

Scientific Programme

Saturday, 01 October 2016

Postgraduate Course
08:30 - 09:00

Brown 02

ADVANCED COURSE IN ECHOCARDIOGRAPHY: CRITICAL CARE ECHOCARDIOGRAPHY

Overview regarding critical care echocardiography

08:30

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

Postgraduate Course
08:30 - 10:00

Brown 03

CRITICAL CARE REFRESHER COURSE: CARDIOVASCULAR

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

Chair: Julian Bion (Birmingham, United Kingdom)

Pulmonary hypertension

08:30

Speaker: Hans Ulrich Rothen (Bern, Switzerland)

Right heart failure

09:00

Speaker: Antoine Vieillard-Baron (Boulogne, France)

Valvular heart disease

09:30

Postgraduate Course
08:40 - 10:40

Amber 07

ICM RESEARCH: EVERYTHING YOU NEED FOR A CRACKING START! DEFINING THE STUDY QUESTION

Research and clinical work are symbiotic!

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: Claudia Spies (Berlin, Germany)

Defining the right population

10:00

Discussion and questions

10:20

Postgraduate Course
09:00 - 10:30

Amber 01

BASIC COURSE IN ECHOCARDIOGRAPHY

Scientific Programme

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: Paul Mayo (New York, United States)	
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 - 11:30

Amber 04

CHALLENGES AND CONTROVERSIES IN MANAGING SEPSIS PATIENTS: SEPSIS RECOGNITION

Chair: Yasser Sakr (Jena, Germany)

Sepsis definitions, facts and controversies	09:00
Speaker: Yasser Sakr (Jena, Germany)	
The golden hours, how shouldn't I miss it?	09:20
Speaker: Jean-Louis Vincent (Brussels, Belgium)	
Signs and symptoms of infection: Any use?	09:40
Speaker: Jeffrey Lipman (Brisbane, Australia)	
Discussion	10:00
Key issues in microbiological diagnostics	10:15
Speaker: Michael Bauer (Jena, Germany)	
Immune-monitoring	10:35
Speaker: Didier Payen (Paris, France)	
Update on sepsis biomarkers	10:55
Speaker: Pedro Povoia (Lisbon, Portugal)	
Discussion	11:15

Postgraduate Course
09:00 - 10:30

Amber 06

MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT

History of mechanical ventilation	09:00
Speaker: Michael Quintel (Göttingen, Germany)	
A basic introduction to the pathophysiology of ARDS	09:30
Speaker: Luciano Gattinoni (Milan, Italy)	
Controlled mechanical ventilation settings: Basics	10:00
Speaker: Giacomo Bellani (Monza, Italy)	

Scientific Programme

Postgraduate Course
09:00 - 11:45

Brown 02

ADVANCED COURSE IN ECHOCARDIOGRAPHY: LV SYSTOLIC FUNCTION

Echo parameters	09:00
Speaker: Philippe Vignon (Limoges, France)	
coffee break	09:45
What is known in the different clinical situations in the ICU?	10:00
Speaker: Antoine Vieillard-Baron (Boulogne, France)	
Cases/discussion	10:45
Speaker: Paul Mayo (New York, United States)	
European Diploma: How does it work?	11:15
Speaker: Daniel De Backer (Braine L'Alleud, Belgium)	

Postgraduate Course
10:30 - 12:00

Brown 03

CRITICAL CARE REFRESHER COURSE: RESPIRATORY AND AIRWAYS MANAGEMENT

Chair: Massimo Antonelli (Rome, Italy)
Chair: Hans Ulrich Rothen (Bern, Switzerland)

Protective lung ventilation	10:30
Speaker: Luciano Gattinoni (Milan, Italy)	
Management of tracheostomies	11:00
Speaker: Carl Waldmann (Reading, United Kingdom)	
Management of bariatric patients	11:30
Speaker: Francesca Rubulotta (London, United Kingdom)	

Postgraduate Course
11:00 - 12:30

Amber 01

BASIC COURSE IN ECHOCARDIOGRAPHY : Group B

How to recognize severe left ventricular dysfunction (hypo & hyperkinesia)?	11:00
Speaker: Bernard Cholley (Paris, France)	
How to recognize a failing right ventricle?	11:15
Speaker: Antoine Vieillard-Baron (Boulogne, France)	
Pericardial effusion & tamponade	11:30
Speaker: Bernard Cholley (Paris, France)	
Massive valvular regurgitation: How to identify the problem?	11:45
Speaker: Sara Sher (Milan, Italy)	
Wall motion abnormalities	12:00
Speaker: Gorazd Voga (Celje, Slovenia)	

Scientific Programme

Inferior vena cava: How to measure? How to interpret? Limits **12:15**
Speaker: Matthieu Legrand (Paris, France)

Postgraduate Course
11:00 - 12:30 **Amber 02**

BASIC COURSE IN ECHOCARDIOGRAPHY : Group A

Hands-on **11:00**
Speaker: Philippe Vignon (Limoges, France)
Speaker: Eric Maury (Paris, France)
Speaker: Daniel Lichtenstein (Paris, France)
Speaker: Nicolas Lerolle (Angers, France)
Speaker: Yanick Beaulieu (Montreal, Canada)
Speaker: Aarne Feldheiser (Berlin, Germany)
Speaker: Loredana Faraldi (Milan, Italy)

Postgraduate Course
11:00 - 12:30 **Amber 03**

BASIC COURSE IN ECHOCARDIOGRAPHY : Group C

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: Armand Mekontso Dessap (Créteil, 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**

Postgraduate Course
11:00 - 12:30 **Amber 06**

MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT

How to assess respiratory mechanics at the bedside **11:00**
Speaker: Alain Mercat (Angers, France)

Hands-on session 1 **11:30**

Scientific Programme

Postgraduate Course
11:00 - 12:50

Amber 07

ICM RESEARCH: EVERYTHING YOU NEED FOR A CRACKING START! PERFORMING THE STUDY

- Strategy: Who you should work with, what to research into** 11:00
Speaker: Stephen J. Brett (London, United Kingdom)
- Grant writing: What needs to go into an application, what funders want, how grant panels think** 11:20
Speaker: David Menon (Cambridge, United Kingdom)
- Establishing the endpoint: What (if any) is the best one to use in ICM research?** 11:50
Speaker: Jacques Duranteau (Kremlin-Bicetre, France)
- Sample size calculation: A balance between power and feasibility** 12:10
Speaker: Giacomo Bellani (Monza, Italy)
- Discussion and questions** 12:30

Postgraduate Course
12:00 - 14:00

Amber 04

CHALLENGES AND CONTROVERSIES IN MANAGING SEPSIS PATIENTS: IMPROVING ANTIBIOTIC USE IN SEPSIS

Chair: Jan De Waele (Ghent, Belgium)

- The antimicrobial armamentarium - Basics of pharmacology for intensivists** 12:00
Speaker: Pieter Depuydt (Gent, Belgium)
- Antimicrobial PK and PD** 12:20
Speaker: Jason Roberts (Brisbane, Australia)
- Principles of empirical therapy** 12:40
Speaker: José Artur Paiva (Porto, Portugal)
- ABS in a critical care setting - What is it and why do we need it?** 13:00
Speaker: Jeroen Schouten (Nijmegen, Netherlands)
- Optimal duration of antibiotic therapy** 13:20
- Discussion** 13:40

Postgraduate Course
12:15 - 12:30

Amber 05

HAEMODYNAMIC MANAGEMENT OF SEPTIC SHOCK: PRESENTATION OF THE COURSE

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

Scientific Programme

Postgraduate Course
12:30 - 14:00

Amber 05

HAEMODYNAMIC MANAGEMENT OF SEPTIC SHOCK: PATHOPHYSIOLOGY OF ACUTE CIRCULATORY FAILURE DURING SEPSIS

Chair: Xavier Monnet (Kremlin-Bicetre, France)
Chair: Michael Pinsky (Pittsburgh, United States)

Alteration in volume status 12:30

Speaker: Michael Pinsky (Pittsburgh, United States)

Myocardial depression 13:00

Speaker: Xavier Monnet (Kremlin-Bicetre, France)

Macro and microcirculatory derangements 13:30

Speaker: Thomas Scheeren (Groningen, Netherlands)

Postgraduate Course
12:30 - 14:05

Brown 01

EDIC PART II EXAMINATION: PREPARATION COURSE

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
13:00 - 16:30

Amber 06

MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT

Strategies to set PEEP and to achieve lung recruitment 13:00

Speaker: Diederik Gommers (Rotterdam, Netherlands)

Advanced respiratory monitoring: Transpulmonary pressure and lung volumes 13:30

Speaker: Luciano Gattinoni (Milan, Italy)

Clinical case history: Respiratory mechanics to guide ventilatory settings 14:00

Speaker: Michael Quintel (Göttingen, Germany)

Assisted mechanical ventilation settings: Basics 14:30

Speaker: Laurent Brochard (Toronto, Canada)

How to assess respiratory mechanics and patient's effort during assisted mechanical ventilation 15:00

Speaker: Antonio Pesenti (Monza, Italy)

Scientific Programme

Hands-on session 2 **15:30**

Postgraduate Course
13:00 - 16:00

Brown 02

ADVANCED COURSE IN ECHOCARDIOGRAPHY: LV SYSTOLIC FUNCTION

Echo parameters **13:00**

Speaker: Philippe Vignon (Limoges, France)

What is known in the different clinical situations in the ICU? **13:45**

Speaker: Anthony McLean (Sydney, Australia)

Cases/discussion **14:30**

Speaker: Philippe Vignon (Limoges, France)

coffee break **15:00**

Pericardial disease and echo **15:15**

Speaker: Paul Mayo (New York, United States)

Postgraduate Course
13:00 - 14:30

Brown 03

CRITICAL CARE REFRESHER COURSE: INFECTION AND INFLAMMATION

Chair: Rajnish Saha (Harlow, United Kingdom)
Chair: Carl Waldmann (Reading, United Kingdom)

Antibiotic PK/PD **13:00**

Speaker: Jordi Rello (Barcelona, Spain)

Update on sepsis **13:30**

Speaker: John Marshall (Toronto, Canada)

Fungal infection **14:00**

Speaker: Pascale Gruber (London, United Kingdom)

Postgraduate Course
13:30 - 15:00

Amber 01

BASIC COURSE IN ECHOCARDIOGRAPHY : Group C

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)

Scientific Programme

Massive valvular regurgitation: How to identify the problem? 14:15
Speaker: Sara Sher (Milan, Italy)

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 - 15:00 Amber 02

BASIC COURSE IN ECHOCARDIOGRAPHY : Group B

Hands-on 13:30
Speaker: Paul Mayo (New York, United States)
Speaker: Eric Maury (Paris, France)
Speaker: Daniel Lichtenstein (Paris, France)
Speaker: Nicolas Lerolle (Angers, France)
Speaker: Yanick Beaulieu (Montreal, Canada)
Speaker: Arne Feldheiser (Berlin, Germany)
Speaker: Loredana Faraldi (Milan, Italy)

Postgraduate Course
13:30 - 15:00 Amber 03

BASIC COURSE IN ECHOCARDIOGRAPHY : Group A

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: Armand Mekontso Dessap (Créteil, 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

Postgraduate Course
13:40 - 15:00 Amber 07

ICM RESEARCH: EVERYTHING YOU NEED FOR A CRACKING START! ANALYSIS

Scientific Programme

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)

Postgraduate Course
14:00 - 17:30

Amber 05

HAEMODYNAMIC MANAGEMENT OF SEPTIC SHOCK: HOW TO ASSESS HAEMODYNAMICS IN SEPTIC SHOCK?

