

## Scientific Programme

### Saturday, 03 October 2015

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Postgraduate Course  
08:30 - 10:00

Amsterdam

#### **CRITICAL CARE REFRESHER COURSE: ACUTE CIRCULATORY FAILURE**

Chair: Francesca Rubulotta (London, United Kingdom)  
Chair: Didier Payen (Paris, France)

**Arrhythmias in the ICU** 08:30

Speaker: Marco Maggiorini (Zurich, Switzerland)

**Cardiac arrest: Management and post-resuscitation care** 09:00

Speaker: Kjetil Sunde (Oslo, Norway)

**Ethical dilemmas: Communication and decision making during CPR** 09:30

Speaker: Akos Csomos (Budapest, Hungary)

Postgraduate Course  
08:30 - 11:45

M4-M5

#### **ADVANCED COURSE IN ECHOCARDIOGRAPHY: CRITICAL CARE ECHOCARDIOGRAPHY / LV SYSTOLIC FUNCTION**

**Overview regarding critical care echocardiography** 08:30

Speaker: Daniel De Backer (Brussels, Belgium)

**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 (Brussels, Belgium)

Postgraduate Course  
08:30 - 12:00

M8

#### **EDIC PART II EXAMINATION: PREPARATION COURSE**

## Scientific Programme

### Instructors' workshop

08:30

Speaker: Frantisek Duska (Nottingham, United Kingdom)  
Speaker: Pascale Gruber (London, United Kingdom)  
Speaker: Carl Waldmann (Reading, United Kingdom)  
Speaker: Chris Loew (Poole, United Kingdom)  
Speaker: Hans Flaatten (Bergen, Norway)  
Speaker: Hynek Riha (Prague, Czech Republic)  
Speaker: Petr Waldauf (Prague, Czech Republic)  
Speaker: Jerome Cockings (Reading, United Kingdom)  
Speaker: Rajnish Saha (Harlow, United Kingdom)

Postgraduate Course  
08:30 - 09:00

Charité Berlin

### SKILLS TRAINING IN INTENSIVE CARE MEDICINE - AIRWAY, DELIRIUM, COAGULATION AND CRISIS RESOURCE MANAGEMENT: A PRACTICAL APPROACH

This PG course will be held in the Charité Simulation Centre:  
Universitätsmedizin Berlin, Campus Charité Mitte, Friedrich Busch Haus ("alte Zahnklinik")  
Virchowweg 24, Raum 02028  
Charitéplatz 1  
10117 Berlin

### Introduction

08:30

Speaker: Michael Sander (Giessen, Germany)

Postgraduate Course  
08:40 - 10:40

R2

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

#### Research and clinical work are symbiotic! (Why research matters to clinicians; Why clinical work is important for researchers)

08:40

Speaker: Sheldon Magder (Montreal, Canada)

#### Defining the hypothesis (literature search and critical analysis)

09:00

Speaker: Jean-Louis Vincent (Brussels, Belgium)

#### Which control group?

09:30

Speaker: Leo Anthony Celi (Boston, United States)

#### Defining the right population

10:00

Speaker: John Kellum (Pittsburgh, United States)

#### Discussion and questions

10:20

Postgraduate Course  
09:00 - 10:30

Stockholm

### MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT

## Scientific Programme

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

Postgraduate Course  
09:00 - 11:00

Vienna

### **SEPTIC SHOCK: FROM THE INFECTIOUS PROCESS TO THE CIRCULATORY FAILURE THE SOURCE OF INFECTION**

Chair: Jan De Waele (Ghent, Belgium)

<b>First checklist for a proper diagnosis</b>	<b>09:00</b>
Speaker: Jean-François Timsit (Paris, France)	
<b>When the source is not obvious</b>	<b>09:30</b>
Speaker: Philippe Eggimann (Lausanne, Switzerland)	
<b>Diagnostic quiz</b>	<b>10:00</b>
Speaker: Romain Sonnevile (Paris, France)	
<b>Antibiotic susceptibility testings for the dummy</b>	<b>10:30</b>
Speaker: Jean-Ralph Zahar (Angers, France)	

