

Scientific Programme

Saturday, 23 September 2017

Postgraduate Course
08:40 - 10:40

Room 1.61

ICM Research: Everything you need for a cracking start! - Defining the study question

Research and Clinical Work are Symbiotic! [Why research matters to clinicians; why clinical work is important for researchers.] **08:40**

Speaker: Sheldon Magder (Montreal, Canada)

Defining the hypothesis (literature search and critical analysis) **09:00**

Speaker: Hannah Wunsch (Toronto, Canada)

Study design **09:30**

Speaker: Harald Herkner (Vienna, Austria)

Defining the right population **10:00**

Speaker: Howard Bauchner (Boston, United States)

Discussion and Questions **10:30**

Postgraduate Course
09:00 - 10:15

Berlin

EDIC I Refresher Course: Cardiovascular

Chair: Hans Flaatten (Bergen, Norway)

Chair: Jean-Louis Teboul (Kremlin-Bicetre, France)

Introduction **09:00**

Speaker: Pascale Gruber (London, United Kingdom)

Heart lung interactions **09:05**

Speaker: Marco Maggiorini (Zurich, Switzerland)

Discussion **09:25**

Cardiogenic shock **09:30**

Speaker: Maurizio Cecconi (London, United Kingdom)

Discussion **09:50**

Challenge yourself: CVS MCQs with interactive discussion and voting **09:55**

Speaker: Paul Elbers (Amsterdam, Netherlands)

Scientific Programme

Postgraduate Course
09:00 - 09:30

Lisbon

Advanced course in echocardiography: Critical care echocardiography

#cardio

Overview regarding critical care echocardiography

09:00

Speaker: Daniel De Backer (Braine L'Alleud, Belgium)

Postgraduate Course
09:00 - 10:40

L2

State of the art in sepsis management: Sepsis recognition

Chair: Jan De Waele (Ghent, Belgium)

Sepsis, the clinical syndrome

09:00

Speaker: Yasser Sakr (Jena, Germany)

Key issues in microbiological diagnostics

09:20

Speaker: Michael Bauer (Jena, Germany)

Immune-monitoring

09:40

Speaker: Massimo Girardis (Modena, Italy)

Update on sepsis biomarkers

10:00

Speaker: Pedro Povoas (Lisbon, Portugal)

Discussion

10:20

Postgraduate Course
09:00 - 10:40

L6

Mechanical Ventilation: From basics to advanced treatment

#lung

History of mechanical ventilation

09:00

Speaker: Michael Quintel (Göttingen, Germany)

A basic introduction to the pathophysiology of ARDS

09:20

Speaker: Luigi Camporota (London, United Kingdom)

Controlled mechanical ventilation settings: Basics

09:40

Speaker: Giacomo Bellani (Monza, Italy)

How to assess respiratory mechanics at the bedside

10:10

Speaker: Claude Guérin (Lyon, France)

Scientific Programme

Postgraduate Course
09:00 - 10:30

L8

Basic course in echocardiography

#cardio

Basic competences in GCCUS: What should every intensivist know?

09:00

Speaker: Paul Mayo (New York, United States)

Basic competences in echocardiography: What should every intensivist know?

09:15

Speaker: Anthony McLean (Sydney, Australia)

Basic views for a cardiac study (demonstration using a simulator: Simultaneous display of 2D views and corresponding 3D model of the heart)

09:30

Speaker: Yanick Beaulieu (Montreal, Canada)

Postgraduate Course
09:00 - 10:30

BM1

Metabolism, nutrition & recovery: Metabolism response in ICU patients

Chair: Steffen Weber-Carstens (Berlin, Germany)

Energy expenditure

09:00

Speaker: Paul Marik (Virginia, United States)

Macronutrients requirements

09:20

Speaker: Paul Wischmeyer (Aurora, United States)

A place for a nutritional risk assessment

09:40

Speaker: Michael Hiesmayr (Vienna, Austria)

Which monitoring and which correction?

10:10

Speaker: Jan Wernerman (Stockholm, Sweden)

Postgraduate Course
09:30 - 13:30

Lisbon

Advanced course in echocardiography: LV systolic function

 #cardio

Echo parameters

09:30

Speaker: Philippe Vignon (Limoges, France)

coffee break

10:15

What is known in the different clinical situations in the ICU?

10:30

Speaker: Antoine Vieillard-Baron (Boulogne, France)

Cases/discussion

11:15

Speaker: Paul Mayo (New York, United States)

Scientific Programme

lunch break **11:45**

European Diploma: How does it work? **13:00**

Speaker: Daniel De Backer (Braine L'Alleud, Belgium)

Postgraduate Course
10:40 - 12:40

Berlin

EDIC I Refresher Course: Respiratory and airways management

Chair: Ravindra Kumar (Redhill, United Kingdom)
Chair: Carl Waldmann (Reading, United Kingdom)

Role of NIV/High-flow-nasal oxygen therapy **10:40**

Speaker: Massimo Antonelli (Rome, Italy)

Discussion **11:00**

Difficult to wean patients **11:05**

Speaker: Gavin Joynt (Hong Kong, Hong Kong, China)

Discussion **11:25**

ARDS **11:30**

Speaker: Claude Guérin (Lyon, France)

Discussion **11:50**

Managing MV in COPD **11:55**

Speaker: Jordi Mancebo Cortes (Montreal, Canada)

Discussion **12:15**

Challenge yourself: Respiratory MCQs with interactive discussion and voting **12:20**

Speaker: Brian Marsh (Dublin, Ireland)

Postgraduate Course
11:00 - 13:00

L2

State of the art in sepsis management: The failing organs

Chair: Massimo Girardis (Modena, Italy)

Cardiovascular alterations, from macro- to the microcirculation **11:00**

Speaker: Xavier Monnet (Paris, France)

The lung **11:20**

Speaker: Marco Ranieri (Rome, Italy)

The liver **11:40**

Speaker: Michael Bauer (Jena, Germany)

The kidney **12:00**

Scientific Programme

The brain	12:20
Speaker: Ricard Ferrer Roca (Barcelona, Spain)	
Discussion	12:40

Postgraduate Course 11:00 - 12:30	L5
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Basic course in echocardiography: Group C

#cardio

Clinical case on severe LV dysfunction	11:00
Speaker: Nick Fletcher (London, United Kingdom)	
Clinical cases showing images of normal and failing RV	11:15
Speaker: Xavier Repesse (Paris, France)	
Regional wall motion abnormalities, obvious cases, major territories (anterior, inferior, lateral)	11:30
Speaker: Michelle Chew (Malmö, Sweden)	
Clinical cases of pericardial effusion, tamponade or not?	11:45
Speaker: Nick Fletcher (London, United Kingdom)	
Clinical cases on valvular regurgitation (TTE, 2D and color Doppler only)	12:00
Speaker: Fernando Clau-Terré (Barcelona, Spain)	
Clinical cases with inferior vena cava	12:15
Speaker: Michel Slama (Amiens, France)	

Postgraduate Course 11:00 - 13:00	L6
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Mechanical Ventilation: From basics to advanced treatment

#lung

Hands-on session 1	11:00
Speaker: Giacomo Grasselli (Milan, Italy)	
Speaker: Lise Piquilloud (Lausanne, Switzerland)	
Speaker: Tommaso Mauri (Milan, Italy)	
Speaker: Lu Chen (Toronto, Canada)	
Speaker: Thomas Staudinger (Vienna, Austria)	
Strategies to set PEEP and to achieve lung recruitment	12:00
Speaker: Diederik Gommers (Rotterdam, Netherlands)	
Heart lung interaction during controlled ventilation	12:30
Speaker: Antoine Vieillard-Baron (Boulogne, France)	

Scientific Programme

Postgraduate Course
11:00 - 12:30

L7

Basic course in echocardiography: Group A

#cardio

Hands-on

11:00

Speaker: Eric Maury (Paris, France)
Speaker: Daniel Lichtenstein (Paris, France)
Speaker: Yanick Beaulieu (Montreal, Canada)
Speaker: Filippo Sanfilippo (Palermo, Italy)
Speaker: Bruno Mora (Vienna, Austria)
Speaker: Thomas Wasserscheid (Vienna, Austria)
Speaker: Nadia Aissaoui (Paris, France)
Speaker: Martin Balik (Prague, Czech Republic)

Postgraduate Course
11:00 - 12:30

L8

Basic course in echocardiography: Group B

#cardio

How to recognize severe left ventricular dysfunction (hypo & hyperkinesia)?

11:00

Speaker: Bernard Cholley (Paris, France)

Pericardial effusion & tamponade

11:15

Speaker: Bernard Cholley (Paris, France)

How to recognize a failing right ventricle?

11:30

Speaker: Antoine Vieillard-Baron (Boulogne, France)

Massive valvular regurgitation: How to identify the problem?

11:45

Speaker: Anna Bartunek (Vienna, Austria)

Wall motion abnormalities

12:00

Speaker: Gorazd Voga (Celje, Slovenia)

Inferior vena cava: How to measure? How to interpret? Limits

12:15

Speaker: Matthieu Legrand (Paris, France)

Postgraduate Course
11:00 - 12:50

Room 1.61

ICM Research: Everything you need for a cracking start! - Performing the study

Be part of the A team: who you should work with, what to research into

11:00

Speaker: Katie Lane (London, United Kingdom)

Grant writing: What needs to go into an application, what funders want, how grant panels think

11:20

Speaker: Hannah Wunsch (Toronto, Canada)

Scientific Programme

Establishing the endpoint - what (if any) is the best one to use in ICM research?	11:50
Speaker: Lui Forni (Surrey, United Kingdom)	
Sample size calculation: A balance between power and feasibility	12:10
Speaker: Giacomo Bellani (Monza, Italy)	
Discussion and questions	12:30

Postgraduate Course
11:00 - 13:00

BM1

Metabolism, nutrition & recovery: Hands-on session 1: Nutrition at bedside

Chair: Heleen Oudemans-van Straaten (Amsterdam, Netherlands)

Which optimal delay? A case presentation	11:00
Speaker: Michael Casaer (Leuven, Belgium)	
Which optimal route? A case presentation	11:30
Speaker: Paul Marik (Virginia, United States)	
Join the calorie and protein targets: a major goal?	12:00
Speaker: Olav Rooyackers (Stockholm, Sweden)	
From the "acute" to the "chronic" phase: increase progressively	12:30
Speaker: Mette Berger (Lausanne, Switzerland)	

Postgraduate Course
11:45 - 14:30

BM3

Perioperative ICU management of the high-risk surgical patient: Theoretical part

Introduction and welcome	11:45
Speaker: Bernardo Bollen Pinto (Geneva, Switzerland)	
The surgical stress response	12:00
Speaker: Rupert Pearse (London, United Kingdom)	
Risk stratification and management for high-risk surgical patients	12:30
Speaker: Ib Jammer (Bergen, Norway)	
Perioperative pain, agitation and delirium	13:00
Speaker: Torsten Schröder (Berlin, Germany)	
Perioperative blood management and coagulation	13:30
Speaker: Jens Meier (Linz, Austria)	
Perioperative respiratory and airway management	14:00
Speaker: Ben Creagh-Brown (Guildford, United Kingdom)	

Scientific Programme

Postgraduate Course
12:15 - 14:05

Paris

EDIC II Preparation Course

Welcome	12:15
Introduction (How EDIC II works)	12:30
Speaker: Francesca Rubulotta (London, United Kingdom)	
CBA video	13:00
Curves 1: ECG	13:15
Speaker: Hynek Riha (Prague, Czech Republic)	
Curves 2: Pressure waves	13:45
Speaker: Hans Flaatten (Bergen, Norway)	

Postgraduate Course
12:15 - 17:00

L3

Haemodynamic Management: How to assess haemodynamics in patients with shock?

Chair: Thomas Scheeren (Groningen, Netherlands)
Chair: Michael Pinsky (Pittsburgh, United States)

Presentation of the course	12:15
Speaker: Jean-Louis Teboul (Kremlin-Bicetre, France)	
How to use arterial pressure and all its components?	12:30
Speaker: Jean-Louis Teboul (Kremlin-Bicetre, France)	
Should we measure cardiac output: when and how?	13:00
Speaker: Xavier Monnet (Paris, France)	
Assessment of volume status	13:30
Speaker: Azriel Perel (Tel Aviv, Israel)	
Cardiac function	14:00
Speaker: Michael Pinsky (Pittsburgh, United States)	
SvO₂/ScvO₂	14:30
Speaker: Jean-Louis Vincent (Brussels, Belgium)	
Lactate and its kinetics	15:00
Speaker: Jan Bakker (Rotterdam, Netherlands)	
PCO₂ gap	15:30
Speaker: Thomas Scheeren (Groningen, Netherlands)	
Microcirculation/peripheral perfusion and oxygenation	16:00
Speaker: Jacques Duranteau (Kremlin-Bicetre, France)	
Do extravascular lung water measurements add something?	16:30
Speaker: Marco Maggiorini (Zurich, Switzerland)	

Scientific Programme

Postgraduate Course
13:30 - 15:30

Berlin

EDIC I Refresher Course: Sepsis and Inflammation

Chair: Claude Martin (Marseille, France)
Chair: Jerome Cockings (Reading, United Kingdom)

Multi-resistant bacteria on the ICU	13:30
Speaker: Jean-François Timsit (Paris, France)	
Discussion	13:50
Optimising antimicrobial dosing in the critically ill	13:55
Speaker: Jason Roberts (Brisbane, Australia)	
Discussion	14:15
Ventilator associated pneumonia	14:20
Speaker: Brian Marsh (Dublin, Ireland)	
Discussion	14:40
New sepsis guidelines	14:45
Speaker: Richard Beale (London, United Kingdom)	
Discussion	15:05
Challenge yourself: Sepsis MCQs with interactive discussion and voting	15:10
Speaker: Rajnish Saha (Harlow, United Kingdom)	

Postgraduate Course
13:30 - 17:00

Lisbon

Advanced course in echocardiography: LV diastolic function

#cardio

Echo parameters	13:30
Speaker: Michel Slama (Amiens, France)	
What is known in the different clinical situations in the ICU?	14:15
Speaker: Anthony McLean (Sydney, Australia)	
coffee break	15:00
Cases/discussion	15:30
Speaker: Philippe Vignon (Limoges, France)	
Pericardial disease and echo	16:15
Speaker: Paul Mayo (New York, United States)	

Scientific Programme

Postgraduate Course
13:30 - 15:00

L5

Basic course in echocardiography: Group A

#cardio

Clinical case on severe LV dysfunction 13:30

Speaker: Nick Fletcher (London, United Kingdom)

Clinical cases showing images of normal and failing RV 13:45

Speaker: Xavier Repesse (Paris, France)

Regional wall motion abnormalities, obvious cases, major territories (anterior, inferior, lateral) 14:00

Speaker: Michelle Chew (Malmö, Sweden)

Clinical cases of pericardial effusion, tamponade or not? 14:15

Speaker: Nick Fletcher (London, United Kingdom)

Clinical cases on valvular regurgitation (TTE, 2D and color Doppler only) 14:30

Speaker: Fernando Clau-Terré (Barcelona, Spain)

Clinical cases with inferior vena cava 14:45

Speaker: Michel Slama (Amiens, France)

Postgraduate Course
13:30 - 15:30

L6

Mechanical Ventilation: From basics to advanced treatment

#lung

Clinical case history: Respiratory mechanics to guide ventilatory settings 13:30

Speaker: Claude Guérin (Lyon, France)

Assisted mechanical ventilation settings: Basics 14:00

Speaker: Dimitris Georgopoulos (Heraklion, Greece)

How to assess respiratory mechanics and patient's effort during assisted mechanical ventilation 14:30

Speaker: Antonio Pesenti (Milan, Italy)

Patient-ventilator interaction during assisted mechanical ventilation 14:50

Speaker: Giuseppe Foti (Monza, Italy)

Impact of mechanical ventilation on respiratory muscles 15:10

Speaker: Samir Jaber (Montpellier, France)

Postgraduate Course
13:30 - 15:00

L7

Basic course in echocardiography: Group B

#cardio

Scientific Programme

Hands-on	13:30
Speaker: Eric Maury (Paris, France)	
Speaker: Daniel Lichtenstein (Paris, France)	
Speaker: Yanick Beaulieu (Montreal, Canada)	
Speaker: Bruno Mora (Vienna, Austria)	
Speaker: Filippo Sanfilippo (Palermo, Italy)	
Speaker: Thomas Wasserscheid (Vienna, Austria)	
Speaker: Nadia Aissaoui (Paris, France)	
Speaker: Martin Balik (Prague, Czech Republic)	
 Postgraduate Course 13:30 - 15:00	 L8
Basic course in echocardiography: Group C	
#cardio	
How to recognize severe left ventricular dysfunction (hypo & hyperkinesia)?	13:30
Speaker: Bernard Cholley (Paris, France)	
How to recognize a failing right ventricle?	13:45
Speaker: Antoine Vieillard-Baron (Boulogne, France)	
Pericardial effusion & tamponade	14:00
Speaker: Bernard Cholley (Paris, France)	
Massive valvular regurgitation: How to identify the problem?	14:15
Speaker: Anna Bartunek (Vienna, Austria)	
Wall motion abnormalities	14:30
Speaker: Gorazd Voga (Celje, Slovenia)	
Inferior vena cava: How to measure? How to interpret? Limits	14:45
Speaker: Matthieu Legrand (Paris, France)	
 Postgraduate Course 13:30 - 15:30	 BM1
Metabolism, nutrition & recovery: Hands-on session 2: Nutrition at bedside	
Chair: Michael Casaer (Leuven, Belgium)	
Immunomodulating nutrition (arginine, glutamine, omega 3): When and how?	13:30
Speaker: Arthur van Zanten (Ede, Netherlands)	
Micronutrients (vitamins, trace elements): When and how?	14:00
Speaker: Kenneth Christopher (Boston, United States)	
How to detect and manage gastrointestinal feeding intolerance?	14:30
Speaker: Annika Reintam Blaser (Tartu, Estonia)	
From prescription to delivery: How to improve it?	15:00
Speaker: Danielle E. Bear (London, United Kingdom)	

Scientific Programme

Postgraduate Course
13:40 - 15:40

Room 1.61

ICM Research: Everything you need for a cracking start! - Analysis

Planning statistical analysis

13:40

Speaker: David A. Harrison (London, United Kingdom)

Randomisation strategies and alternatives

14:00

Speaker: Hannah Wunsch (Toronto, Canada)

Which control group?