Chair: Marco Maggiorini (Zurich, Switzerland)
Chair: Jan Bakker (Rotterdam, Netherlands)

Volume status 14:00

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

Cardiac function 14:30

Speaker: Armand Mekontso Dessap (Créteil, France)

SvO₂/ScvO₂, PCO₂ gap 15:00

Lactate and its kinetics 15:30

Speaker: Jan Bakker (Rotterdam, Netherlands)

Microcirculation/tissue 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)

Postgraduate Course
14:20 - 15:45

Brown 01

EDIC PART II EXAMINATION: PREPARATION COURSE

Curves 3: Ventilator screens 14:20

Speaker: Petr Waldauf (Prague, Czech Republic)

Biochemistry 1: Advanced acid-base 15:00

Speaker: Frantisek Duska (Prague, Czech Republic)

Scientific Programme

Postgraduate Course
14:30 - 16:00

Brown 03

CRITICAL CARE REFRESHER COURSE: TRAUMA AND SURGERY

Chair: Francesca Rubulotta (London, United Kingdom)

GI bleed **14:30**

Speaker: Ravindra Kumar (Redhill, United Kingdom)

Pancreas **15:00**

Speaker: John Marshall (Toronto, Canada)

Blunt trauma: Damage control **15:30**

Speaker: Martin Dünser (Salzburg, Austria)

Postgraduate Course
15:00 - 17:30

Amber 04

CHALLENGES AND CONTROVERSIES IN MANAGING SEPSIS PATIENTS: SOURCE CONTROL AND MULTIDRUG RESISTENCE

Chair: Michael Bauer (Jena, Germany)

Rationale and principles **15:00**

Speaker: Ignacio Martin-Loeches (Dublin, Ireland)

Source control - is timing important? **15:20**

Speaker: Jan De Waele (Ghent, Belgium)

Minimally invasive approaches (percutaneous drainage) **15:40**

Speaker: Philippe Montravers (Paris, France)

Discussion **16:00**

Epidemiology - Implications for practice **16:15**

Antibiotic therapy - What are the options in XDR and PDR **16:35**

The challenge of A. Baumannii **16:55**

Speaker: José Garnacho Montero (Seville, Spain)

Discussion **17:15**

Postgraduate Course
15:20 - 17:00

Amber 07

ICM RESEARCH: EVERYTHING YOU NEED FOR A CRACKING START! PRESENTATION AND PUBLICATION

Data sharing and open access research **15:20**

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

Scientific Programme

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

Postgraduate Course
15:30 - 17:00

Amber 01

BASIC COURSE IN ECHOCARDIOGRAPHY : Group A

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: Sara Sher (Milan, Italy)

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
15:30 - 17:00

Amber 02

BASIC COURSE IN ECHOCARDIOGRAPHY : Group C

Hands-on 15:30

Speaker: Philippe Vignon (Limoges, France)

Speaker: Eric Maury (Paris, France)

Speaker: Daniel Lichtenstein (Paris, France)

Speaker: Nicolas Lerolle (Angers, France)

Speaker: Yanick Beaulieu (Montreal, Canada)

Speaker: Aarne Feldheiser (Berlin, Germany)

Speaker: Loredana Faraldi (Milan, Italy)

Scientific Programme

Postgraduate Course
15:30 - 17:00

Amber 03

BASIC COURSE IN ECHOCARDIOGRAPHY : Group B

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: Armand Mekontso Dessap (Créteil, 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

Postgraduate Course
16:00 - 17:30

Brown 01

EDIC PART II EXAMINATION: PREPARATION COURSE

Biochemistry 2: Vignette, ions and patterns	16:00
CBA Images 1: CXR/AXR	16:45
Speaker: Rajnish Saha (Harlow, United Kingdom)	

Postgraduate Course
16:30 - 18:00

Brown 03

CRITICAL CARE REFRESHER COURSE: ENDOCRINE, ONCOLOGY AND BURNS

Chair: Pascale Gruber (London, United Kingdom)

Blast injuries	16:30
Endocrinology, what the intensivist needs to know	17:00
The oncologic patient in the ICU	17:30

Postgraduate Course
17:00 - 18:00

Amber 06

MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT

Role of non-invasive ventilation in acute hypoxaemic respiratory failure	17:00
Speaker: Massimo Antonelli (Rome, Italy)	

Scientific Programme

Ventilator induced lung injury **17:30**
Speaker: Marco Ranieri (Rome, Italy)

Postgraduate Course Amber 07
17:20 - 18:00

ICM RESEARCH: EVERYTHING YOU NEED FOR A CRACKING START! STUDY CHALLENGE

How ESICM and NEXT can help with your research **17:20**
Speaker: Katie Lane (London, United Kingdom)
Speaker: Peter Schellongowski (Vienna, Austria)

Setting the challenge **17:30**
Speaker: Jean-Daniel Chiche (Paris, France)

Postgraduate Course Brown 01
17:45 - 18:45

EDIC PART II EXAMINATION: PREPARATION COURSE

CBA Images 2: CT/US **17:45**
Speaker: Ravindra Kumar (Redhill, United Kingdom)

Scientific Programme

Sunday, 02 October 2016

Postgraduate Course
08:00 - 10:00

Brown 01

EDIC PART II EXAMINATION: PREPARATION COURSE

How to go through CCS 1 Medical

08:00

Speaker: Pascale Gruber (London, United Kingdom)

CCS Video

09:00

How to go through CCS 2 Cardiothoracic

09:15

Speaker: Carl Waldmann (Reading, United Kingdom)

Postgraduate Course
08:30 - 09:00

Amber 07

NEXT DAY - WELCOMING AND INTRODUCTION

Chair: Lara Prisco (Oxford, United Kingdom)

ESICM: Education, scientific research and network!

08:30

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

NEXT 2016 and beyond...

08:45

Speaker: Lara Prisco (Oxford, United Kingdom)

Postgraduate Course
08:30 - 10:00

Brown 03

CRITICAL CARE REFRESHER COURSE: NEPHROLOGY, ELECTROLYTES AND FLUID MANAGEMENT

Chair: Catherine Bouman (Amsterdam, Netherlands)

Continuous renal replacement therapy

08:30

Speaker: Claudio Ronco (Vicenza, Italy)

Antibiotic dosing during renal failure

09:00

Speaker: Jeffrey Lipman (Brisbane, Australia)

Fluid resuscitation

09:30

Speaker: Frantisek Duska (Prague, Czech Republic)

Postgraduate Course
09:00 - 10:35

Amber 01

BASIC COURSE IN ECHOCARDIOGRAPHY : Group B

Scientific Programme

Respiratory distress: Basic approach using US	09:00
Speaker: Philippe Vignon (Limoges, France)	
Echo signs of pneumothorax	09:20
Speaker: Paul Mayo (New York, United States)	
Pleural effusion	09:40
Speaker: Paul Mayo (New York, United States)	
Lung condensation: Pneumonia, atelectasis,...	10:00
Speaker: Daniel Lichtenstein (Paris, France)	
Diaphragmatic function: How to evaluate?	10:20
Speaker: Nicolas Lerolle (Angers, France)	
 Postgraduate Course 09:00 - 10:30	 Amber 02
BASIC COURSE IN ECHOCARDIOGRAPHY : Group A	
Hands-on	09:00
Speaker: Bernard Cholley (Paris, France)	
Speaker: Gorazd Voga (Celje, Slovenia)	
Speaker: Armand Mekontso Dessap (Créteil, France)	
Speaker: Nick Fletcher (London, United Kingdom)	
Speaker: Matthieu Legrand (Paris, France)	
Speaker: Michelle Chew (Malmö, Sweden)	
Speaker: Fernando Clau-Terré (Barcelona, Spain)	
Speaker: Sara Sher (Milan, Italy)	
 Postgraduate Course 09:00 - 10:35	 Amber 03
BASIC COURSE IN ECHOCARDIOGRAPHY : Group C	
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: Loredana Faraldi (Milan, Italy)	
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)	

Scientific Programme

Postgraduate Course
09:00 - 11:30

Amber 04

CHALLENGES AND CONTROVERSIES IN MANAGING SEPSIS PATIENTS: UPDATE ON THERAPEUTICS

Chair: Ignacio Martin-Loeches (Dublin, Ireland)

Are we moving forward? 09:00

Speaker: Jean-Louis Vincent (Brussels, Belgium)

Steroids in pneumonia 09:20

Speaker: Antonio Torres (Barcelona, Spain)

Endotoxin-removal systems 09:40

Speaker: Massimo Antonelli (Rome, Italy)

Discussion 10:00

IVIG for infections - When and how 10:15

Speaker: Didier Payen (Paris, France)

Selenium 10:35

Speaker: Yasser Sakr (Jena, Germany)

Stem cell therapies 10:55

Discussion 11:15

Postgraduate Course
09:00 - 10:30

Amber 05

HAEMODYNAMIC MANAGEMENT OF SEPTIC SHOCK: MANAGEMENT OF SEPTIC SHOCK IN SPECIFIC SITUATIONS

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

Chair: Antonio Artigas (Barcelona, Spain)

Septic shock with ARDS 09:00

Speaker: Antonio Artigas (Barcelona, Spain)

Septic shock associated with acute pancreatitis 09:30

Speaker: Wolfgang Huber (Munich, Germany)

Septic shock with intrabdominal hypertension 10:00

Speaker: Manu Malbrain (Antwerp, Belgium)

Postgraduate Course
09:00 - 10:30

Amber 06

MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT

Clinical case history: ARDS 09:00

Speaker: Claude Guérin (Lyon, France)

Scientific Programme

Role of ECMO in the treatment of acute respiratory failure 09:30

Speaker: Alain Combes (Paris, France)

How will ARDS patients be ventilated in 2026? 10:00

Speaker: Giacomo Bellani (Monza, Italy)

Postgraduate Course

09:00 - 11:00

Amber 07

NEXT DAY - PERSONAL DISASTER MANAGEMENT TRAINING: AM I PREPARED?

Chair: Peter Schellongowski (Vienna, Austria)

Chair: Beatriz Lobo-Valbuena (Madrid, Spain)

Distasters in the ICU: A collection of experiences 09:00

From the scene to the ED - Prehospital medicine for intensivists 09:30

Speaker: Martin Dünser (Salzburg, Austria)

From the ED to the ICU - 5 beds, 10 patients: Triage and ethics 10:00

Competence based training 10:30

Postgraduate Course

09:00 - 10:20

Amber 08

ACUTE KIDNEY INJURY: DIAGNOSIS, MANAGEMENT & CONTROVERSIES: AKI: THE BASICS

Chair: Lui Forni (Surrey, United Kingdom)

Case study: Is all AKI the same 09:00

Speaker: Lui Forni (Surrey, United Kingdom)

Pathogenesis of AKI 09:20

Speaker: John Prowle (London, United Kingdom)

Epidemiology of AKI 09:40

Speaker: Ville Pettilä (Helsinki, Finland)

Prevention of AKI 10:00

Speaker: Miet Schetz (Leuven, Belgium)

Postgraduate Course

09:00 - 12:15

Brown 02

ADVANCED COURSE IN ECHOCARDIOGRAPHY: FLUID MANAGEMENT

Static echo parameters 09:00

Speaker: Antoine Vieillard-Baron (Boulogne, France)

Scientific Programme

Echo and fluid responsiveness evaluation **09:30**
Speaker: Philippe Vignon (Limoges, France)

coffee break **10:00**

Cases/discussion **10:15**
Speaker: Antoine Vieillard-Baron (Boulogne, France)

How to do in practice? **10:45**
Speaker: Anthony McLean (Sydney, Australia)

TEE: Main views, interest, side effects and contraindications **11:15**
Speaker: Antoine Vieillard-Baron (Boulogne, France)

Postgraduate Course
10:30 - 12:00 **Brown 01**

EDIC PART II EXAMINATION: PREPARATION COURSE

Mock exams - Group 1: CCS; Group 2: CBA; Group 3: Break **10:30**
Speaker: Frantisek Duska (Prague, Czech Republic)
Speaker: Hynek Riha (Prague, Czech Republic)
Speaker: Chris Loew (Poole, United Kingdom)
Speaker: Petr Waldauf (Prague, Czech Republic)
Speaker: Ravindra Kumar (Redhill, United Kingdom)
Speaker: Carl Waldmann (Reading, United Kingdom)
Speaker: Rajnish Saha (Harlow, United Kingdom)

Postgraduate Course
10:30 - 12:00 **Brown 03**

CRITICAL CARE REFRESHER COURSE: NERVOUS SYSTEM

Chair: David Menon (Cambridge, United Kingdom)

Spinal cord injury and prognostication **10:30**
Speaker: Geert Meyfroidt (Leuven, Belgium)

Seizures and status epilepticus **11:00**
Speaker: Lara Prisco (Oxford, United Kingdom)

Delirium **11:30**
Speaker: Claudia Spies (Berlin, Germany)

Postgraduate Course
10:50 - 12:10 **Amber 08**

ACUTE KIDNEY INJURY: DIAGNOSIS, MANAGEMENT & CONTROVERSIES: RRT: THE BASICS

Chair: Michael Joannidis (Innsbruck, Austria)

Scientific Programme

Case study: AKI case - Need for RRT? **10:50**

Speaker: Eric Hoste (Ghent, Belgium)

When to start RRT? **11:10**

Speaker: Michael Darmon (Saint-Etienne, France)

What modality to choose? **11:30**

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

What membrane to choose? **11:50**

Speaker: Thomas Rimmelé (Lyon, France)

Postgraduate Course

11:00 - 12:35

Amber 01

BASIC COURSE IN ECHOCARDIOGRAPHY : Group C

Respiratory distress: Basic approach using US **11:00**

Speaker: Philippe Vignon (Limoges, France)

Echo signs of pneumothorax **11:20**

Speaker: Paul Mayo (New York, United States)

Pleural effusion **11:40**

Speaker: Paul Mayo (New York, United States)

Lung condensation: Pneumonia, atelectasis,... **12:00**

Speaker: Daniel Lichtenstein (Paris, France)

Diaphragmatic function: How to evaluate? **12:20**

Speaker: Nicolas Lerolle (Angers, France)

Postgraduate Course

11:00 - 12:30

Amber 02

BASIC COURSE IN ECHOCARDIOGRAPHY : Group B

Hands-on **11:00**

Speaker: Bernard Cholley (Paris, France)

Speaker: Gorazd Voga (Celje, Slovenia)

Speaker: Armand Mekontso Dessap (Créteil, France)

Speaker: Nick Fletcher (London, United Kingdom)

Speaker: Matthieu Legrand (Paris, France)

Speaker: Michelle Chew (Malmö, Sweden)

Speaker: Fernando Clau-Terré (Barcelona, Spain)

Speaker: Sara Sher (Milan, Italy)

Postgraduate Course

11:00 - 12:35

Amber 03

BASIC COURSE IN ECHOCARDIOGRAPHY : Group A

Scientific Programme

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: Loredana Faraldi (Milan, Italy)	
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

Amber 05

HAEMODYNAMIC MANAGEMENT OF SEPTIC SHOCK: WHICH THERAPIES FOR THE SEPSIS-RELATED CARDIO-VASCULAR DERANGEMENTS?