Postgraduate Course  
09:00 - 10:30

M1

### **BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS**

<b>Basic competences in GCCUS: What should every intensivist know?</b>	<b>09:00</b>
Speaker: Paul Mayo (New York, United States)	
<b>Basic competences in echocardiography: What should every intensivist know?</b>	<b>09:20</b>
Speaker: Anthony McLean (Sydney, Australia)	
<b>Basic views for a cardiac study (demonstration using a simulator: Simultaneous display of 2D views and corresponding 3D model of the heart)</b>	<b>09:40</b>
Speaker: Yanick Beaulieu (Montreal, Canada)	

Postgraduate Course  
09:00 - 10:30

M6

### **NEURO-ICU PRIMER: GENERAL COMPETENCIES, PART I**

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

## Scientific Programme

<b>Clinical examination of the comatose patient</b>	<b>09:00</b>
Speaker: Tarek Sharshar (Paris, France)	
<b>CT scan and MRI: What the intensivist needs to know</b>	<b>09:25</b>
Speaker: Stephan Mayer (New York, United States)	
<b>EEG, the basics for the intensivist</b>	<b>10:00</b>
Speaker: Andrea Rossetti (Lausanne, Switzerland)	

Postgraduate Course  
09:00 - 10:40

Charité Berlin

### **SKILLS TRAINING IN INTENSIVE CARE MEDICINE - AIRWAY, DELIRIUM, COAGULATION AND CRISIS RESOURCE MANAGEMENT: A PRACTICAL APPROACH**

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#### **Skills station - Airway management**

Speaker: Michael Hiesmayr (Vienna, Austria)  
Speaker: Viktor Mezger (Berlin, Germany)  
Speaker: Michael Krämer (Berlin, Germany)

Postgraduate Course  
10:30 - 12:00

Amsterdam

### **CRITICAL CARE REFRESHER COURSE: ACUTE RESPIRATORY FAILURE**

Chair: Carl Waldmann (Reading, United Kingdom)  
Chair: Pascale Gruber (London, United Kingdom)

<b>Physiology of mechanical ventilation</b>	<b>10:30</b>
Speaker: Massimo Antonelli (Rome, Italy)	
<b>COPD and mechanical ventilation</b>	<b>11:00</b>
Speaker: Jordi Mancebo Cortes (Barcelona, Spain)	
<b>ARDS and mechanical ventilation</b>	<b>11:30</b>
Speaker: Rajnish Saha (Harlow, United Kingdom)	

Postgraduate Course  
11:00 - 12:30

Stockholm

### **MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT**

<b>How to assess respiratory mechanics at the bedside</b>	<b>11:00</b>
Speaker: Alain Mercat (Angers, France)	

## Scientific Programme

### Hands-on session 1

11:30

Speaker: Hernan Marcelo Aguirre-Bermeo (Barcelona, Spain)  
Speaker: Giuseppe Foti (Lecco, Italy)  
Speaker: Tommaso Mauri (Milan, Italy)  
Speaker: Onnen Mörer (Göttingen, Germany)  
Speaker: Lise Piquilloud (Lausanne, Switzerland)  
Speaker: Giacomo Grasselli (Monza, Italy)

Postgraduate Course  
11:00 - 12:50

R2

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

#### Be part of the A team: Who you should work with, what to research

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: Claudia Spies (Berlin, Germany)

#### 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: Paul Young (Wellington, New Zealand)

#### Discussion and questions

12:30

Postgraduate Course  
11:00 - 12:30

M1

### BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - GROUP B

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

11:00

Speaker: Martin Balik (Prague, Czech Republic)

#### How to recognise 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: Jan Poelaert (Brussels, Belgium)

#### Wall motion abnormalities

12:00

Speaker: Gorazd Voga (Celje, Slovenia)

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

12:15

Speaker: Matthieu Legrand (Paris, France)

## Scientific Programme

Postgraduate Course  
11:00 - 12:30

M2

### BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - GROUP A

#### Hands-on

11:00

Speaker: Philippe Vignon (Limoges, France)  
Speaker: Aarne Feldheiser (Berlin, Germany)  
Speaker: Daniel Lichtenstein (Paris, France)  
Speaker: Dirk Rumpff (Berlin, Germany)  
Speaker: Anthony McLean (Sydney, Australia)  
Speaker: Thomas König (Berlin, Germany)  
Speaker: Christoph Bauhuis (Berlin, Germany)  
Speaker: Eric Maury (Paris, France)  
Speaker: Yanick Beaulieu (Montreal, Canada)

Postgraduate Course  
11:00 - 12:30

M3

### BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - 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

Speaker: Michel Slama (Amiens, France)

