

## INTERNATIONAL SUITE

**07.45 – 08.45** Registration

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

### KEYNOTE ADDRESS

**09.00 – 09.30** Established medical dogma .... with little evidence attached  
*Prof Mervyn Singer*

### COVID-19 Session 1

*Chairpersons: Dr Dr Roop Kishen & Dr Pascale Gruber*

**09.30 – 09.45** Non-invasive respiratory support in COVID-19. Results of the RECOVERY-RS trial  
*Prof Danny McAuley*

**09.45 – 10.00** Can modulation of cytokine storm save COVID-19 patients?  
*Dr Yoshiro Kobe*

**10.00 – 10.15** In the era of ECMO, why would some patients die?  
*Prof Jean-Louis Vincent*

**10.15 – 10.30** The impact of COVID-19 on health workers  
*Prof Sangeeta Mehta*

**10.30 – 10.50** Questions

**10.50 – 11.10** **Coffee Break**

## INTERNATIONAL SUITE

### SEPSIS AND SEPTIC SHOCK Session 1

*Chairpersons: Prof Xavier Monnet & Dr Peter Spronk*

**11.10 – 11.25**  
 Infections in COVID-19 era  
*Dr Marnix Kuindersma*

**11.25 – 11.40**  
 Novel diagnostics for infection and sepsis  
*Prof Mervyn Singer*

**11.40 – 11.55**  
 Left ventricular dysfunction in septic shock: LV strain assessment  
*Prof Michel Slama*

**11.55 – 12.15**  
 FALLS - protocol in the diagnosis of shock  
*Prof Daniel Lichtenstein*

**12.15 – 12.30** Questions

## PORTLAND SUITE

### CONTROVERSIES

*Chairpersons: Dr Marek Nalos & Dr Victoria Metaxa*

**11.10 – 11.25**  
 Do chronic medication influence outcome in ICU?  
*Dr Marek Nalos*

**11.25 – 11.40**  
 Medical mistrust and vaccine hesitancy  
*Prof Leslie Whetstone*

**11.40 – 11.55**  
 Do biomarkers have a role in AKI?  
*Dr Marlies Ostermann*

**11.55 – 12.10**  
 Did the Surviving Sepsis campaign really change the outcome of sepsis?  
*Dr Yoshiro Kobe*

**12.10 – 12.25**  
 Organ perfusion - fluids are rarely the answer  
*Dr Ashley Miller*

**12.25 – 12.50** Questions

**12.50 – 13.50** **Lunch**

## SENATE SUITE

### PRACTICAL ICU

*Chairpersons: Dr Vanesa Garnelo Rey & Dr Paul Morgan*

**11.10 – 11.25**  
 Acute and chronic post-surgical pain  
*Prof Fang Gao Smith*

**11.25 – 11.40**  
 Patient experience of recovery from critical illness  
*Dr Bronwen Connolly*

**11.40 – 11.55**  
 Neuro ultrasound in ICU  
*Prof Aarti Sarwal*

**11.55 – 12.10**  
 Postoperative diaphragmatic dysfunction  
*Prof Bernard Cholley*

**12.10 – 12.25**  
 Dermatological conditions in the ICU  
*Dr Donald Chalfin*

**12.25 – 12.50**  
 Management of post cardiac arrest patients  
*Prof Jean Daniel Chiche*

**12.50 – 13.00** Questions

**13.00 – 13.50** **Lunch**

## TUTORIALS / WORKSHOPS / ROUND TABLE

**11.10 – 13.00**

### Park Lane: Round Table Leadership during pandemic

*Moderator: Dr Alison Pittard*

*Panel:  
 Prof Jean-Louis Vincent  
 Prof Jan De Waele  
 Dr Christian Sitzwhol*