Chair: Claude Martin (Marseille, France)

Fluid therapy: What is the best solution?	11:00
Speaker: Jean-Louis Vincent (Brussels, Belgium)	
Vasopressors: When, which, how much?	11:30
Speaker: Claude Martin (Marseille, France)	
Inotropes: When, which, how much?	12:00
Is there a place for corticosteroids? For beta-blockers?	12:30
Speaker: Daniel De Backer (Braine L'Alleud, Belgium)	

Postgraduate Course
11:00 - 12:30

Amber 06

MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT

Hands-on session 3	11:00
Patient-ventilator interaction during assisted mechanical ventilation	12:00
Speaker: Giuseppe Foti (Lecco, Italy)	

Postgraduate Course
11:30 - 13:00

Amber 07

NEXT DAY - PERSONAL DISASTER MANAGEMENT TRAINING: AM I PREPARED?

Chair: Bjoern Weiss (Berlin, Germany)
Chair: Frauke Weidanz (Edinburgh, United Kingdom)

Scientific Programme

Stop the bleeding!	11:30
Speaker: Christian Von Heymann (Berlin, Germany)	
Insane in the brain?	12:00
Speaker: Lara Prisco (Oxford, United Kingdom)	
Patient stabilised; watch out for catabolism!?!	12:30
Speaker: Steven Thiessen (Leuven, Belgium)	

Postgraduate Course
12:00 - 14:10

Amber 04

CHALLENGES AND CONTROVERSIES IN MANAGING SEPSIS PATIENTS: HOW TO SUPPORT FAILING ORGANS IN SEPSIS

Chair: Jean-Louis Vincent (Brussels, Belgium)

The lung	12:00
Speaker: Massimo Antonelli (Rome, Italy)	
The liver	12:20
Speaker: Michael Bauer (Jena, Germany)	
The kidney	12:40
Speaker: Carole Ichai (Nice, France)	
The brain	13:00
Speaker: Lara Prisco (Oxford, United Kingdom)	
Discussion	13:20

Postgraduate Course
13:00 - 16:45

Amber 06

MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT

Heart-lung interaction during mechanical ventilation	13:00
Speaker: Michael Pinsky (Pittsburgh, United States)	
Impact of mechanical ventilation on respiratory muscles	13:30
Speaker: Samir Jaber (Montpellier, France)	
Weaning from mechanical ventilation	14:00
Speaker: Laurent Brochard (Toronto, Canada)	
Pathophysiological alterations in COPD patients	14:30
Speaker: Marco Ranieri (Rome, Italy)	
Non-invasive ventilation in COPD patients	15:00
Speaker: Massimo Antonelli (Rome, Italy)	
Mechanical ventilation in COPD patients	15:30
Speaker: Jordi Mancebo Cortes (Barcelona, Spain)	

Scientific Programme

Clinical case history: Difficult weaning	16:00
Speaker: Laurent Brochard (Toronto, Canada)	
Summary and conclusions	16:30

Postgraduate Course
13:00 - 14:20

Amber 08

ACUTE KIDNEY INJURY: DIAGNOSIS, MANAGEMENT & CONTROVERSIES: RRT: ANTICOAGULATION

Chair: Marlies Ostermann (London, United Kingdom)

Case study : My bleeding patient with AKI	13:00
Speaker: Olivier Joannes-Boyau (Pessac, France)	
Do I need anticoagulation?	13:20
Speaker: Michael Joannidis (Innsbruck, Austria)	
I use conventional anticoagulation	13:40
Speaker: Miet Schetz (Leuven, Belgium)	
I use citrate anticoagulation	14:00
Speaker: Heleen Oudemans-van Straaten (Amsterdam, Netherlands)	

Postgraduate Course
13:00 - 16:20

Brown 01

EDIC PART II EXAMINATION: PREPARATION COURSE

Mock exams - Group 1: Break; Group 2: CCS; Group 3: CBA	13:00
Speaker: Frantisek Duska (Prague, Czech Republic)	
Speaker: Hynek Riha (Prague, Czech Republic)	
Speaker: Chris Loew (Poole, United Kingdom)	
Speaker: Petr Waldauf (Prague, Czech Republic)	
Speaker: Ravindra Kumar (Redhill, United Kingdom)	
Speaker: Carl Waldmann (Reading, United Kingdom)	
Speaker: Rajnish Saha (Harlow, United Kingdom)	
Mock exams - Group 1: CBA; Group 2: Break; Group 3: CCS	14:30
Speaker: Frantisek Duska (Prague, Czech Republic)	
Speaker: Hynek Riha (Prague, Czech Republic)	
Speaker: Chris Loew (Poole, United Kingdom)	
Speaker: Petr Waldauf (Prague, Czech Republic)	
Speaker: Carl Waldmann (Reading, United Kingdom)	
Speaker: Ravindra Kumar (Redhill, United Kingdom)	
Speaker: Rajnish Saha (Harlow, United Kingdom)	
Tips and guide to educational resources	16:00
Speaker: Rajnish Saha (Harlow, United Kingdom)	

Scientific Programme

Postgraduate Course
13:00 - 16:00

Brown 02

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: Anthony McLean (Sydney, Australia)

coffee break

14:45

Pitfalls and mimickers

15:00

Speaker: Philippe Vignon (Limoges, France)

How do I perform in practice an echo examination at the bedside and the report

15:30

Speaker: Paul Mayo (New York, United States)

Postgraduate Course
13:00 - 14:30

Brown 03

CRITICAL CARE REFRESHER COURSE: MANAGEMENT OF THE ICU PATIENT

Chair: Rui Paulo Moreno (Lisbon, Portugal)

Sedatives, analgesia

13:00

Speaker: Stephen Shepherd (London, United Kingdom)

Transport of the critically ill patient

13:30

Speaker: Christian Sitzwohl (Vienna, Austria)

Heat, cold and altitude exposure

14:00

Postgraduate Course
14:00 - 15:35

Amber 01

BASIC COURSE IN ECHOCARDIOGRAPHY : Group A

Respiratory distress: Basic approach using US

14:00

Speaker: Philippe Vignon (Limoges, France)

Echo signs of pneumothorax

14:20

Speaker: Paul Mayo (New York, United States)

Pleural effusion

14:40

Speaker: Paul Mayo (New York, United States)

Lung condensation: Pneumonia, atelectasis,...

15:00

Speaker: Daniel Lichtenstein (Paris, France)

Scientific Programme

Diaphragmatic function: How to evaluate? **15:20**
Speaker: Nicolas Lerolle (Angers, France)

Postgraduate Course Amber 02
14:00 - 15:30

BASIC COURSE IN ECHOCARDIOGRAPHY : Group C

Hands-on **14:00**

Speaker: Bernard Cholley (Paris, France)
Speaker: Gorazd Voga (Celje, Slovenia)
Speaker: Armand Mekontso Dessap (Créteil, France)
Speaker: Nick Fletcher (London, United Kingdom)
Speaker: Matthieu Legrand (Paris, France)
Speaker: Michelle Chew (Malmö, Sweden)
Speaker: Fernando Clau-Terré (Barcelona, Spain)
Speaker: Sara Sher (Milan, Italy)

Postgraduate Course Amber 03
14:00 - 15:35

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: Loredana Faraldi (Milan, Italy)

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 Amber 05
14:00 - 16:00

HAEMODYNAMIC MANAGEMENT OF SEPTIC SHOCK: CLINICAL CASE-BASED DISCUSSION*

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

Station 1

Speaker: Xavier Monnet (Kremlin-Bicetre, France)
Speaker: Antonio Artigas (Barcelona, Spain)

Scientific Programme

Station 2

Speaker: Michael Pinsky (Pittsburgh, United States)

Speaker: Wolfgang Huber (Munich, Germany)

Station 3

Station 4

Speaker: Marco Maggiorini (Zurich, Switzerland)

Speaker: Manu Malbrain (Antwerp, Belgium)

Postgraduate Course

14:00 - 15:00

Amber 07

NEXT DAY - DISASTER MANAGEMENT TRAINING: ARE WE PREPARED?

Chair: Nishkantha Arulkumaran (London, United Kingdom)

Chair: Bernardo Bollen Pinto (Geneva, Switzerland)

You sank my ship: Lessons from the Costa Concordia

14:00

Speaker: Stefano Barbadori (Grosseto, Italy)

Epidemics: The example of H1N1

14:30

Speaker: Paula Ramirez (Valencia, Spain)

Postgraduate Course

14:30 - 16:30

Amber 04

CHALLENGES AND CONTROVERSIES IN MANAGING SEPSIS PATIENTS: WORKSHOPS

Management of the golden hours of sepsis

Speaker: Claude Martin (Marseille, France)

Source control

Speaker: Ignacio Martin-Loeches (Dublin, Ireland)

Implementing antibiotic stewardship in my ICU

Speaker: Jeroen Schouten (Nijmegen, Netherlands)

Abdominal sepsis, clinical approach

Speaker: Philippe Montravers (Paris, France)

Postgraduate Course

14:30 - 16:00

Brown 03

CRITICAL CARE REFRESHER COURSE: TRANSPORT, ENVIRONMENTAL MEDICINE AND EDUCATION

Chair: Rupert Pearse (London, United Kingdom)

Chair: Pascale Gruber (London, United Kingdom)

Ethics at the end of life

14:30

Scientific Programme

Prognostic scores 15:00

Speaker: Rui Paulo Moreno (Lisbon, Portugal)

Education within the ESICM: The platform and Academy 15:30

Speaker: Francesca Rubulotta (London, United Kingdom)

Postgraduate Course

14:50 - 16:10

Amber 08

ACUTE KIDNEY INJURY: DIAGNOSIS, MANAGEMENT & CONTROVERSIES: SPECIAL PROBLEMS

Chair: Lui Forni (Surrey, United Kingdom)

Case study: My starving patient is septic 14:50

Speaker: John Prowle (London, United Kingdom)

Drug dosing in RRT 15:10

Speaker: Olivier Joannes-Boyau (Pessac, France)

Nutrition in RRT 15:30

Speaker: Ville Pettilä (Helsinki, Finland)

Electrolyte balance and RRT 15:50

Speaker: Marlies Ostermann (London, United Kingdom)

Postgraduate Course

15:00 - 16:00

Amber 07

NEXT DAY - DISASTER MANAGEMENT TRAINING: HOW WE DO IT?

Chair: Nishkantha Arulkumaran (London, United Kingdom)

Chair: Brijesh Patel (London, United Kingdom)

Changes in Europe: We will be prepared 15:00

Speaker: Luke Leenen (Utrecht, Netherlands)

Lessons from Israel: We were prepared 15:30

Speaker: Sharon Einav (Jerusalem, Israel)

Postgraduate Course

16:00 - 16:30

Amber 07

NEXT DAY - DISASTER MANAGEMENT TRAINING: SHOULD WE ALL DO IT?

Chair: Adrian Wong (Portsmouth, United Kingdom)

Chair: Stephen Shepherd (London, United Kingdom)

Crisis preparedness: Challenging the experts 16:00

Speaker: Luke Leenen (Utrecht, Netherlands)

Speaker: Sharon Einav (Jerusalem, Israel)

29th Annual Congress of the European Society of Intensive Care Medicine,
1 - 5 October 2016,
Milan, Italy

Scientific Programme

Postgraduate Course
16:30 - 16:45

Amber 07

NEXT DAY - DISASTER MANAGEMENT TRAINING: WRAP IT UP!

Chair: Lara Prisco (Oxford, United Kingdom)
Chair: Bjoern Weiss (Berlin, Germany)

Scientific Programme

Monday, 03 October 2016

Thematic Session
08:30 - 09:30

Milan

NEW DEVELOPMENTS IN HAEMODYNAMIC MONITORING

Chair: Pierre Squara (Neuilly-sur-Seine, France)
Chair: Azriel Perel (Tel Aviv, Israel)

Can dynamic arterial elastance guide vasopressor administration?

08:30

Speaker: Thomas Scheeren (Groningen, Netherlands)

Discussion

08:45

Mean systemic filling pressure: What for?

08:50

Speaker: Michael Pinsky (Pittsburgh, United States)

Discussion

09:05

Is EVLW measurement useful?

09:10

Speaker: Daniel Reuter (Hamburg, Germany)

Discussion

09:25

Thematic Session
08:30 - 09:30

Berlin

SEVERE ELECTROLYTE DISORDERS IN THE EMERGENCY ROOM

Chair: Michael Darmon (Saint-Etienne, France)
Chair: Eric Hoste (Ghent, Belgium)

A patient with hyperkalaemia

08:30

Speaker: John Prowle (London, United Kingdom)

Discussion

08:45

A patient with hyponatraemia

08:50

Speaker: Michael Joannidis (Innsbruck, Austria)

Discussion

09:05

A patient with hypernatraemia

09:10

Speaker: Wilfred Druml (Vienna, Austria)

Discussion

09:25

Scientific Programme

Thematic Session
08:30 - 09:30

Vienna

MANAGING THE CRITICALLY ILL BURN PATIENT

Chair: David Lockey (Bristol, United Kingdom)
Chair: Martin Dünser (Salzburg, Austria)

What's new in critical care of burn patients?

08:30

Speaker: Philipp Metnitz (Vienna, Austria)

Discussion

08:45

Which surgical interventions to be done?

08:50

Speaker: Matthieu Legrand (Paris, France)

Discussion

09:05

Fluid resuscitation: Is less more?