Postgraduate Course  
11:00 - 12:40

M6

### NEURO-ICU PRIMER: GENERAL COMPETENCIES, PART I

#### ICP monitoring: Indications and utility

11:00

Speaker: Giuseppe Citerio (Monza, Italy)

#### ICP monitoring: Thresholds, curve interpretation, pitfalls

11:20

Speaker: Geert Meyfroidt (Leuven, Belgium)

#### PbtO<sub>2</sub> monitoring

11:40

Speaker: Mauro Oddo (Lausanne, Switzerland)

## Scientific Programme

**TCD monitoring: The basics** 12:00

Speaker: Pierre Bouzat (Grenoble, France)

**TCD monitoring: Indications and utility** 12:20

Speaker: Fabio Silvio Taccone (Brussels, Belgium)

Postgraduate Course  
11:00 - 12:40

Charité Berlin

### **SKILLS TRAINING IN INTENSIVE CARE MEDICINE - AIRWAY, DELIRIUM, COAGULATION AND CRISIS RESOURCE MANAGEMENT: A PRACTICAL APPROACH**

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#### **Skills station - Delirium management**

Speaker: Arjen Slooter (Utrecht, Netherlands)  
Speaker: Alawi Lütz (Berlin, Germany)  
Speaker: Isabelle Chaix (Berlin, Germany)  
Speaker: Bjoern Weiss (Berlin, Germany)

Postgraduate Course  
11:30 - 13:00

Vienna

### **SEPTIC SHOCK: FROM THE INFECTIOUS PROCESS TO THE CIRCULATORY FAILURE TREATMENT OF THE INFECTIOUS PROCESS**

Chair: Jean-Ralph Zahar (Angers, France)

**Antimicrobials in the first hours** 11:30

Speaker: Jan De Waele (Ghent, Belgium)

**At the end of the night shift: What should be done?** 12:00

Speaker: José Artur Paiva (Porto, Portugal)

**Particular isolation processes for contagious diseases** 12:30

Speaker: Tobias Welte (Hanover, Germany)

Postgraduate Course  
12:45 - 14:50

M8

### **EDIC PART II EXAMINATION: PREPARATION COURSE**

**Introduction (How EDIC II works)** 12:45

Speaker: Frantisek Duska (Nottingham, United Kingdom)

**Common Training Framework** 13:15

Speaker: Carl Waldmann (Reading, United Kingdom)

## Scientific Programme

**Video: CCS an CBA** **13:25**

**How to go through CCS part 1** **14:05**

Speaker: Hynek Riha (Prague, Czech Republic)

Postgraduate Course  
13:00 - 16:30

Stockholm

### MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT

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

Speaker: Alain Mercat (Angers, France)

**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)

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

Speaker: Tommaso Mauri (Milan, Italy)

Speaker: Hernan Marcelo Aguirre-Bermeo (Barcelona, Spain)

Speaker: Giuseppe Foti (Lecco, Italy)

Speaker: Lise Piquilloud (Lausanne, Switzerland)

Speaker: Giacomo Grasselli (Monza, Italy)

Postgraduate Course  
13:00 - 14:30

Amsterdam

### CRITICAL CARE REFRESHER COURSE: INFECTION AND INFLAMMATION

Chair: Marco Maggiorini (Zurich, Switzerland)

Chair: Hans Flaatten (Bergen, Norway)

**Catheter related infections** **13:00**

Speaker: José Artur Paiva (Porto, Portugal)

**Ventilator associated pneumonia** **13:30**

Speaker: Ignacio Martin-Loeches (Dublin, Ireland)

**Fungal infections in the ICU** **14:00**

Speaker: Philippe Eggimann (Lausanne, Switzerland)



## Scientific Programme

Postgraduate Course  
13:00 - 16:00

M4-M5

### ADVANCED COURSE IN ECHOCARDIOGRAPHY: LV DIASTOLIC FUNCTION

#### Echo parameters

13:00

Speaker: Michel Slama (Amiens, 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  
13:20 - 15:00

Charité Berlin

### SKILLS TRAINING IN INTENSIVE CARE MEDICINE - AIRWAY, DELIRIUM, COAGULATION AND CRISIS RESOURCE MANAGEMENT: A PRACTICAL APPROACH

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#### Skills station - POC coagulation management

Speaker: Christian Von Heymann (Berlin, Germany)

Speaker: Juliane Rau (Frankfurt, Germany)