**11.10 – 13.00**

### Congress Room: Tutorial Stewart approach

*Dr Roop Kishen  
 Dr Niels Van Regenmortel*

**11.10 – 12.20**

### Board Room: Workshop Bronchoscopy in ICU - all you need to know

*Prof Suveer Singh*

## INTERNATIONAL SUITE

### PRO-CON DEBATE

*Chairperson: Prof Fabio Silvio Taccone*

**Should we intubate the happy hypoxic COVID-19 patient?**

**12.30 – 12.45** PRO  
*To be announced*

**12.45 – 13.00** CON  
*Dr Luigi Camporota*

**13.00 – 13.10** Questions

**13.10 – 14.00** Lunch

### FLUIDS

*Chairpersons: Prof Anders Permer & Prof Sangeeta Mehta*

**14.00 – 14.15**  
 Fluids in sepsis  
*Prof Anders Permer*

**14.15 – 14.30**  
 Fluid management in burns  
*Prof Rene Schmidt*

**14.30 – 14.45**  
 Fluids: when and how in ARDS?  
*Prof Xavier Monnet*

**14.45 – 15.00**  
 Fluid management in AKI  
*Dr Marlies Ostermann*

**15.00 – 15.20** Questions

**15.20 – 15.50** Coffee Break

### OXYGEN

*Chairpersons: Prof Jan De Waele & Dr Joel Paul*

**15.50 – 16.05**  
 Optimal PaO<sub>2</sub> in the acutely ill  
*Prof Jean-Louis Vincent*

## PORTLAND SUITE

### NEURO CRITICAL CARE

*Chairpersons: Dr Ritoo Kapoor & Prof Danny McAuley*

**13.50 – 14.05**  
 Intracranial haemorrhage trials  
*Prof Aarti Sarwal*

**14.05 – 14.20**  
 Ventilation in TBI and CO<sub>2</sub> management  
*Prof Giuseppe Citerio*

**14.20 – 14.35**  
 Neuromonitoring and personalized medicine  
*Prof Fabio Silvio Taccone*

**14.35 – 14.50**  
 Intracranial pressure monitoring and treatment in acute brain damages  
*Prof Giuseppe Citerio*

**14.50 – 15.05** Questions

**15.05 – 15.30** Coffee Break

### COVID-19 Session 2

*Chairpersons: Prof Julia Wendon & Prof Fang Gao Smith*

**15.30 – 15.45**  
 Lung transplantation during COVID-19: international experience  
*Dr Luigi Camporota*

**15.45 – 16.00**  
 Anti-inflammatory interventions for COVID-19  
*Prof Anders Permer*

**16.00 – 16.15**  
 Pre and post COVID ARDS or COVID care in India  
*Dr Suveer Singh/Dr D Govil*

**16.15 – 16.30**  
 COVID-19 and mechanical ventilation - questions we need to ask  
*Prof Mervyn Singer*

## SENATE SUITE

### LIVER AND ICU

*Chairpersons: Dr Bronwen Connolly & Dr Brendan McGrath*

**13.50 – 14.05**  
 Liver trauma  
*Prof Julia Wendon*

**14.05 – 14.20**  
 Acute decompensated liver failure  
*Dr Ravi Kumar*

**14.20 – 14.35**  
 Liver fibrosis, liver disease and emerging diagnostic and therapeutic approaches  
*Dr Donald Chalfin*

**14.35 – 14.50**  
 Acute on chronic failure ... management in critical care, prognosis and should we transplant  
*Prof Julia Wendon*

**14.50 – 15.05** Questions

**15.05 – 15.30** Coffee Break

### TOPICS 1

*Chairpersons: Prof Jean Daniel Chiche & Prof Giuseppe Citerio*

**15.30 – 15.45**  
 Squelching thirst in ICU  
*Dr Peter Spronk*

**15.45 – 16.00**  
 Crit care workforce planning and their wellbeing  
*Dr Alison Pittard*

**16.00 – 16.15**  
 Education during pandemic and beyond  
*Dr Pascale Gruber*

**16.15 – 16.30**  
 Medical journals after the pandemic tsunami  
*Prof Giuseppe Citerio*

## TUTORIALS / WORKSHOPS / ROUND TABLE

**14.00 – 15.00**

**Park Lane: Round Table**

**Research in ICU - practical aspects**

*Moderator: Prof Fang Gao Smith*

*Panel:*  
*Prof Paul Dark*  
*Prof Jan De Waele*  
*Dr Nish Arulkumaran*  
*Dr Heather Iles-Smith*  
*Prof Natalie Pattison*