14:20

Speaker: David A. Harrison (London, United Kingdom)

Data collection: What, how and when

14:40

Speaker: Geert Meyfroidt (Leuven, Belgium)

Big Data (cooperation with the TechLounge)

15:00

Speaker: Felix Balzer (Berlin, Germany)

Postgraduate Course
14:00 - 16:00

L1

State of the art in sepsis management: How to assess (Workshops)

Chair: Yasser Sakr (Jena, Germany)

The septic patient; case-based discussions

14:00

Speaker: Jan De Waele (Ghent, Belgium)

Volume status

14:30

Speaker: Jean-Louis Teboul (Kremlin-Bicetre, France)

Cardiac function

15:00

Speaker: Daniel De Backer (Braine L'Alleud, Belgium)

Microcirculation and peripheral perfusion

15:30

Speaker: Zsolt Molnar (Szeged, Hungary)

Postgraduate Course
14:20 - 15:45

Paris

EDIC II Preparation Course

Curves 3: Ventilator screens

14:20

Biochemistry 1: Advanced acid-base

15:00

Speaker: Frantisek Duska (Prague, Czech Republic)

Scientific Programme

Postgraduate Course
15:00 - 18:00

BM3

Perioperative ICU management of the high-risk surgical patient: Practical part

Coagulation : Group 1

15:00

Speaker: Christian Von Heymann (Berlin, Germany)
Speaker: Matthias Wolff (Giessen, Germany)
Speaker: Barbara Steinlechner (Vienna, Austria)

Delirium: Group 2

15:45

Speaker: Bjoern Weiss (Berlin, Germany)
Speaker: Arjen J C Slooter (Utrecht, Netherlands)

Coagulation: Group 2

16:30

Speaker: Christian Von Heymann (Berlin, Germany)
Speaker: Matthias Wolff (Giessen, Germany)
Speaker: Barbara Steinlechner (Vienna, Austria)

Delirium: Group 1

17:15

Speaker: Bjoern Weiss (Berlin, Germany)
Speaker: Arjen J C Slooter (Utrecht, Netherlands)

Postgraduate Course
15:30 - 17:00

L5

Basic course in echocardiography: Group B

#cardio

Clinical case on severe LV dysfunction

15:30

Speaker: Nick Fletcher (London, United Kingdom)

Clinical cases showing images of normal and failing RV

15:45

Speaker: Olfa Hamzaoui (Clamart, France)

Regional wall motion abnormalities, obvious cases, major territories (anterior, inferior, lateral)

16:00

Speaker: Michelle Chew (Malmö, Sweden)

Clinical cases of pericardial effusion, tamponade or not?

16:15

Speaker: Nick Fletcher (London, United Kingdom)

Clinical cases on valvular regurgitation (TTE, 2D and color Doppler only)

16:30

Speaker: Fernando Clau-Terré (Barcelona, Spain)

Clinical cases with inferior vena cava

16:45

Speaker: Michel Slama (Amiens, France)

Postgraduate Course
15:30 - 17:00

L7

Basic course in echocardiography: Group C

#cardio

Scientific Programme

Hands-on 15:30

Speaker: Eric Maury (Paris, France)
Speaker: Daniel Lichtenstein (Paris, France)
Speaker: Yanick Beaulieu (Montreal, Canada)
Speaker: Xavier Repesse (Paris, France)
Speaker: Filippo Sanfilippo (Palermo, Italy)
Speaker: Thomas Wasserscheid (Vienna, Austria)
Speaker: Bruno Mora (Vienna, Austria)
Speaker: Nadia Aissaoui (Paris, France)

Postgraduate Course
15:30 - 17:00

L8

Basic course in echocardiography: Group A

#cardio

How to recognize severe left ventricular dysfunction (hypo & hyperkinesia)? 15:30

Speaker: Bernard Cholley (Paris, France)

How to recognize a failing right ventricle? 15:45

Speaker: Antoine Vieillard-Baron (Boulogne, France)

Pericardial effusion & tamponade 16:00

Speaker: Bernard Cholley (Paris, France)

Massive valvular regurgitation: How to identify the problem? 16:15

Speaker: Anna Bartunek (Vienna, Austria)

Wall motion abnormalities 16:30

Speaker: Gorazd Voga (Celje, Slovenia)

Inferior vena cava: How to measure? How to interpret? Limits 16:45

Speaker: Matthieu Legrand (Paris, France)

Postgraduate Course
15:40 - 17:00

Room 1.61

ICM Research: Everything you need for a cracking start! - Presentation and publication

Where and how to present your research: What I look for in a poster & oral presentation 15:40

Speaker: Julia Wendon (London, United Kingdom)

Where and how to publish your research: What you should know, what do journal editors think and want 16:00

Speaker: Jean-Louis Vincent (Brussels, Belgium)

Answering reviewers' comments 16:20

Speaker: Elie Azoulay (Paris, France)

Discussion and questions 16:40

Scientific Programme

Postgraduate Course
16:00 - 17:35

Berlin

EDIC I Refresher Course: Trauma and Surgery

Chair: Bernardo Bollen Pinto (Geneva, Switzerland)
Chair: Martin Dünser (London, United Kingdom)

Use of ultrasound in trauma management **16:00**

Speaker: Christian Sitzwohl (Vienna, Austria)

Discussion **16:20**

The high risk surgical patient **16:25**

Speaker: Michael Sander (Giessen, Germany)

Discussion **16:45**

Managing polytrauma **16:50**

Speaker: Jacques Duranteau (Kremlin-Bicetre, France)

Discussion **17:10**

Challenge yourself: Trauma and Surgery MCQs with interactive discussion and voting **17:15**

Speaker: Hans Flaatten (Bergen, Norway)

Postgraduate Course
16:00 - 18:30

Paris

EDIC II Preparation Course

Biochemistry 2: Vignette, ions and patterns **16:00**

Speaker: Paul Elbers (Amsterdam, Netherlands)

CBA images 1: CXR/AXR **16:45**

Speaker: Rajnish Saha (Harlow, United Kingdom)

CBA images 2: CT/US **17:30**

Speaker: Jerome Cockings (Reading, United Kingdom)

Postgraduate Course
16:00 - 18:00

L6

Mechanical Ventilation: From basics to advanced treatment

#lung

Hands-on session 2 **16:00**

Speaker: Giacomo Grasselli (Milan, Italy)
Speaker: Lise Piquilloud (Lausanne, Switzerland)
Speaker: Tommaso Mauri (Milan, Italy)
Speaker: Lu Chen (Toronto, Canada)
Speaker: Thomas Staudinger (Vienna, Austria)

Role of non-invasive ventilation in acute hypoxaemic respiratory failure **17:00**

Speaker: Massimo Antonelli (Rome, Italy)

Scientific Programme

Prone position theoretical and practical aspects **17:30**

Speaker: Claude Guérin (Lyon, France)

Postgraduate Course
16:00 - 17:20

BM1

Metabolism, nutrition & recovery: Fight muscle loss: The key of long-term recovery?

Chair: Carole Ichai (Nice, France)

Proteins for minimizing muscle loss in ICU?

16:00

Speaker: Heleen Oudemans-van Straaten (Amsterdam, Netherlands)

Restoring muscle with a multimodal approach

16:20

Speaker: Danielle E. Bear (London, United Kingdom)

How to monitor muscle mass and function? Clinical presentation

16:40

Speaker: Steffen Weber-Carstens (Berlin, Germany)

Maintaining muscles recovery after ICU: An essential challenge

17:00

Postgraduate Course
17:20 - 18:00

Room 1.61

ICM Research: Everything you need for a cracking start! - Study challenge

How ESICM and NEXT can help with your research

17:20

Speaker: Peter Schellongowski (Vienna, Austria)

Speaker: Burcin Halacli (Ankara, Turkey)

Setting the Challenge

17:40

Speaker: Jean-Daniel Chiche (Paris, France)

Scientific Programme

Sunday, 24 September 2017

Postgraduate Course
08:00 - 10:15

Paris

EDIC II Preparation Course

How to go through CCS 1 Medical

08:00

Speaker: Ravindra Kumar (Redhill, United Kingdom)

CCS video

09:00

How to go through CCS 2 Cardiothoracic

09:15

Speaker: Brian Marsh (Dublin, Ireland)

Postgraduate Course
08:30 - 10:05

Berlin

EDIC I Refresher Course: Nephrology, Electrolytes, and fluid management

Chair: Lui Forni (Surrey, United Kingdom)

Chair: Marlies Ostermann (London, United Kingdom)

Acute kidney injury

08:30

Speaker: John Prowle (London, United Kingdom)

Discussion

08:50

Acid Base for the expert

08:55

Speaker: Frantisek Duska (Prague, Czech Republic)

Discussion

09:15

Renal replacement therapies

09:20

Discussion

09:40

Challenge yourself: Nephrology MCQs with interactive discussion and voting

09:45

Speaker: Frantisek Duska (Prague, Czech Republic)

Postgraduate Course
08:30 - 10:30

L3

Haemodynamic Management: Which therapies?

Chair: Xavier Monnet (Paris, France)

Chair: Antonio Artigas (Barcelona, Spain)

Fluid therapy: what is the best solution?

08:30

Speaker: Jean-Louis Vincent (Brussels, Belgium)

Fluid challenge: how to do?

09:00

Speaker: Maurizio Cecconi (London, United Kingdom)

Scientific Programme

Vasopressors: when, which, how much? **09:30**

Speaker: Jean-Louis Teboul (Kremlin-Bicetre, France)

Inotropes: when, which, how much? **10:00**

Speaker: Daniel De Backer (Braine L'Alleud, Belgium)

Postgraduate Course
08:30 - 09:00

Room 1.61

NEXT Day: Welcoming & introduction

#ESICMNEXT

ESICM: Education, Scientific Research and Network! **08:30**

Speaker: Massimo Antonelli (Rome, Italy)

Welcome to ECMO-PG! **08:45**

Speaker: Bjoern Weiss (Berlin, Germany)

Postgraduate Course
09:00 - 12:00

Lisbon

Advanced course in echocardiography: Fluid management

#cardio

Static echo parameters **09:00**

Speaker: Michel Slama (Amiens, France)

Echo and fluid responsiveness evaluation **09:30**

Speaker: Philippe Vignon (Limoges, France)

Cases/discussion **10:00**

Speaker: Antoine Vieillard-Baron (Boulogne, France)

coffee break **10:30**

How to do in practice? **11:00**

Speaker: Anthony McLean (Sydney, Australia)

TEE: Main views, interest, side effects and contraindications **11:30**

Speaker: Antoine Vieillard-Baron (Boulogne, France)

Postgraduate Course
09:00 - 10:40

L2

State of the art in sepsis management: Antibiotics

Chair: Jan De Waele (Ghent, Belgium)

Principles of empirical therapy **09:00**

Speaker: José Artur Paiva (Porto, Portugal)

Scientific Programme

Antimicrobial PK and PD	09:20
Speaker: Jason Roberts (Brisbane, Australia)	
Multidrug resistance_ Epidemiology - Implications for practice	09:40
Speaker: Jan De Waele (Ghent, Belgium)	
Who needs antifungal therapy	10:00
Speaker: José Garnacho Montero (Seville, Spain)	
Discussion	10:20

Postgraduate Course
09:00 - 10:35

L5

Basic course in echocardiography: Group C

#cardio

Clinical case pneumothorax (pleural sliding present and absent, 2D and M-mode, lung point)	09:00
Speaker: Aarne Feldheiser (Berlin, Germany)	
Clinical cases of pleural effusion, various importances	09:20
Speaker: Bruno Mora (Vienna, Austria)	
Clinical cases of lung condensation	09:40
Speaker: Yanick Beaulieu (Montreal, Canada)	
Practical approach to Respiratory Distress	10:00
Speaker: Yanick Beaulieu (Montreal, Canada)	
Examples of diaphragmatic evaluation, pitfalls in measurement	10:20
Speaker: Eric Maury (Paris, France)	

Postgraduate Course
09:00 - 10:30

L6

Mechanical Ventilation: From basics to advanced treatment

#lung

Non conventional forms of ventilation: APRV/PAV/NAVA	09:00
Speaker: Lise Piquilloud (Lausanne, Switzerland)	
Role of ECMO in the treatment of acute respiratory failure	09:20
Speaker: Alain Combes (Paris, France)	
Advanced respiratory monitoring: Transpulmonary pressure and lung volumes	09:40
Speaker: Luciano Gattinoni (Milan, Italy)	
Patients with severe asthma: unfrequent but nasty!	10:10
Speaker: Jean-Michel Constantin (Clermont-Ferrand, France)	

Scientific Programme

Postgraduate Course
09:00 - 10:30

L7

Basic course in echocardiography: Group A

#cardio

Hands-on

09:00

Speaker: Bernard Cholley (Paris, France)
Speaker: Gorazd Voga (Celje, Slovenia)
Speaker: Matthieu Legrand (Paris, France)
Speaker: Olfa Hamzaoui (Clamart, France)
Speaker: Xavier Repesse (Paris, France)
Speaker: Filippo Sanfilippo (Palermo, Italy)
Speaker: Anna Bartunek (Vienna, Austria)
Speaker: Thomas Wasserscheid (Vienna, Austria)

Postgraduate Course
09:00 - 10:35

L8

Basic course in echocardiography: Group B

#cardio

Echo signs of pneumothorax

09:00

Speaker: Paul Mayo (New York, United States)

Pleural effusion

09:20

Speaker: Paul Mayo (New York, United States)

Lung condensation: Pneumonia, atelectasis,...

09:40

Speaker: Daniel Lichtenstein (Paris, France)

Diaphragmatic function: How to evaluate?

10:00

Speaker: Nadia Aissaoui (Paris, France)

Respiratory distress: Basic approach using US

10:15

Speaker: Philippe Vignon (Limoges, France)

Postgraduate Course
09:00 - 11:00

Room 1.61

NEXT Day: ECLS from A to O

#ESICMNEXT

Chair: Steven Thiessen (Leuven, Belgium)
Chair: Bernardo Bollen Pinto (Geneva, Switzerland)

Refractory hypoxemia: therapeutic strategies

09:00

Speaker: Antonio Pesenti (Milan, Italy)

Hemodynamics on ECMO: what happens on pump?

09:30

Speaker: Jan Bakker (Rotterdam, Netherlands)

Scientific Programme

Weaning from ECMO and ventilation	10:00
Speaker: Giacomo Grasselli (Milan, Italy)	
Ventilation on ECMO: tidal? peep? driving pressure?	10:30
Speaker: Luciano Gattinoni (Milan, Italy)	
 Postgraduate Course 09:00 - 17:00	 BM1
Practical aspects of RRT in ICU patients	
#renal	
Welcome	09:00
Speaker: Eric Hoste (Ghent, Belgium)	
Terminology of AKI and RRT	09:10
Speaker: Antoine Schneider (Lausanne, Switzerland)	
Selection of RRT modality	09:30
Speaker: John Prowle (London, United Kingdom)	
Coffee	10:00
CRRT machines	10:30
Speaker: John Prowle (London, United Kingdom)	
Speaker: Antoine Schneider (Lausanne, Switzerland)	
Speaker: Olivier Joannes-Boyau (Pessac, France)	
Speaker: Barbara Philips (London, United Kingdom)	
How to use IRRT in critically ill patients	11:15
Speaker: Stéphane Gaudry (Colombes, France)	
Speaker: Eric Hoste (Ghent, Belgium)	
Catheters and filters	12:00
Speaker: Thomas Rimmelé (Lyon, France)	
Speaker: Patrick Honoré (Brussels, Belgium)	
Lunch	12:45
How to keep the filter patent	13:45
Speaker: Thomas Rimmelé (Lyon, France)	
Cases I (relevant to practice of RRR)	14:30
Speaker: John Prowle (London, United Kingdom)	
Speaker: Barbara Philips (London, United Kingdom)	
Speaker: Stéphane Gaudry (Colombes, France)	
Coffee break	15:30
Cases II (trouble shooting during RRT)	15:45
Speaker: Patrick Honoré (Brussels, Belgium)	
Speaker: Antoine Schneider (Lausanne, Switzerland)	
Speaker: Olivier Joannes-Boyau (Pessac, France)	

Scientific Programme

Postgraduate Course
09:00 - 11:30

BM3

Perioperative ICU management of the high-risk surgical patient: Theoretical part

Perioperative haemodynamic management **09:00**

Speaker: Monty Mythen (London, United Kingdom)

Perioperative respiratory and airway management **09:30**

Speaker: Ben Creagh-Brown (Guildford, United Kingdom)

Perioperative renal management **10:00**

Speaker: Matthias Heringlake (Lübeck, Germany)

Improving long time outcomes after surgery **10:30**

Speaker: Michelle Chew (Malmö, Sweden)

Perioperative ICU admission - risk stratification **11:00**

Speaker: Hannah Wunsch (Toronto, Canada)

Postgraduate Course
10:30 - 12:05

Berlin

EDIC I Refresher Course: Nervous System

Chair: Lara Prisco (Oxford, United Kingdom)

Chair: Chiara Robba (Cambridge, United Kingdom)

Traumatic brain injury: from physiology to treatment **10:30**

Speaker: Nino Stocchetti (Milan, Italy)

Discussion **10:50**

Neuromuscular disorders **10:55**

Speaker: Zudin A. Puthuchear (London, United Kingdom)

Discussion **11:15**

Managing stroke **11:20**

Speaker: Giuseppe Citerio (Monza, Italy)

Discussion **11:40**

Challenge yourself: Nervous system MCQs with interactive discussion and voting **11:45**

Speaker: Armand Girbes (Amsterdam, Netherlands)

Postgraduate Course
10:30 - 16:00

Room 1.85

EDIC II Preparation Course

Mock exams **10:30**

Scientific Programme

Postgraduate Course
11:00 - 13:00

L2

State of the art in sepsis management: Sepsis therapeutics

Chair: Jean-Louis Teboul (Kremlin-Bicetre, France)

Source control - a key issue 11:00

Speaker: Ignacio Martin-Loeches (Dublin, Ireland)

Fluid therapy: What is the best solution? 11:20

Speaker: Anders Perner (Copenhagen, Denmark)

Vasopressors and inotropics: When, which, how much? 11:40

Speaker: Claude Martin (Marseille, France)

Adjunct therapies 12:00

Speaker: Massimo Girardis (Modena, Italy)

Therapies in the pipeline 12:20

Speaker: Konrad Reinhart (Jena, Germany)

Discussion 12:40

Postgraduate Course
11:00 - 12:30

L3

Haemodynamic Management: Which management in specific situations?