Speaker: Dirk Donker (Utrecht, Netherlands)

Postgraduate Course  
13:30 - 15:00

M1

### BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - GROUP C

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

13:30

Speaker: Martin Balik (Prague, Czech Republic)

#### How to recognise a failing right ventricle?

13:45

Speaker: Antoine Vieillard-Baron (Boulogne, France)

#### Pericardial effusion & tamponade

14:00

Speaker: Bernard Cholley (Paris, France)

#### Massive valvular regurgitation: How to identify the problem?

14:15

Speaker: Jan Poelaert (Brussels, Belgium)

#### Wall motion abnormalities

14:30

Speaker: Gorazd Voga (Celje, Slovenia)

## Scientific Programme

**Inferior vena cava: How to measure? How to interpret? Limits** **14:45**

Speaker: Matthieu Legrand (Paris, France)

Postgraduate Course  
13:30 - 15:00

M2

### **BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - GROUP B**

#### **Hands-on**

**13:30**

Speaker: Aarne Feldheiser (Berlin, Germany)

Speaker: Daniel Lichtenstein (Paris, France)

Speaker: Dirk Rumpff (Berlin, Germany)

Speaker: Thomas König (Berlin, Germany)

Speaker: Christoph Bauhuis (Berlin, Germany)

Speaker: Eric Maury (Paris, France)

Speaker: Yanick Beaulieu (Montreal, Canada)

Postgraduate Course  
13:30 - 15:00

M3

### **BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - 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**

Speaker: Michel Slama (Amiens, France)

Postgraduate Course  
13:30 - 15:30

M7

### **NEURO-ICU PRIMER: PRACTICAL SKILLS**

#### **Hands-on sessions**

Speaker: Fabio Silvio Taccone (Brussels, Belgium)

Speaker: Pierre Bouzat (Grenoble, France)

## Scientific Programme

Postgraduate Course  
13:40 - 15:00

R2

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

<b>Study design</b>	<b>13:40</b>
Speaker: Laurent Brochard (Toronto, Canada)	
<b>Randomisation strategies and alternatives</b>	<b>14:00</b>
Speaker: Hannah Wunsch (New York, United States)	
<b>Planning statistical analysis</b>	<b>14:20</b>
Speaker: Paul Young (Wellington, New Zealand)	
<b>Data collection: What, how and when</b>	<b>14:40</b>
Speaker: Claudia Spies (Berlin, Germany)	

Postgraduate Course  
14:00 - 16:00

Vienna

### SEPTIC SHOCK: FROM THE INFECTIOUS PROCESS TO THE CIRCULATORY FAILURE PHYSIOLOGY, PATHOPHYSIOLOGY AND THE TOOLS

Chair: Xavier Monnet (Kremlin-Bicetre, France)	
<b>Cardiovascular pathophysiology: Understanding functional haemodynamics</b>	<b>14:00</b>
Speaker: Michael Pinsky (Pittsburgh, United States)	
<b>Venous return: Understanding preload</b>	<b>14:30</b>
Speaker: Jan Bakker (Rotterdam, Netherlands)	
<b>The grey zones of dynamic indices</b>	<b>15:00</b>
Speaker: Xavier Monnet (Kremlin-Bicetre, France)	
<b>Which one is the best target?</b>	<b>15:30</b>
Speaker: Ricard Ferrer Roca (Barcelona, Spain)	

Postgraduate Course  
14:30 - 16:00

Amsterdam

### CRITICAL CARE REFRESHER COURSE: NERVOUS SYSTEM

Chair: Jacobus Preller (Cambridge, United Kingdom)	
Chair: Rui Paulo Moreno (Lisbon, Portugal)	
<b>Traumatic brain injury (focus on diagnostic procedures )</b>	<b>14:30</b>
Speaker: Nino Stocchetti (Milan, Italy)	
<b>Brain death (focus on management of the organ donor)</b>	<b>15:00</b>
Speaker: Hans Ulrich Rothen (Bern, Switzerland)	
<b>Organ donation</b>	<b>15:30</b>
Speaker: Anne Berit Guttormsen (Bergen, Norway)	

## Scientific Programme

Postgraduate Course  
15:05 - 16:30

M8

### EDIC PART II EXAMINATION: PREPARATION COURSE

#### How to go through CCS part 2

15:05

Speaker: Pascale Gruber (London, United Kingdom)