**Congress Room: Tutorial**

**Hypernatraemia**

*Dr Niels Van Regenmortel*

**Board Room: Workshop**

**Bronchoscopy in ICU - all you need to know**

*Prof Suveer Singh*

**INTERNATIONAL SUITE**

**OXYGEN** (continued)

*Chairpersons: Prof Jan De Waele &  
Dr Joel Paul*

**16.05 – 16.20**

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

**16.20 – 16.35**

How to assess tissue hypoxia  
*Prof Xavier Monnet*

**16.35 – 16.50**

Hypoxia at altitude  
*Dr Vanesa Garnelo Rey*

**16.50 – 17.00** Questions

**TOPICS 2**

*Chairpersons: Dr Donald Chalfin &  
Prof Natalie Pattison*

**17.00 – 17.15**

Post COVID intensive care syndrome - is this a new entity  
*Dr Ramprasad Matsa*

**17.15 – 17.30**

Developing critical care recovery services in light of long-COVID recovery evidence  
*Prof Natalie Pattison*

**17.30 – 17.45**

Enhanced care  
*Dr Ramprasad Matsa*

**17.45 – 18.00** Questions

**PORTLAND SUITE**

**COVID-19 Session 2** (continued)

*Chairpersons: Prof Julia Wendon &  
Prof Fang Gao Smith*

**16.30 – 16.45**

Functional and cognitive outcome after COVID-19  
*Dr Peter Spronk*

**16.45 – 17.00** Questions

**17.00 – 18.00** To be announced

**SENATE SUITE**

**TOPICS 1** (continued)

*Chairpersons: Prof Jean Daniel Chiche &  
Prof Giuseppe Citerio*

**16.30 – 16.45**

Surviving Sepsis Campaign 2021 guidelines: what is new?  
*Prof Jean Daniel Chiche*

**16.45 – 17.00**

Role of high dose vitamin C in the critically ill  
*Prof Danny McAuley*

**17.00 – 17.15** Questions

**17.15 – 18.00** To be announced

**TUTORIALS / WORKSHOPS / ROUND TABLE**

**16.00 – 17.00**

**Park Lane: Round Table**

**All you need to know about RRT**

*Moderator: Dr Roop Kishen*

*Panel:*

*Dr Marlies Ostermann*

*Prof Lui Forni*

*Dr Sameer Ranjan*

**Congress Room: Tutorial**

**Assessment of lung machines**

*Dr Luigi Camporota*

**Board Room: Workshop**

**Bronchoscopy in ICU - all you need to know**

*Prof Suveer Singh*

**SENATE SUITE**

**19.00 for 19.30 SYMPOSIUM DINNER**

*Admission by pre-booked ticket only*

**21.30**

*After dinner talk*

*Dr Roop Kishen*

**INTERNATIONAL SUITE**

08.00 – 09.00 Registration

**KEYNOTE ADDRESS**

*Chairpersons: Dr Don Chalfin & Dr Vanesa Garnelo Rey*

09.00 – 09.30 Women in Critical Care Medicine  
*Prof Sangeeta Mehta*

**INTERNATIONAL SUITE**

**COVID-19 Session 3**

*Chairpersons:*

**09.30 – 09.45**

The devil is in the Delta - COVID-19: VOCs & VUIs  
*Dr Joel Paul*

**09.45 – 10.00**

Lung ultrasound in COVID-19  
*Dr Hatem Soliman Aboumarie*

**10.00 – 10.15**

Heart and COVID-19  
*Prof Michel Slama*

**10.15 – 10.30** Questions

**10.30 – 11.00 Coffee Break**

**PRO-CON DEBATE**

*Chairperson: Dr Segun Olusanya*

**Is it time for critical care to break away from radiology?**

**11.00 – 11.15** PRO

*Dr Adrian Wong*

**11.25 – 11.30** CON

*Prof Rene Schmidt*

**11.30 – 11.45** Questions

**PORTLAND SUITE**

**ARDS**

*Chairpersons: Prof Xavier Monnet & Prof Daniel Lichtenstein*

**09.35 – 09.50**

Update of BLUE protocol in the light of the current pandemic  
*Prof Daniel Lichtenstein*

**09.50 – 10.05**

ECCO2R in AHRF - results of the REST trial  
*Prof Danny McAuley*

**10.05 – 10.20**

Steroids in ARDS and COVID-19 ARDS  
*Dr Luigi Camporota*

**10.20 – 10.35**

Acute respiratory physiotherapy  
*Dr Bronwen Connolly*

**10.35 – 10.50** Questions

**10.50 – 11.15 Coffee Break**

**TOPICS 4**

*Chairpersons: Dr Niels Van Regenmortel & Prof Leslie Whetstine*

**11.15 – 11.30**

Controversies in fluid management  
*Dr Niels Van Regenmortel*

**11.30 – 11.45**

Pandemic ethics: health disparities  
*Prof Leslie Whetstine*

**SENATE SUITE**

**RESEARCH IN ICU**

*Chairpersons: Dr Nitin Arora & Prof Bernard Cholley*

**09.35 – 09.50**

Acute care of all ages - future destinations of critical care research  
*Prof Fang Gao Smith*

