



*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	<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 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

13:36 White board summary

13:46 Q&A

*Chairs L Borgstedt, F Duska*

14:00 POLYTRAUMA - from physiology to management

14:30 My take home points

14:40 Q&A

15:00 BREAK

*Chairs G De Pascale, V Bennet*

15:15 Cerebral pathophysiology and what monitors assess

15:30 Neurocritical care for every intensivist?

15:36 Acute ischemic stroke

15:42 Cerebral haemorrhage

15:48 SAH

15:54 Infectious diseases

16:00 Why is my patient unconscious? From clinical examination to neuromonitoring

*G Meyfroidt*

16:15 Q&A

*Chairs M Maggiorini, V Metaxa*

16:30 BREAK

16:45 Traumatic head injuries

*C Robba*

17:00 Measuring ICP and PtiO<sub>2</sub>

*J Duranteau*

17:06 Seizure detection, treatment and prophylaxis

*L Borgstedt*

17:12 Decompressive craniectomy?

*G Meyfroidt*

17:18 Prognostication

*V Metaxa*

17:24 When to consider lightening sedation

*B Weiss*

17:30 Take home messages

*A Sarwal*

17:40 Q&A



*P Vignon*

*M Maggiorini*

*J Duranteau*

*M Pellegrini*

*G Citerio*

*A Sarwal*

*L Borgstedt*

*C Robba*

*L Galarza*

*J De Waele*

*G Meyfroidt*

*C Robba*

*J Duranteau*

*L Borgstedt*

*G Meyfroidt*

*V Metaxa*

*B Weiss*

*A Sarwal*



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18:00 END DAY 1





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

**Morning session**

*Chairs K Rusinova, S Schaller*

08:00	How do I decide who (not) to admit?	<i>V Metaxa</i>
08:15	Effective ward round 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>L Heunks</i>
11:13	Setting the ventilator for airflow obstruction	<i>L Heunks</i>



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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

*C Boulanger*

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 Outcomes of immunocompromised patients that require invasive MV *J Laffey*

14:36 Chemo you can use in ICU

*C McKenzie*

14:42 Hyperviscosity syndrome

*A Le Roy*

14:48 Tumour lysis syndrome

*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

*Chairs P Gruber, P Pova*



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