09:10

Speaker: Ignacio Martin-Loeches (Dublin, Ireland)

Discussion

09:25

Thematic Session
08:30 - 09:30

Lisbon

ICM: YEAR IN REVIEW 1

Chair: Jean-François Timsit (Paris, France)
Chair: Anders Perner (Copenhagen, Denmark)

Acute respiratory failure

08:30

Speaker: Ignacio Martin-Loeches (Dublin, Ireland)

Discussion

08:45

Cardiodynamics and ultrasound

08:48

Speaker: Antoine Vieillard-Baron (Boulogne, France)

Discussion

09:03

Acute kidney injury

09:06

Speaker: Miet Schetz (Leuven, Belgium)

Discussion

09:21

ICM: The ESICM Journal

09:24

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

Thematic Session
08:30 - 09:30

Paris

THE ROLE OF TECHNOLOGY IN REHABILITATION FROM THE ICU TO THE COMMUNITY

Chair: Theodoros Kyprianou (Nicosia, Cyprus)
Chair: Carole Boulanger (Exeter, United Kingdom)

Scientific Programme

Prevention and treatment of CIM/CIP - The current state of the art technology **08:30**

Speaker: Marius Terblanche (London, United Kingdom)

Discussion **08:45**

Continuing rehabilitation after ICU discharge - Effective models of care **08:50**

Speaker: Serafim Nanas (Athens, Greece)

Discussion **09:05**

Continuing rehabilitation after ICU discharge - Opportunities for technological innovation **09:10**

Speaker: Carl Waldmann (Reading, United Kingdom)

Discussion **09:25**

Clinical Challenges Session
08:40 - 09:30

Amsterdam

HOW DO I RESCUE THE SEVERELY HYPOXIC PATIENT?

Chair: Anders Larsson (Uppsala, Sweden)

Presentation

Speaker: Claude Guérin (Lyon, France)

Clinical Challenges Session
08:40 - 09:30

Athens

HOW DO I MANAGE SEPSIS IN THE IMMUNCOMPROMISED PATIENT?

Chair: Yasser Sakr (Jena, Germany)

Presentation

Speaker: Geoffrey Bellington (London, United Kingdom)

Clinical Challenges Session
08:40 - 09:30

Barcelona

HOW DO I MANAGE STROKE (ISCHEMIC AND HAEMORRHAGIC) IN PATIENTS WITH HEART SURGERY?

Chair: Raimund Helbok (Innsbruck, Austria)

Presentation

Speaker: Jose Suarez (Houston, United States)

Scientific Programme

Clinical Challenges Session
08:40 - 09:30

Geneva

HOW DO I PREVENT UNDER- AND OVERFEEDING?

Chair: Michael Casaer (Leuven, Belgium)

Presentation

Speaker: Mette Berger (Lausanne, Switzerland)

Clinical Challenges Session
08:40 - 09:30

Glasgow

HOW DO I ACHIEVE A SHARED DECISION WITH THE SCEPTICS?

Chair: Julie Benbenishty (Jerusalem, Israel)

Presentation

Speaker: Christiane Hartog (Jena, Germany)

Thematic Session
11:00 - 12:00

Milan

THE END OF EGDT ERA?

Chair: Richard Beale (London, United Kingdom)

Chair: Yasser Sakr (Jena, Germany)

EGDT: A historical perspective

11:00

Speaker: Richard Beale (London, United Kingdom)

Discussion

11:15

The current evidence, pro or con?

11:20

Speaker: Derek Angus (Pittsburgh, United States)

Discussion

11:35

Therapeutic goals for the future

11:40

Speaker: Andrew Rhodes (London, United Kingdom)

Discussion

11:55

Thematic Session
11:00 - 12:00

Berlin

ICU-AQUIRED WEAKNESS AND WEANING

Chair: Michael Hiesmayr (Vienna, Austria)

Chair: Jean-Daniel Chiche (Paris, France)

Mechanisms and risk factors

11:00

Speaker: Michael Casaer (Leuven, Belgium)

Scientific Programme

Discussion 11:15

Ventilator-induced diaphragm dysfunction: detecting at bedside 11:20

Speaker: Samir Jaber (Montpellier, France)

Discussion 11:35

How to manage the weak patient? 11:40

Speaker: Michael Hiesmayr (Vienna, Austria)

Discussion 11:55

Clinical Challenges Session
11:00 - 11:50

Amsterdam

HOW DO I INTEGRATE THE HAEMODYNAMIC VARIABLES?

Chair: Azriel Perel (Tel Aviv, Israel)

Presentation

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

Clinical Challenges Session
11:00 - 11:50

Athens

HOW DO I INDIVIDUALISE PATIENT BLOOD MANAGEMENT IN PERIOPERATIVE ICU CARE?

Chair: Gavin Murphy (Leicester, United Kingdom)

Presentation

Speaker: Patrick Meybohm (Frankfurt, Germany)

Clinical Challenges Session
11:00 - 11:50

Barcelona

HOW DO I MANAGE POISONING WITH CARDIODEPRESSANT DRUGS?

Chair: Jerry Nolan (Bath, United Kingdom)

Presentation

Speaker: Bruno Mégarbane (Paris, France)

Clinical Challenges Session
11:00 - 11:50

Geneva

HOW DO I MANAGE AN OLIGURIC PATIENT?

Chair: Lui Forni (Surrey, United Kingdom)

Scientific Programme

Presentation

Speaker: Thomas Rimmelé (Lyon, France)

Clinical Challenges Session
11:00 - 11:50

Glasgow

HOW DO I USE INHALED ANTIBIOTICS - INDICATIONS AND PRACTICAL APPLICATION

Chair: Pieter Depuydt (Gent, Belgium)

Presentation

Speaker: Miguel Sanchez-Garcia (Madrid, Spain)

Thematic Session
11:00 - 12:00

Lisbon

ICU ADMISSION IN THE VERY OLD

Chair: Hans Flaatten (Bergen, Norway)
Chair: Dylan de Lange (Utrecht, Netherlands)

Prognostic factors: The good and the bad

11:00

Speaker: Dylan de Lange (Utrecht, Netherlands)

Discussion

11:15

Factors impossible to know

11:20

Speaker: Rui Paulo Moreno (Lisbon, Portugal)

Discussion

11:35

Results from the CubRea study

11:40

Speaker: Bertrand Guidet (Paris, France)

Discussion

11:55

Thematic Session
11:00 - 12:00

Paris

PROFESSIONAL RESPONSIBILITIES - PRIORITIES REVISITED

Chair: Carole Boulanger (Exeter, United Kingdom)
Chair: Jos Latour (Plymouth, United Kingdom)

Professional autonomy & legal responsibilities

11:00

Speaker: Sonia Labeau (Ghent, Belgium)

Discussion

11:15

Social media: a bonus or a curse

11:20

Speaker: Ruth Endacott (Plymouth, United Kingdom)

Discussion

11:35

Scientific Programme

The mature ICU nurse: alive & kicking! **11:40**

Speaker: Julie Benbenishty (Jerusalem, Israel)

Discussion **11:55**

Postgraduate Course
11:00 - 12:00

NEXT Lounge

NEXT LOUNGE - RESEARCH WORKSHOP

Chair: Katie Lane (London, United Kingdom)

Workshop 1 - Study design: Build a study today!

Speaker: Geert Meyfroidt (Leuven, Belgium)

Speaker: Arjen Slooter (Utrecht, Netherlands)

Speaker: Diederik van Dijk (Utrecht, Netherlands)

Industry Sponsored Session
12:30 - 14:00

Lisbon

INDUSTRY SPONSORED SESSION

Thematic Session
14:15 - 15:45

Milan

THE IMMUNE SYSTEM IN SEPSIS

Chair: Michael Bauer (Jena, Germany)

Chair: Ricard Ferrer Roca (Barcelona, Spain)

The basics **14:15**

Speaker: Jean-Daniel Chiche (Paris, France)

Discussion **14:30**

What's new? **14:33**

Speaker: Benjamin Glenn Chousterman (Paris, France)

Discussion **14:48**

Immunomodulation in sepsis: Why does every clinical trial fail? **14:51**

Speaker: Konrad Reinhart (Jena, Germany)

Discussion **15:06**

Immunmonitoring, fact or fiction? **15:09**

Speaker: Didier Payen (Paris, France)

Discussion **15:24**

Is there a place for immune modulating drugs? **15:27**

Speaker: Peter Pickkers (Nijmegen, Netherlands)

Scientific Programme

Discussion **15:42**

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

Berlin

HEART-LUNG INTERACTIONS: PRACTICAL ASPECTS IN THE ICU

Chair: Azriel Perel (Tel Aviv, Israel)
Chair: Xavier Monnet (Kremlin-Bicetre, France)

To assess volemic status **14:15**

Speaker: Frederic Michard (Lausanne, Switzerland)

Discussion **14:30**

Acute cor pulmonale during mechanical ventilation **14:33**

Speaker: Antoine Vieillard-Baron (Boulogne, France)

Discussion **14:48**

In intraabdominal hypertension **14:51**

Speaker: Daniel Reuter (Hamburg, Germany)

Discussion **15:06**

What can we learn from dynamic parameters in spontaneously breathing patients? **15:09**

Speaker: Azriel Perel (Tel Aviv, Israel)

Discussion **15:24**

Cardiac dysfunction during weaning **15:27**

Speaker: Michael Pinsky (Pittsburgh, United States)

Discussion **15:42**

Thematic Session
14:15 - 15:45

Vienna

PERIOPERATIVE CARE FOR THE VERY ILL

Chair: Luke Leenen (Utrecht, Netherlands)
Chair: Victoria Metaxa (London, United Kingdom)

Surgery in critically ill patients - an anaesthesiologist's view **14:15**

Speaker: Daniel Reuter (Hamburg, Germany)

Discussion **14:30**

Surgery in critically ill patients - a surgeon's view **14:33**

Speaker: Luke Leenen (Utrecht, Netherlands)

Discussion **14:48**

Surgery in critically ill patients - an intensivist's view **14:51**

Speaker: Bernardo Bollen Pinto (Geneva, Switzerland)

Scientific Programme

Discussion 15:06

Strategies to improve perioperative autonomy for critically ill patients 15:09

Speaker: Victoria Metaxa (London, United Kingdom)

Discussion 15:24

End-of-life decisions in perioperative care - a neglected issue? 15:27

Speaker: Rik Gerritsen (Leeuwarden, Netherlands)

Discussion 15:42

Thematic Session

14:15 - 15:45

Amsterdam

REFRACTORY CARDIAC ARREST

Chair: Alain Cariou (Paris, France)

Chair: Hans Friberg (Lund, Sweden)

Extended CPR: For which patients? 14:15

Speaker: Martin Dünser (Salzburg, Austria)

Discussion 14:30

Rationale and technical aspects of ECMO in cardiac arrest 14:33

Speaker: Bruno Mégarbane (Paris, France)

Discussion 14:48

Determinants of outcome from eCPR 14:51

Speaker: Claudio Sandroni (Rome, Italy)

Discussion 15:06

Practical aspects of ECMO in cardiac arrest 15:09

Speaker: Giuseppe Foti (Lecco, Italy)

Discussion 15:24

Ethical considerations: Is eCPR one step too far? 15:27

Speaker: Alain Cariou (Paris, France)

Discussion 15:42

Thematic Session

14:15 - 15:45

Athens

FLUIDS, A NEVER ENDING STORY

Chair: Michael Sander (Giessen, Germany)

Chair: Andrew Rhodes (London, United Kingdom)

(Patho-) Physiology of fluid replacement 14:15

Speaker: Matthias Wolff (Giessen, Germany)

Scientific Programme

Discussion	14:30
Albumin in the ICU - What is the evidence?	14:33
Speaker: Ib Jammer (Bergen, Norway)	
Discussion	14:48
Perioperative goal-directed therapy: What is the goal?	14:51
Speaker: Rupert Pearse (London, United Kingdom)	
Discussion	15:06
POC directed coagulation management - New evidence?	15:09
Speaker: Christian Von Heymann (Berlin, Germany)	
Discussion	15:24
Transfusion of blood products in 2016 - One threshold fits all?	15:27
Speaker: Gavin Murphy (Leicester, United Kingdom)	
Discussion	15:42

Joint Session
14:15 - 15:45

Barcelona

JOINT WITH ESA - CHOOSING WISELY: 5 TOPICS REFLECTING APPROPRIATE CARE

Chair: Jozef Kesecioglu (Utrecht, Netherlands)
Chair: Sharon Einav (Jerusalem, Israel)

To test or not to test	14:15
Speaker: Sharon Einav (Jerusalem, Israel)	
Discussion	14:30
Blood transfusion practices	14:33
Speaker: Daniela Filipescu (Bucharest, Romania)	
Discussion	14:48
Palliative care or continued life support	14:51
Discussion	15:06
Sedation vacations or unplanned extubations?	15:09
Speaker: Claudia Spies (Berlin, Germany)	
Discussion	15:24
TPN timing and temerity	15:27
Discussion	15:42

Scientific Programme

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

Geneva

RCTS IN TBI: WHAT IS THE IMPLICATION FOR CLINICAL PRACTICE ?

