

7-September-2025

Madeleine De Genst OPENING [Special session] 13:40 Welcome <i>Filippo Annoni</i> <i>Vincent Labbé</i> COLLABORATIVE EFFORTS IN CARDIOGENIC SHOCK [Cardiopulmonary] Moderator: <i>Fabio Guarracino</i> Moderator: <i>Nicole Juffermans</i> 14:00 Cardiogenic shock in 2025 <i>Daniel De Backer</i> 14:20 Networks of care <i>Susanna Price</i> 14:40 Multidisciplinary teams: why, how, and when? <i>Carlos L Alviar</i> 15:00 Discussion MECHANICAL CIRCULATORY SUPPORT: HOW [Mechanical circulatory support] Moderator: <i>Matthieu Legrand</i> Moderator: <i>Fabio S Taccone</i> 15:30 Intra-aortic balloon pumps: still a role in 2025? <i>Guillaume Leurent</i> 15:50 Acute MCS: not all devices are created equal <i>Susanna Price</i> 16:10 Which MCS for which patient? <i>Daniel De Backer</i> 16:30 Discussion HEMODYNAMIC MONITORING: PAST, PRESENT, AND FUTURE [Plenary lecture] 17:00 Hemodynamic monitoring: past, present, and future <i>Jean-Louis Vincent</i>	Louise Popelin PERIOPERATIVE MEDICINE [Perioperative] Moderator: <i>Matthieu Legrand</i> Moderator: <i>Xavier Monnet</i> 14:00 Preventing AKI in cardiac surgery <i>Giovanni Landoni</i> 14:20 Thromboprophylaxis: perioperative guidelines <i>Julie Helms</i> 14:40 Acute normovolemic hemodilution in cardiac surgery <i>Giovanni Landoni</i> 15:00 Discussion BACK TO PHYSIOLOGY 1 [Physiology] Moderator: <i>Julie Helms</i> Moderator: <i>Giovanni Landoni</i> 15:30 Interpretation of blood lactate levels <i>Jean-Louis Vincent</i> 15:50 Venous return: bedside applications <i>Xavier Monnet</i> 16:10 Does understanding heart-vessel physiology enhance hemodynamic management? <i>Fabio Guarracino</i> 16:30 Discussion	Elisabeth Wollast CHALLENGES IN CPR [Cardiac arrest] Moderator: <i>Filippo Annoni</i> Moderator: <i>Fabio S Taccone</i> 14:00 Ventilation strategies during CPR <i>Giuseppe Ristagno</i> 14:20 Epinephrine during CPR: does it work? <i>Markus Skrifvars</i> 14:40 New defibrillation strategies <i>Giuseppe Ristagno</i> 15:00 Discussion CARDIAC ULTRASOUND: BASIC SKILLS FOR INTENSIVISTS [Echocardiography] Moderator: <i>Carlos L Alviar</i> Moderator: <i>Giuseppe Ristagno</i> 15:30 LV systolic function and cardiac output <i>Filippo Annoni</i> 15:50 RV failure <i>Vincent Labbé</i> 16:10 Tamponade <i>Ghislaine Douflé</i> 16:30 Discussion
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8-September-2025