#### Imaging 1 (CXR/AXR)

15:45

Speaker: Chris Loew (Poole, United Kingdom)

Postgraduate Course  
15:20 - 17:00

R2

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

#### Data sharing and open access research

15:20

Speaker: Leo Anthony Celi (Boston, United States)

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

15:40

Speaker: Jean-Louis Vincent (Brussels, Belgium)

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

16:00

Speaker: Martin Smith (London, United Kingdom)

#### Answering reviewers' comments

16:20

Speaker: Massimo Antonelli (Rome, Italy)

#### Discussion and questions

16:40

Postgraduate Course  
15:20 - 17:00

Charité Berlin

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#### Skills station - Crisis resource management

Speaker: Torsten Schröder (Berlin, Germany)  
Speaker: Nils Haake (Kiel, Germany)  
Speaker: Michael Sander (Giessen, Germany)  
Speaker: Holger Köth (Berlin, Germany)

## Scientific Programme

Postgraduate Course  
15:30 - 17:00

M1

### BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - GROUP A

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

Speaker: Martin Balik (Prague, Czech Republic)

**How to recognise 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: Jan Poelaert (Brussels, Belgium)

**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

M2

### BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - GROUP C

**Hands-on** 15:30

Speaker: Philippe Vignon (Limoges, France)  
Speaker: Aarne Feldheiser (Berlin, Germany)  
Speaker: Daniel Lichtenstein (Paris, France)  
Speaker: Dirk Rumpff (Berlin, Germany)  
Speaker: Anthony McLean (Sydney, Australia)  
Speaker: Thomas König (Berlin, Germany)  
Speaker: Christoph Bauhuis (Berlin, Germany)  
Speaker: Eric Maury (Paris, France)  
Speaker: Yanick Beaulieu (Montreal, Canada)

Postgraduate Course  
15:30 - 17:00

M3

### BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - 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)

## Scientific Programme

**Clinical cases of pericardial effusion, tamponade or not?** **16:15**

Speaker: Nick Fletcher (London, United Kingdom)

**Clinical cases on valvular regurgitation (TTE, 2D and color Doppler only)** **16:30**

Speaker: Fernando Clau-Terré (Barcelona, Spain)

**Clinical cases with inferior vena cava** **16:45**

Speaker: Michel Slama (Amiens, France)

Postgraduate Course  
16:00 - 17:00

M6

### NEURO-ICU PRIMER: GENERAL COMPETENCIES, PART I

Chair: Peter Horn (Wiesbaden, Germany)

**When you need and when you don't need the neuroradiologist** **16:00**

Speaker: Raimund Helbok (Innsbruck, Austria)

**When you need and when you don't need the neurosurgeon** **16:30**

Speaker: Peter Vajkoczy (Berlin, Germany)

Postgraduate Course  
16:30 - 18:00

Vienna

### SEPTIC SHOCK: FROM THE INFECTIOUS PROCESS TO THE CIRCULATORY FAILURE PHYSIOLOGY, PATHOPHYSIOLOGY AND THE TOOLS

Chair: Ricard Ferrer Roca (Barcelona, Spain)

**From minimal monitoring to Airbus cockpit?** **16:30**

Speaker: Claude Martin (Marseille, France)

**What can't echocardiography tell you?** **16:50**

Speaker: Pierre Squara (Neuilly-sur-Seine, France)

**Monitoring the microcirculation** **17:10**

Speaker: Didier Payen (Paris, France)

**Assessing response to therapy: SvO<sub>2</sub>, lactate, PCO<sub>2</sub> gap, and others** **17:30**

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

**Discussion** **17:50**

## Scientific Programme

Postgraduate Course  
16:30 - 18:00

Amsterdam

### **CRITICAL CARE REFRESHER COURSE: NEPHROLOGY, ELECTROLITES, ACIDBASE AND FLUID MANAGEMENT**

Chair: Hans Flaatten (Bergen, Norway)  
Chair: Theodoros Kyprianou (Nicosia, Cyprus)

**Electrolyte disturbances** 16:30

Speaker: Armand Girbes (Amsterdam, Netherlands)

**Acid-base disorders** 17:00

Speaker: Luciano Gattinoni (Milan, Italy)

**Transfusions (RBC, platelets, FFP, synthetic coagulation factors)** 17:30

Speaker: Anne Berit Guttormsen (Bergen, Norway)