Chair: Mauro Oddo (Lausanne, Switzerland)
Chair: Nino Stocchetti (Milan, Italy)

Pharmacologic neuroprotection **14:15**
Speaker: Elisa Zanier (Milan, Italy)

Discussion **14:30**

ICP monitoring **14:33**
Speaker: David Menon (Cambridge, United Kingdom)

Discussion **14:48**

Fluid therapy **14:51**
Speaker: Jose Suarez (Houston, United States)

Discussion **15:06**

Induced hypothermia **15:09**
Speaker: Giuseppe Citerio (Monza, Italy)

Discussion **15:24**

Decompressive craniectomy **15:27**
Speaker: Peter LeRoux (Philadelphia, United States)

Discussion **15:42**

Continuous Professional Education Session
14:15 - 15:45

Glasgow

THE ESSENTIAL TARGETS IN RESUSCITATION OF SEPTIC PATIENTS

Chair: Mitchell Levy (Providence, United States)
Chair: Yasser Sakr (Jena, Germany)

Arterial pressure: too much information? **14:15**
Speaker: Jean-Louis Vincent (Brussels, Belgium)

Discussion **14:30**

Is CVP dead? **14:33**
Speaker: Jean-Louis Teboul (Kremlin-Bicetre, France)

Discussion **14:48**

Determinants of cardiac output **14:51**
Speaker: Yasser Sakr (Jena, Germany)

Discussion **15:06**

Limitations of ScVO2 **15:09**
Speaker: Ignacio Martin-Loeches (Dublin, Ireland)

Scientific Programme

Discussion 15:24

Blood lactate levels 15:27

Speaker: Jan Bakker (Rotterdam, Netherlands)

Discussion 15:42

Continuous Professional Education Session
14:15 - 15:45

Lisbon

FEEDING INTOLERANCE

Chair: Rui Paulo Moreno (Lisbon, Portugal)

Chair: Annika Reintam Blaser (Tartu, Estonia)

Defining feeding intolerance 14:15

Speaker: Michael Casaer (Leuven, Belgium)

Discussion 14:30

Prokinetic therapy: When, which and how much? 14:33

Speaker: Carole Ichai (Nice, France)

Discussion 14:48

When to use postpyloric feeding? 14:51

Speaker: Annika Reintam Blaser (Tartu, Estonia)

Discussion 15:06

Absorption of nutrients during critical illness 15:09

Speaker: Jean-Charles Preiser (Brussels, Belgium)

Discussion 15:24

Is there a role for fibers and probiotics? 15:27

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

Discussion 15:42

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

Paris

ETHICAL PEARLS REGARDING "SPECIFIC CIRCUMSTANCE ETHICS"

Chair: Julian Bion (Birmingham, United Kingdom)

Chair: Armand Girbes (Amsterdam, Netherlands)

Organ donation when the donor is not yet dead 14:15

Speaker: Rik Gerritsen (Leeuwarden, Netherlands)

Discussion 14:30

Allocation of resources when there are no resources 14:33

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

Scientific Programme

Discussion	14:48
Informed consent when times are Babylonian	14:51
Speaker: Armand Girbes (Amsterdam, Netherlands)	
Discussion	15:06
Decision-making when the advance directive is not direct	15:09
Speaker: Christiane Hartog (Jena, Germany)	
Discussion	15:24
End-of-life care when life is supposed to be endless	15:27
Speaker: Andrej Michalsen (Tettnang, Germany)	
Discussion	15:42
Thematic Session 16:00 - 18:00	Berlin
MANAGEMENT IN THE FIRST HOURS OF SEPTIC SHOCK	
Chair: Daniel De Backer (Braine L'Alleud, Belgium) Chair: Jean-Louis Teboul (Kremlin-Bicetre, France)	
Challenges for the identification of septic shock	16:00
Speaker: Derek Angus (Pittsburgh, United States)	
Discussion	16:15
Adequate antimicrobials - Drug and dose	16:20
Speaker: Jeffrey Lipman (Brisbane, Australia)	
Discussion	16:35
Source control - The forgotten challenge	16:40
Speaker: Ignacio Martin-Loeches (Dublin, Ireland)	
Discussion	16:55
Management of microcirculation?	17:00
Speaker: Can Ince (Amsterdam, Netherlands)	
Discussion	17:15
Protocolised vs individualised management	17:20
Speaker: Antonio Artigas (Barcelona, Spain)	
Discussion	17:35
Haemodynamic management	17:40
Speaker: Claude Martin (Marseille, France)	
Discussion	17:55

Scientific Programme

Thematic Session
16:00 - 18:00

Vienna

WHATS' NEW IN ARDS?

Chair: Giacomo Bellani (Monza, Italy)
Chair: Claude Guérin (Lyon, France)

What did we learn from LUNG-SAFE? **16:00**
Speaker: John Laffey (Toronto, Canada)

Discussion **16:15**

The Berlin definition: Already time for a change? **16:20**
Speaker: Marco Ranieri (Rome, Italy)

Discussion **16:35**

Any hope for new drugs for ARDS? **16:40**
Speaker: Geoffrey Bellington (London, United Kingdom)

Discussion **16:55**

Can ARDS be prevented? **17:00**
Speaker: Marcus Schultz (Amsterdam, Netherlands)

Discussion **17:15**

Are ARDS and DAD the same entities? **17:20**
Speaker: Claude Guérin (Lyon, France)

Discussion **17:35**

Non-invasive ventilation of patients with ARDS: Insights from the LUNG SAFE Study **17:40**
Speaker: Giacomo Bellani (Monza, Italy)

Discussion **17:55**

Continuous Professional Education Session
16:00 - 18:00

Athens

CARDIO-VASCULAR DRUGS IN THE ICU: WHEN AND WHY?

Chair: Pierre Squara (Neuilly-sur-Seine, France)
Chair: Jan Bakker (Rotterdam, Netherlands)

Vasopressors **16:00**
Speaker: Maurizio Cecconi (London, United Kingdom)

Discussion **16:15**

Inotropes **16:20**
Speaker: Andrew Rhodes (London, United Kingdom)

Discussion **16:35**

Vasodilators **16:40**
Speaker: Jan Bakker (Rotterdam, Netherlands)

Scientific Programme

Discussion	16:55
Calcium sensitizers	17:00
Speaker: Alexandre Mebazaa (Paris, France)	
Discussion	17:15
Phosphodiesterase-Inhibitors	17:20
Speaker: Pierre Squara (Neuilly-sur-Seine, France)	
Discussion	17:35
Beta-Blockers	17:40
Speaker: Bruno Levy (Vandoeuvre les Nancy, France)	
Discussion	17:55
Continuous Professional Education Session 16:00 - 18:00	Barcelona
MECHANICAL VENTILATION... NOT ONLY ARDS	
Chair: Michael Quintel (Göttingen, Germany) Chair: Massimo Antonelli (Rome, Italy)	
The patients with healthy lung	16:00
Speaker: Jean-Michel Constantin (Clermont-Ferrand, France)	
Discussion	16:15
Ventilating COPD patients: any news?	16:20
Speaker: Michael Quintel (Göttingen, Germany)	
Discussion	16:35
Acute hypoxaemic respiratory failure: different from ARDS?	16:40
Speaker: John Laffey (Toronto, Canada)	
Discussion	16:55
The obese patient in ICU	17:00
Speaker: Samir Jaber (Montpellier, France)	
Discussion	17:15
Chest trauma and severe pleural fistulae	17:20
Speaker: Jacques Duranteau (Kremlin-Bicetre, France)	
Discussion	17:35
The patient with acute cor pulmonale	17:40
Speaker: Armand Mekontso Dessap (Créteil, France)	
Discussion	17:55

Scientific Programme

Thematic Session
16:00 - 18:00

Geneva

THE NEW ERC GUIDELINES 2015

Chair: Jerry Nolan (Bath, United Kingdom)
Chair: Marc Leone (Marseille, France)

Advanced cardiac life support	16:00
Speaker: Claudio Sandroni (Rome, Italy)	
Discussion	16:15
Perioperative cardiac arrest	16:20
Speaker: Jerry Nolan (Bath, United Kingdom)	
Discussion	16:35
PCI Indications and acute coronary syndrome management	16:40
Speaker: Alain Cariou (Paris, France)	
Discussion	16:55
Therapeutic temperature management	17:00
Speaker: Hans Friberg (Lund, Sweden)	
Discussion	17:15
Haemodynamic management	17:20
Speaker: Kjetil Sunde (Oslo, Norway)	
Discussion	17:35
Predicting neurological outcome	17:40
Speaker: Hans Friberg (Lund, Sweden)	
Discussion	17:55

Thematic Session
16:00 - 18:00

Glasgow

CRRT: PRACTICAL ASPECTS

Chair: Michael Joannidis (Innsbruck, Austria)
Chair: Wilfred Druml (Vienna, Austria)

Early clotting	16:00
Speaker: Matthieu Legrand (Paris, France)	
Discussion	16:15
Citrate accumulation	16:20
Speaker: Heleen Oudemans-van Straaten (Amsterdam, Netherlands)	
Discussion	16:35
Antibiotic dosing	16:40
Speaker: Ville Pettilä (Helsinki, Finland)	

Scientific Programme

Discussion	16:55
ECMO and CRRT: Which anticoagulant?	17:00
Speaker: Olivier Joannes-Boyau (Pessac, France)	
Discussion	17:15
ECMO and CRRT: Where in the circuit?	17:20
Speaker: Marlies Ostermann (London, United Kingdom)	
Discussion	17:35
CRRT as a 'lung'	17:40
Speaker: Eric Hoste (Ghent, Belgium)	
Discussion	17:55
Thematic Session 16:00 - 18:00	Lisbon
NEW GUIDELINES FOR CHALLENGING ETHICAL ISSUES	
Chair: Bob Truog (Boston, United States) Chair: Andrej Michalsen (Tettngang, Germany)	
Potentially inappropriate treatment	16:00
Speaker: Jozef Kesecioglu (Utrecht, Netherlands)	
Discussion	16:15
Conscientious objection	16:20
Speaker: Bob Truog (Boston, United States)	
Discussion	16:35
Donation after circulatory death	16:40
Speaker: Rik Gerritsen (Leeuwarden, Netherlands)	
Discussion	16:55
Family-centered care	17:00
Speaker: J. Randall Curtis (Seattle, United States)	
Discussion	17:15
Shared decision-making	17:20
Speaker: Doug White (Pittsburgh, United States)	
Discussion	17:35
Interprofessional shared decision making	17:40
Speaker: Andrej Michalsen (Tettngang, Germany)	
Discussion	17:55

Scientific Programme

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

Paris

CUTTING-EDGE BREAKTHROUGH IN ANTIBIOTIC TREATMENT

Chair: Jason Roberts (Brisbane, Australia)
Chair: Miguel Sanchez-Garcia (Madrid, Spain)

Diagnosing infection in 2016 - Best practices **16:00**
Speaker: José Artur Paiva (Porto, Portugal)

Discussion **16:15**

When and how to use biomarkers? **16:20**
Speaker: Pedro Povoá (Lisbon, Portugal)

Discussion **16:35**

Should we use combination therapy in septic shock? **16:40**
Speaker: Claude Martin (Marseille, France)

Discussion **16:55**

Antibiotic use in extracorporeal techniques **17:00**
Speaker: Jason Roberts (Brisbane, Australia)

Discussion **17:15**

Antibiotic therapy: Shorter or longer courses? **17:20**
Speaker: Jean-Ralph Zahar (Angers, France)

Discussion **17:35**

Is antibiotic de-escalation a fallacy? **17:40**
Speaker: Jan De Waele (Ghent, Belgium)

Discussion **17:55**

Industry Sponsored Session
18:15 - 19:15

Athens

INDUSTRY SPONSORED SESSION

Scientific Programme

Tuesday, 04 October 2016

Thematic Session
08:30 - 09:30

Milan

TRACHEOSTOMY IN THE ICU

Chair: Claude Guérin (Lyon, France)
Chair: Michael Quintel (Göttingen, Germany)

Timing matters

Speaker: Niall Ferguson (Toronto, Canada)

08:30

Discussion

08:45

Timing does not matter

Speaker: Paolo Pelosi (Genova, Italy)

08:50

Discussion

09:05

My patient is tracheostomized. What's next?

Speaker: Massimo Antonelli (Rome, Italy)

09:10

Discussion

09:25

Thematic Session
08:30 - 09:30

Berlin

QUALITY IMPROVEMENT IN SEPSIS MANAGEMENT

Chair: Yasser Sakr (Jena, Germany)
Chair: Didier Payen (Paris, France)

Sepsis quality improvement in the USA: What made it happen ?

Speaker: Mitchell Levy (Providence, United States)

08:30

Discussion

08:45

Barriers to change - lessons from the MEDUSA initiative

Speaker: Konrad Reinhart (Jena, Germany)

08:50

Discussion

09:05

Challenges in resource-poor settings

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

09:10

Discussion

09:25

Scientific Programme

Thematic Session
08:30 - 09:30

Vienna

VIRAL INFECTIONS IN CRITICALLY ILL PATIENTS - TIME FOR A REAPPRAISAL?

Chair: José Artur Paiva (Porto, Portugal)
Chair: José Garnacho Montero (Seville, Spain)

Neurological complications in Zika virus infection **08:30**
Speaker: Fernando Bozza (Rio de Janeiro, Brazil)

Discussion **08:45**

Influenza challenge in the ICU **08:50**
Speaker: Paula Ramirez (Valencia, Spain)

Discussion **09:05**

Herpes virus reactivation in the ventilated patient **09:10**
Speaker: Olaf Cremer (Utrecht, Netherlands)

Discussion **09:25**

Thematic Session
08:30 - 09:30

Lisbon

ICM: YEAR IN REVIEW 2

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

ARDS **08:30**
Speaker: Laurent Papazian (Marseille, France)

Discussion **08:45**

Ethics **08:48**
Speaker: J. Randall Curtis (Seattle, United States)

Discussion **09:03**

Neurology **09:06**
Speaker: Martin Smith (London, United Kingdom)

Discussion **09:21**

The three best 2015 ICM papers **09:24**
Speaker: Elie Azoulay (Paris, France)

Clinical Challenges Session
08:40 - 09:30

Amsterdam

HOW DO I CHOOSE EMPIRIC ANTIBIOTICS IN PATIENTS WITH SEPSIS?