Chair: Azriel Perel (Tel Aviv, Israel)

Chair: Zsolt Molnar (Szeged, Hungary)

Shock with ARDS 11:00

Speaker: Xavier Monnet (Paris, France)

Shock due to right ventricular failure 11:30

Speaker: Alexandre Mebazaa (Paris, France)

Shock with intra-abdominal hypertension 12:00

Speaker: Manu Malbrain (Antwerp, Belgium)

Postgraduate Course
11:00 - 12:35

L5

Basic course in echocardiography: Group A

#cardio

Clinical case pneumothorax (pleural sliding present and absent, 2D and M-mode, lung point) 11:00

Speaker: Aarne Feldheiser (Berlin, Germany)

Clinical cases of pleural effusion, various importances 11:20

Speaker: Bruno Mora (Vienna, Austria)

Scientific Programme

Clinical cases of lung condensation	11:40
Speaker: Yanick Beaulieu (Montreal, Canada)	
Practical approach to Respiratory Distress	12:00
Speaker: Yanick Beaulieu (Montreal, Canada)	
Examples of diaphragmatic evaluation, pitfalls in measurement	12:20
Speaker: Eric Maury (Paris, France)	

Postgraduate Course
11:00 - 13:00

L6

Mechanical Ventilation: From basics to advanced treatment

#lung

Hands-on session 3	11:00
Speaker: Giacomo Grasselli (Milan, Italy)	
Speaker: Lise Piquilloud (Lausanne, Switzerland)	
Speaker: Tommaso Mauri (Milan, Italy)	
Speaker: Lu Chen (Toronto, Canada)	
Speaker: Thomas Staudinger (Vienna, Austria)	
Heart-lung interaction during assisted ventilation	12:00
Speaker: Michael Pinsky (Pittsburgh, United States)	
Imaging techniques to guide mechanical ventilation	12:30
Speaker: Giacomo Bellani (Monza, Italy)	

Postgraduate Course
11:00 - 12:30

L7

Basic course in echocardiography: Group B

#cardio

Hands-on	11:00
Speaker: Bernard Cholley (Paris, France)	
Speaker: Gorazd Voga (Celje, Slovenia)	
Speaker: Matthieu Legrand (Paris, France)	
Speaker: Xavier Repesse (Paris, France)	
Speaker: Olfa Hamzaoui (Clamart, France)	
Speaker: Filippo Sanfilippo (Palermo, Italy)	
Speaker: Anna Bartunek (Vienna, Austria)	
Speaker: Thomas Wasserscheid (Vienna, Austria)	

Postgraduate Course
11:00 - 12:35

L8

Basic course in echocardiography: Group C

#cardio

Scientific Programme

Echo signs of pneumothorax	11:00
Speaker: Paul Mayo (New York, United States)	
Pleural effusion	11:20
Speaker: Paul Mayo (New York, United States)	
Lung condensation: Pneumonia, atelectasis,...	11:40
Speaker: Daniel Lichtenstein (Paris, France)	
Respiratory distress: Basic approach using US	12:00
Speaker: Philippe Vignon (Limoges, France)	
Diaphragmatic function: How to evaluate?	12:20
Speaker: Nadia Aissaoui (Paris, France)	

Postgraduate Course
11:00 - 12:00

Room 1.61

NEXT Day: Trouble shooting

#ESICMNEXT

Chair: Peter Schellongowski (Vienna, Austria)
Chair: Nishkantha Arulkumaran (London, United Kingdom)

Interactive A: Cases - how would you decide?	11:00
Speaker: Didier Payen (Paris, France)	
Interactive B: Complications to deal with?	11:30
Speaker: Brijesh Patel (London, United Kingdom)	

Postgraduate Course
12:00 - 13:00

Room 1.61

NEXT Day: Key note

#ESICMNEXT

Chair: Frauke Weidanz (Edinburgh, United Kingdom)
Chair: Manuel Mendoza Ruano (Las Palmas de Gran Canaria, Spain)

50 years of extracorporeal lung support: lessons from history	12:00
Speaker: Michael Quintel (Göttingen, Germany)	

Postgraduate Course
12:00 - 13:30

BM3

Perioperative ICU management of the high-risk surgical patient: Practical part

Scientific Programme

Crisis resource management: Group 1	12:00
Speaker: Torsten Schröder (Berlin, Germany)	
Speaker: Marit Habicher (Berlin, Germany)	
Speaker: Dagmar Schulte (Giessen, Germany)	
Speaker: Marcus Müllich (Giessen, Germany)	
Vascular access/Airway management: Group 2	12:45
Speaker: Nick Fletcher (London, United Kingdom)	
Speaker: Michael Hiesmayr (Vienna, Austria)	
Postgraduate Course 13:00 - 14:35	Berlin
EDIC I Refresher Course: GI System	
Chair: Sameer Jog (Pune, India)	
Chair: Marco Maggiorini (Zurich, Switzerland)	
Abdominal hypertension and compartment syndrome	13:00
Speaker: Hans Flaatten (Bergen, Norway)	
Discussion	13:20
Liver failure	13:25
Speaker: Julia Wendon (London, United Kingdom)	
Discussion	13:45
Nutrition: what, when and how?	13:50
Speaker: Marlies Ostermann (London, United Kingdom)	
Discussion	14:10
Intoxication	14:15
Speaker: Armand Girbes (Amsterdam, Netherlands)	
Postgraduate Course 13:00 - 16:00	Lisbon
Advanced course in echocardiography: RV function	
Echo parameters	13:00
Speaker: Anthony McLean (Sydney, Australia)	
What is known in the different clinical situations in the ICU?	13:45
Speaker: Antoine Vieillard-Baron (Boulogne, France)	
Cases/discussion	14:15
Speaker: Michel Slama (Amiens, France)	
coffee break	14:45

Scientific Programme

How do I perform in practice an echo examination at the bedside and the report **15:00**

Speaker: Paul Mayo (New York, United States)

Pitfalls and mimickers **15:30**

Speaker: Philippe Vignon (Limoges, France)

Postgraduate Course
13:00 - 15:00

L3

Haemodynamic Management: Clinical case-based discussion

Chair: Thomas Scheeren (Groningen, Netherlands)
Chair: Jean-Louis Teboul (Kremlin-Bicetre, France)

Station 1 **13:00**

Speaker: Michael Pinsky (Pittsburgh, United States)
Speaker: Hollmann Aya Bernal (London, United Kingdom)

Station 2 **13:30**

Speaker: Xavier Monnet (Paris, France)
Speaker: Bernd Saugel (Hamburg, Germany)

Station 3 **14:00**

Speaker: Antonio Artigas (Barcelona, Spain)
Speaker: Olfa Hamzaoui (Clamart, France)

Station 4 **14:30**

Speaker: Daniel Reuter (Hamburg, Germany)
Speaker: Ignacio Monge Garcia (Jerez de la Frontera, Spain)

Postgraduate Course
13:30 - 15:30

L6

Mechanical Ventilation: From basics to advanced treatment

#lung

Weaning from mechanical ventilation **13:30**

Speaker: Laurent Brochard (Toronto, Canada)

Pathophysiological alterations in COPD patients **14:00**

Speaker: Marco Ranieri (Rome, Italy)

Invasive and non-invasive ventilation in COPD patients **14:20**

Speaker: Arnaud Thille (Poitiers, France)

Hands-on session 4 **14:40**

Speaker: Giacomo Grasselli (Milan, Italy)
Speaker: Lise Piquilloud (Lausanne, Switzerland)
Speaker: Tommaso Mauri (Milan, Italy)
Speaker: Lu Chen (Toronto, Canada)
Speaker: Thomas Staudinger (Vienna, Austria)

Scientific Programme

Postgraduate Course
14:00 - 16:00

L1

State of the art in sepsis management: Challenges in management of sepsis (Workshops)

Chair: Yasser Sakr (Jena, Germany)

Septic shock with ARDS

14:00

Speaker: Richard Beale (London, United Kingdom)

Sepsis stewardship programs

14:30

Speaker: Massimo Girardis (Modena, Italy)

Management of the golden hours of sepsis

15:00

Speaker: Jean-Louis Vincent (Brussels, Belgium)

Implementing antibiotic stewardship in my ICU

15:30

Speaker: Jeroen Schouten (Nijmegen, Netherlands)

Postgraduate Course
14:00 - 15:35

L5

Basic course in echocardiography: Group B

Clinical case pneumothorax (pleural sliding present and absent, 2D and M-mode, lung point)

14:00

Speaker: Aarne Feldheiser (Berlin, Germany)

Clinical cases of pleural effusion, various importances

14:20

Speaker: Bruno Mora (Vienna, Austria)

Clinical cases of lung condensation

14:40

Speaker: Yanick Beaulieu (Montreal, Canada)

Practical approach to Respiratory Distress

15:00

Speaker: Yanick Beaulieu (Montreal, Canada)

Examples of diaphragmatic evaluation, pitfalls in measurement

15:20

Speaker: Eric Maury (Paris, France)

Postgraduate Course
14:00 - 15:30

L7

Basic course in echocardiography: Group C

Hands-on

14:00

Speaker: Bernard Cholley (Paris, France)
Speaker: Gorazd Voga (Celje, Slovenia)
Speaker: Matthieu Legrand (Paris, France)
Speaker: Xavier Repesse (Paris, France)
Speaker: Rosalba Spiritoso (London, United Kingdom)
Speaker: Filippo Sanfilippo (Palermo, Italy)
Speaker: Anna Bartunek (Vienna, Austria)
Speaker: Thomas Wasserscheid (Vienna, Austria)

Scientific Programme

Postgraduate Course
14:00 - 15:35

L8

Basic course in echocardiography: Group A

Echo signs of pneumothorax

14:00

Speaker: Paul Mayo (New York, United States)

Pleural effusion

14:20

Speaker: Paul Mayo (New York, United States)

Lung condensation: Pneumonia, atelectasis,...

14:40

Speaker: Daniel Lichtenstein (Paris, France)

Respiratory distress: Basic approach using US

15:00

Speaker: Philippe Vignon (Limoges, France)

Diaphragmatic function: How to evaluate?

15:20

Speaker: Nadia Aissaoui (Paris, France)

Postgraduate Course
14:00 - 15:00

Room 1.61

NEXT Day: Pro/con

#ESICMNEXT

Chair: Adrian Wong (Oxford, United Kingdom)

Chair: Beatriz Lobo Valbuena (Madrid, Spain)

Pro: Never say never, ECMO is always an option

14:00

Speaker: Steffen Weber-Carstens (Berlin, Germany)

Con: Never say never, ECMO is always an option

14:30

Speaker: Giacomo Bellani (Monza, Italy)

Postgraduate Course
14:00 - 16:30

BM3

Perioperative ICU management of the high-risk surgical patient: Practical part

Crisis resource management: Group 2

14:00

Speaker: Torsten Schröder (Berlin, Germany)

Speaker: Marit Habicher (Berlin, Germany)

Speaker: Dagmar Schulte (Giessen, Germany)

Speaker: Marcus Müllich (Giessen, Germany)

Vascular access/Airway management: Group 1

14:45

Speaker: Nick Fletcher (London, United Kingdom)

Speaker: Michael Hiesmayr (Vienna, Austria)

Questionnaire: Group 1 & 2

15:30

Wrap-up

16:00

Speaker: Michael Sander (Giessen, Germany)

Scientific Programme

Postgraduate Course
15:00 - 16:10

Berlin

EDIC I Refresher Course: Others

Chair: Hans Flaatten (Bergen, Norway)
Chair: Hans Ulrich Rothen (Bern, Switzerland)

Scoring systems **15:00**

Speaker: Rui Paulo Moreno (Lisbon, Portugal)

Discussion **15:20**

Ethics **15:25**

Speaker: Francesca Rubulotta (London, United Kingdom)

Discussion **15:45**

Top hardest MCQs of the year **15:50**

Speaker: Christian Sitzwohl (Vienna, Austria)

Postgraduate Course
15:00 - 16:40

Room 1.61

NEXT Day: Hot topics (ECMO)

#ESICMNEXT

Chair: Brijesh Patel (London, United Kingdom)
Chair: Charlotte van den Berg (Amsterdam, Netherlands)

E-CPR **15:00**

Speaker: Kjetil Sunde (Oslo, Norway)

Coagulation, anticoagulation, haemotherapy **15:20**

Speaker: Dietmar Fries (Innsbruck, Austria)

Low-flow devices (ECCO2R) **15:40**

Speaker: Marco Maggiorini (Zurich, Switzerland)

ECMO: Only in (specialised?) centres? **16:00**

Speaker: Dirk Donker (Utrecht, Netherlands)

End-of-life decisions on ECMO: Ethical considerations **16:20**

Speaker: Jozef Kesecioglu (Utrecht, Netherlands)

Postgraduate Course
16:00 - 16:20

Paris

EDIC II Preparation Course

Tips and guide to educational resources **16:00**

Speaker: Pascale Gruber (London, United Kingdom)

Scientific Programme

Postgraduate Course
16:00 - 16:45

L6

Mechanical Ventilation: From basics to advanced treatment

#lung

Short cases for common discussion

16:00

Speaker: John Laffey (Toronto, Canada)

Summary and conclusions

16:30

Scientific Programme

Monday, 25 September 2017

Keynote Lecture
08:00 - 08:25

Vienna

Preventing ventilatory induced lung injury: Which progress have we made?

#lung

Chair: Giacomo Bellani (Monza, Italy)

Presentation

08:00

Speaker: Marco Ranieri (Rome, Italy)

Thematic Session
08:30 - 09:30

Vienna

Intubation and extubation: Tips and tricks

#lung

Chair: Alexandre Demoule (Paris, France)

Chair: Gennaro De Pascale (Rome, Italy)

Preoxygenation for emergency intubation

08:30

Speaker: Samir Jaber (Montpellier, France)

Discussion

08:45

Extubation: As simple as pulling a tube?

08:50

Speaker: Arnaud Thille (Poitiers, France)

Discussion

09:05

Minimising the risk of reintubation

09:10

Speaker: Salvatore Maggiore (Chieti, Italy)

Discussion

09:25

Thematic Session
08:30 - 09:30

Berlin

Beta agonists/beta blockers: Why and when?

#cardio

Chair: Xavier Monnet (Paris, France)

Chair: Djillali Annane (Garches, France)

AMI: Beta-agonists or beta-blockers?

08:30

Speaker: Alexandre Mebazaa (Paris, France)

Discussion

08:45

Scientific Programme

Beta agonists in septic shock: When and why?	08:50
Speaker: Jean-Louis Vincent (Brussels, Belgium)	
Discussion	09:05
Is there a place for beta-blockers in 2017 for septic patients?	09:10
Speaker: Daniel De Backer (Braine L'Alleud, Belgium)	
Discussion	09:25

Thematic Session
08:30 - 09:30

Amsterdam

Critical emergency situations

Chair: Matthieu Legrand (Paris, France)
Chair: Dirk Donker (Utrecht, Netherlands)

How do I initially manage my burn patient?	08:30
Speaker: David Lockett (Bristol, United Kingdom)	
Discussion	08:45
Further care of the burn patient in the ICU	08:50
Speaker: Matthieu Legrand (Paris, France)	
Discussion	09:05
ECMO for emergency treatment of acute poisoning	09:10
Speaker: Bruno Mégarbane (Paris, France)	
Discussion	09:25

Thematic Session
08:30 - 09:30

Barcelona

The Life-Priority Session: Back to life after ICU

#ethic

Chair: Jean-Daniel Chiche (Paris, France)
Chair: Massimo Antonelli (Rome, Italy)

Keeping the patient at the centre of everything we do	08:30
Speaker: Ruth Kleinpell (Chicago, United States)	
Discussion	08:45
What happens when our patients leave the hospital?	08:50
Speaker: Margaret Herridge (Toronto, Canada)	
Discussion	09:05
Improving outcomes with rehabilitation	09:10
Speaker: Paul Wischmeyer (Aurora, United States)	

Scientific Programme

Discussion **09:25**

Thematic Session
08:30 - 09:30

Geneva

ICM: Year in review 1

Chair: Giuseppe Citerio (Monza, Italy)
Chair: Elie Azoulay (Paris, France)

Acute kidney injury **08:30**

Speaker: Miet Schetz (Leuven, Belgium)

Discussion **08:45**

Sepsis **08:48**

Speaker: Anders Perner (Copenhagen, Denmark)

Discussion **09:03**

Ethics **09:06**

Speaker: J. Randall Curtis (Seattle, United States)

Discussion **09:21**

The three best 2016 ICM papers **09:24**

Speaker: Elie Azoulay (Paris, France)

LIVES Interactive Debates
08:30 - 09:30

LIVES Interactive Debate

Molecular vs conventional diagnostic of sepsis

INF/SIS

Chair: Massimo Girardis (Modena, Italy)

Debate **08:30**

Speaker: Pedro Povoia (Lisbon, Portugal)
Speaker: Dylan de Lange (Utrecht, Netherlands)
Speaker: Michael Bauer (Jena, Germany)

Clinical Challenges Session
08:40 - 09:30

Athens

How do I manage increased ICP?

Chair: Claude Hemphill (San Francisco, United States)

Presentation

Speaker: Nino Stocchetti (Milan, Italy)

Scientific Programme

Clinical Challenges Session
08:40 - 09:30

Glasgow

How do I sedate this patient?

Chair: Hans Flaatten (Bergen, Norway)

Presentation

Speaker: Michelle Chew (Malmö, Sweden)

Clinical Challenges Session
08:40 - 09:30

Lisbon

How do I manage source control in septic patients?

Chair: Jan De Waele (Ghent, Belgium)

Presentation

Speaker: Ignacio Martin-Loeches (Dublin, Ireland)

Clinical Challenges Session
08:40 - 09:30

Paris

How do I handle severe liver failure?

Chair: Kenneth Christopher (Boston, United States)

Presentation

Speaker: Julia Wendon (London, United Kingdom)

Clinical Challenges Session
08:40 - 09:30

Milan

How do I manage difficult communication with families?

