

**EDEC MONOTHEMATIC SESSION: SPECIFIC ICU SETTINGS**
**10 SEPTEMBER 2025 – 09:30 – 16:00 (CEST)**
**Format: Online**

Time	Topic	Learning objectives	Experts
09:30	Welcome		Martin Balik
<b>Part I: Cardiac surgery and mini-invasive procedures</b>			
<i>Moderator / Facilitator: Michelle Chew &amp; Antoine Herpain</i>			
09:35	Undifferentiated shock states after open-heart surgery	Illustrate diagnostic work-up Discuss additional value of TEE Describe epidemiology of complications	Bernard Cholley
09:55	Early complications related to open-heart surgery	Illustrate main complications Discuss which complication to seek according to the type of surgery	Fernando Clau-Terre (recording)
10:15	Guidance and assessment of (mini-)invasive cardiovascular procedures	Illustrate guidance of procedures (TAVI, mitral clips, external pacing, pericardial drainage) Illustrate assessment of results	Martin Balik
10:35	Q & A		
10:45	<b>Coffee break</b>		
<b>Part II: Severe trauma</b>			
<i>Moderator / Facilitator: Michel Slama &amp; Martin Balik</i>			
11:00	Undifferentiated shock in multisystem trauma patient	Illustrate diagnostic work-up with advanced echocardiography	David Cloete
11:15	Blunt aortic disruption	Illustrate additional value of TEE / CT Discuss management	Katerina Jiroutkova
11:30	Blunt cardiac injuries	Illustrate clinical presentation Illustrate main cardiac injuries Discuss TTE vs TEE approach	Paul Mayo
11:45	Illustrative clinical case #2	Myocardial trauma	Michelle Chew
11:55	Q & A		
12:10	<b>Lunch</b>		
<b>Part III: Brain-injured patients</b>			
<i>Moderator / Facilitator: Chiara Robba &amp; Michel Slama</i>			
13:00	Assessment of cerebral flow	Discuss use of transcranial Doppler Illustrate main pathological settings	Chiara Robba
13:20	Hemodynamic assessment of the brain-dead patient	Tips & tricks for initial assessment Illustrate the consequence of brain death on cardiac function	Katerina Jiroutkova
13:40	Eligibility for heart grafting	Illustrate required information Discuss the reversibility of observed changes	Florence Boissier
14:00	Illustrative clinical case #3	Echocardiography guidance of Maastricht III procedure	Martin Balik
14:10	Q & A		
14:20	<b>Coffee break</b>		
<b>Part IV: Mechanical circulatory assistance</b>			
<i>Moderator / Facilitator: Martin Balik &amp; Guido Tavazzi</i>			
14:35	Assessment of a patient with refractory cardiogenic shock (prior to MCS insertion)	Discuss timing of assessment Tips & tricks for initial assessment Illustrate questions to address	Jennifer Hastings (recording)
14:55	Assessment during MCS insertion (guidance)	Illustrate how CCE guide procedures	Martin Balik
15:15	Assessment after MCS insertion (complication, weaning)	Illustrate most frequent complications Discuss weaning management of MCS	Guido Tavazzi
15:35	Q & A		
15:50	Wrap up		Martin Balik
16:00	<b>End of session</b>		