

ESICM EDEC MONOTHEMATIC SESSION: Pulmonary Hypertension in the ICU

16 SEPTEMBER 2026 – 09:00 - 17:00 (CET)

Format: Online

Time	Topic	Learning objectives	Experts
09:00	Welcome and introduction		M. Slama / P. Vignon
Part I: Definitions and assessment in the ICU Moderator / Facilitator: M. Slama, P. Vignon			
09:10	Pulmonary hypertension in 2026 (recorded lecture)	Critically appraise of current definitions, thresholds and implications for ICU practice	L. Savale
09:40	How to assess pulmonary hypertension using CCE	Estimate pulmonary pressures and recognize key findings of RV pressure overload using CCE	M. Slama
10:00	Post-capillary pulmonary hypertension at the bedside: possibilities and limitations	Assess the post-capillary component of pulmonary hypertension at the bedside and recognize its limitations in ICU patients	P. Vignon
10:15	 Streaming session #1: CCE to diagnose pulmonary hypertension	Demonstrate bedside stepwise CCE assessment of pulmonary hypertension and RV pressure overload	M. Slama/C. Brault/ Y. Zerbib
11:00	Q & A		
11:15	Coffee break		
Part II: RV–pulmonary artery interaction and ventilatory management Moderator / Facilitator: P. Vignon, F. Boissier			
11:30	RV–pulmonary artery coupling in the ICU	Develop the concept of RV–PA coupling and integrate it into bedside decision-making	R. Naeije
12:00	How to modify ventilator settings in (ARDS) patients with pulmonary hypertension?	Adapt ventilator settings, oxygenation and CO ₂ targets to protect the right ventricle in (ARDS-related) acute pulmonary hypertension	A. Vieillard-Baron
12:20	Q & A		
12:30	Lunch time		
Part III: Acute pulmonary hypertension due to pulmonary embolism Moderator / Facilitator: O. Hunsicker, M. Slama			
13:30	 Streaming session #2: CCE in pulmonary embolism	Demonstrate how to use CCE within a multimodal approach in pulmonary embolism	M. Slama/C. Brault/ Y. Zerbib
14:15	Importance of ACCE for Pulmonary Embolism Response Teams to optimize PE care	Apply CCE within the new clinical category approach to support risk stratification and treatment decisions	M. Balik
14:35	CCE-guided thrombolysis in acute pulmonary embolism	Describe viscoelasticity-guided and CCE-controlled thrombolysis	A. Kallai
14:50	Interactive case From acute PE to RV failure: CCE for decision-making (3 breakout rooms)	Compare diagnostic and therapeutic strategies in small groups, then agree on key decision points in plenary discussion	M. Nalos (breakout rooms: M. Nalos, A. Kallai, M. Balik)
15:50	Q & A		
16:00	Coffee break		
Part IV: Pulmonary hypertension due to chronic diseases Moderator / Facilitator: F. Boissier, M. Balik			
16:15	How to manage a patient with chronic pulmonary hypertension in the ICU	Build a practical ICU approach to decompensated severe pulmonary hypertension, including RV support, vasopressors and escalation	M. Balik
16:35	Post-capillary pulmonary hypertension and pulmonary congestion: avoiding diagnostic traps	Integrate CCE, venous congestion and lung ultrasound to identify left-sided drivers of pulmonary hypertension	P. Mayo
16:55	Wrap-up and take-home messages		O. Hunsicker/F. Boissier
17:00	End of session		