

V INTERNATIONAL BILINGUAL COURSE

Hemodynamic Monitoring and Tissue Perfusion

WEDNESDAY NOV 27TH

Coordinator: Eduardo Chinchón

08:00 - 08:10	Introduction	
08:10 - 08:50	Max Harry Weil Lecture 2024	
	Masterclass The ten most important issues I have learned in my career as a cardiovascular physiology researcher.	Michael Pinsky (US)
08:50 - 09:00	Discussion	
09:00 - 09:30	Lecture Venous congestion and organ dysfunction.	Eduardo Argai (México)
09:30 - 09:40	Discussion	
09:40 - 10:10	Lecture Acute kidney injury in septic shock: Time for sub-phenotyping?	Marlies Ostermann (UK)
10:00 - 10:10	Discussion	
10:20 - 10:50	Lecture. A holistic view of the impact of PEEP on venous congestion, cardiac function, and organ blood flow.	Jaime Retamal (Chile)
10:50 - 11:00	Discussion	
11:20 - 11:40	Lecture Is VEXUS the definitive congestion score?	Andre Denault (Canada) Karel Huard (Canada).
11:30 - 11:40	Break	
11:40 - 12:40	Roundtable Challenges for assessing venous congestion at the bedside. Chair: Phillip Rola (Canada) Katie Wiskar (Canada), Korbin Haycock (US), Rory Spiegel (US), Manu Malbrain (Belgium)	
12:40 a 13:10	Lecture Fluid responsiveness assessment in new contexts: weaning and fluid removal.	Xavier Monnet (France)
13:10 - 13:20	Discussion	
13:20 - 14:20	Roundtable Towards an integrated monitoring of all aspects of fluid resuscitation: fluid responsiveness, fluid tolerance, congestion endotypes, others. Chair: Eduardo Kattan (Chile) Jon-Émile S. Kenny (Canada), Ricardo Castro (Chile), Ross Prager (Canada), Pierre Gregoire Guinot (France)	



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THURSDAY, NOV 28TH

Coordinator: Eduardo Kattán

08:00 - 08:10	Introducción	
08:10 - 08:40	Lecture What have we really learned about septic shock resuscitation in the last 20 years?	Daniel de Backer (Belgium)
08:40 - 08:50	Discussion	
08:50 - 09:20	Lecture Physiology in the wild: Practical solutions for non-human problems.	Antonio Messina (Italy)
09:20 - 09:30	Discussion	
09:30 - 10:30	Roundtable Fundamental hemodynamic monitoring in septic shock: Invasive cardiac output monitoring, echocardiography, or both? Chair: Michelle Chew (Sweden) Oliver Hunsicker (Germany), Paula Carmona (Spain), Christian Jung (Germany), Olfa Hamzaoui (France)	
10:30 - 11:00	Lecture. The hyperdynamic heart in sepsis	Filippo Sanfilippo (Italy)
11:00 - 11:10	Break	
11:10 - 11:40	Lecture The failing right ventricle in septic shock.	Antoine Vieillard-Baron (Francia)
11.40-11.50	Discussion	
11:50 - 12:50	Roundtable Right ventricular failure in septic shock: diagnosis, monitoring, and clues to optimize management. Chair: Matt Siuba (US) María Carolina Cabrera (Chile), Armand Mekontso-Dessap (France), Adrian Wong (UK), Marc Vives (Spain)	
12:50 - 13:20	Lecture Why should we care about diastolic arterial pressure in septic shock.	Jean Louis Teboul (France)
13:20 - 13:30	Discussion	
13:30 - 14:30	Roundtable Challenges for a personalized management of septic shock: the ANDROMEDA-SHOCK-2 paradigm. Chair: Fernando Ramasco (Spain) Silvia Ramos (Spain), María Galiana (Spain), Eduardo Kattan (Chile), Pedro Wendel (Switzerland)	



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FRIDAY, NOV 29TH

Coordinator: Glenn Hernández

08:00 - 08:10	Introducción	
08:10 - 08:40	Lecture Refractory septic shock: an elusive concept.	Djillali Annane (France).
08:40 - 08:50	Discussion	
08:50 - 09:20	Lecture Vasopressin in septic shock: when, how, and for what?	Raquel García-Alvarez (Spain)
09:20 - 09:30	Discussion	
09:30 - 10:00	Lecture The case for early multimodal vasopressor therapy.	Miguel Ibarra (Mexico)
10:00 - 10:10	Discussion	
10:10 - 10:40	Lecture. Depurative or immunomodulatory therapies in refractory septic shock: do they really work?	Sascha David (Switzerland)
10:40 - 10:50	Break	
10:50 - 11:50	Roundtable Controversies in perfusion assessment in septic shock. Chair: Jan Bakker (Netherlands) Zbigniew Putowski (Poland), Hafid Ait-Oufella (France), Arnaldo Dubin (Argentina), Philippe Guerci (France)	
11:50 - 12:20	Lecture Metabolic reprogramming: a strategic ancient mechanism to survive sepsis.	Hernando Gómez (US).
12:20 - 12:30	Discussion	
12:30 - 13:00	Lecture Critical closing pressure and vascular waterfall.	Gustavo Ospina - Tascón (Colombia)
13:10 - 14:10	Roundtable Coupling macrohemodynamics to tissue perfusion: the ultimate goal of septic shock resuscitation. Chair: Glenn Hernández (Chile) César Aldecoa (Spain), Mervyn Singer (UK), Gustavo Ospina-Tascón (Colombia), Mathias Jacquet Lagreze (France)	
14:10 - 15:10	Roundtable Optimizing "old" therapies such as fluids and norepinephrine in septic shock. Chair: Maurizio Cecconi (Italy) Alexandre Cavalcanti (Brazil), Marc Leone (France), Gontzal Tamayo (Spain), Katia Donadello (Italy)	