Chair: Jozef Kesecioglu (Utrecht, Netherlands)

Presentation

Speaker: Andrej Michalsen (Tettnang, Germany)

NEXT Lounge
09:00 - 10:00

NEXT Lounge

NEXT Blackboard lecture

Chair: Bjoern Weiss (Berlin, Germany)
Chair: Steven Thiessen (Leuven, Belgium)

Understanding hot recognise and treat sepsis

09:00

Speaker: Andrew Rhodes (London, United Kingdom)

Scientific Programme

Tech Lounge
09:00 - 10:00

Tech Lounge

Big Data in ICM research: Reality or the future?

Chair: Theodoros Kyprianou (Nicosia, Cyprus)
Chair: Maurizio Cecconi (London, United Kingdom)

Big Data: Now a reality	09:00
Speaker: Leo Anthony Celi (Boston, United States)	
The future is Big Data?	09:15
Speaker: Derek Angus (Pittsburgh, United States)	
What questions can Big Data answer?	09:30
Speaker: Theodoros Kyprianou (Nicosia, Cyprus)	
Big data brainstorming with speakers and audience	09:45

Simulation Centre
09:15 - 10:15

Simulation Centre - Mechanical Ventilation Area

MV area

Case scenario	09:15
Speaker: Giuseppe Foti (Monza, Italy)	
Speaker: Lise Piquilloud (Lausanne, Switzerland)	

Simulation Centre
09:15 - 10:15

Simulation Centre - TEE/TOE Area

TEE/TOE area

Demonstration of medical manikins	09:15
Hands-on	09:25
Speaker: Martin Balik (Prague, Czech Republic)	
Speaker: Olfa Hamzaoui (Clamart, France)	

Simulation Centre
09:15 - 10:45

Simulation Centre - ECMO Area

ECMO area

Hands-on	09:15
Speaker: Chirine Mossadegh (Paris, France)	
Speaker: Sabine Valera (Marseille, France)	

Scientific Programme

LIVES Interactive Debates
09:45 - 10:45

LIVES Interactive Debate

Abdominal sepsis: Early source control vs conservative management

INF/SIS

Chair: Jan De Waele (Ghent, Belgium)

Debate

09:45

Speaker: Philippe Montravers (Paris, France)
Speaker: Manu Malbrain (Antwerp, Belgium)
Speaker: Ignacio Martin-Loeches (Dublin, Ireland)

NEXT Lounge
10:00 - 11:00

NEXT Lounge

NEXT 2025: The future of Intensive Care

Chair: Bernardo Bollen Pinto (Geneva, Switzerland)
Chair: Jukka Takala (Bern, Switzerland)

Haemodynamics: New insights, new challenges

10:00

Speaker: Antoine Vieillard-Baron (Boulogne, France)

Tech Lounge
10:30 - 11:30

Tech Lounge

Telemedicine: Changing models of care in ICM?

Chair: Olaf Cremer (Utrecht, Netherlands)
Chair: Julian Bion (Birmingham, United Kingdom)

Failure to rescue in the wards: human factors and technology

10:30

Speaker: Charlie Corke (Geelong, Australia)

High cost or cost saving?

10:45

Speaker: Richard Beale (London, United Kingdom)

Changing a model of care: a practical experience

11:00

Speaker: Marius Terblanche (London, United Kingdom)

Telemedicine brainstorming with speakers and audience

11:15

Simulation Centre
10:30 - 11:30

Simulation Centre - Mechanical Ventilation Area

MV area

Case scenario

10:30

Speaker: Claude Guérin (Lyon, France)
Speaker: Lise Piquilloud (Lausanne, Switzerland)

Scientific Programme

Simulation Centre
10:30 - 11:30

Simulation Centre - TEE/TOE Area

TEE/TOE area

Demonstration of medical manikins **10:30**

Hands-on **10:40**

Speaker: Paul Mayo (New York, United States)

Speaker: Rosalba Spiritoso (London, United Kingdom)

Thematic Session
11:00 - 12:00

Vienna

Refractory septic shock

Chair: Massimo Girardis (Modena, Italy)

Chair: Ricard Ferrer Roca (Barcelona, Spain)

Vasoactive drugs **11:00**

Speaker: Daniel De Backer (Braine L'Alleud, Belgium)

Discussion **11:15**

Blood purification strategies **11:20**

Speaker: Massimo Antonelli (Rome, Italy)

Discussion **11:35**

Salvage therapies **11:40**

Speaker: Stefan Kluge (Hamburg, Germany)

Discussion **11:55**

Thematic Session
11:00 - 12:00

Berlin

Complications: When surgery doesn't go to plan

Chair: Rupert Pearse (London, United Kingdom)

Chair: Michael Sander (Giessen, Germany)

Kidney dysfunction **11:00**

Discussion **11:15**

Cardiac dysfunction **11:20**

Speaker: Sascha Treskatsch (Berlin, Germany)

Discussion **11:35**

Brain dysfunction **11:40**

Speaker: Arjen J C Slooter (Utrecht, Netherlands)

Discussion **11:55**

Scientific Programme

From Bench to Bedside Session
11:00 - 12:00

Amsterdam

ICM Experimental 1: Modelling clinical conditions

Chair: Mervyn Singer (London, United Kingdom)
Chair: Can Ince (Amsterdam, Netherlands)

Modelling ARDS	11:00
Discussion	11:12
Modelling sepsis: An expert consensus view	11:15
Speaker: Marcin Osuchowski (Vienna, Austria)	
Discussion	11:27
Modelling chronic critical illness	11:30
Speaker: Mervyn Singer (London, United Kingdom)	
Discussion	11:42
Modelling AKI	11:45
Discussion	11:57

Clinical Challenges Session
11:00 - 11:50

Athens

How do I choose the ideal fluid for my patient?

#renal

Chair: Manu Malbrain (Antwerp, Belgium)

Presentation

Speaker: Michael Joannidis (Innsbruck, Austria)

Clinical Challenges Session
11:00 - 11:50

Barcelona

How do I manage V-A ECMO on ICU?

Chair: David Mazer (Toronto, Canada)

Presentation

Speaker: Matthias Goepfert (Hamburg, Germany)

Clinical Challenges Session
11:00 - 11:50

Glasgow

How do I use ECMO for refractory cardiac arrest?

Chair: Claudio Sandroni (Rome, Italy)

Scientific Programme

Presentation

Speaker: Fabio Silvio Taccone (Brussels, Belgium)

Clinical Challenges Session
11:00 - 11:50

Lisbon

How do I manage my patient who can't sleep?

Chair: Silvia Calvino Günther (Grenoble, France)

Presentation

Speaker: Carole Boulanger (Exeter, United Kingdom)

Clinical Challenges Session
11:00 - 11:50

Paris

How do I manage a difficult airway in ICU?

#lung

Chair: Antonio Pesenti (Milan, Italy)

Presentation

Speaker: Samir Jaber (Montpellier, France)

11:00

Thematic Session
11:00 - 12:00

Milan

Too old for ICU: What does the evidence say?

Chair: Dylan de Lange (Utrecht, Netherlands)

Chair: Hans Flaatten (Bergen, Norway)

The ICE-CUB2 study

Speaker: Bertrand Guidet (Paris, France)

11:00

Discussion

11:15

The VIP1 study

Speaker: Hans Flaatten (Bergen, Norway)

11:20

Discussion

11:35

The REALISTIC 80 study

Speaker: Sangeeta Mehta (Toronto, Canada)

11:40

Discussion

11:55

Scientific Programme

Thematic Session
11:00 - 12:00

Geneva

Empirical antibiotic prescription: What are the best strategies?

Chair: Jeroen Schouten (Nijmegen, Netherlands)
Chair: Antoni Torres (Barcelona, Spain)

Who is at risk of MDR infections?

11:00

Speaker: José Artur Paiva (Porto, Portugal)

Discussion

11:15

A restrictive approach in empirical therapy - small-spectrum is beautiful

11:20

Speaker: Jeffrey Lipman (Brisbane, Australia)

Discussion

11:35

Surveillance cultures: Friend or foe?

11:40

Speaker: Pedro Pova (Lisbon, Portugal)

Discussion

11:55

NEXT Lounge
11:00 - 12:00

NEXT Lounge

NEXT Research workshop

Chair: Burcin Halacli (Ankara, Turkey)
Chair: Peter Schellongowski (Vienna, Austria)

Study design workshop - Build a study today!

11:00

Speaker: Geert Meyfroidt (Leuven, Belgium)
Speaker: Claudia Spies (Berlin, Germany)
Speaker: Katie Lane (London, United Kingdom)

LIVES Interactive Debates
11:00 - 12:00

LIVES Interactive Debate

Frailty: Important concept or just another score?

Chair: Rui Paulo Moreno (Lisbon, Portugal)

Debate

11:00

Speaker: Gavin Joynt (Hong Kong, Hong Kong, China)
Speaker: Dominique Benoit (Ghent, Belgium)
Speaker: Margaret Herridge (Toronto, Canada)

Simulation Centre
11:00 - 12:30

Simulation Centre - ECMO Area

ECMO area

Scientific Programme

Hands-on

11:00

Speaker: Chirine Mossadegh (Paris, France)
Speaker: Sabine Valera (Marseille, France)

NEXT Lounge
12:00 - 13:00

NEXT Lounge

NEXT Lunch session

Chair: Peter Schellongowski (Vienna, Austria)

How do I get involved? Connect with NEXT!

12:00

Speaker: Bjoern Weiss (Berlin, Germany)

Tech Lounge
12:00 - 13:00

Tech Lounge

Let's talk tech: What new technology do we need in ventilation?

Live debate

12:00

Speaker: Luciano Gattinoni (Milan, Italy)
Speaker: Dimitris Georgopoulos (Heraklion, Greece)
Speaker: Luigi Camporota (London, United Kingdom)

Industry Sponsored Session
12:30 - 14:00

Amsterdam

Industry sponsored session

Industry Sponsored Session
12:30 - 14:00

Barcelona

Industry Sponsored Session

Industry Sponsored Session
12:30 - 14:00

Paris

Industry Sponsored Session

Industry Sponsored Session
12:30 - 14:00

Milan

Industry Sponsored Session

Scientific Programme

NEXT Lounge
13:00 - 14:00

NEXT Lounge

NEXT Professional development

Chair: Adrian Wong (Oxford, United Kingdom)

Nurses and physicians: How to implement evidence at the bedside together **13:00**

Speaker: Stijn Blot (Ghent, Belgium)

Speaker: David McWilliams (Birmingham, United Kingdom)

Speaker: Gennaro De Pascale (Rome, Italy)

Tech Lounge
13:00 - 14:00

Tech Lounge

Snack & Tech: Open forum for mobile health Apps

NEXT Lounge
14:00 - 15:00

NEXT Lounge

NEXT That was a challenging case

Chair: Gennaro De Pascale (Rome, Italy)

Case 1 **14:00**

Speaker: Mervyn Singer (London, United Kingdom)

Thematic Session
14:15 - 15:45

Vienna

Heart lung interaction: Clinical implications

#lung

Chair: Antonio Pesenti (Milan, Italy)

Chair: Samir Jaber (Montpellier, France)

Heart lung interaction during controlled ventilation **14:15**

Speaker: Michael Pinsky (Pittsburgh, United States)

Discussion **14:30**

Heart lung interaction during assisted ventilation **14:33**

Speaker: Antonio Pesenti (Milan, Italy)

Discussion **14:48**

Cardiovascular failure and weaning **14:51**

Speaker: Sheldon Magder (Montreal, Canada)

Discussion **15:06**

Scientific Programme

How to use mechanical ventilation to assess cardiac function	15:09
Speaker: Maurizio Cecconi (London, United Kingdom)	
Discussion	15:24
Role of NIV in pulmonary oedema	15:27
Speaker: Giuseppe Foti (Monza, Italy)	
Discussion	15:42

Continuous Professional Education Session
14:15 - 15:45

Berlin

EGDT, facts and fiction

Chair: Andrew Rhodes (London, United Kingdom)
Chair: Mitchell Levy (Providence, United States)

Historical perspective	14:15
Speaker: Julian Bion (Birmingham, United Kingdom)	
Discussion	14:30
Understanding the evidence	14:33
Speaker: Derek Angus (Pittsburgh, United States)	
Discussion	14:48
Protocolised vs. individualised treatment	14:51
Speaker: Jean-Louis Vincent (Brussels, Belgium)	
Discussion	15:06
Still useful in the perioperative setting?	15:09
Speaker: Michael Sander (Giessen, Germany)	
Discussion	15:24
Future therapeutic targets	15:27
Speaker: Michael Bauer (Jena, Germany)	
Discussion	15:42

Thematic Session
14:15 - 15:45

Amsterdam

Management of severe trauma

Chair: David Lockey (Bristol, United Kingdom)
Chair: Kjetil Sunde (Oslo, Norway)

Trauma induced coagulopathy	14:15
Speaker: Martin Dünser (London, United Kingdom)	
Discussion	14:30

Scientific Programme

Damage control resuscitation	14:33
Speaker: Jacques Duranteau (Kremlin-Bicetre, France)	
Discussion	14:48
Blood products and coagulation monitoring	14:51
Speaker: Beverley Hunt (London, United Kingdom)	
Discussion	15:06
Recommended transfusion strategies	15:09
Speaker: Dietmar Fries (Innsbruck, Austria)	
Discussion	15:24
REBOA: Indications, benefits and risks	15:27
Speaker: Luke Leenen (Utrecht, Netherlands)	
Discussion	15:42
Thematic Session 14:15 - 15:45	Athens
How will I prevent and treat AKI next year?	
#renal	
Chair: John Prowle (London, United Kingdom) Chair: Zudin A. Puthuchery (London, United Kingdom)	
I use biomarkers	14:15
Speaker: Michael Joannidis (Innsbruck, Austria)	
Discussion	14:30
I use an e-alert	14:33
Speaker: Eric Hoste (Ghent, Belgium)	
Discussion	14:48
I use the KDIGO AKI bundle	14:51
Speaker: John Prowle (London, United Kingdom)	
Discussion	15:06
I use Alkaline Phosphatase	15:09
Speaker: Peter Pickkers (Nijmegen, Netherlands)	
Discussion	15:24
I use remote ischaemic preconditioning	15:27
Speaker: Alexander Zarbock (Münster, Germany)	
Discussion	15:42

Scientific Programme

Thematic Session
14:15 - 15:45

Barcelona

Practical issues in SAH management

Chair: Fabio Silvio Taccone (Brussels, Belgium)
Chair: Romain Sonnevile (Paris, France)

Managing "bloody" CSF	14:15
Speaker: Giuseppe Citerio (Monza, Italy)	
Discussion	14:30
Early identification of DCI	14:33
Speaker: Mauro Oddo (Lausanne, Switzerland)	
Discussion	14:48
DCI management: From haemodynamic augmentation to endovascular therapy	14:51
Speaker: Jose Suarez (Houston, United States)	
Discussion	15:06
Optimising cardiac output	15:09
Speaker: Pedro Kurtz (Rio de Janeiro, Brazil)	
Discussion	15:24
The challenge of hyponatraemia and polyuria	15:27
Speaker: Pierre Bouzat (Grenoble, France)	
Discussion	15:42

Joint Session
14:15 - 15:45

Glasgow

Joint with ISF - Update on the new Surviving Sepsis Campaign recommendations

Chair: Charles L. Sprung (Jerusalem, Israel)
Chair: Flavia R. Machado (São Paulo, Brazil)

Screening and diagnosis	14:15
Speaker: Jean-Louis Vincent (Brussels, Belgium)	
Discussion	14:30
Haemodynamics (fluids and drugs)	14:33
Speaker: Flavia R. Machado (São Paulo, Brazil)	
Discussion	14:48
Glucose control and corticosteroids	14:51
Speaker: Charles L. Sprung (Jerusalem, Israel)	
Discussion	15:06
Initial resuscitation	15:09
Speaker: Derek Angus (Pittsburgh, United States)	

Scientific Programme

Discussion **15:24**

Antimicrobial therapy **15:27**

Speaker: Mervyn Singer (London, United Kingdom)

Discussion **15:42**

State of the Art Session
14:15 - 15:45

Lisbon

Breathing: Is spontaneous better?

#lung

Chair: Laurent Brochard (Toronto, Canada)

Chair: Giacomo Bellani (Monza, Italy)

Spontaneous breathing: The good, the bad and the ugly **14:15**

Speaker: Brian Kavanagh (Toronto, Canada)

Discussion **14:30**

Monitoring the effort to minimise the risk **14:33**

Speaker: Michael Quintel (Göttingen, Germany)

Discussion **14:48**

Regional effects of controlled and assisted ventilation **14:51**

Speaker: Marcelo Amato (Sao Paulo, Brazil)

Discussion **15:06**

Monitoring patient ventilator synchrony **15:09**

Speaker: Lise Piquilloud (Lausanne, Switzerland)

Discussion **15:24**

What implications for the diaphragm? **15:27**

Speaker: Alexandre Demoule (Paris, France)

Discussion **15:42**

Continuous Professional Education Session
14:15 - 15:45

Paris

Oliguria: What is the kidney telling us?

#renal

Chair: Marlies Ostermann (London, United Kingdom)

Chair: Lui Forni (Surrey, United Kingdom)

Blood and urine analysis **14:15**

Speaker: Ville Pettilä (Helsinki, Finland)

Discussion **14:30**

Scientific Programme

Biomarkers	14:33
Speaker: Alexander Zarbock (Münster, Germany)	
Discussion	14:48
Furosemide stress test	14:51
Speaker: Lui Forni (Surrey, United Kingdom)	
Discussion	15:06
Imaging: Duplex ultrasound and others?	15:09
Speaker: Michael Darmon (Saint-Etienne, France)	
Discussion	15:24
Oliguria is a renal success	15:27
Speaker: Miet Schetz (Leuven, Belgium)	
Discussion	15:42
Joint Session 14:15 - 15:45	Milan
Joint with ESPNIC - Organ support for all ages	
Chair: Pierre Tissieres (Paris, France)	
Non-invasive ventilation: Evidence in children and adults	14:15
Discussion	14:30
RespECMO/HFOV: Which indications in children	14:33
Speaker: Martin Kneyber (Groningen, Netherlands)	
Discussion	14:48
Resp ECMO and CO2 removal in adults	14:51
Speaker: Marco Ranieri (Rome, Italy)	
Discussion	15:06
Very-/high flow CVVH in children and neonates: Just a question of weight?	15:09
Speaker: Pierre Tissieres (Paris, France)	
Discussion	15:24
TTM after cardiac arrest	15:27
Speaker: Mauro Oddo (Lausanne, Switzerland)	
Discussion	15:42

Scientific Programme

State of the Art Session
14:15 - 15:45

Geneva

Personalised nutritional support

Chair: Jan Wernerman (Stockholm, Sweden)
Chair: Jean-Charles Preiser (Brussels, Belgium)

Personalised calorimetry: Does it matter?

