

# 18<sup>th</sup> Annual Critical Care Symposium

## Programme

**Mercure Manchester Piccadilly Hotel**  
**Portland Street**  
**Manchester**  
**M1 4PH**  
**International Suite**

**April 28<sup>th</sup> 2022**

07.45 – 08.45      **Registration**

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

## **Keynote Address**

09.00 – 09.30      **Prof Mervyn Singer**      Established Medical Dogma...with little evidence attached

## **Chairpersons:**

**Dr Roop Kishen**  
**Dr Pascale Gruber**

## **COVID-19 Session 1**

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 care workers	Prof Sangeeta Mehta
10.30 – 10.50	Questions	

10.50 – 11.10      **Coffee Break**

## **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	

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**Pro – Con Debate**

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

**Chairperson:**

**Prof Ian Seppelt**

12.30 – 12.45	Pro	? Dr Brendan McGrath
12. 45 – 13.00	Con	? Dr Luigi Camporota
13.00 – 13.10	Questions	

13.10 – 14.00

**Lunch**

**Fluids**

**Chairpersons:**

**Prof Anders Perner/Prof Sangeeta Mehta**

14.00 – 14.15	Fluids in Sepsis	Prof Anders Perner
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 DeWaele/Dr Joel Paul**

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

17.00 – 18.00 Company Sponsored session to be announced

19.00 for 19.30

**Symposium Dinner**

**Senate Suite**

After Dinner Talk

Dr Roop Kishen

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## Tutorials/Workshops/Round Table

<b>11.10 – 13.00</b>	<b>Round Table</b>	<b>Leadership during pandemic</b>
<b>Park Lane:</b>	<b>Moderator:</b>	<b>Dr Alison Pittard</b>
	<b>Panel:</b>	Prof Ian Seppelt, Prof Jean-Louis Vincent, Prof Jan DeWaele, Dr Christian Sitzwhol (Ian will leave at 12.20)
<b>11.10 – 13.00</b>	<b>Tutorial</b>	<b>Stewart Approach</b>
	<b>Congress Room:</b>	Dr Roop Kishen/ Dr Niels Van Regenmortel
<b>11.10 – 12.20</b>		
<b>Board Room:</b>	<b>Workshop:</b>	<b>Bronchoscopy in ICU – all you need to know</b>
		Prof Suveer Singh
<b>14.00 – 1500</b>		
<b>Park Lane:</b>	<b>Round Table:</b>	<b>Research in ICU – Practical Aspects</b>
	<b>Moderator:</b>	<b>Prof Fang Gao Smith</b>
	<b>Panel:</b>	Prof Paul Dark, Prof Jan DeWaele, Dr Nish Arulkumaran, Dr Heather Iles-Smith
<b>Congress Room:</b>	<b>Tutorial ;</b>	<b>Hypernatraemia</b>
		Dr Niels Van Regenmortel

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### **Tutorials/Workshops/Round Table**

**Board Room:            Workshop            Bronchoscopy in ICU – all you need to know**  
Prof Suveer Singh

**1600 – 1700**

**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 Mechanics**  
Dr Luigi Camporota

**Board Room:            Workshop            Bronchoscopy in ICU – all you need to know**  
Prof Suveer Singh

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08.00 – 09.00 **Registration**

## Keynote Address

**Chairpersons:** Dr Donald Chalfin/ Dr Vanessa Garnelo Rey

09.00 – 09.30 Women in Critical Care Medicine Prof Sangeeta Mehta

### COVID-19 Session 2

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

**Chairperson:** Dr Segun Olusanya

11.00 – 11.15 Pro Dr Adrian Wong

11.15 – 11.30 Con Prof Rene Schmidt

11.30 – 11.45 Questions

**Pro - Con Debate** Lactate guided resuscitation in sepsis should be the standard of care

**Chairperson:** Prof Mervyn Singer

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 Break**

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### 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**

**Chairpersons:** Dr Ravi Kumar/Dr Roop Kishen

### Future of ICU

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 Maerk Nalos
16.10 – 16.25	Questions	

### Closing Lecture

16.25 – 16.50	Artificial Intelligence and ICU	Prof Jan DeWaele
16.50 – 17.00	Closing Remarks	<b>Dr Roop Kishen</b>

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## **Tutorials/Workshops**

### **09.35 – 10.35**

Park Lane: Antibiotics- All you need to know Prof Mervyn Siner/  
Prof Jan DeWaele/  
Prof Suveer Singh

Congress Room: Ethics during the Pandemic Prof Leslie Whetstone/Prof Ian  
Seppelt/ Dr Victoria Metaxa

### **11.00 – 12.00**

Congress Room: Tutorial: Ocular Ultrasound and Optic nerve sheath Prof Aarti Sarwal

### **11.00 – 13.00** (Please note the time length)

Park Lane: Ultrasound in ICU – The essentials  
Moderator: Dr Jonathan Wilkinson  
Panel: Dr Segun Olusanya, Dr Adrian Wong  
Dr Ashly Miller, Dr Marek Nalos

### **10.45 -11.45**

Board Room: Workshop  
Bronchoscopy in ICU – all you need to know Prof Suveer Singh

### **12.00 – 13.00**

Congress Room: Interesting cases in ICU Prof Suveer Singh

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**14.00 - 15.00**

Tutorials

Park Lane:

Basic Physiology and Imaging in Intensive Care

Prof Rene Schmidt

Congress Room:

Blood Gas analysis

Dr Niels Van Regenmortel