**09.50 – 10.05**

Equality, diversity and inclusion in research: NIHR INCLUDE and acute care  
*Prof Paul Dark*

**10.05 – 10.20**

Research funding opportunities for nurse's midwives and AHPs  
*Prof Heather Iles-Smith*

**10.20 – 10.30** Questions

**10.30 – 10.50 Coffee Break**

**TOPICS 3**

*Chairpersons: Prof Lui Forni & Dr Miguel Tavares*

**10.50 – 11.10**

Engagement, interactive gaming and coping in the ICU rehab process  
*Dr Peter Spronk*

**11.10 – 11.25**

What do the timing studies for RRT tell us?  
*Prof Lui Forni*

**TUTORIALS / WORKSHOPS**

**09.35 – 10.35**

**Park Lane:**

**Antibiotics: All you need to know**

*Prof Mervyn Singer  
 Prof Jan De Waele  
 Prof Suveer Singh*

**Congress Room**

**Ethics during the pandemic**

*Prof Leslie Whetstine  
 Prof Fabio Silvio Taccone  
 Dr Victoria Metaxa*

**10.45 – 11.45**

**Board Room: Workshop**

**Bronchoscopy in ICU - all you need to know**

*Prof Suveer Singh*

**11.00 – 12.00**

**Congress Room: Tutorial**

**Ocular ultrasound and optic nerve sheath**

*Prof Aarti Sarwal*

## INTERNATIONAL SUITE

### PRO-CON DEBATE

*Chairperson: Prof Mervyn Singer*

**Lactate guided resuscitation in sepsis should be the standard of care**

**11.45 – 12.00** PRO  
*Prof Jean-Louis Vincent*

**12.00 – 12.15** CON  
*Dr Roop Kishen*

**12.15 – 12.30** Questions

**12.30 – 13.30** Lunch

### SEPSIS AND SEPTIC SHOCK Session 2

*Chairpersons: Dr Ritoo Kapoor & Dr Luigi Camporota*

**13.30 – 13.45**  
 Sepsis as a complication of COVID-19  
*Dr Yoshiro Kobe*

**13.45 – 14.00**  
 Role of beta blockade in sepsis  
*Dr Marek Nalos*

**14.00 – 14.15**  
 Ischaemia-reperfusion injury: pathophysiology and treatments  
*Prof Mervyn Singer*

**14.15 – 14.30**  
 Management of sepsis: progress over the last 40 years  
*Prof Jean-Louis Vincent*

**14.30 – 14.45**  
 Surviving Sepsis Campaign 2021 guidelines: what's new?  
*Prof Jean Daniel Chiche*

**14.45 – 15.00** Questions

**15.00 – 15.25** Coffee Break

## PORTLAND SUITE

### TOPICS 4 (continued)

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

**11.45 – 12.00**  
 Is there still a place for TTM after cardiac arrest?  
*Prof Fabio Silvio Taccone*

**12.00 – 12.15** Questions

### CANCER AND ICU

*Chairpersons: Prof Julia Wendon & Prof Danny McAuley*

**12.15 – 12.30**  
 Outcomes of haematological malignancy and critical care  
*Prof Sangeeta Mehta*

**12.30 – 12.45**  
 Novel therapies in ICU - CAR-T  
*Dr Victoria Metaxa*

**12.45 – 13.00**  
 Cancer critical care - what is new and future challenges  
*Dr Pascale Gruber*

**13.00 – 13.15** Questions

**13.15 – 14.00** Lunch

### HAEMODYNAMICS

*Chairpersons: Prof Lui Forni & Dr Peter Spronk*

**14.00 – 14.15**  
 The haemodynamically unstable ventilated patient  
*Prof Jean Daniel Chiche*

**14.15 – 14.30**  
 Assessment of preload responsiveness: what is new?  
*Prof Xavier Monnet*

## SENATE SUITE

### TOPICS 3 (continued)

*Chairpersons: Prof Lui Forni & Dr Miguel Tavares*

**11.25 – 11.40**  
 A short overview of remarkable trials  
*Dr Christian Sitzwhol*