Madeleine De Genst UPDATE ON VASOPRESSORS IN SEPTIC SHOCK [Pharmacology] Moderator: <i>Filippo Annoni</i> Moderator: <i>Daniel De Backer</i> 8:15 Should we administer norepinephrine early? <i>Xavier Monnet</i> 8:35 Vasopressin: what is the evidence? <i>Matthieu Legrand</i> 8:55 Angiotensin II and methylene blue: ready for use? <i>Giovanni Landoni</i> 9:15 Discussion MECHANICAL CIRCULATORY SUPPORT: INDICATIONS	Louise Popelin CARDIOGENIC SHOCK [Hemodynamics] Moderator: <i>Carlos L Alviar</i> Moderator: <i>Susanna Price</i> 8:15 What is cardiogenic shock? <i>Christophe Vandenbriele</i> 8:35 Which hemodynamic monitoring? <i>Xavier Monnet</i> 8:55 Vasopressors and inotropes: recommendations and new trends <i>Bruno Levy</i> 9:15 Discussion BACK TO PHYSIOLOGY 2 [Physiology]	Elisabeth Wollast UPDATE ON MYOCARDIAL INFARCTION [Cardiopulmonary] Moderator: <i>Julie Helms</i> Moderator: <i>Vincent Labbé</i> 8:15 Which triggers for RBC transfusion? <i>Nicole Juffermans</i> 8:35 Interventional options for SCAI A and B stages <i>Marin Pavlov</i> 8:55 Acute and chronic antithrombotic treatment <i>Renaud Dendievel</i> 9:15 Discussion CARDIAC ULTRASOUND: ADVANCED SKILLS FOR INTENSIVISTS
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[Mechanical circulatory support]

Moderator: Bruno Levy

Moderator: Christophe Vandenbriele

9:45 In refractory cardiogenic shock

Matthieu Schmidt

10:05 In acute decompensated heart failure

Jean-Luc Vachieri

10:25 Veno-pulmonary assist during ARDS

Armand Mekontso Dessap

10:45 Discussion

11:00 Break

CHALLENGES IN PATIENTS WITH MCS 1

[Mechanical circulatory support]

Moderator: Marin Pavlov

Moderator: Fabio S Taccone

11:30 Impact of PEEP on cardiac function during VA ECMO

Nicole Juffermans

11:50 Managing antithrombotic therapy

Christophe Vandenbriele

12:10 Can we predict weaning from MCS in cardiogenic shock?

Susanna Price

12:30 Discussion

12:45 Lunch break

CARDIOGENIC SHOCK MANAGEMENT

[Hemodynamics]

Moderator: Daniel De Backer

Moderator: Susanna Price

14:00 Target blood pressure

Alexander Vlaar

14:20 Mechanical ventilation

Carlos L Alviar

14:40 Body temperature

Bruno Levy

15:00 Discussion

PHARMACOLOGICAL APPROACH IN PATIENTS WITH CARDIOGENIC SHOCK

[Pharmacology]

Moderator: Carlos L Alviar

Moderator: Matthieu Schmidt

15:30 Vasopressors

Daniel De Backer

15:50 Corticosteroids

Armand Mekontso Dessap

16:10 Inotropes

Daniel De Backer

16:30 Discussion

EVERYTHING YOU ALWAYS WANTED TO KNOW ABOUT CARDIOVASCULAR PHYSIOLOGY BUT WERE

Moderator: Nicole Juffermans

Moderator: Alexander Vlaar

9:45 Cardiogenic shock: the role of perfusion pressure

Armand Mekontso Dessap

10:05 Heart-lung interactions: bedside applications

Xavier Monnet

10:25 The cardio-cerebral axis

Fabio S Taccone

10:45 Discussion

11:00 Break

ULTRASOUND IN SHOCK AND CARDIAC ARREST

[Echocardiography]

Moderator: Armand Mekontso Dessap

Moderator: Giuseppe Ristagno

11:30 How to assess and manage a patient with shock

Fabio Guarracino

11:50 integration of invasive hemodynamics and point-of-care ultrasound

Carlos L Alviar

12:10 How to use ultrasound in cardiac arrest

Filippo Annoni

12:30 Discussion

12:45 Lunch break

POST-RESUSCITATION

[Cardiac arrest]

Moderator: Giovanni Landoni

Moderator: Fabio S Taccone

14:00 Mechanical support for post-cardiac arrest patients?

Markus Skrifvars

14:20 Novel gas therapies for organ protection

Giuseppe Ristagno

14:40 Can we assess cerebral autoregulation and personalize MAP targets?