14:15

Speaker: Heleen Oudemans-van Straaten (Amsterdam, Netherlands)

Discussion

14:30

Nutrition timing

14:33

Speaker: Jean-Charles Preiser (Brussels, Belgium)

Discussion

14:48

Extrapolation of big data for personalised decision-making

14:51

Speaker: Pierre Singer (Petah Tiqva, Israel)

Discussion

15:06

Which feeding solution for which patient?

15:09

Speaker: Mette Berger (Lausanne, Switzerland)

Discussion

15:24

Computer-assisted nutrition protocol

15:27

Speaker: Arthur van Zanten (Ede, Netherlands)

Discussion

15:42

LIVES Interactive Debates
14:15 - 15:15

LIVES Interactive Debate

Head injury and severe internal haemorrhage: How to prioritise?

NIC/TEM

Chair: Daniel De Backer (Braine L'Alleud, Belgium)

Debate

14:15

Speaker: Hervé Quintard (Nice, France)
Speaker: Raimund Helbok (Innsbruck, Austria)
Speaker: Sophie Hamada (Paris, France)

Tech Lounge
14:30 - 15:30

Tech Lounge

Technology & realtime ICU system quality improvement

Chair: Max Jonas (Southampton, United Kingdom)
Chair: Carl Waldmann (Reading, United Kingdom)

Scientific Programme

Technology & healthcare transformation	14:30
Speaker: Ilias Iakovidis (Brussels, Belgium)	
System analysis using real time data feeds	14:45
Speaker: Ari Ercole (Cambridge, United Kingdom)	
System improvement: Practical experience	15:00
Speaker: Johan Decruyenaere (Gent, Belgium)	
Technology & healthcare transformation brainstorming with speakers and audience	15:15

NEXT Lounge
15:00 - 16:00

NEXT Lounge

NEXT Young Lecturer Award

Chair: Frauke Weidanz (Edinburgh, United Kingdom)
Chair: Manuel Mendoza Ruano (Las Palmas de Gran Canaria, Spain)

LIVES Interactive Debates
15:30 - 16:30

LIVES Interactive Debate

Talking about talking: Is communication our most important skill?

NAHP/ETH

Chair: Rik Gerritsen (Leeuwarden, Netherlands)

Debate	15:30
Speaker: Jos Latour (Plymouth, United Kingdom)	
Speaker: Doug White (Pittsburgh, United States)	
Speaker: Elie Azoulay (Paris, France)	

State of the Art Session
16:00 - 18:00

Berlin

Joint with NCS - ESICM Consensus on Fluid Therapy in neurocritical care

Chair: Mauro Oddo (Lausanne, Switzerland)
Chair: Claude Hemphill (San Francisco, United States)

Fluid therapy in the non-neuro: is there a consensus?	16:00
Speaker: Anders Perner (Copenhagen, Denmark)	
Discussion	16:15
Fluids in ABI patients; why do we need a consensus?	16:20
Speaker: Giuseppe Citerio (Monza, Italy)	
Discussion	16:35

Scientific Programme

Is there a "better" maintenance fluid?	16:40
Speaker: Hervé Quintard (Nice, France)	
Discussion	16:55
The preferred osmotic agent is...	17:00
Speaker: Carole Ichai (Nice, France)	
Discussion	17:15
How to manage fluids in delayed cerebral ischaemia	17:20
Speaker: Raimund Helbok (Innsbruck, Austria)	
Discussion	17:35
Volume and haemodynamic monitoring: Does it help?	17:40
Speaker: Ignacio Martin-Loeches (Dublin, Ireland)	
Discussion	17:55
Thematic Session 16:00 - 18:00	
	Amsterdam
Caring for the perioperative ICU patient	
Chair: Paolo Pelosi (Genova, Italy) Chair: Andreas Hoeft (Bonn, Germany)	
Antiplatelet therapy in periop ICU patients: When to stop, when to bridge	16:00
Speaker: Christian Von Heymann (Berlin, Germany)	
Discussion	16:15
Who is at risk of postop pulmonary complications and how to treat them	16:20
Speaker: Paolo Pelosi (Genova, Italy)	
Discussion	16:35
Failure to rescue: How to survive surgery	16:40
Speaker: Rupert Pearse (London, United Kingdom)	
Discussion	16:55
How to set up an emergency response team	17:00
Speaker: Andreas Hoeft (Bonn, Germany)	
Discussion	17:15
Liberal or restrictive transfusion in perioperative ICU	17:20
Speaker: David Mazer (Toronto, Canada)	
Discussion	17:35
Guidelines of PGDT in the ICU	17:40
Speaker: Michael Sander (Giessen, Germany)	
Discussion	17:55

Scientific Programme

Continuous Professional Education Session
16:00 - 18:00

Athens

Shaping the future of antibiotic use

Chair: Marc Leone (Marseille, France)
Chair: Jean Chastre (Paris, France)

Biomarkers to guide antibiotic therapy	16:00
Speaker: Dylan de Lange (Utrecht, Netherlands)	
Discussion	16:15
De-escalation of antibiotic therapy	16:20
Speaker: José Garnacho Montero (Seville, Spain)	
Discussion	16:35
When not to give antibiotics - Common mistakes when starting therapy	16:40
Speaker: Jeffrey Lipman (Brisbane, Australia)	
Discussion	16:55
Therapeutic drug monitoring - Ready for prime-time?	17:00
Speaker: Jason Roberts (Brisbane, Australia)	
Discussion	17:15
Back to the future - 'old antibiotics' in the ICU	17:20
Speaker: Céline Pulcini (Nancy, France)	
Discussion	17:35
Antibiotic stewardship: Indispensable in the ICU!	17:40
Speaker: Jeroen Schouten (Nijmegen, Netherlands)	
Discussion	17:55

Thematic Session
16:00 - 18:00

Barcelona

Management of cardiogenic shock

#cardio

Chair: Michel Slama (Amiens, France)
Chair: Alexandre Mebazaa (Paris, France)

Prehospital and emergency management	16:00
Speaker: Alain Cariou (Paris, France)	
Discussion	16:15
How should we use biomarkers?	16:20
Speaker: Marco Maggiorini (Zurich, Switzerland)	
Discussion	16:35

Scientific Programme

Management of BP and CO in the ICU	16:40
Speaker: Bruno Levy (Vandoeuvre les Nancy, France)	
Discussion	16:55
Which monitoring in the ICU?	17:00
Speaker: Pierre Squara (Neuilly-sur-Seine, France)	
Discussion	17:15
Should IABP be abandoned?	17:20
Speaker: Ludhmila Hajjar (Sao Paulo, Brazil)	
Discussion	17:35
ECMO: When and how?	17:40
Speaker: Alain Combes (Paris, France)	
Discussion	17:55
State of the Art Session	
16:00 - 18:00	Glasgow
Survival guide for high risk surgery	
Chair: Monty Mythen (London, United Kingdom)	
Chair: Ib Jammer (Bergen, Norway)	
What is a high risk surgical patient?	16:00
Speaker: Monty Mythen (London, United Kingdom)	
Discussion	16:15
Transfusion management for perioperative high risk patients	16:20
Speaker: David Mazer (Toronto, Canada)	
Discussion	16:35
Guidelines for perioperative goal directed therapy in 2017	16:40
Speaker: Matthias Goepfert (Hamburg, Germany)	
Discussion	16:55
Echo for perioperative haemodynamic monitoring: A short guidance	17:00
Speaker: Nick Fletcher (London, United Kingdom)	
Discussion	17:15
How to have thin blood without bleeding: Perioperative anticoagulation	17:20
Speaker: Christian Von Heymann (Berlin, Germany)	
Discussion	17:35
Please look inside my head: When to use NIRS	17:40
Speaker: Matthias Heringlake (Lübeck, Germany)	
Discussion	17:55

Scientific Programme

Thematic Session
16:00 - 18:00

Lisbon

Cardiac arrest

Chair: Claudio Sandroni (Rome, Italy)
Chair: Rosalba Spiritoso (London, United Kingdom)

Strengthening the chain of survival **16:00**

Speaker: Kjetil Sunde (Oslo, Norway)

Discussion **16:15**

What monitoring do I need during resuscitation? **16:20**

Speaker: Cathy De Deyne (Genk, Belgium)

Discussion **16:35**

Traumatic cardiac arrest - always hopeless? **16:40**

Speaker: Sophie Hamada (Paris, France)

Discussion **16:55**

Any news on drugs for ALS? **17:00**

Speaker: Alain Cariou (Paris, France)

Discussion **17:15**

Which outcomes are relevant and when to assess them? **17:20**

Speaker: Hans Friberg (Lund, Sweden)

Discussion **17:35**

Brain death and organ donation **17:40**

Speaker: Claudio Sandroni (Rome, Italy)

Discussion **17:55**

Thematic Session
16:00 - 18:00

Paris

Sepsis, therapies in the pipeline

Chair: Yasser Sakr (Jena, Germany)
Chair: Timothy Walsh (Edinburgh, United Kingdom)

Vasopressin and analogs **16:00**

Speaker: Anthony Gordon (London, United Kingdom)

Discussion **16:15**

Angiotensin II **16:20**

Speaker: Elio Antonucci (Piacenza, Italy)

Discussion **16:35**

Adrenomodullin **16:40**

Speaker: Konrad Reinhart (Jena, Germany)

Scientific Programme

Discussion	16:55
Immunostimulating strategies	17:00
Speaker: Didier Payen (Paris, France)	
Discussion	17:15
Thrombomodulin	17:20
Speaker: Konrad Reinhart (Jena, Germany)	
Discussion	17:35
Targeting organ damage	17:40
Speaker: Peter Pickkers (Nijmegen, Netherlands)	
Discussion	17:55
Continuous Professional Education Session	
16:00 - 18:00	Milan
Liver failure in ICU: A multiorgan dysfunction syndrome	
Chair: Julia Wendon (London, United Kingdom)	
Chair: Kenneth Christopher (Boston, United States)	
An overview of liver failure	16:00
Speaker: Tony Whitehouse (Birmingham, United Kingdom)	
Discussion	16:15
Cardiopulmonary complications	16:20
Speaker: Valentin Fuhrmann (Hamburg, Germany)	
Discussion	16:35
Acute Kidney Injury in liver failure	16:40
Speaker: Wilfred Druml (Vienna, Austria)	
Discussion	16:55
Coagulation abnormalities	17:00
Speaker: Julia Wendon (London, United Kingdom)	
Discussion	17:15
Therapeutic options in coma hepaticum	17:20
Speaker: Valentin Fuhrmann (Hamburg, Germany)	
Discussion	17:35
The relation with gastrointestinal tract	17:40
Speaker: Annika Reintam Blaser (Tartu, Estonia)	
Discussion	17:55

Scientific Programme

Thematic Session
16:00 - 18:00

Geneva

ICU Patient Assessment & Management

Chair: Silvia Calvino Günther (Grenoble, France)
Chair: Maureen Ben-Nun (Petah Tikva, Israel)

Lung mechanics: What you need to know **16:00**
Speaker: Dani Martí Romeu (Barcelona, Spain)

Discussion **16:15**

Weaning: Any new strategies? **16:20**
Speaker: Bronagh Blackwood (Belfast, United Kingdom)

Discussion **16:35**

CPR in ICU! **16:40**
Speaker: Elsa P. Afonso (Cambridge, United Kingdom)

Discussion **16:55**

Liver: It's all so toxic around here! **17:00**
Speaker: Stijn Blot (Ghent, Belgium)

Discussion **17:15**

How to manage a good death? **17:20**
Speaker: Ruth Endacott (Plymouth, United Kingdom)

Discussion **17:35**

Caring for the organ donor! **17:40**
Speaker: Carole Boulanger (Exeter, United Kingdom)

Discussion **17:55**

NEXT Lounge
16:00 - 17:00

NEXT Lounge

NEXT Debate

Chair: Steven Thiessen (Leuven, Belgium)

To feed or not to feed: That is the question! **16:00**
Speaker: Paul Wischmeyer (Aurora, United States)
Speaker: Greet Van den Berghe (Leuven, Belgium)

Tech Lounge
16:00 - 17:00

Tech Lounge

Tutorial: Big data analytics VS comparative data analysis

Chair: Jean-François Timsit (Paris, France)
Chair: Marius Terblanche (London, United Kingdom)

Scientific Programme

Big data analytics methodology	16:00
Speaker: Leo Anthony Celi (Boston, United States)	
Comparative data analysis methodology	16:15
Speaker: Ari Ercole (Cambridge, United Kingdom)	
Animal VS human experimental data	16:30
Speaker: Can Ince (Amsterdam, Netherlands)	
Open discussion	16:45

LIVES Interactive Debates
16:45 - 17:45

LIVES Interactive Debate

Noradrenaline and other vasopressors in refractory septic shock

#cardio

Chair: Maurizio Cecconi (London, United Kingdom)

Debate	16:45
Speaker: Claude Martin (Marseille, France)	
Speaker: Anthony Gordon (London, United Kingdom)	
Speaker: Jean-Louis Teboul (Kremlin-Bicetre, France)	

Industry Sponsored Session
18:15 - 19:15

Milan

Industry sponsored session

Industry Sponsored Session
18:15 - 19:15

Geneva

Industry sponsored session

Scientific Programme

Tuesday, 26 September 2017

Keynote Lecture
08:00 - 08:25

Vienna

Understanding who will benefit from Intensive Care?

#periop

Chair: Michael Sander (Giessen, Germany)

Presentation

08:00

Speaker: Hannah Wunsch (Toronto, Canada)

Thematic Session
08:30 - 09:30

Vienna

How to use recent guidelines in neurocritical care?

Chair: Raimund Helbok (Innsbruck, Austria)

Chair: Jose Suarez (Houston, United States)

Malignant ischaemic stroke

08:30

Speaker: Lara Prisco (Oxford, United Kingdom)

Discussion

08:45

Intracerebral haemorrhage

08:50

Speaker: Claude Hemphill (San Francisco, United States)

Discussion

09:05

TBI

09:10

Speaker: Nino Stocchetti (Milan, Italy)

Discussion

09:25

Thematic Session
08:30 - 09:30

Berlin

AKI controversies

#renal

Chair: John Prowle (London, United Kingdom)

Chair: Ville Pettilä (Helsinki, Finland)

Have AKI biomarkers found their clinical application?

08:30

Speaker: Thomas Rimmelé (Lyon, France)

Discussion

08:45

Scientific Programme

Contrast associated or contrast induced AKI?	08:50
Speaker: Miet Schetz (Leuven, Belgium)	
Discussion	09:05
Current RRT: Are we missing something?	09:10
Speaker: Kirsi Maija Kaukonen (Helsinki, Finland)	
Discussion	09:25

From Bench to Bedside Session
08:30 - 09:30

Amsterdam

ICM Experimental 2: New insights from the lab

Chair: Mervyn Singer (London, United Kingdom)
Chair: Peter Radermacher (Ulm, Germany)

The kidney	08:30
Speaker: Nishkantha Arulkumaran (London, United Kingdom)	
Discussion	08:42
The heart	08:45
Speaker: Bernardo Bollen Pinto (Geneva, Switzerland)	
Discussion	08:57
The lung	09:00
Speaker: Brijesh Patel (London, United Kingdom)	
Discussion	09:12
The liver	09:15
Speaker: Michael Bauer (Jena, Germany)	
Discussion	09:27

Thematic Session
08:30 - 09:30

Milan

Fungal infection update

Chair: Pedro Pova (Lisbon, Portugal)
Chair: Olaf Cremer (Utrecht, Netherlands)

Epidemiology of fungal infections and antifungal resistance	08:30
Speaker: Matteo Bassetti (Udine, Italy)	
Discussion	08:45
Fungal biomarkers to aid diagnosis and guide therapy	08:50
Speaker: José Garnacho Montero (Seville, Spain)	
Discussion	09:05

Scientific Programme

Appropriate antifungal therapy - How to choose? **09:10**

Speaker: Jean-François Timsit (Paris, France)

Discussion **09:25**

Thematic Session
08:30 - 09:30

Geneva

ICM: Year in review 2

Chair: Samir Jaber (Montpellier, France)

Chair: Anders Perner (Copenhagen, Denmark)

ARDS **08:30**

Speaker: Laurent Papazian (Marseille, France)

Discussion **08:45**

Cardiovascular issues **08:48**

Speaker: Antoine Vieillard-Baron (Boulogne, France)

Discussion **09:03**

Nutrition **09:06**

Speaker: Margaret Herridge (Toronto, Canada)

Discussion **09:21**

ICM: The ESICM Journal **09:24**

Speaker: Massimo Antonelli (Rome, Italy)

LIVES Interactive Debates
08:30 - 09:30

LIVES Interactive Debate

HIT: Clinical problem or overdiagnosis?

MEN/AKI

Debate **08:30**

Speaker: Sigismond Lasocki (Angers, France)

Speaker: Antoine Schneider (Lausanne, Switzerland)

Speaker: Kenneth Christopher (Boston, United States)

Clinical Challenges Session
08:40 - 09:30

Athens

How do I analyse acid-base abnormalities: Henderson-Hasselbalch, BE or Stewart?

#renal

Chair: Eric Hoste (Ghent, Belgium)

Scientific Programme

Presentation

Speaker: John Kellum (Pittsburgh, United States)

Clinical Challenges Session
08:40 - 09:30

Barcelona

How do I manage the difficult to wean patient?

#lung

Chair: Giuseppe Foti (Monza, Italy)

Presentation

08:40

Speaker: Laurent Brochard (Toronto, Canada)

Clinical Challenges Session
08:40 - 09:30

Glasgow

How do I integrate haemodynamic variables to manage a patient with shock?

#cardio

Chair: Zsolt Molnar (Szeged, Hungary)

Presentation

Speaker: Jean-Louis Teboul (Kremlin-Bicetre, France)

Clinical Challenges Session
08:40 - 09:30

Lisbon

How do I manage sepsis in the neutropenic patient?

Chair: Yasser Sakr (Jena, Germany)

Presentation

Speaker: Elie Azoulay (Paris, France)

Clinical Challenges Session
08:40 - 09:30

Paris

How do I manage sedative agents in the acute brain injured patient?