**11.40 – 11.55**  
 Tracheal complications after tracheal intubation and tracheostomy  
*Dr Brendan McGrath*

**11.55 – 12.10**  
 Keeping routine activity during a pandemic - Wales experience  
*Dr Paul Morgan*

**12.10 – 12.25**  
 Nutrition in AKI  
*Dr Marlies Ostermann*

**12.25 – 12.45**  
 Venous Excess ultrasound (VExus); the new key to de-resuscitation  
*Dr Jonathan Wilkinson*

**12.45 – 13.00** Questions

**13.00 – 13.45** Lunch

### ANTIBIOTICS

*Chairpersons: Dr Alison Pittard & Dr Sameer Ranjan*

**13.45 – 14.05**  
 Can we use antibiotics wisely?  
*Dr Niskantha Arulkumaran*

**14.05 – 14.20**  
 Duration of antibiotics in sepsis: an update  
*Prof Paul Dark*

**14.20 – 14.35**  
 Behavioural factors influencing antibiotic prescribing decisions in the era of POCT: why stop?  
*Prof Suveer Singh*

## TUTORIALS / WORKSHOPS

**11.00 – 13.00**

**Park Lane:**

**Ultrasound in ICU - the essentials**

*Moderator: Dr Johnathan Wilkinson*

*Panel:*  
*Dr Segun Olusanya*  
*Dr Adrian Wong*  
*Dr Ashley Miller*  
*Dr Marek Nalos*

**12.00 – 13.00**

**Congress Room:**

**Interesting cases in ICU**

*Prof Suveer Singh*

**14.00 – 15.00** Tutorials

**Park Lane:**

**Basic physiology and imaging in Intensive Care**

*Prof Rene Schmidt*

**Congress Room:**

**Blood gas analysis**

*Prof Niels Van Regenmortel*

## INTERNATIONAL SUITE

### FUTURE OF ICU

*Chairpersons: Dr Ravi Kumar &  
Dr Roop Kishen*

#### 15.25 – 15.40

Extracorporeal organ support (ECOS) is the future  
*Prof Jean-Louis Vincent*

#### 15.40 – 15.55

Development of machine learning-predictive models  
for outcome prediction in the ICU  
*Dr Don Chalfin*

#### 15.55 – 16.10

Virtual care in rural intensive care  
*Dr Marek Naols*

#### 16.10 – 16.25 Questions

#### 15.00 – 15.25 Coffee Break

### CLOSING LECTURE

#### 16.25 – 16.50

Artificial intelligence and ICU  
*Prof Jan De Waele*

#### 16.50 – 17.00

Closing remarks  
*Dr Roop Kishen*

## PORTLAND SUITE

### HAEMYDYNAMICS (continued)

*Chairpersons: Prof Lui Forni &  
Dr Peter Spronk*

#### 14.30 – 14.45

Echocardiography in mechanical circulatory support  
(tips and pitfalls)  
*Dr Hatem Soliman Aboumarie*

#### 14.45 – 15.00

How to assess PAOP (wedge pressure) using echo  
Doppler technique: new insights  
*Prof Michel Slama*

#### 15.00 – 15.15

Optimal blood pressure in ICU  
*Prof Rene Schmidt*

#### 15.15 – 15.30 Questions

#### 15.30 – 16.00 Coffee Break

### ICU ORGANISATION

*Chairpersons: Dr Adrian Wong &  
Dr Jonathan Wilkinson*

#### 16.00 – 16.15

Building a new ICU; a Phoenix from the flames  
*Dr Jonathan Wilkinson*

#### 16.15 – 16.30

Moral injury/burn-out post-COVID  
*Dr Adrian Wong*

#### 16.30 – 16.45

Family communications in pandemic  
*Dr Luigi Camporota*

#### 16.45 – 17.00 Questions

## SENATE SUITE

### ANTIBIOTICS (continued)

*Chairpersons: Dr Alison Pittard &  
Dr Sameer Ranjan*

#### 14.35 – 14.50

Immuno-modulatory effects of antibiotics  
*Dr Niskantha Arulkumaran*

#### 14.50 – 15.00 Questions

#### 15.00 – 15.25 Coffee Break

#### 15.25 – 17.00 INTERNATIONAL SUITE FOR CLOSING SESSIONS