Markus Skrifvars

15:00 Discussion

BACK TO PHYSIOLOGY 3

[Physiology]

Moderator: Nicole Juffermans

Moderator: Giovanni Landoni

15:30 Sex/gender and hemostasis

Julie Helms

15:50 What is behind the capillary refill time?

Xavier Monnet

16:10 The cardiovascular consequences of AKI

Matthieu Legrand

16:30 Discussion

[Echocardiography]

Moderator: Filippo Annoni

Moderator: Daniel De Backer

9:45 LV systolic function and cardiac output

François Bagate

10:05 LV filling pressures

Michelle Chew

10:25 Tamponade in the ICU

Ghislaine Douflé

10:45 Discussion

11:00 Break

HEMODYNAMIC MONITORING

[Hemodynamics]

Moderator: Giovanni Landoni

Moderator: Markus Skrifvars

11:30 Circulatory shock: new guidelines

Xavier Monnet

11:50 AI and hemodynamic monitoring

Alexander Vlaar

12:10 Renewed interest in the Swan-Ganz catheter in cardiogenic shock

Bruno Levy

12:30 Discussion

12:45 Lunch break

ULTRASOUND FOR CARDIAC CRISES

[Echocardiography]

Moderator: Filippo Annoni

Moderator: Ghislaine Douflé

14:00 Echocardiography in acute pulmonary edema

Michelle Chew

14:20 Cor pulmonale and ARDS

Armand Mekontso Dessap

14:40 Complications of myocardial infarction

Vincent Labbé

15:00 Discussion

INTERVENTIONAL CARDIOLOGY: WHAT THE INTENSIVIST SHOULD KNOW IN 2025

[Cardiopulmonary]