Chair: Jan Bakker (Rotterdam, Netherlands)

Scientific Programme

Presentation

Speaker: Richard Beale (London, United Kingdom)

Clinical Challenges Session
08:40 - 09:30

Athens

HOW DO I TREAT PERIOPERATIVE RIGHT HEART FAILURE?

Chair: Alain Vuylsteke (London, United Kingdom)

Presentation

Speaker: Sascha Treskatsch (Berlin, Germany)

Clinical Challenges Session
08:40 - 09:30

Barcelona

HOW DO I USE STEROIDS IN THE ICU?

Chair: Jozef Kesecioglu (Utrecht, Netherlands)

Presentation

Speaker: Mervyn Mer (Johannesburg, South Africa)

Clinical Challenges Session
08:40 - 09:30

Geneva

HOW DO I RATIONALISE ANTIMICROBIAL USE AND OPTIMISE OUTCOME IN SEVERE ABDOMINAL INFECTIONS?

Chair: Jan De Waele (Ghent, Belgium)

Presentation

Speaker: Philippe Montravers (Paris, France)

Clinical Challenges Session
08:40 - 09:30

Glasgow

HOW DO I IMPLEMENT WITHDRAWAL OF TREATMENT?

Chair: Julie Benbenishty (Jerusalem, Israel)

Presentation

Speaker: Bara Ricou Arita (Geneva, Switzerland)

Scientific Programme

Thematic Session
11:00 - 12:00

Milan

ANTIMICROBIAL RESISTANCE: A GLOBAL CHALLENGE

Chair: Christian Brun-Buisson (Créteil, France)
Chair: Martin Dünser (Salzburg, Austria)

Global epidemiology of antimicrobial resistance 11:00

Speaker: Mervyn Mer (Johannesburg, South Africa)

Discussion 11:15

Does antimicrobial resistance affect mortality in the critically ill? 11:20

Speaker: Matteo Bassetti (Udine, Italy)

Discussion 11:35

The WAAAR initiative against antimicrobial resistance 11:40

Speaker: Jean Carlet (Paris, France)

Discussion 11:55

Thematic Session
11:00 - 12:00

Berlin

NON-INVASIVE MONITORING OF BRAIN FUNCTION: FANCY TOOLS OR DEVICES OF THE FUTURE?

Chair: Geert Meyfroidt (Leuven, Belgium)
Chair: Thomas Geeraerts (Toulouse, France)

Automated infrared pupillometry 11:00

Speaker: Mauro Oddo (Lausanne, Switzerland)

Discussion 11:15

Non-invasive assessment of cerebral oxygenation 11:20

Speaker: Pierre Bouzat (Grenoble, France)

Discussion 11:35

Quantitative EEG: Ready for use by general intensivists? 11:40

Discussion 11:55

Thematic Session
11:00 - 12:00

Vienna

PAIN MANAGEMENT IN THE ICU

Chair: Claudia Spies (Berlin, Germany)
Chair: Arjen Slooter (Utrecht, Netherlands)

How can we measure pain? From analogue scales to technical gadget 11:00

Speaker: Curtis Sessler (Richmond, United States)

Scientific Programme

Discussion 11:15

The role of NSAIDs on the ICU 11:20

Speaker: Claudia Spies (Berlin, Germany)

Discussion 11:35

Pain - Stress - Delirium: How to avoid the vicious circle 11:40

Speaker: Hannah Wunsch (Toronto, Canada)

Discussion 11:55

Clinical Challenges Session
11:00 - 11:50

Amsterdam

HOW DO I MANAGE THE PATIENT FIGHTING THE VENTILATOR?

Chair: Jean-Michel Constantin (Clermont-Ferrand, France)

Presentation

Speaker: Jordi Mancebo Cortes (Barcelona, Spain)

Clinical Challenges Session
11:00 - 11:50

Athens

HOW DO I GET INFORMATION FROM ECHOCARDIOGRAPHY FOR MANAGING A PATIENT WITH SEPTIC SHOCK?

Chair: Alexandre Mebazaa (Paris, France)

Presentation

Speaker: Xavier Monnet (Kremlin-Bicetre, France)

Clinical Challenges Session
11:00 - 11:50

Barcelona

HOW DO I MANAGE BLOOD PRESSURE IN NEUROCRITICAL CARE?

Chair: Jose Suarez (Houston, United States)

Presentation

Speaker: Fabio Silvio Taccone (Brussels, Belgium)

Clinical Challenges Session
11:00 - 11:50

Glasgow

HOW DO I DECIDE TO ADMIT THIS 87 YEAR OLD PATIENT TO THE ICU?

Chair: Bertrand Guidet (Paris, France)

Scientific Programme

Presentation

Speaker: Hans Flaatten (Bergen, Norway)

Thematic Session

11:00 - 12:00

Lisbon

AKI & LIVER FAILURE

Chair: Carole Ichai (Nice, France)

Chair: Jean-Louis Vincent (Brussels, Belgium)

Pathophysiology of Haepatorenal Syndrome

11:00

Speaker: Julia Wendon (London, United Kingdom)

Discussion

11:15

Diagnosis of AKI in patients with liver failure

11:20

Speaker: Lionel Velly (Marseille, France)

Discussion

11:35

Prevention & treatment

11:40

Speaker: Jan Wernerman (Stockholm, Sweden)

Discussion

11:55

Thematic Session

11:00 - 12:00

Paris

THOUGHTS MATTER - THOUGHTS SHAPE OUR ACTIONS

Chair: Andrej Michalsen (Tettnang, Germany)

Chair: Diederik van Dijk (Utrecht, Netherlands)

Allocation of resources: A reasonable quest for fairness?

11:00

Speaker: Bob Truog (Boston, United States)

Discussion

11:15

Survival: an adequate quality indicator for the survivors?

11:20

Speaker: Diederik van Dijk (Utrecht, Netherlands)

Discussion

11:35

Death: a failure of the health care team?

11:40

Speaker: Andrej Michalsen (Tettnang, Germany)

Discussion

11:55

Scientific Programme

Postgraduate Course
11:00 - 12:30

NEXT Lounge

NEXT LOUNGE - RESEARCH WORKSHOP

Chair: Peter Schellongowski (Vienna, Austria)

Workshop 2 - Critical literature appraisal

11:00

Speaker: Massimo Antonelli (Rome, Italy)

Speaker: Howard Bauchner (Boston, United States)

Publishing your work

12:00

Speaker: Howard Bauchner (Boston, United States)

Industry Sponsored Session
12:30 - 14:00

Paris

INDUSTRY SPONSORED SESSION

Thematic Session
14:15 - 15:45

Milan

CENTRAL VENOUS CATHETER IN THE ICU

Chair: Maurizio Cecconi (London, United Kingdom)

Chair: Antoine Vieillard-Baron (Boulogne, France)

Ultrasound guided central venous cannulation: Questions and answers

14:15

Speaker: Bernd Saugel (Hamburg, Germany)

Discussion

14:30

CVP measurements issues

14:33

Speaker: Sheldon Magder (Montreal, Canada)

Discussion

14:48

CVP interpretation issues

14:51

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

Discussion

15:06

Can ScvO₂ replace SvO₂?

15:09

Speaker: Thomas Scheeren (Groningen, Netherlands)

Discussion

15:24

PCO₂ gap: How to use?

15:27

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

Discussion

15:42

Scientific Programme

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

Berlin

PATHOPHYSIOLOGY OF SEPSIS

Chair: Steve Hollenberg (Camden, United States)
Chair: Bernd Böttiger (Köln, Germany)

Host-pathogen interactions **14:15**

Speaker: Michael Bauer (Jena, Germany)

Discussion **14:30**

Heart dysfunction **14:33**

Speaker: Ricard Ferrer Roca (Barcelona, Spain)

Discussion **14:48**

Vascular failure **14:51**

Speaker: Can Ince (Amsterdam, Netherlands)

Discussion **15:06**

Kidney failure **15:09**

Speaker: Mervyn Singer (London, United Kingdom)

Discussion **15:24**

Hepatic failure **15:27**

Speaker: Steve Hollenberg (Camden, United States)

Discussion **15:42**

Thematic Session
14:15 - 15:45

Amsterdam

THERE WILL BE BLOOD

Chair: Christian Von Heymann (Berlin, Germany)
Chair: Mervyn Mer (Johannesburg, South Africa)

Pathophysiology of major haemorrhage in the ER/ICU **14:15**

Speaker: Marc Leone (Marseille, France)

Discussion **14:30**

When and how to substitute fibrinogen in bleeding patients **14:33**

Speaker: Daniel Reuter (Hamburg, Germany)

Discussion **14:48**

Fresh frozen plasma or Prothrombin complex concentrates - show me the evidence **14:51**

Speaker: Bernardo Bollen Pinto (Geneva, Switzerland)

Discussion **15:06**

New oral anticoagulants in the ER/ ICU - how to manage bleeding **15:09**

Speaker: Christian Von Heymann (Berlin, Germany)

Scientific Programme

Discussion 15:24

Point of care coagulation tests - an evidence based approach or an unnecessary toy 15:27

Speaker: Dietmar Fries (Innsbruck, Austria)

Discussion 15:42

Thematic Session

14:15 - 15:45

Athens

AKI: A GIFT THAT KEEPS ON GIVING

Chair: Matthieu Legrand (Paris, France)

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

Epidemiology and outcomes of AKI in the ICU 14:15

Speaker: Eric Hoste (Ghent, Belgium)

Discussion 14:30

Acute kidney disease: What is it? 14:33

Speaker: Thomas Rimmelé (Lyon, France)

Discussion 14:48

How do we define recovery from AKI? 14:51

Speaker: Michael Darmon (Saint-Etienne, France)

Discussion 15:06

The long term sequelae of AKI 15:09

Speaker: Lui Forni (Surrey, United Kingdom)

Discussion 15:24

Can we improve recovery from AKI 15:27

Speaker: Marlies Ostermann (London, United Kingdom)

Discussion 15:42

State of the Art Session

14:15 - 15:45

Barcelona

METABOLOMICS, LIPIDOMICS AND THE MICROBIOME

Chair: Jean-Charles Preiser (Brussels, Belgium)

Chair: Jan Wernerman (Stockholm, Sweden)

Omics the basics 14:15

Speaker: Karin Amrein (Graz, Austria)

Discussion 14:30

Nutritional metabolomics 14:33

Speaker: Christopher Kenneth (Boston, United States)

Scientific Programme

Discussion	14:48
Oxidative lipidomics	14:51
Speaker: Olav Rooyackers (Stockholm, Sweden)	
Discussion	15:06
Gut microbiome and host defense	15:09
Speaker: Christian Brun-Buisson (Créteil, France)	
Discussion	15:24
Genomics personalised	15:27
Speaker: Jean-Daniel Chiche (Paris, France)	
Discussion	15:42
State of the Art Session 14:15 - 15:45	Geneva
MEDICAL EMERGENCY TEAM REVISED 2016	
Chair: Francesca Rubulotta (London, United Kingdom) Chair: Christina Agvald-Öhman (Stockholm, Sweden)	
Do we have more data on evidence?	14:15
Speaker: Jon Laake (Oslo, Norway)	
Discussion	14:30
Identifying deteriorating patients outside the ICU?	14:33
Speaker: Christina Agvald-Öhman (Stockholm, Sweden)	
Discussion	14:48
The variations of scores and systems	14:51
Speaker: Ken Hillman (Sydney, Australia)	
Discussion	15:06
The spread in Europe	15:09
Speaker: Francesca Rubulotta (London, United Kingdom)	
Discussion	15:24
Is it effective in all health care systems?	15:27
Speaker: Julian Bion (Birmingham, United Kingdom)	
Discussion	15:42

Scientific Programme

Continuous Professional Education Session
14:15 - 15:45

Glasgow

FUNDAMENTALS OF NEUROIMAGING FOR THE INTENSIVIST

Chair: Giuseppe Citerio (Monza, Italy)
Chair: Claude Hemphill (San Francisco, United States)

Brain CT to guide the management of TBI **14:15**
Speaker: Peter LeRoux (Philadelphia, United States)

Discussion **14:30**

Brain CT to guide the management of intracerebral haemorrhage **14:33**
Speaker: Claude Hemphill (San Francisco, United States)

Discussion **14:48**

Utility of brain ultrasound in neurocritical care **14:51**
Speaker: Thomas Geeraerts (Toulouse, France)

Discussion **15:06**

Brain imaging to detect cerebral ischaemia **15:09**
Speaker: Romergriko Geocadin (Baltimore, United States)

Discussion **15:24**

MRI for prognostication: Pros and cons **15:27**
Speaker: David Menon (Cambridge, United Kingdom)

Discussion **15:42**

Continuous Professional Education Session
14:15 - 15:45

Lisbon

MANAGING FUNGAL INFECTIONS

Chair: Matteo Bassetti (Udine, Italy)
Chair: Philippe Montravers (Paris, France)

Dosing antifungals in the critically ill **14:15**
Speaker: Jason Roberts (Brisbane, Australia)

Discussion **14:30**

Biomarkers in fungal infections **14:33**
Speaker: Philippe Eggimann (Lausanne, Switzerland)

Discussion **14:48**

Colonisation or infection - How to differentiate? **14:51**
Speaker: José Garnacho Montero (Seville, Spain)

