



*The Intensive Connection*



**Pre-Congress Course Programme  
Intensive Care Cracking Refresher Course  
October 22-23, 2022**

**Day 1, October 22nd, 2022**

**Morning session**

*Chairs J De Waele, M Pellegrini*

09:00	Welcome and introduction	<i>F Duska</i>
09:35	SEPSIS in 2022 - from physiology to management	<i>J De Waele</i>
10:05	My take home points	<i>M Pellegrini</i>
10:15	Guyton at the bedside: Physiology for intensivist.	<i>M Pinsky</i>
10:30	Determinants of cardiac output	<i>M Greco</i>
10:36	Heart rate	<i>O Hamzaoui</i>
10:42	Preload	<i>M Maggiorini</i>
10:48	Afterload	<i>N Aissaoui</i>
10:54	Cardiac contractility	<i>P Vignon</i>
11:00	Microcirculation - revised Starlings principle	<i>C Ince</i>
11:06	Take home messages	<i>X Monnet</i>
11:16	Q&A	
11:45	END MORNING SESSION	

**LUNCH BREAK**

**Afternoon session**

*Chairs M Maggiorini, V Bennett*

12:45	Practical differential diagnosis of shock - how do I do it	<i>M Cecconi</i>
13:00	Clinical examination in shock	<i>O Hunsicker</i>
13:06	Reading the arterial waveform	<i>A Messina</i>
13:12	Transpulmonary thermodilution	<i>O Hamzaoui</i>
13:18	Pulse contour	<i>A Zaher</i>
13:24	Bioreactance	<i>M Greco</i>



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13:30	Ultrasound	<i>P Vignon</i>
13:36	White board summary	<i>M Maggiorini</i>
13:46	Q&A	
<i>Chairs L Borgstedt, S Hamada</i>		
14:00	POLYTRAUMA - from physiology to management	<i>J Duranteau</i>
14:30	My take home points	<i>S Hamada</i>
14:40	Q&A	
15:00	BREAK	
<i>Chairs G De Pascale, C Robba</i>		
15:15	Cerebral pathophysiology and what monitors assess.	<i>G Citerio</i>
15:30	Neurocritical care for every intensivist?	<i>A Sarwal</i>
15:36	Acute ischemic stroke	<i>L Borgstedt</i>
15:42	Cerebral haemorrhage	<i>C Robba</i>
15:48	SAH	<i>L Galarza</i>
15:54	Infectious diseases	<i>J De Waele</i>
16:00	Why is my patient unconscious? From clinical examination to neuromonitoring	<i>G Meyfroidt</i>
16:15	Q&A	
<i>Chairs M Maggiorini, V Metaxa</i>		
16:30	BREAK	
16:45	Traumatic head injuries	<i>C Robba</i>
17:00	Measuring ICP and PtiO <sub>2</sub>	<i>S Hamada</i>
17:06	Seizure detection, treatment and prophylaxis	<i>L Borgstedt</i>
17:12	Decompressive craniectomy?	<i>G Meyfroidt</i>
17:18	Prognostication	<i>V Metaxa</i>
17:24	When to consider lightening sedation	<i>B Weiss</i>
17:30	Take home messages	<i>A Sarwal</i>



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17:40 Q&A

18:00 END DAY 1

Preliminary



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**Day 2, October 23rd, 2022**

**Morning session**

*Chairs K Rusinova, S Schaller*

08:00	How do I decide whom (not) to admit	<i>V Metaxa</i>
08:15	Effective wardround and care planning	<i>C Boulanger</i>
08:21	Maintenance fluids	<i>N Van Regenmortel</i>
08:27	Transfuse or not?	<i>N Juffermans</i>
08:33	GI prophylaxis update	<i>R Costa-Pinto</i>
08:39	Sedation and delirium	<i>B Weiss</i>
08:45	End of life care	<i>K Rusinova</i>
08:51	Rehabilitation of the critically ill in a nutshell	<i>C Spies</i>
09:06	Q&A	
09:15	BREAK	

*Chairs L Gattinoni, N Juffermans*

09:30	Five steps of practical acid-base analysis	<i>F Duška</i>
09:50	Practical approach to osmolarity disorders	<i>N Van Regenmortel</i>
10:10	My take home points	<i>L Gattinoni</i>
10:20	Q&A	

*Chairs F Duska, M Pellegrini*

10:30	Physiology of respiratory mechanics	<i>L Heunks</i>
10:45	Gas exchange	<i>L Gattinoni</i>
10:55	PF ratios - don't get confused	<i>D Battaglini</i>
11:01	Setting the ventilator for ARDS	<i>M Pellegrini</i>
11:07	Setting the ventilator for COVID	<i>C Guérin</i>



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11:13 Setting the ventilator for airflow obstruction

*L Heunks*

11:19 Recruitment

*L Piquilloud*

11:25 Common mistakes in respiratory care

*L Brochard*

11:40 Q&A

12:00 END MORNING SESSION

## **LUNCH BREAK**

### **Afternoon session**

*Chairs B Weiss, C Boulanger*

12:45 The challenges of the weaning phase

*L Camporota*

13:00 Nurse-led weaning

*R Kleinpell*

13:06 Measuring respiratory drive

*M Pellegrini*

13:12 Targeting muscle power - ICUAW in a nutshell

*C Spies*

13:18 Spontaneous breathing trials

*M AlHaddad*

13:24 NIV/HFNO post extubation

*L Piquilloud*

13:30 Take home messages

*L Camporota*

13:40 Q&A

*Chairs L Derde, A Girbes*

14:00 BREAK

14:15 Haematological malignancies in ICU in a nutshell

*P Gruber*

14:30 Haematopoiesis and mechanisms of drugs

*J Laffey*

14:36 Chemo you can use in ICU

*C McKenzie*

14:42 Hyperviscosity syndrome

*A Le Roy*

14:48 Tumour lysis sy

*A Schneider*

14:54 Cytokine storm and haemophagocytosis

*A Conway-Morris*

15:00 GVHD

*A Girbes*

15:06 Wrap up

*P Gruber*

15:16 Q&A





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Chairs *P Gruber, P Povo*

- 15:30 Febrile neutropaemia and sepsis in the immunocompromised: practical, guideline-driven approach  
*J De Waele*
- 15:45 PCP  
*B Halacli*
- 15:51 Mycotic infections - diagnostics  
*G De Pascale*
- 15:57 Mycotic infections - antifungals  
*A Girbes*
- 16:03 Viral infections - what to do  
*M Martinez Martinez*
- 16:09 Role of steroids and growth stimulating factors  
*A Conway-Morris*
- 16:15 What do I take come about care of haematology patient  
*L Derde*
- 16:25 Course Closure  
*V Bennet*
- 16:45 END DAY 2

Preliminary