Chair: Pedro Kurtz (Rio de Janeiro, Brazil)

Presentation

Speaker: Geert Meyfroidt (Leuven, Belgium)

Scientific Programme

NEXT Lounge
09:00 - 10:00

NEXT Lounge

NEXT Blackboard lecture

Chair: Beatriz Lobo Valbuena (Madrid, Spain)

Understanding the pathophysiology of acute respiratory failure **09:00**
Speaker: Luciano Gattinoni (Milan, Italy)

Tech Lounge
09:00 - 10:00

Tech Lounge

Artificial Intelligence: Here now!

Chair: Theodoros Kyprianou (Nicosia, Cyprus)
Chair: Michael Pinsky (Pittsburgh, United States)

Cognitive analytics and AI in Health **09:00**
Speaker: Marius Terblanche (London, United Kingdom)

The -omics data in critical illness **09:15**
Speaker: Jean-Daniel Chiche (Paris, France)

IoT and mobile data in critical illness follow up **09:30**

Artificial Intelligence brainstorming with speakers and audience **09:45**

Simulation Centre
09:15 - 10:15

Simulation Centre - Mechanical Ventilation Area

MV area

Case scenario **09:15**
Speaker: Lise Piquilloud (Lausanne, Switzerland)
Speaker: Jean-Michel Constantin (Clermont-Ferrand, France)

Simulation Centre
09:15 - 10:15

Simulation Centre - TEE/TOE Area

TEE/TOE area

Demonstration of medical manikins **09:15**

Hands-on **09:25**
Speaker: Martin Balik (Prague, Czech Republic)
Speaker: Filippo Sanfilippo (Palermo, Italy)

Scientific Programme

Simulation Centre
09:15 - 10:45

Simulation Centre - ECMO Area

ECMO area

Hands-on

09:15

Speaker: Chirine Mossadegh (Paris, France)
Speaker: Sabine Valera (Marseille, France)

LIVES Interactive Debates
09:45 - 10:45

LIVES Interactive Debate

Target Temperature Management: What's cool?

NIC/TEM

Chair: Jerry Nolan (Bath, United Kingdom)

Debate

09:45

Speaker: Hans Friberg (Lund, Sweden)
Speaker: Kjetil Sunde (Oslo, Norway)
Speaker: Fabio Silvio Taccone (Brussels, Belgium)

NEXT Lounge
10:00 - 11:00

NEXT Lounge

NEXT 2025: The future of Intensive Care

Chair: Brijesh Patel (London, United Kingdom)

Chronic critical illness: From acute to chronic organ support

10:00

Speaker: Margaret Herridge (Toronto, Canada)
Speaker: Hannah Wunsch (Toronto, Canada)

Tech Lounge
10:30 - 13:30

Tech Lounge

Live demonstration and practicum of big data analytics

Chair: Marius Terblanche (London, United Kingdom)

Live demonstration of analysis with Big Data tools

Speaker: Ari Ercole (Cambridge, United Kingdom)
Speaker: Theodoros Kyprianou (Nicosia, Cyprus)

Simulation Centre
10:30 - 11:30

Simulation Centre - Mechanical Ventilation Area

MV area

Scientific Programme

Case scenario

10:30

Speaker: Jean-Michel Constantin (Clermont-Ferrand, France)
Speaker: Lise Piquilloud (Lausanne, Switzerland)

Simulation Centre
10:30 - 11:30

Simulation Centre - TEE/TOE Area

TEE/TOE area

Demonstration of medical manikins

10:30

Hands-on

10:40

Speaker: Michelle Chew (Malmö, Sweden)
Speaker: Fernando Clau-Terré (Barcelona, Spain)

Thematic Session
11:00 - 12:00

Vienna

The failing organs in sepsis

Chair: Massimo Girardis (Modena, Italy)
Chair: Dirk Donker (Utrecht, Netherlands)

Host-pathogen interactions

11:00

Speaker: Peter Pickkers (Nijmegen, Netherlands)

Discussion

11:15

Cardiac dysfunction

11:20

Speaker: Alexandre Mebazaa (Paris, France)

Discussion

11:35

Vascular dysfunction

11:40

Speaker: Can Ince (Amsterdam, Netherlands)

Discussion

11:55

Thematic Session
11:00 - 12:00

Berlin

Chloride: An underestimated foe

MEN/AKI

Chair: Eric Hoste (Ghent, Belgium)
Chair: John Kellum (Pittsburgh, United States)

Physiology of chloride

11:00

Speaker: John Kellum (Pittsburgh, United States)

Discussion

11:15

Scientific Programme

Chloride and the kidney	11:20
Speaker: Carole Ichai (Nice, France)	
Discussion	11:35
Do fluids really affect chloride?	11:40
Speaker: Sean Bagshaw (Alberta, Canada)	
Discussion	11:55

Clinical Challenges Session
11:00 - 11:50

Amsterdam

How do I get information from echocardiography for managing a patient with septic shock?

#cardio

Chair: Armand Mekontso Dessap (Créteil, France)

Presentation

Speaker: Xavier Monnet (Paris, France)

Clinical Challenges Session
11:00 - 11:50

Athens

How do I find out what's wrong with my hypoxic patient?

#lung

Chair: Antoine Vieillard-Baron (Boulogne, France)

Presentation

Speaker: Sameer Jog (Pune, India)

Clinical Challenges Session
11:00 - 11:50

Barcelona

How do I treat extensive drug resistant and pan drug resistant infections?

Chair: Despoina Koulenti (Brisbane, Australia)

Presentation

Speaker: George Dimopoulos (Athens, Greece)

Scientific Programme

Clinical Challenges Session
11:00 - 11:50

Glasgow

How do I manage my patient with combined head injury/severe internal haemorrhage?

Chair: David Lockey (Bristol, United Kingdom)

Presentation

Speaker: Jacques Duranteau (Kremlin-Bicetre, France)

Clinical Challenges Session
11:00 - 11:50

Lisbon

How do I diagnose and manage auto immune disease and vasculitis?

#renal

Presentation

Speaker: Marlies Ostermann (London, United Kingdom)

11:00

Thematic Session
11:00 - 12:00

Paris

Infection prevention - Commitment to excellence

Chair: Jean-François Timsit (Paris, France)
Chair: Ricard Ferrer Roca (Barcelona, Spain)

Quality Improvement cycles can help

Speaker: José Artur Paiva (Porto, Portugal)

11:00

Discussion

11:15

Hand hygiene: How to maximise compliance

Speaker: Philippe Montravers (Paris, France)

11:20

Discussion

11:35

SOD and SDD: Just wait for new evidence?

Speaker: Jozef Kesecioglu (Utrecht, Netherlands)

11:40

Discussion

11:55

Thematic Session
11:00 - 12:00

Milan

Global migration: What do the intensivists need to know?

Chair: J. Randall Curtis (Seattle, United States)
Chair: Rik Gerritsen (Leeuwarden, Netherlands)

Scientific Programme

Does migration change the infectious landscape in our ICU's?	11:00
Speaker: Christiane Hartog (Jena, Germany)	
Discussion	11:15
Do we need to triage?	11:20
Speaker: Victoria Metaxa (London, United Kingdom)	
Discussion	11:35
End-of-life care in the migrant population: The multicultural version	11:40
Speaker: Andrej Michalsen (Tettnang, Germany)	
Discussion	11:55

Thematic Session
11:00 - 12:00

Geneva

ICU Wellbeing: Does it matter?

Chair: Anne-Sophie Debue (Paris, France)
Chair: Mireia Llauro (Tarragona, Spain)

What do patients & relatives tell us?	11:00
Speaker: Johannes Mellinshoff (London, United Kingdom)	
Discussion	11:15
Health warning: Clinician dissatisfaction!	11:20
Speaker: Elsa P. Afonso (Cambridge, United Kingdom)	
Discussion	11:35
Care for ourselves - What are the strategies?	11:40
Speaker: Silvia Calvino Günther (Grenoble, France)	
Discussion	11:55

NEXT Lounge
11:00 - 12:00

NEXT Lounge

NEXT Research workshop

Chair: Burcin Halacli (Ankara, Turkey)
Chair: Peter Schellongowski (Vienna, Austria)

Critical literature appraisal workshop	11:00
Speaker: Massimo Antonelli (Rome, Italy)	
Speaker: Howard Bauchner (Boston, United States)	
Speaker: Karin Amrein (Graz, Austria)	
Publishing your work	11:40
Speaker: Howard Bauchner (Boston, United States)	

Scientific Programme

LIVES Interactive Debates
11:00 - 12:00

LIVES Interactive Debate

Resuscitation in septic shock: Do we need fluids?

SIS/CD

Chair: Claude Martin (Marseille, France)

Debate

11:00

Speaker: Jean-Louis Teboul (Kremlin-Bicetre, France)

Speaker: Yasser Sakr (Jena, Germany)

Speaker: Daniel De Backer (Braine L'Alleud, Belgium)

Simulation Centre
11:00 - 12:30

Simulation Centre - ECMO Area

ECMO area

Hands-on

11:00

Speaker: Chirine Mossadegh (Paris, France)

Speaker: Sabine Valera (Marseille, France)

NEXT Lounge
12:00 - 13:00

NEXT Lounge

NEXT Lunch session

Chair: Laura Galarza Barrachina (Castellón de la Plana, Spain)

NEXT Networking: Mobility

12:00

Speaker: Bernardo Bollen Pinto (Geneva, Switzerland)

Industry Sponsored Session
12:30 - 14:00

Athens

Industry sponsored session

Industry Sponsored Session
12:30 - 14:00

Glasgow

Industry Sponsored Session

Industry Sponsored Session
12:30 - 14:00

Milan

Industry sponsored session

Scientific Programme

Simulation Centre
13:00 - 14:00

Simulation Centre - Mechanical Ventilation Area

MV area

Case scenario

13:00

Speaker: Lise Piquilloud (Lausanne, Switzerland)
Speaker: Jordi Mancebo Cortes (Montreal, Canada)

Simulation Centre
13:00 - 14:00

Simulation Centre - TEE/TOE Area

TEE/TOE area

Demonstration of medical manikins

13:00

Hands-on

13:10

Speaker: Nick Fletcher (London, United Kingdom)
Speaker: Xavier Repesse (Paris, France)

Simulation Centre
13:00 - 14:30

Simulation Centre - ECMO Area

ECMO area

Hands-on

13:00

Speaker: Chirine Mossadegh (Paris, France)
Speaker: Sabine Valera (Marseille, France)

Tech Lounge
13:30 - 14:30

Tech Lounge

Snack & Tech

NEXT Lounge
14:00 - 15:00

NEXT Lounge

NEXT That was a challenging case

Chair: Steffen Weber-Carstens (Berlin, Germany)

Case 2

14:00

Speaker: Julian Bion (Birmingham, United Kingdom)

Scientific Programme

Thematic Session
14:15 - 15:45

Vienna

Difficult to treat infections - Facing the challenge

Chair: George Dimopoulos (Athens, Greece)
Chair: Jordi Rello (Barcelona, Spain)

Necrotising skin and soft tissue infection

14:15

Speaker: Jan De Waele (Ghent, Belgium)

Discussion

14:30

Infection in severe pancreatitis

14:33

Speaker: Kirsi Maija Kaukonen (Helsinki, Finland)

Discussion

14:48

Nosocomial meningitis

14:51

Speaker: Romain Sonnevile (Paris, France)

Discussion

15:06

Mediastinitis

15:09

Speaker: Marc Leone (Marseille, France)

Discussion

15:24

Intravascular device infections

15:27

Speaker: Maria Deja (Berlin, Germany)

Discussion

15:42

Thematic Session
14:15 - 15:45

Berlin

Unresolved haemodynamic questions in septic shock

#cardio

Chair: Jean-Louis Teboul (Kremlin-Bicetre, France)
Chair: Hollmann Aya Bernal (London, United Kingdom)

Should targeting ScvO2 be abandoned?

14:15

Speaker: Zsolt Molnar (Szeged, Hungary)

Discussion

14:30

Should we monitor microcirculation and how?

14:33

Speaker: Vanina S. Kanoore Edul (Buenos Aires, Argentina)

Discussion

14:48

Is there a place for vasopressin or analogs?

14:51

Speaker: Anthony Gordon (London, United Kingdom)

Discussion

15:06

Scientific Programme

Should we use high doses of norepinephrine?	15:09
Speaker: Bruno Levy (Vandoeuvre les Nancy, France)	
Discussion	15:24
Is there a place for Levosimendan?	15:27
Speaker: Anthony Gordon (London, United Kingdom)	
Discussion	15:42

Joint Session
14:15 - 15:45

Amsterdam

Joint with FASIM - From injury to ICU: What's new?

Stabilising and transferring an emergency, where to go?	14:15
Discussion	14:30
To cool or not to cool post-cardiac arrest patients?	14:33
Speaker: Hans Friberg (Lund, Sweden)	
Discussion	14:48
New therapies for massive stroke	14:51
Discussion	15:06
Coagulation and brain injury	15:09
Speaker: Marion Wiegele (Vienna, Austria)	
Discussion	15:24
What's new in neuromonitoring?	15:27
Speaker: Geert Meyfroidt (Leuven, Belgium)	
Discussion	15:42

Thematic Session
14:15 - 15:45

Athens

An update on outcomes after major surgery

POIC/HSRO

Chair: Andreas Valentin (Schwarzach, Austria)
Chair: Michael Sander (Giessen, Germany)

What are relevant postoperative outcomes?	14:15
Speaker: Ib Jammer (Bergen, Norway)	
Discussion	14:30
Outcomes after major GI surgery	14:33
Speaker: Manu Malbrain (Antwerp, Belgium)	

Scientific Programme

Discussion	14:48
Outcomes after cardiovascular surgery	14:51
Speaker: Michael Hiesmayr (Vienna, Austria)	
Discussion	15:06
Outcomes after major surgery for cancer	15:09
Speaker: Pascale Gruber (London, United Kingdom)	
Discussion	15:24
Postoperative delirium, different from ICU delirium?	15:27
Speaker: Claudia Spies (Berlin, Germany)	
Discussion	15:42

Joint Session
14:15 - 15:45

Barcelona

Joint with ESA - NIV in hypoxemic patients: Should I stay or should I go

#lung

Chair: Cesare Gregoretti (Palermo, Italy)
Chair: Arnaud Thille (Poitiers, France)

NIV, tidal volume and transpulmonary pressure	14:15
Speaker: Paolo Pelosi (Genova, Italy)	
Discussion	14:30
NIV in immunocompromised patients: A never ending story	14:33
Speaker: Jean-Michel Constantin (Clermont-Ferrand, France)	
Discussion	14:48
Did LUNG SAFE kill NIV in hypoxemic patients?	14:51
Speaker: Giacomo Bellani (Monza, Italy)	
Discussion	15:06
HFNC: The magic bullet?	15:09
Speaker: Arnaud Thille (Poitiers, France)	
Discussion	15:24
NIV and HFNC in operatory room: An useful tool	15:27
Speaker: Samir Jaber (Montpellier, France)	
Discussion	15:42

Scientific Programme

State of the Art Session
14:15 - 15:45

Glasgow

RRT: All you want to know

#renal

Chair: Wilfred Druml (Vienna, Austria)
Chair: Stéphane Gaudry (Colombes, France)

CRRT: Who, what, how?

14:15

Speaker: Marlies Ostermann (London, United Kingdom)

Discussion

14:30

Hybrid or intermittent: Who, what, how?

14:33

Speaker: Claudio Ronco (Vicenza, Italy)

Discussion

14:48

Catheters: What and where

14:51

Speaker: Thomas Rimmelé (Lyon, France)

Discussion

15:06

Anticoagulation: Tips and tricks

15:09

Speaker: Michael Joannidis (Innsbruck, Austria)

Discussion

15:24

When do you stop RRT?

15:27

Speaker: Michael Darmon (Saint-Etienne, France)

Discussion

15:42

Continuous Professional Education Session
14:15 - 15:45

Lisbon

Neurological dysfunction in the ICU

Chair: Mauro Oddo (Lausanne, Switzerland)
Chair: Giuseppe Citerio (Monza, Italy)

In septic patients

14:15

Speaker: Romain Sonnevill (Paris, France)

Discussion

14:30

In the patient with heart disease

14:33

Speaker: Lara Prisco (Oxford, United Kingdom)

Discussion

14:48

Delirium

14:51

Speaker: Bettina Pfausler (Innsbruck, Austria)

Discussion

15:06

Scientific Programme

In ECMO patients	15:09
Speaker: Bruno Mégarbane (Paris, France)	
Discussion	15:24
Can neuromonitoring help?	15:27
Speaker: Janneke Horn (Amsterdam, Netherlands)	
Discussion	15:42
Continuous Professional Education Session 14:15 - 15:45	Paris
Challenges in the ICU for severe trauma patients	
Chair: Luke Leenen (Utrecht, Netherlands) Chair: Martin Dünser (London, United Kingdom)	
Cardiac contusion	14:15
Speaker: David Lockett (Bristol, United Kingdom)	
Discussion	14:30
Pulmonary complications	14:33
Speaker: Diederik Gommers (Rotterdam, Netherlands)	
Discussion	14:48
Acute kidney injury	14:51
Speaker: Sigrid Beitland (Oslo, Norway)	
Discussion	15:06
Compartment syndromes	15:09
Speaker: Luke Leenen (Utrecht, Netherlands)	
Discussion	15:24
Thromboembolic events	15:27
Speaker: Sigrid Beitland (Oslo, Norway)	
Discussion	15:42
State of the Art Session 14:15 - 15:45	Milan
Post ICU follow-up: What are we doing wrong?	
HSRO/NAHP	
Chair: Bertrand Guidet (Paris, France) Chair: Carole Boulanger (Exeter, United Kingdom)	
Evidence from psychological rehabilitation	14:15
Speaker: Anne-Sophie Debue (Paris, France)	

Scientific Programme

Discussion	14:30
Do we measure the right things?	14:33
Speaker: Timothy Walsh (Edinburgh, United Kingdom)	
Discussion	14:48
What can we do differently in the ICU?	14:51
Speaker: Thomas Strøm (Odense, Denmark)	
Discussion	15:06
Thinking outside the box	15:09
Speaker: Christina Jones (Liverpool, United Kingdom)	
Discussion	15:24
Evidence from physical rehabilitation	15:27
Discussion	15:42

Thematic Session
14:15 - 15:45

Geneva

Rehabilitation - The new & old!