Discussion **15:06**

Combination therapy for aspergillosis - When and how? **15:09**
Speaker: George Dimopoulos (Athens, Greece)

Scientific Programme

Discussion 15:24

Invasive candidiasis - Key elements in therapy 15:27

Speaker: José Artur Paiva (Porto, Portugal)

Discussion 15:42

Thematic Session

16:00 - 18:00

Berlin

UPDATE OF FLUID MANAGEMENT IN SEPSIS AND CRITICALLY ILL

Chair: Stefan Kluge (Hamburg, Germany)

Chair: Ignacio Martin-Loeches (Dublin, Ireland)

The current practice worldwide 16:00

Speaker: Antonio Artigas (Barcelona, Spain)

Discussion 16:15

Wet versus dry 16:20

Speaker: Stefan Kluge (Hamburg, Germany)

Discussion 16:35

Are gelatins an alternative to starches ? 16:40

Speaker: Anders Perner (Copenhagen, Denmark)

Discussion 16:55

Is there a place for colloids? 17:00

Speaker: Bernd Böttiger (Köln, Germany)

Discussion 17:15

Balanced crystalloid versus saline 17:20

Speaker: Mervyn Singer (London, United Kingdom)

Discussion 17:35

What is the role of human albumin? 17:40

Speaker: Luciano Gattinoni (Milan, Italy)

Discussion 17:55

State of the Art Session

16:00 - 18:00

Vienna

EXTRA-CORPOREAL LIFE SUPPORT IN ACUTE RESPIRATORY FAILURE

Chair: Antonio Pesenti (Monza, Italy)

Chair: Alain Mercat (Angers, France)

Physiology of oxygenation and CO2 removal under ECLS 16:00

Speaker: Luciano Gattinoni (Milan, Italy)

Scientific Programme

Discussion	16:15
For COPD exacerbations	16:20
Speaker: Jean-Luc Diehl (Paris, France)	
Discussion	16:35
As a bridge to lung transplant	16:40
Speaker: Marco Ranieri (Rome, Italy)	
Discussion	16:55
In severe ARDS: when and how?	17:00
Speaker: Antonio Pesenti (Monza, Italy)	
Discussion	17:15
Should it be limited to a few centers?	17:20
Speaker: Alain Combes (Paris, France)	
Discussion	17:35
Transferring the patients under ECLS	17:40
Speaker: Dirk Donker (Utrecht, Netherlands)	
Discussion	17:55
Thematic Session 16:00 - 18:00	Athens
BRAIN INJURY AND METABOLIC CONSEQUENCES	
Chair: Maurizio Cecconi (London, United Kingdom) Chair: Carole Ichai (Nice, France)	
Hyperoxia and brain injury	16:00
Speaker: Hervé Quintard (Nice, France)	
Discussion	16:15
Monitoring of cerebral oxygenation	16:20
Speaker: Lionel Velly (Marseille, France)	
Discussion	16:35
Glucose metabolism after brain injury	16:40
Speaker: Pierre Bouzat (Grenoble, France)	
Discussion	16:55
Lactate: a good fuel for brain injury	17:00
Speaker: Carole Ichai (Nice, France)	
Discussion	17:15
Cerebral microdialysis for monitoring brain metabolism	17:20
Speaker: Nino Stocchetti (Milan, Italy)	

Scientific Programme

Discussion	17:35
Cerebral consequences of hypothermia	17:40
Speaker: Hervé Quintard (Nice, France)	
Discussion	17:55

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

Barcelona

PERIOPERATIVE ICU TREATMENT

Chair: Salvatore Maggiore (Rome, Italy)
Chair: Ben Creagh-Brown (Guildford, United Kingdom)

Who should be admitted to the ICU after surgery?	16:00
Speaker: Rupert Pearse (London, United Kingdom)	
Discussion	16:15
EGDT septic shock and GDT perioperative: Lessons to be learned	16:20
Speaker: Michael Sander (Giessen, Germany)	
Discussion	16:35
Routine NIV / CPAP after surgery?	16:40
Speaker: Salvatore Maggiore (Rome, Italy)	
Discussion	16:55
Antibiotic prophylaxis and resistance - what is state of the art?	17:00
Speaker: Alain Vuylsteke (London, United Kingdom)	
Discussion	17:15
Transfusion triggers in perioperative patients	17:20
Speaker: Ib Jammer (Bergen, Norway)	
Discussion	17:35
Preventing respiratory mishaps during sedation and analgesia in the postoperative period	17:40
Speaker: Ben Creagh-Brown (Guildford, United Kingdom)	
Discussion	17:55

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

Geneva

HOW DO I PROTECT MY PATIENT'S KIDNEYS?

Chair: Marlies Ostermann (London, United Kingdom)
Chair: John Prowle (London, United Kingdom)

Scientific Programme

Do I give fluids?	16:00
Speaker: Ville Pettilä (Helsinki, Finland)	
Discussion	16:15
Which fluids?	16:20
Speaker: Max Bell (Stockholm, Sweden)	
Discussion	16:35
Which vasopressors?	16:40
Speaker: Catherine Bouman (Amsterdam, Netherlands)	
Discussion	16:55
Antioxidants and statins	17:00
Speaker: Lui Forni (Surrey, United Kingdom)	
Discussion	17:15
Which drugs to give?	17:20
Speaker: Miet Schetz (Leuven, Belgium)	
Discussion	17:35
Which drugs to avoid?	17:40
Speaker: Michael Darmon (Saint-Etienne, France)	
Discussion	17:55

Continuous Professional Education Session
16:00 - 18:00

Glasgow

SEVERE CHEST TRAUMA

Chair: Claudio Sandroni (Rome, Italy)
Chair: Kjetil Sunde (Oslo, Norway)

Ventilation strategies	16:00
Speaker: Marcus Schultz (Amsterdam, Netherlands)	
Discussion	16:15
ECMO: Challenges in trauma patients	16:20
Speaker: Dirk Donker (Utrecht, Netherlands)	
Discussion	16:35
Challenges of managing combined chest and brain trauma	16:40
Speaker: Mauro Oddo (Lausanne, Switzerland)	
Discussion	16:55
Managing tracheobronchial injuries	17:00
Speaker: Marc Leone (Marseille, France)	
Discussion	17:15

Scientific Programme

Aortic trauma: Diagnosis and management 17:20
Speaker: Sophie Hamada (Paris, France)

Discussion 17:35

Cardiac trauma 17:40
Speaker: David Lockey (Bristol, United Kingdom)

Discussion 17:55

Continuous Professional Education Session
16:00 - 18:00

Lisbon

PERIOPERATIVE CARE FOR THE CARDIOTHORACIC PATIENT

Chair: Diederik van Dijk (Utrecht, Netherlands)
Chair: Gavin Murphy (Leicester, United Kingdom)

Long term outcome after Cardiothoracic Surgery 16:00
Speaker: Daniel Reuter (Hamburg, Germany)

Discussion 16:15

Management of Delirium after Cardiothoracic Surgery 16:20
Speaker: Arjen Slooter (Utrecht, Netherlands)

Discussion 16:35

Transfusion triggers in cardiothoracic ICU patients - How low is too low? 16:40
Speaker: Gavin Murphy (Leicester, United Kingdom)

Discussion 16:55

Coagulation management - between bleeding and thrombosis 17:00
Speaker: Matthias Wolff (Giessen, Germany)

Discussion 17:15

Fluid replacement in Cardiothoracic ICUs - Crystalloids, Colloids and Albumin? 17:20
Speaker: Michael Sander (Giessen, Germany)

Discussion 17:35

Antibiotic prophylaxis in ECLS after cardiothoracic surgery 17:40
Speaker: Alain Vuylsteke (London, United Kingdom)

Discussion 17:55

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

Paris

HOTTEST TOPICS FOR N&AHP 2016

Chair: Stijn Blot (Ghent, Belgium)
Chair: Bara Ricou Arita (Geneva, Switzerland)

Scientific Programme

Legal implications for practice - Are we aware?	16:00
Speaker: Deborah Dawson (London, United Kingdom)	
Discussion	16:15
Antibiotic delivery: Time for a re-evaluation	16:20
Speaker: David McWilliams (Birmingham, United Kingdom)	
Discussion	16:35
The ICU gym - solution to rehab?	16:40
Speaker: Sarah Gregory (Guildford, United Kingdom)	
Discussion	16:55
Changing workforce landscape: Eyes on the horizon?	17:00
Speaker: Ruth Endacott (Plymouth, United Kingdom)	
Discussion	17:15
Value based caring - What's in a name?	17:20
Speaker: Stijn Blot (Ghent, Belgium)	
Discussion	17:35
Children visitors in ICU	17:40
Speaker: Jos Latour (Plymouth, United Kingdom)	
Discussion	17:55

Scientific Programme

Wednesday, 05 October 2016

Thematic Session
08:30 - 10:00

Milan

RESPIRATORY MONITORING TO GUIDE TREATMENT

Chair: Giacomo Bellani (Monza, Italy)
Chair: Niall Ferguson (Toronto, Canada)

Patient ventilator interaction: relevant to outcome? **08:30**
Speaker: Jordi Mancebo Cortes (Barcelona, Spain)

Discussion **08:45**

Esophageal pressure: different approaches, different results! **08:48**
Speaker: Laurent Brochard (Toronto, Canada)

Discussion **09:03**

We need more imaging! **09:06**
Speaker: Anders Larsson (Uppsala, Sweden)

Discussion **09:21**

Dead space is still alive! **09:24**
Speaker: Alain Mercat (Angers, France)

Discussion **09:39**

End-expiratory lung volume: myth or reality? **09:42**
Speaker: Luciano Gattinoni (Milan, Italy)

Discussion **09:57**

Thematic Session
08:30 - 10:00

Berlin

OLD AND NEW ANTIMICROBIALS FOR SEVERE INFECTIONS

Chair: Jean Carlet (Paris, France)
Chair: Jason Roberts (Brisbane, Australia)

New beta-lactamase inhibitor combinations **08:30**
Speaker: Jean-François Timsit (Paris, France)

Discussion **08:45**

Broad spectrum cephalosporins **08:48**
Speaker: Matteo Bassetti (Udine, Italy)

Discussion **09:03**

New aminoglycosides **09:06**
Speaker: Jean Chastre (Paris, France)

Scientific Programme

Discussion	09:21
Phosphomycin rediscovered	09:24
Speaker: George Dimopoulos (Athens, Greece)	
Discussion	09:39
Colistin use in 2016	09:42
Speaker: José Garnacho Montero (Seville, Spain)	
Discussion	09:57

Thematic Session
08:30 - 10:00

Amsterdam

ACCELERATING RECOVERY FROM BRAIN INJURY

Chair: Nicola Latronico (Brescia, Italy)
Chair: David Menon (Cambridge, United Kingdom)

Weaning from mechanical ventilation in neurointensive care	08:30
Speaker: Paolo Pelosi (Genova, Italy)	
Discussion	08:45
Pathophysiology and management of agitation in the neurocritical care patients	08:48
Speaker: Nicola Latronico (Brescia, Italy)	
Discussion	09:03
Dysphagia in neurocritical patients: Monitoring and treatment	09:06
Speaker: Raimund Helbok (Innsbruck, Austria)	
Discussion	09:21
Early rehabilitation of neurocritical patients	09:24
Speaker: Jean-François Payen (Grenoble, France)	
Discussion	09:39
Any role for beta-blockers?	09:42
Speaker: Fabio Silvio Taccone (Brussels, Belgium)	
Discussion	09:57

Thematic Session
08:30 - 10:00

Athens

CARING FOR THE PATIENT WITH MULTIPLE INJURIES

Chair: Martin Dünser (Salzburg, Austria)
Chair: Matthieu Legrand (Paris, France)

The pre-hospital phase	08:30
Speaker: David Lockey (Bristol, United Kingdom)	

Scientific Programme

Discussion	08:45
Haemorrhage control	08:48
Speaker: Kjetil Sunde (Oslo, Norway)	
Discussion	09:03
The patient with combined chest and abdominal injuries	09:06
Speaker: Marc Leone (Marseille, France)	
Discussion	09:21
The patient with TBI and severe haemorrhage	09:24
Speaker: Jacques Duranteau (Kremlin-Bicetre, France)	
Discussion	09:39
Severe pelvic trauma: what the intensivist needs to know	09:42
Speaker: Sophie Hamada (Paris, France)	
Discussion	09:57

Thematic Session
08:30 - 10:00

Barcelona

ORGAN CROSS TALK - ORGAN CROSS DAMAGE

Chair: Claudia Spies (Berlin, Germany)
Chair: Stephan Mayer (New York, United States)

Sedation and the cardiovascular system	08:30
Speaker: Jukka Takala (Bern, Switzerland)	
Discussion	08:45
Heart and opioids	08:48
Speaker: Sascha Treskatsch (Berlin, Germany)	
Discussion	09:03
Immune (dys-) function due to modification of neuronal networks	09:06
Speaker: Praktik Pandharipande (Nashville, United States)	
Discussion	09:21
The vagal axis and ventilation	09:24
Speaker: Steffen Weber-Carstens (Berlin, Germany)	
Discussion	09:39
Gut feeling - what function does the brain have?	09:42
Speaker: Stephan Mayer (New York, United States)	
Discussion	09:57

Scientific Programme

Thematic Session
08:30 - 10:00

Geneva

METABOLIC IMPACT OF REGIONAL CITRATE ANTICOAGULATION

Chair: Lui Forni (Surrey, United Kingdom)
Chair: Armand Girbes (Amsterdam, Netherlands)

