Jonathan Wilkinson*
- 15.35- 15.50** What makes a paper popular in Social media?  
*Dr Michael Charlesworth*
- 15.50-16.05** Social Media and families in the ICU –  
A medicolegal perspective  
*Dr Rosaleen Baruah*
- 16.05- 16.20** Questions

CLOSING LECTURE

- 16.20-16.50** Critical Ultrasound: Why it is a holistic discipline?  
*Prof Daniel Lichtenstein*
- 16.50-17.00** Closing Remarks  
*Dr Roop Kishen*