Chair: Ruth Endacott (Plymouth, United Kingdom)
Chair: Zudin A. Puthuchear (London, United Kingdom)

Enhancing rehabilitation: What we can do!	14:15
Speaker: David McWilliams (Birmingham, United Kingdom)	
Discussion	14:30
Psychological interventions to aid recovery!	14:33
Speaker: Maureen Ben-Nun (Petah Tikva, Israel)	
Discussion	14:48
Friends & family: Help or obstruction?	14:51
Speaker: Mireia Llauro (Tarragona, Spain)	
Discussion	15:06
Mobilisation: Need to know?	15:09
Speaker: Dani Martí Romeu (Barcelona, Spain)	
Discussion	15:24
HAI: What can we learn from past mistakes?	15:27
Speaker: Stijn Blot (Ghent, Belgium)	
Discussion	15:42

Scientific Programme

LIVES Interactive Debates
14:15 - 15:15

LIVES Interactive Debate

Severe ARDS: High PEEP, ECMO, both or none?

#lung

Chair: John Laffey (Toronto, Canada)

Debate

14:15

Speaker: Claude Guérin (Lyon, France)
Speaker: Luciano Gattinoni (Milan, Italy)
Speaker: Marcelo Amato (Sao Paulo, Brazil)

NEXT Lounge
15:00 - 16:00

NEXT Lounge

NEXT Young Lecturer Award

Chair: Frauke Weidanz (Edinburgh, United Kingdom)
Chair: Manuel Mendoza Ruano (Las Palmas de Gran Canaria, Spain)

Tech Lounge
15:00 - 16:00

Tech Lounge

Let's talk tech: What new technology do we need in haemodynamics?

Chair: Maurizio Cecconi (London, United Kingdom)

Live debate

Speaker: Michael Pinsky (Pittsburgh, United States)
Speaker: Pierre Squara (Neuilly-sur-Seine, France)
Speaker: Max Jonas (Southampton, United Kingdom)

LIVES Interactive Debates
15:30 - 16:30

LIVES Interactive Debate

That patient comes first, or population comes first?

Chair: Jozef Kesecioglu (Utrecht, Netherlands)

Debate

15:30

Speaker: Armand Girbes (Amsterdam, Netherlands)
Speaker: Doug White (Pittsburgh, United States)
Speaker: Barbara Philips (London, United Kingdom)

Scientific Programme

Thematic Session
16:00 - 18:00

Berlin

Extracorporeal respiratory support

#lung

Chair: Alain Combes (Paris, France)
Chair: Michael Quintel (Göttingen, Germany)

The role of ECMO in severe hypoxemia	16:00
Speaker: Richard Beale (London, United Kingdom)	
Discussion	16:15
Why ECCO2R might improve the outcomes of ARDS patients	16:20
Speaker: Salvatore Maggiore (Chieti, Italy)	
Discussion	16:35
Low flow CO2 removal: Challenges and solutions	16:40
Speaker: Marco Ranieri (Rome, Italy)	
Discussion	16:55
Setting the ventilator during ECMO	17:00
Speaker: Jordi Mancebo Cortes (Montreal, Canada)	
Discussion	17:15
Is ECMO an adequate tool to control respiratory drive?	17:20
Speaker: Antonio Pesenti (Milan, Italy)	
Discussion	17:35
Extracorporeal respiratory support: Some words of caution...	17:40
Speaker: Arthur Slutsky (Toronto, Canada)	
Discussion	17:55

State of the Art Session
16:00 - 18:00

Amsterdam

Joint with ERC - TTM after cardiac arrest in 2017

TEM/NIC

Chair: Kjetil Sunde (Oslo, Norway)
Chair: Jerry Nolan (Bath, United Kingdom)

Where do we stand?	16:00
Speaker: Jerry Nolan (Bath, United Kingdom)	
Discussion	16:15
Limitations in translational medicine	16:20
Speaker: Kjetil Sunde (Oslo, Norway)	
Discussion	16:35

Scientific Programme

Optimal timing and duration	16:40
Speaker: Fabio Silvio Taccone (Brussels, Belgium)	
Discussion	16:55
Cooling methods - Does it matter?	17:00
Speaker: Mauro Oddo (Lausanne, Switzerland)	
Discussion	17:15
A RCT with TTM vs fever control is needed	17:20
Speaker: Hans Friberg (Lund, Sweden)	
Discussion	17:35
Pragmatic RCTs in heterogenic patients is not the solution	17:40
Speaker: Jean-Louis Vincent (Brussels, Belgium)	
Discussion	17:55
State of the Art Session	
16:00 - 18:00	Athens
Sepsis, the controversy	
Chair: Ricard Ferrer Roca (Barcelona, Spain)	
Chair: Brian Kavanagh (Toronto, Canada)	
Protocolised vs. Individualised therapy	16:00
Speaker: Claude Martin (Marseille, France)	
Discussion	16:15
Steroids for all or some?	16:20
Speaker: Djillali Annane (Garches, France)	
Discussion	16:35
Albumin replacement, yes or no?	16:40
Speaker: Luciano Gattinoni (Milan, Italy)	
Discussion	16:55
Fluid replacement, wet or dry?	17:00
Speaker: Anders Perner (Copenhagen, Denmark)	
Discussion	17:15
EGDT, take it or leave it?	17:20
Speaker: Derek Angus (Pittsburgh, United States)	
Discussion	17:35
Red cell transfusion triggers, a third option?	17:40
Speaker: Yasser Sakr (Jena, Germany)	
Discussion	17:55

Scientific Programme

Joint Session
16:00 - 18:00

Barcelona

Joint with SCCM - Intensive Care Medicine: Together for worldwide priorities

Chair: Ruth Kleinpell (Chicago, United States)
Chair: Massimo Antonelli (Rome, Italy)

Tackling sepsis in limited resource settings	16:00
Speaker: Flavia R. Machado (São Paulo, Brazil)	
Discussion	16:15
WHO: Maternal and neonatal sepsis, we need to get it right	16:20
Speaker: Mercedes Bonet Semenas (Geneva, Switzerland)	
Discussion	16:35
Gender diversity in Intensive Care	16:40
Speaker: Sangeeta Mehta (Toronto, Canada)	
Discussion	16:55
The quality improvement agenda of SSC for the next 10 years	17:00
Speaker: Andrew Rhodes (London, United Kingdom)	
Discussion	17:15
Research priorities	17:20
Speaker: Mitchell Levy (Providence, United States)	
Discussion	17:35
Planning workforce and capacity for the next 20 years	17:40
Speaker: Laura Evans (New York, United States)	
Discussion	17:55

Continuous Professional Education Session
16:00 - 18:00

Glasgow

Arterial blood pressure: All you need to know

#cardio

Chair: Thomas Scheeren (Groningen, Netherlands)
Chair: Armand Mekontso Dessap (Créteil, France)

Applied physiology of arterial pressure	16:00
Speaker: Olfa Hamzaoui (Clamart, France)	
Discussion	16:15
Meaning and practical use of diastolic arterial pressure	16:20
Speaker: Bernard Cholley (Paris, France)	
Discussion	16:35
Meaning and practical use of mean arterial pressure	16:40

Scientific Programme

Discussion	16:55
Meaning and practical use of pulse pressure	17:00
Speaker: Paul Marik (Virginia, United States)	
Discussion	17:15
Non-invasive arterial pressure monitoring	17:20
Speaker: Bernd Saugel (Hamburg, Germany)	
Discussion	17:35
Bedside estimation of arterial load	17:40
Speaker: Ignacio Monge Garcia (Jerez de la Frontera, Spain)	
Discussion	17:55
Continuous Professional Education Session	
16:00 - 18:00	Lisbon
Bedside imaging of respiratory function	
#lung	
Chair: Lise Piquilloud (Lausanne, Switzerland)	
Chair: Claude Guérin (Lyon, France)	
PEEP setting: Lessons learned from Computed Tomography	16:00
Speaker: Klaus Markstaller (Vienna, Austria)	
Discussion	16:15
Ultrasound to monitor lung aeration, collapse and decollapse	16:20
Speaker: Laurent Papazian (Marseille, France)	
Discussion	16:35
Differentiating causes for respiratory failure by ultrasound	16:40
Speaker: Adrian Wong (Oxford, United Kingdom)	
Discussion	16:55
Monitoring dyaphragmatic (dis)function by ultrasound	17:00
Speaker: Laurent Brochard (Toronto, Canada)	
Discussion	17:15
Recruitment and PEEP setting guided by EIT	17:20
Speaker: Giacomo Bellani (Monza, Italy)	
Discussion	17:35
Can we (and do we want to) monitor regional perfusion?	17:40
Speaker: Marcelo Amato (Sao Paulo, Brazil)	
Discussion	17:55

Scientific Programme

Thematic Session
16:00 - 17:30

Paris

N&AHP abstract awards and networking

#ESICMNAHP

Chair: Carole Boulanger (Exeter, United Kingdom)

Introduction & welcome

16:00

Speaker: Carole Boulanger (Exeter, United Kingdom)

Round up of N&AHP activity

16:10

Speaker: Carole Boulanger (Exeter, United Kingdom)

ESICM N&AHP award 2018

16:20

Abstract Presenter: Filippo Binda (Milano, Italy)

Free registration award for LIVES 2018

16:25

Abstract Presenter: Eva Laerkner (Odense C, Denmark)

Free registration award for LIVES 2018

16:30

Abstract Presenter: Tammy Lea (Birmingham, United Kingdom)

Presentation of certificates for winners

16:35

Networking

16:50

State of the Art Session
16:00 - 18:00

Milan

MDR in the ICU - Gaining the edge

Chair: Céline Pulcini (Nancy, France)

Chair: Mireia Llauro (Tarragona, Spain)

Is MDR a real threat?

16:00

Speaker: Céline Pulcini (Nancy, France)

Discussion

16:15

Resistance mechanisms: A practical guide for the intensivist

16:20

Speaker: Olaf Cremer (Utrecht, Netherlands)

Discussion

16:35

MDR in respiratory infections

16:40

Speaker: Antoni Torres (Barcelona, Spain)

Discussion

16:55

Critical issues in infection control

17:00

Speaker: Tony Whitehouse (Birmingham, United Kingdom)

Discussion

17:15

New antibiotics for MDR infection: What is their role?

17:20

Speaker: Matteo Bassetti (Udine, Italy)

Scientific Programme

Discussion 17:35

Using PKPD to treat MDR pathogens 17:40

Speaker: Jason Roberts (Brisbane, Australia)

Discussion 17:55

Thematic Session
16:00 - 18:00

Geneva

Sepsis around the World

Chair: Konrad Reinhart (Jena, Germany)

Cholera: Again and again 16:00

Speaker: Charles Gomersall (Shatin, Hong Kong, China)

Discussion 16:15

Travel acquired antibiotic resistance: When guidelines fail 16:20

Speaker: Jeffrey Lipman (Brisbane, Australia)

Discussion 16:35

Viral pneumonia 16:40

Speaker: Massimo Girardis (Modena, Italy)

Discussion 16:55

Vector borne febrile illnesses are no longer confined to the tropics 17:00

Speaker: Martin Dünser (London, United Kingdom)

Discussion 17:15

Epidemics Western countries don't remember but still exist 17:20

Speaker: Charles Gomersall (Shatin, Hong Kong, China)

Discussion 17:35

Inequalities in sepsis treatment around the world 17:40

Speaker: Flavia R. Machado (São Paulo, Brazil)

Discussion 17:55

NEXT Lounge
16:00 - 17:00

NEXT Lounge

NEXT Debate

Chair: Bernardo Bollen Pinto (Geneva, Switzerland)

Bioenergetic failure in sepsis: The role of mitochondria 16:00

Speaker: Peter Radermacher (Ulm, Germany)

Speaker: Can Ince (Amsterdam, Netherlands)

30th Annual Congress of the European Society of Intensive Care Medicine,
23 - 27 September 2017,
Vienna, Austria

Scientific Programme

LIVES Interactive Debates
16:45 - 17:45

LIVES Interactive Debate

The sickest patients should go to a specialised centre

#ethic

Chair: Richard Beale (London, United Kingdom)

Debate

16:45

Speaker: Christina Agvald-Öhman (Stockholm, Sweden)

Speaker: Rik Gerritsen (Leeuwarden, Netherlands)

Scientific Programme

Wednesday, 27 September 2017

Keynote Lecture
08:00 - 08:25

Vienna

Crystalloids and colloids: What really matters?

#renal

Chair: Eric Hoste (Ghent, Belgium)

Presentation

08:00

Thematic Session
08:30 - 10:00

Vienna

Individualising mechanical ventilation

#lung

Chair: Jordi Mancebo Cortes (Montreal, Canada)

Chair: Salvatore Maggiore (Chieti, Italy)

What tool may I use to individualise?

08:30

Speaker: Laurent Papazian (Marseille, France)

Discussion

08:45

In ARDS

08:48

Speaker: Geoffrey Bellington (London, United Kingdom)

Discussion

09:03

In spontaneously breathing patients

09:06

Speaker: Alexandre Demoule (Paris, France)

Discussion

09:21

In weaning failure

09:24

Speaker: Jordi Mancebo Cortes (Montreal, Canada)

Discussion

09:39

What about healthy lungs?

09:42

Speaker: Marcus Schultz (Amsterdam, Netherlands)

Discussion

09:57

Scientific Programme

Thematic Session
08:30 - 10:00

Berlin

Precision medicine in sepsis

Chair: Mervyn Singer (London, United Kingdom)
Chair: Leo Anthony Celi (Boston, United States)

Why is it crucial?

08:30

Speaker: Ricard Ferrer Roca (Barcelona, Spain)

Discussion

08:45

Genetic variance and outcomes in sepsis

08:48

Speaker: Jean-Daniel Chiche (Paris, France)

Discussion

09:03

Clinical informatics for predictive and prognostic modelling

09:06

Speaker: Leo Anthony Celi (Boston, United States)

Discussion

09:21

Gut microbiome and the immunopathogenesis of organ failure

09:24

Discussion

09:39

Biomarker-driven adaptive and smart clinical trials

09:42

Speaker: Derek Angus (Pittsburgh, United States)

Discussion

09:57

Thematic Session
08:30 - 10:00

Amsterdam

Post-resuscitation care

Chair: Alain Cariou (Paris, France)
Chair: Fabio Silvio Taccone (Brussels, Belgium)

Indications for early coronary angiography

08:30

Speaker: Alain Cariou (Paris, France)

Discussion

08:45

Oxygenation and ventilation

08:48

Speaker: Cathy De Deyne (Genk, Belgium)

Discussion

09:03

ECMO for refractory cardiogenic shock

09:06

Speaker: Alain Combes (Paris, France)

Discussion

09:21

Extracerebral organ failure: Risk factors and outcome

09:24

Speaker: Claudio Sandroni (Rome, Italy)

Discussion

09:39

Scientific Programme

Coma after cardiac arrest: How long should we wait? 09:42

Speaker: Mauro Oddo (Lausanne, Switzerland)

Discussion 09:57

Thematic Session
08:30 - 10:00

Athens

Don't lose your mind!

Chair: Sangeeta Mehta (Toronto, Canada)

Chair: Claudia Spies (Berlin, Germany)

EEG-patterns and delirium 08:30

Speaker: Arjen J C Slooter (Utrecht, Netherlands)

Discussion 08:45

A window to the critically ill brain: fMRI and delirium 08:48

Discussion 09:03

Pharmacological prevention: Role of antipsychotics revisited 09:06

Speaker: Sangeeta Mehta (Toronto, Canada)

Discussion 09:21

Non-pharmacological prevention 09:24

Speaker: Olaf Cremer (Utrecht, Netherlands)

Discussion 09:39

Symptom based pharmacological treatment without deep sedation 09:42

Speaker: Bjoern Weiss (Berlin, Germany)

Discussion 09:57

State of the Art Session
08:30 - 10:00

Barcelona

Haemodynamic issues in ARDS

#cardio

Chair: Daniel De Backer (Braine L'Alleud, Belgium)

Chair: Sheldon Magder (Montreal, Canada)

How can ARDS affect haemodynamics? 08:30

Speaker: Michael Pinsky (Pittsburgh, United States)

Discussion 08:45

Haemodynamic impact of PEEP and prone positioning 08:48

Speaker: Didier Payen (Paris, France)

Discussion 09:03

Scientific Programme

"Dry vs. wet" therapeutic attitude?	09:06
Speaker: Azriel Perel (Tel Aviv, Israel)	
Discussion	09:21
How to deal with the right ventricular dysfunction?	09:24
Speaker: Armand Mekontso Dessap (Créteil, France)	
Discussion	09:39
Haemodynamic monitoring/echo	09:42
Speaker: Antoine Vieillard-Baron (Boulogne, France)	
Discussion	09:57

Thematic Session
08:30 - 10:00

Glasgow

Optimising microcirculation in septic shock

#cardio

Chair: Hollmann Aya Bernal (London, United Kingdom)
Chair: Can Ince (Amsterdam, Netherlands)

Mechanisms and incidence of microcirculatory dysfunction	08:30
Speaker: Can Ince (Amsterdam, Netherlands)	
Discussion	08:45
Vasoactive agents to resuscitate the microcirculation: Where are we today?	08:48
Speaker: Jan Bakker (Rotterdam, Netherlands)	
Discussion	09:03
Peripheral perfusion as a target for fluid resuscitation	09:06
Speaker: Glenn Hernandez (Santiago, Chile)	
Discussion	09:21
Are we ready to use videomicroscopic techniques routinely?	09:24
Speaker: Vanina S. Kanoore Edul (Buenos Aires, Argentina)	
Discussion	09:39
Near-infrared spectroscopy: Where are we today?	09:42
Speaker: Thomas Scheeren (Groningen, Netherlands)	
Discussion	09:57

Thematic Session
08:30 - 10:00

Lisbon

Hyperlactataemia in sepsis

Chair: Bruno Levy (Vandoeuvre les Nancy, France)

Scientific Programme

Stress hyperlactataemia: Myth or reality?	08:30
Speaker: Glenn Hernandez (Santiago, Chile)	
Discussion	08:45
A source of energy for heart	08:48
Speaker: Bruno Levy (Vandoeuvre les Nancy, France)	
Discussion	09:03
A source of energy for brain	09:06
Discussion	09:21
An alternative fluid	09:24
Speaker: Carole Ichai (Nice, France)	
Discussion	09:39
A parameter to monitor at bedside	09:42
Speaker: Didier Payen (Paris, France)	
Discussion	09:57
Thematic Session 08:30 - 10:00	
	Paris
Scoring systems - which one to use?	
Chair: Philipp Metnitz (Vienna, Austria) Chair: Bertrand Guidet (Paris, France)	
Severity of illness scores	08:30
Speaker: Rui Paulo Moreno (Lisbon, Portugal)	
Discussion	08:45
Multi organ dysfunction scores	08:48
Speaker: Mitchell Levy (Providence, United States)	
Discussion	09:03
ICU activity scores	09:06
Speaker: Andreas Valentin (Schwarzach, Austria)	
Discussion	09:21
Specific organ disease scores	09:24
Speaker: Philipp Metnitz (Vienna, Austria)	
Discussion	09:39
What scores are used throughout Europe?	09:42
Speaker: Michelle Chew (Malmö, Sweden)	
Discussion	09:57

Scientific Programme

Thematic Session
08:30 - 10:00

Milan

An early start for RRT?