How does it work?	08:30
Speaker: Heleen Oudemans-van Straaten (Amsterdam, Netherlands)	
Discussion	08:45
Impact on acid-base equilibrium	08:48
Speaker: Carole Ichai (Nice, France)	
Discussion	09:03
Pharmacological impact	09:06
Speaker: Olivier Joannes-Boyau (Pessac, France)	
Discussion	09:21
Liver failure: a contra-indication?	09:24
Speaker: Julia Wendon (London, United Kingdom)	
Discussion	09:39
Practical management	09:42
Speaker: Lionel Velly (Marseille, France)	
Discussion	09:57

Thematic Session
08:30 - 10:00

Glasgow

WHEN LESS IS MORE

Chair: Maurizio Cecconi (London, United Kingdom)
Chair: Victoria Metaxa (London, United Kingdom)

Proper communication - Less transfusion	08:30
Discussion	08:45
Less sedation - Less confusion	08:48
Speaker: Bara Ricou Arita (Geneva, Switzerland)	
Discussion	09:03
Less disproportionate care	09:06
Speaker: Dominique Benoit (Ghent, Belgium)	
Discussion	09:21
Less professional despair	09:24
Speaker: Victoria Metaxa (London, United Kingdom)	
Discussion	09:39

Scientific Programme

Guidelines are there - Less to declare	09:42
Speaker: Doug White (Pittsburgh, United States)	
Discussion	09:57
Thematic Session 08:30 - 10:00	Lisbon
DIAGNOSTIC ERRORS	
Chair: Andreas Valentin (Schwarzach, Austria) Chair: Rui Paulo Moreno (Lisbon, Portugal)	
What do we mean?	08:30
Speaker: Hans Flaatten (Bergen, Norway)	
Discussion	08:45
Epidemiology & occurrence	08:48
Speaker: Andreas Valentin (Schwarzach, Austria)	
Discussion	09:03
Consequences	09:06
Speaker: Rui Paulo Moreno (Lisbon, Portugal)	
Discussion	09:21
How to report?	09:24
Speaker: Peter van der Voort (Amsterdam, Netherlands)	
Discussion	09:39
Prevention	09:42
Discussion	09:57
Thematic Session 08:30 - 10:00	Paris
SHOCK - REVISITED	
Chair: Sonia Labeau (Ghent, Belgium) Chair: Dani Martí Romeu (Barcelona, Spain)	
Sepsis - What's new?	08:30
Speaker: Carole Boulanger (Exeter, United Kingdom)	
Discussion	08:45
Haemodynamics explained: A framework on determinants of ABP	08:48
Speaker: Stijn Blot (Ghent, Belgium)	
Discussion	09:03

Scientific Programme

Invasive vs non-invasive CO monitoring techniques: Impact for the nurse at the bedside	09:06
Speaker: Elsa P. Afonso (Cambridge, United Kingdom)	
Discussion	09:21
Nurse led protocols for the high risk surgical patients	09:24
Speaker: Deborah Dawson (London, United Kingdom)	
Discussion	09:39
Nursing approach to cardiogenic shock	09:42
Speaker: Silvia Calvino Günther (Grenoble, France)	
Discussion	09:57

Postgraduate Course
11:50 - 12:50

NEXT Lounge

NEXT LOUNGE - RESEARCH STUDIES

Chair: Katie Lane (London, United Kingdom)
Chair: Peter Schellongowski (Vienna, Austria)
Chair: Jacques Duranteau (Kremlin-Bicetre, France)
Chair: Jean-Louis Vincent (Brussels, Belgium)
Chair: Jean-Daniel Chiche (Paris, France)
Chair: Howard Bauchner (Boston, United States)

Study presentation by participants

Thematic Session
12:00 - 14:00

Milan

INDIVIDUALISING HAEMODYNAMIC MONITORING

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

... in the ICU?	12:00
Speaker: Xavier Monnet (Kremlin-Bicetre, France)	
Discussion	12:15
...in the OR?	12:20
Speaker: Pierre Squara (Neuilly-sur-Seine, France)	
Discussion	12:35
...in the ER?	12:40
Speaker: Maurizio Cecconi (London, United Kingdom)	
Discussion	12:55
Cardiac output monitoring: Invasive or non-invasive	13:00
Speaker: Bernd Saugel (Hamburg, Germany)	

Scientific Programme

Discussion	13:15
The limited benefits of cardiac output monitoring	13:20
Speaker: Azriel Perel (Tel Aviv, Israel)	
Discussion	13:35
The future of haemodynamic monitoring	13:40
Speaker: Frederic Michard (Lausanne, Switzerland)	
Discussion	13:55
Thematic Session 12:00 - 14:00	Vienna
THE GASTROINTESTINAL TRACT AND SEPSIS	
Chair: Mette Berger (Lausanne, Switzerland) Chair: Jozef Kesecioglu (Utrecht, Netherlands)	
Does the route of feeding alter the risk of infection?	12:00
Speaker: Jan Wernerman (Stockholm, Sweden)	
Discussion	12:15
Acid suppression and the risk of nosocomial infection	12:20
Speaker: Adam Deane (Adelaide, Australia)	
Discussion	12:35
Bacterial translocation and secondary sepsis: How to diagnose and how to manage?	12:40
Speaker: Jean-Charles Preiser (Brussels, Belgium)	
Discussion	12:55
Management of severe colitis	13:00
Speaker: Catherine Bouman (Amsterdam, Netherlands)	
Discussion	13:15
Antibiotic therapy in intra-abdominal infections: Pitfalls	13:20
Speaker: Jan De Waele (Ghent, Belgium)	
Discussion	13:35
Feeding of patients with intra-abdominal infections	13:40
Speaker: Danielle E. Bear (London, United Kingdom)	
Discussion	13:55

Scientific Programme

Thematic Session
12:00 - 14:00

Amsterdam

HOSPITAL ACQUIRED AND VENTILATOR ASSOCIATED PNEUMONIA

Chair: Despoina Koulenti (Brisbane, Australia)
Chair: Jean-François Timsit (Paris, France)

Defining pneumonia in critical care	12:00
Speaker: Jean Chastre (Paris, France)	
Discussion	12:15
The role of viruses in the pathogenesis of nosocomial pneumonia	12:20
Speaker: Olaf Cremer (Utrecht, Netherlands)	
Discussion	12:35
Current evidence in VAP prevention	12:40
Speaker: Despoina Koulenti (Brisbane, Australia)	
Discussion	12:55
Controversies in VAP diagnosis	13:00
Speaker: Pieter Depuydt (Gent, Belgium)	
Discussion	13:15
Basic rules for avoiding antibiotic overuse	13:20
Speaker: Christian Brun-Buisson (Créteil, France)	
Discussion	13:35
Updated guidelines - what is new?	13:40
Speaker: Jean-François Timsit (Paris, France)	
Discussion	13:55

Thematic Session
12:00 - 14:00

Athens

THE SPONTANEOUSLY BREATHING PATIENT

Chair: John Laffey (Toronto, Canada)
Chair: Samir Jaber (Montpellier, France)

Spontaneous breathing is very good!	12:00
Speaker: Alain Mercat (Angers, France)	
Discussion	12:15
Spontaneous breathing is dangerous!	12:20
Speaker: Antonio Pesenti (Monza, Italy)	
Discussion	12:35
Which pressures should we monitor?	12:40
Speaker: Claude Guérin (Lyon, France)	

Scientific Programme

Discussion	12:55
Monitoring by electromyography	13:00
Speaker: Giacomo Bellani (Monza, Italy)	
Discussion	13:15
Monitoring by ultrasounds	13:20
Speaker: Niall Ferguson (Toronto, Canada)	
Discussion	13:35
Implications for the heart	13:40
Speaker: Jukka Takala (Bern, Switzerland)	
Discussion	13:55
Thematic Session 12:00 - 14:00	Barcelona
AKI AS A SYSTEMIC DISEASE	
Chair: Lui Forni (Surrey, United Kingdom) Chair: Thomas Rimmelé (Lyon, France)	
AKI & the Lung	12:00
Speaker: Michael Joannidis (Innsbruck, Austria)	
Discussion	12:15
AKI & the Gut	12:20
Speaker: John Prowle (London, United Kingdom)	
Discussion	12:35
AKI & the Liver	12:40
Speaker: Max Bell (Stockholm, Sweden)	
Discussion	12:55
AKI & the Heart	13:00
Speaker: Matthieu Legrand (Paris, France)	
Discussion	13:15
AKI & the Brain	13:20
Speaker: Claudio Ronco (Vicenza, Italy)	
Discussion	13:35
AKI & Systemic Inflammation	13:40
Speaker: Didier Payen (Paris, France)	
Discussion	13:55

Scientific Programme

Thematic Session
12:00 - 14:00

Geneva

ICP MONITORING: SHOULD WE CHANGE OUR PRACTICE?

Chair: Mauro Oddo (Lausanne, Switzerland)
Chair: Fabio Silvio Taccone (Brussels, Belgium)

Do we really need ICP? A critical appraisal of the available data 12:00
Speaker: Giuseppe Citerio (Monza, Italy)

Discussion 12:15

ICP thresholds: Fixed, flexible or uncertain? 12:20
Speaker: Geert Meyfroidt (Leuven, Belgium)

Discussion 12:35

Non-invasive ICP as a valid alternative 12:40
Speaker: Jean-François Payen (Grenoble, France)

Discussion 12:55

Can we reach a consensus for ICP monitoring in TBI patients? 13:00
Speaker: Nino Stocchetti (Milan, Italy)

Discussion 13:15

ICP monitoring in non-TBI patients 13:20
Speaker: Raimund Helbok (Innsbruck, Austria)

Discussion 13:35

ICP as part of multimodal monitoring approach 13:40
Speaker: Claude Hemphill (San Francisco, United States)

Discussion 13:55

Thematic Session
12:00 - 14:00

Glasgow

TELEMEDICINE IN THE ICU: WHAT, IF, WHY AND HOW?

Chair: Marius Terblanche (London, United Kingdom)
Chair: Theodoros Kyprianou (Nicosia, Cyprus)

Telemedicine systems in the ICU - What is it? 12:00
Speaker: Peter van der Voort (Amsterdam, Netherlands)

Discussion 12:15

Overview of the current evidence base 12:20
Speaker: Nicola Mackintosh (London, United Kingdom)

Discussion 12:35

Improving quality: How may telemedicine systems help patients? 12:40
Speaker: Theodoros Kyprianou (Nicosia, Cyprus)

Scientific Programme

Discussion	12:55
Can ICU telemedicine improve quality of outreach services?	13:00
Speaker: Hans Flaatten (Bergen, Norway)	
Discussion	13:15
Telemedicine to redesign your service: Improvements and unintended consequences	13:20
Speaker: Marius Terblanche (London, United Kingdom)	
Discussion	13:35
Integrating telemedicine in your hospital - Challenges and opportunities	13:40
Speaker: Richard Beale (London, United Kingdom)	
Discussion	13:55
Thematic Session 12:00 - 14:00	Lisbon
PATIENT SAFETY CULTURE - ARE WE THERE YET?	
Chair: Ruth Endacott (Plymouth, United Kingdom) Chair: Sarah Gregory (Guildford, United Kingdom)	
Critical incident reporting - Paper exercise or patient safety impact?	12:00
Speaker: Silvia Calvino Günther (Grenoble, France)	
Discussion	12:15
Human factors: Migration from the guidelines recognition and management	12:20
Speaker: Carole Boulanger (Exeter, United Kingdom)	
Discussion	12:35
Risk management in ICU - Who's responsibility?	12:40
Speaker: Dani Martí Romeu (Barcelona, Spain)	
Discussion	12:55
Avoiding complications - The key to patient safety	13:00
Speaker: Sonia Labeau (Ghent, Belgium)	
Discussion	13:15
False alarms and alarm fatigue: What can be done?	13:20
Speaker: Elsa P. Afonso (Cambridge, United Kingdom)	
Discussion	13:35
Team & culture - Effective MDT communication	13:40
Speaker: David McWilliams (Birmingham, United Kingdom)	
Discussion	13:55

Scientific Programme

Thematic Session
12:00 - 14:00

Paris

ICU CASE MIX: TIMES ARE A CHANGING

Chair: Hans Flaatten (Bergen, Norway)
Chair: Andreas Valentin (Schwarzach, Austria)

Obese patients	12:00
Speaker: Hans Flaatten (Bergen, Norway)	
Discussion	12:15
Physically disabled patients	12:20
Speaker: Jon Laake (Oslo, Norway)	
Discussion	12:35
ICU patients with advanced malignancies	12:40
Speaker: Pascale Gruber (London, United Kingdom)	
Discussion	12:55
Impact of the working climate on the case-mix	13:00
Speaker: Dominique Benoit (Ghent, Belgium)	
Discussion	13:15
Frequent flyers	13:20
Speaker: Ken Hillman (Sydney, Australia)	
Discussion	13:35
Refugees	13:40
Speaker: Martin Dünser (Salzburg, Austria)	
Discussion	13:55

Postgraduate Course
13:00 - 14:00

NEXT Lounge

NEXT LOUNGE - WINNERS (YOUNG LECTURER AWARD, CHALLENGE AND RESEARCH PG)

Chair: Massimo Antonelli (Rome, Italy)
Chair: Katie Lane (London, United Kingdom)
Chair: Peter Schellongowski (Vienna, Austria)