Moderator: Marin Pavlov

Moderator: Jean-Luc Vachieri

15:30 Mitral transcatheter edge-to-edge repair (TEER) in cardiogenic shock

Guillaume Leurent

15:50 Interventional valvular cardiology

Fabio Guarracino

16:10 Myocardial infarction

Mike El-Mourad

16:30 Discussion

AFRAID TO ASK [Plenary lecture] 17:00 Everything you always wanted to know about cardiovascular physiology but were afraid to ask <i>Xavier Monnet</i>		
9-September-2025		
Madeleine De Genst ECPR [Cardiac arrest] Moderator: Filippo Annoni Moderator: Matthieu Schmidt 8:15 Is there a role for eCPR in 2025? <i>Fabio S Taccone [PRO]</i> <i>Markus Skrifvars [CON]</i> 8:35 When should we ask for a coronary angiogram? <i>Guillaume Leurent</i> 8:55 Transporting the patient for eCPR: how should we do it? <i>Markus Skrifvars</i> 9:15 Discussion FLUID RESUSCITATION [Hemodynamics] Moderator: Julie Helms Moderator: Giuseppe Ristagno 9:45 Albumin for fluid resuscitation in cardiogenic shock? <i>Nicole Juffermans</i> 10:05 Fluid responsiveness: what's new? <i>Xavier Monnet</i> 10:25 HFpEF: how to better control fluid status? <i>Michelle Chew</i> 10:45 Discussion 11:00 Break CHALLENGES IN PATIENTS WITH MCS 2 [Mechanical circulatory support] Moderator: Fabio S Taccone Moderator: Alexander Vlaar 11:30 Infectious complications <i>Matthieu Schmidt</i> 11:50 Bleeding complications <i>Julie Helms</i> 12:10 Transfusion triggers during ECMO <i>Nicole Juffermans</i> 12:30 Discussion 12:45 Lunch break CARDIOGENIC SHOCK: STATE OF THE ART [Plenary lecture] 14:00 Cardiogenic shock: state of the art <i>Susanna Price</i>	Louise Popelin ADVANCED MONITORING STRATEGIES [Hemodynamics] Moderator: Armand Mekontso Dessap Moderator: Xavier Monnet 8:15 The microcirculation in cardiogenic shock and heart failure <i>Daniel De Backer</i> 8:35 Mitochondrial PO2 to guide shock resuscitation <i>Nicole Juffermans</i> 8:55 Lactate during cardiogenic shock <i>Bruno Levy</i> 9:15 Discussion RECENT DEVELOPMENTS IN CARDIAC ULTRASOUND [Echocardiography] Moderator: Fabio Guarracino Moderator: Armand Mekontso Dessap 9:45 Imaging cardiogenic shock <i>Susanna Price</i> 10:05 Assessing RV function <i>Ghislaine Douflé</i> 10:25 When do you need an expert in the ICU? <i>François Bagate</i> 10:45 Discussion 11:00 Break FOCUS ON PULMONARY EMBOLISM [Cardiopulmonary] Moderator: Guillaume Leurent Moderator: Armand Mekontso Dessap 11:30 Acute pulmonary embolism in chronic thromboembolic pulmonary hypertension? <i>Jean-Luc Vachery</i> 11:50 Interventional strategies for high-risk pulmonary embolism <i>Marin Pavlov</i> 12:10 VA ECMO in high-risk pulmonary embolism <i>Matthieu Schmidt</i> 12:30 Discussion 12:45 Lunch break HEMODYNAMIC ASSESSMENT [Hemodynamics]	Elisabeth Wollast UNLOADING OF THE LEFT VENTRICLE [Mechanical circulatory support] Moderator: Carlos L Alviar Moderator: Fabio S Taccone 8:15 When and how? <i>Fabio Guarracino</i> 8:35 Venting/unloading options for centers that do not use MCS frequently <i>Marin Pavlov</i> 8:55 Percutaneous atrial septostomy: an alternative way? <i>Guillaume Leurent</i> 9:15 Discussion RATE CONTROL: WHEN AND HOW [Pharmacology] Moderator: Matthieu Legrand Moderator: Jean-Luc Vachery 9:45 In cardiac surgery <i>Giovanni Landoni</i> 10:05 In sepsis <i>Daniel De Backer</i> 10:25 In new onset atrial fibrillation <i>Vincent Labbé</i> 10:45 Discussion 11:00 Break ROLE OF ULTRASOUND IN MCS [Echocardiography] Moderator: Filippo Annoni Moderator: Vincent Labbé 11:30 In VV ECMO <i>Ghislaine Douflé</i> 11:50 In VA ECMO <i>Fabio Guarracino</i> 12:10 With pVAD/LVAD <i>Ghislaine Douflé</i> 12:30 Discussion 12:45 Lunch break RHYTHM DISORDERS IN THE ICU [Cardiopulmonary] Moderator: François Bagate Moderator: Fabio Guarracino 14:45 How do you manage electrical storms? 15:15 Cardiac arrest and genetics: what intensivists

PHARMACOLOGICAL TREATMENTS [Pharmacology] Moderator: Nicole Juffermans Moderator: Markus Skrifvars 14:45 Do vasodilators have a role in the resuscitation of septic shock? <i>Matthieu Legrand</i> 15:15 Vasodilators in pulmonary hypertension <i>Jean-Luc Vachery</i> 15:45 New cardiovascular medications (SGLT2i and GLP1a): what implications for the intensivist? <i>Matthieu Legrand</i> 16:15 Discussion	Moderator: Carlos L Alviar Moderator: Ghislain Douflé 14:45 Lactate: more than a biomarker <i>Filippo Annoni</i> 15:15 Echo, PAC, or transpulmonary thermodilution in severe shock? <i>Xavier Monnet</i> 15:45 Can echocardiography identify septic cardiomyopathy? <i>Michelle Chew</i> 16:15 Discussion	should know <i>Antoine Bondue</i> 15:45 Should we anticoagulate patients with induced atrial fibrillation? <i>Vincent Labbé</i> 16:15 Discussion
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