#renal

Chair: John Prowle (London, United Kingdom)
Chair: Peter Pickkers (Nijmegen, Netherlands)

Early is better

08:30

Speaker: Claudio Ronco (Vicenza, Italy)

Discussion

08:45

Let's wait a little bit

08:48

Speaker: Stéphane Gaudry (Colombes, France)

Discussion

09:03

I still do not know

09:06

Speaker: Sean Bagshaw (Alberta, Canada)

Discussion

09:21

It's the demand-capacity balance that matters

09:24

Speaker: Marlies Ostermann (London, United Kingdom)

Discussion

09:39

This patient should not be on RRT anyway!

09:42

Speaker: Wilfred Druml (Vienna, Austria)

Discussion

09:57

Thematic Session
08:30 - 10:00

Geneva

How to make the ICU more humane

Chair: Victoria Metaxa (London, United Kingdom)
Chair: Carl Waldmann (Reading, United Kingdom)

Making care more humane for the patient

08:30

Speaker: Bara Ricou Arita (Geneva, Switzerland)

Discussion

08:45

New SCCM/ESICM guidelines for family-centered care

08:48

Speaker: Rik Gerritsen (Leeuwarden, Netherlands)

Discussion

09:03

Work environment which fosters humane caregivers

09:06

Speaker: Christiane Hartog (Jena, Germany)

Discussion

09:21

Scientific Programme

Humane leadership	09:24
Speaker: Diederik van Dijk (Utrecht, Netherlands)	
Discussion	09:39
How to measure humane care	09:42
Speaker: J. Randall Curtis (Seattle, United States)	
Discussion	09:57

LIVES Interactive Debates
08:30 - 09:30

LIVES Interactive Debate

Blood products in bleeding trauma patients: What when and how?

Chair: Martin Dünser (London, United Kingdom)

Debate	08:30
Speaker: Dietmar Fries (Innsbruck, Austria)	
Speaker: Sophie Hamada (Paris, France)	
Speaker: Luke Leenen (Utrecht, Netherlands)	

Tech Lounge
09:00 - 10:00

Tech Lounge

Machine learning in ICM research

Chair: Johan Decruyenaere (Gent, Belgium)
Chair: Richard Beale (London, United Kingdom)

Machine learning: What is it?	09:00
Speaker: Marius Terblanche (London, United Kingdom)	
How to process real-time signals using ML	09:15
Speaker: Ari Ercole (Cambridge, United Kingdom)	
Extending ML applications to the bedside	09:30
Speaker: Michael Pinsky (Pittsburgh, United States)	
Open discussion	09:45

Simulation Centre
09:15 - 10:15

Simulation Centre - Mechanical Ventilation Area

MV area

Case scenario	09:15
Speaker: Lise Piquilloud (Lausanne, Switzerland)	
Speaker: Giacomo Bellani (Monza, Italy)	

Scientific Programme

Simulation Centre
09:15 - 10:15

Simulation Centre - TEE/TOE Area

TEE/TOE area

Demonstration of medical manikins

09:15

Hands-on

09:25

Speaker: Bernard Cholley (Paris, France)

Speaker: Filippo Sanfilippo (Palermo, Italy)

Simulation Centre
09:15 - 10:45

Simulation Centre - ECMO Area

ECMO area

Hands-on

09:15

Speaker: Chirine Mossadegh (Paris, France)

Speaker: Sabine Valera (Marseille, France)

NEXT Lounge
09:30 - 10:30

NEXT Lounge

NEXT Blackboard lecture

Chair: Laura Galarza Barrachina (Castellón de la Plana, Spain)

ICP, CPP & Co.-Understanding the pathophysiology of intracranial pathologies

09:30

Speaker: Nino Stocchetti (Milan, Italy)

LIVES Interactive Debates
09:45 - 10:45

LIVES Interactive Debate

Practice should change only with RCT: Where is the evidence?

SIS/HSRO

Chair: Hans Flaatten (Bergen, Norway)

Debate

09:45

Speaker: Andrej Michalsen (Tettnang, Germany)

Speaker: Timothy Walsh (Edinburgh, United Kingdom)

Speaker: Jukka Takala (Bern, Switzerland)

NEXT Lounge
10:30 - 11:30

NEXT Lounge

NEXT 2025: The future of Intensive Care

Chair: Nishkantha Arulkumaran (London, United Kingdom)

Scientific Programme

Demographics and Intensive Care

10:30

Speaker: Claudia Spies (Berlin, Germany)
Speaker: Jozef Kesecioglu (Utrecht, Netherlands)
Speaker: Geoffrey Bellingan (London, United Kingdom)

Tech Lounge
10:30 - 11:30

Tech Lounge

ESICM Academy live demonstration: Knowledge anywhere at any time!

Chair: Julian Bion (Birmingham, United Kingdom)
Chair: Theodoros Kyprianou (Nicosia, Cyprus)

How to educate in the 21st century

10:30

Speaker: Francesca Rubulotta (London, United Kingdom)

The ESICM e-learning platform philosophy

10:40

Speaker: Jacobus Preller (Cambridge, United Kingdom)

E-learning module: an enriched learning pathway

10:50

Speaker: Zudin A. Puthuchear (London, United Kingdom)

On line collaboration in editing an e-module

11:00

Speaker: Theodoros Kyprianou (Nicosia, Cyprus)

ApplC

11:10

Speaker: Anne-Sophie Debue (Paris, France)

Discussion

11:20

LIVES Interactive Debates
11:00 - 12:00

LIVES Interactive Debate

Extreme lifespans!

Chair: Bronagh Blackwood (Belfast, United Kingdom)

Debate

11:00

Speaker: Jos Latour (Plymouth, United Kingdom)
Speaker: Ruth Endacott (Plymouth, United Kingdom)
Speaker: David McWilliams (Birmingham, United Kingdom)

NEXT Lounge
11:50 - 12:50

NEXT Lounge

NEXT Research studies

Chair: Burcin Halacli (Ankara, Turkey)
Chair: Peter Schellongowski (Vienna, Austria)

Presentation of research study - Pitches by research PG course teams

11:50

Scientific Programme

Thematic Session
12:00 - 14:00

Vienna

Guiding fluid therapy

#cardio

Chair: Azriel Perel (Tel Aviv, Israel)
Chair: Bernard Cholley (Paris, France)

Lessons from FENICE	12:00
Speaker: Maurizio Cecconi (London, United Kingdom)	
Discussion	12:15
Are static measures still useful?	12:20
Speaker: Sheldon Magder (Montreal, Canada)	
Discussion	12:35
PPV con	12:40
Speaker: Philippe Vignon (Limoges, France)	
Discussion	12:55
PPV pro	13:00
Speaker: Jean-Louis Teboul (Kremlin-Bicetre, France)	
Discussion	13:15
How should we perform passive leg raising properly?	13:20
Speaker: Xavier Monnet (Paris, France)	
Discussion	13:35
How should we perform a fluid challenge properly?	13:40
Speaker: Hollmann Aya Bernal (London, United Kingdom)	
Discussion	13:55

Thematic Session
12:00 - 14:00

Berlin

Mechanical ventilation: Under pressure

#lung

Chair: Giacomo Bellani (Monza, Italy)
Chair: Geoffrey Bellington (London, United Kingdom)

Driving pressure really adds something to our current practice: PRO	12:00
Speaker: Arthur Slutsky (Toronto, Canada)	
Discussion	12:15
Driving pressure really adds something to our current practice: CON	12:20
Speaker: Luciano Gattinoni (Milan, Italy)	
Discussion	12:35

Scientific Programme

We should use recruitment maneuvers: PRO	12:40
Speaker: Lise Piquilloud (Lausanne, Switzerland)	
Discussion	12:55
We should use recruitment maneuvers: CON	13:00
Speaker: Claude Guérin (Lyon, France)	
Discussion	13:15
PaCO₂: Let it rise!	13:20
Speaker: John Laffey (Toronto, Canada)	
Discussion	13:35
PaCO₂: Keep it low!	13:40
Speaker: Marco Ranieri (Rome, Italy)	
Discussion	13:55
Thematic Session 12:00 - 14:00	
	Amsterdam
Individualised therapy in neurocritical care	
Chair: Nino Stocchetti (Milan, Italy) Chair: Jose Suarez (Houston, United States)	
Increased ICP	12:00
Speaker: Geert Meyfroidt (Leuven, Belgium)	
Discussion	12:15
Glucose levels	12:20
Speaker: Pedro Kurtz (Rio de Janeiro, Brazil)	
Discussion	12:35
Perfusion pressure	12:40
Speaker: Chiara Robba (Cambridge, United Kingdom)	
Discussion	12:55
Transfusion strategies	13:00
Speaker: Pierre Bouzat (Grenoble, France)	
Discussion	13:15
Target temperature	13:20
Speaker: Raimund Helbok (Innsbruck, Austria)	
Discussion	13:35
Ventilatory management	13:40
Speaker: Hervé Quintard (Nice, France)	
Discussion	13:55

Scientific Programme

Thematic Session
12:00 - 14:00

Athens

Perioperative cardiac problems

Chair: Bernd Saugel (Hamburg, Germany)

Vasopressors for patients with vasoplegic post-op shock

12:00

Speaker: Ludhmila Hajjar (Sao Paulo, Brazil)

Discussion

12:15

How to identify high risk patients - The role of troponin

12:20

Speaker: Andreas Hoeft (Bonn, Germany)

Discussion

12:35

Which haemodynamic monitoring in cardiac surgery patients?

12:40

Speaker: Daniel Reuter (Hamburg, Germany)

Discussion

12:55

How to manage unstable cardiac surgical patients

13:00

Speaker: Marit Habicher (Berlin, Germany)

Discussion

13:15

PGDT, inotropes and cardiac problems - An update

13:20

Speaker: Thomas Scheeren (Groningen, Netherlands)

Discussion

13:35

To lyse or not to lyse - Postop pulmonary embolism

13:40

Speaker: Ib Jammer (Bergen, Norway)

Discussion

13:55

Thematic Session
12:00 - 14:00

Barcelona

Critical issues in pneumonia

Chair: Jean-François Timsit (Paris, France)

Chair: Antoni Torres (Barcelona, Spain)

How to use diagnostics in suspected pneumonia

12:00

Speaker: Jordi Rello (Barcelona, Spain)

Discussion

12:15

The final word on ventilator-associated tracheobronchitis?

12:20

Speaker: Antonio Artigas (Barcelona, Spain)

Discussion

12:35

The role of the microbiome in pneumonia

12:40

Speaker: Marcus Schultz (Amsterdam, Netherlands)

Discussion

12:55

Scientific Programme

Key elements in HAP/VAP antibiotic treatment	13:00
Speaker: Antoni Torres (Barcelona, Spain)	
Discussion	13:15
Inhaled antibiotics for respiratory tract infections	13:20
Speaker: Jean Chastre (Paris, France)	
Discussion	13:35
What is new in CAP?	13:40
Speaker: Despoina Koulenti (Brisbane, Australia)	
Discussion	13:55
Thematic Session 12:00 - 14:00	
	Glasgow
Recovery after AKI	
#renal	
Chair: Michael Darmon (Saint-Etienne, France)	
Chair: Paul Wischmeyer (Aurora, United States)	
New terms: Rapid reversal, persistent, AKD, non-recovery	12:00
Speaker: John Kellum (Pittsburgh, United States)	
Discussion	12:15
Some numbers: Epidemiology	12:20
Speaker: Eric Hoste (Ghent, Belgium)	
Discussion	12:35
Regeneration after AKI	12:40
Speaker: Lui Forni (Surrey, United Kingdom)	
Discussion	12:55
Can we predict non-recovery?	13:00
Speaker: Ville Pettilä (Helsinki, Finland)	
Discussion	13:15
Stem cell therapy for AKI	13:20
Speaker: John Prowle (London, United Kingdom)	
Discussion	13:35
Emerging drug therapies for regeneration of AKI	13:40
Speaker: Peter Pickkers (Nijmegen, Netherlands)	
Discussion	13:55

Scientific Programme

Thematic Session
12:00 - 14:00

Lisbon

Sedatives in the ICU

Chair: Rui Paulo Moreno (Lisbon, Portugal)
Chair: Fabio Silvio Taccone (Brussels, Belgium)

Less is more	12:00
Speaker: Thomas Strøm (Odense, Denmark)	
Discussion	12:15
Use of benzodiazepines and propofol	12:20
Speaker: Armand Girbes (Amsterdam, Netherlands)	
Discussion	12:35
Use of dexmedetomidine	12:40
Speaker: Gavin Joynt (Hong Kong, Hong Kong, China)	
Discussion	12:55
Use of isoflurane (AnaConDa)	13:00
Speaker: Hans Flaatten (Bergen, Norway)	
Discussion	13:15
Sedation stop and protocolled sedation	13:20
Speaker: Sangeeta Mehta (Toronto, Canada)	
Discussion	13:35
Cardiovascular effects of sedatives	13:40
Speaker: Jan Bakker (Rotterdam, Netherlands)	
Discussion	13:55

Thematic Session
12:00 - 14:00

Paris

Global challenges: Are we ready?

Chair: Yasser Sakr (Jena, Germany)
Chair: Ricard Ferrer Roca (Barcelona, Spain)

Opportunities and challenges by the WHO/WHA Sepsis Resolution	12:00
Speaker: Konrad Reinhart (Jena, Germany)	
Discussion	12:15
Multidrug resistance	12:20
Speaker: Jan De Waele (Ghent, Belgium)	
Discussion	12:35
Changing practice through research: Are we fast enough?	12:40
Speaker: Howard Bauchner (Boston, United States)	

Scientific Programme

Discussion	12:55
Translating guidelines into practice	13:00
Speaker: Ricard Ferrer Roca (Barcelona, Spain)	
Discussion	13:15
Adapting our workforce to demand/future proofing	13:20
Speaker: Ruth Kleinpell (Chicago, United States)	
Discussion	13:35
Global ageing: Selecting the right patient and supporting the survivors	13:40
Speaker: Margaret Herridge (Toronto, Canada)	
Discussion	13:55
Thematic Session 12:00 - 14:00	
	Milan
Research in ethics	
Chair: Rik Gerritsen (Leeuwarden, Netherlands)	
Chair: Doug White (Pittsburgh, United States)	
EuroQ2: Improve the quality of care for the dying	12:00
Speaker: Rik Gerritsen (Leeuwarden, Netherlands)	
Discussion	12:15
Treatment limitations after prolonged ICU admission	12:20
Speaker: Diederik van Dijk (Utrecht, Netherlands)	
Discussion	12:35
Ethicus II	12:40
Speaker: Charles L. Sprung (Jerusalem, Israel)	
Discussion	12:55
Dispropricus	13:00
Speaker: Dominique Benoit (Ghent, Belgium)	
Discussion	13:15
Improving communication about serious illness	13:20
Speaker: J. Randall Curtis (Seattle, United States)	
Discussion	13:35
Important ethical papers	13:40
Speaker: Victoria Metaxa (London, United Kingdom)	
Discussion	13:55

Scientific Programme

Thematic Session
12:00 - 14:00

Geneva

Micronutrients and vitamins

Chair: Karin Amrein (Graz, Austria)
Chair: Michael Hiesmayr (Vienna, Austria)

Vitamin D	12:00
Speaker: Karin Amrein (Graz, Austria)	
Discussion	12:15
Glutamine	12:20
Speaker: Olav Rooyackers (Stockholm, Sweden)	
Discussion	12:35
Arginine & citrulline	12:40
Speaker: Annika Reintam Blaser (Tartu, Estonia)	
Discussion	12:55
Trace elements (Cu, Se, Zc)	13:00
Speaker: Mette Berger (Lausanne, Switzerland)	
Discussion	13:15
Iron	13:20
Speaker: Sigismond Lasocki (Angers, France)	
Discussion	13:35
Not separate, but a mix of all	13:40
Speaker: Jan Wernerman (Stockholm, Sweden)	
Discussion	13:55

Tech Lounge
12:00 - 13:00

Tech Lounge

Open discussion & brainstorming: the analytics research agenda

Discussion and brain storming session

Speaker: Marius Terblanche (London, United Kingdom)
Speaker: Theodoros Kyprianou (Nicosia, Cyprus)
Speaker: Mervyn Singer (London, United Kingdom)

Scientific Programme

LIVES Interactive Debates
12:15 - 13:15

LIVES Interactive Debate

Vitamin C: We need proper evidence

MEN/HSRO
#metabolic#outcomes

Chair: Jozef Kesecioglu (Utrecht, Netherlands)

Debate

12:15

Speaker: Paul Marik (Virginia, United States)
Speaker: Margaret Herridge (Toronto, Canada)
Speaker: Kenneth Christopher (Boston, United States)

NEXT Lounge
13:00 - 14:00

NEXT Lounge

NEXT Winners

Chair: Massimo Antonelli (Rome, Italy)
Chair: Bjoern Weiss (Berlin, Germany)
Chair: Peter Schellongowski (Vienna, Austria)
Chair: Burcin Halacli (Ankara, Turkey)
Chair: Steven Thiessen (Leuven, Belgium)

Winners

13:00

Hot Topics Session
14:10 - 17:00

Vienna

Hot Topics Session

Chair: Massimo Antonelli (Rome, Italy)
Chair: Howard Bauchner (Boston, United States)