Postgraduate Course  
16:45 - 18:30

M8

### **EDIC PART II EXAMINATION: PREPARATION COURSE**

**Imaging 2 (CT scans/ultrasound/Echo)** 16:45

Speaker: Jerome Cockings (Reading, United Kingdom)

**Waveforms 1 (ECG)** 17:45

Speaker: Hynek Riha (Prague, Czech Republic)

Postgraduate Course  
17:00 - 18:00

Stockholm

### **MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT**

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

Speaker: Massimo Antonelli (Rome, Italy)

**Ventilator induced lung injury** 17:30

Speaker: Marco Ranieri (Turin, Italy)

Postgraduate Course  
17:00 - 17:30

Charité Berlin

### **SKILLS TRAINING IN INTENSIVE CARE MEDICINE - AIRWAY, DELIRIUM, COAGULATION AND CRISIS RESOURCE MANAGEMENT: A PRACTICAL APPROACH**

This PG course will be held in the Charité Simulation Centre:  
Universitätsmedizin Berlin, Campus Charité Mitte, Friedrich Busch Haus ("alte Zahnklinik")  
Virchowweg 24, Raum 02028  
Charitéplatz 1  
10117 Berlin

## Scientific Programme

### Conclusion

17:00

Speaker: Michael Sander (Giessen, Germany)

Postgraduate Course  
17:20 - 18:00

R2

### 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: Katia Donadello (Brussels, Belgium)

#### Setting the challenge

17:30

Speaker: Jean-Daniel Chiche (Paris, France)



## Scientific Programme

### Sunday, 04 October 2015

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Postgraduate Course  
08:30 - 10:00

Amsterdam

#### **CRITICAL CARE REFRESHER COURSE: ABDOMEN**

Chair: Akos Csomos (Budapest, Hungary)  
Chair: Hans Ulrich Rothen (Bern, Switzerland)

##### **Acute liver failure**

**08:30**

Speaker: Hans Ulrich Rothen (Bern, Switzerland)

##### **Chronic liver diseases and transplantation**

**09:00**

Speaker: Julia Wendon (London, United Kingdom)

##### **Liver surgery**

**09:30**

Speaker: Christian Sitzwohl (Vienna, Austria)

Postgraduate Course  
08:30 - 10:15

M8

#### **EDIC PART II EXAMINATION: PREPARATION COURSE**

##### **Waveforms 2 (Ventilator screens/Pressure curves)**

**08:30**

Speaker: Petr Waldauf (Prague, Czech Republic)

##### **Biochemistry**

**09:15**

Speaker: Frantisek Duska (Nottingham, United Kingdom)

Postgraduate Course  
08:40 - 08:50

Brussels

#### **NEXT DAY - WELCOMING AND INTRODUCTION**

Chair: Lara Prisco (Cambridge, United Kingdom)

##### **You are the key to a successful society**

Speaker: Daniel De Backer (Brussels, Belgium)

Postgraduate Course  
08:50 - 09:00

Brussels

#### **NEXT DAY - NOTES**

##### **Microbiological fellowship 2014 - 2015**

Speaker: Lara Prisco (Cambridge, United Kingdom)

## Scientific Programme

Postgraduate Course  
09:00 - 10:30

Stockholm

### MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT

**Alternative strategies and rescue treatments in severely hypoxaemic patients** 09:00

Speaker: Claude Guérin (Lyon, France)

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

Speaker: Alain Combes (Paris, France)

**Clinical case history: ARDS** 10:00

Speaker: Claude Guérin (Lyon, France)

Postgraduate Course  
09:00 - 11:00

Brussels

### NEXT DAY - ALONE ON THE NIGHT SHIFT

Chair: Katia Donadello (Brussels, Belgium)

Chair: Peter Schellongowski (Vienna, Austria)

**Radiology-quiz** 09:00

Speaker: Jacobus Preller (Cambridge, United Kingdom)

**The right antibiotic-quiz** 09:30

Speaker: Garyphalia Poulakou (Athens, Greece)

**Case reports: Did you know the right diagnosis?** 10:00

Speaker: Didier Payen (Paris, France)

**How do I adjust the vent?** 10:30

Speaker: Jordi Mancebo Cortes (Barcelona, Spain)

Postgraduate Course  
09:00 - 10:20

R2

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

Chair: Lui Forni (Guildford, United Kingdom)

**Case study: Is all AKI the same?** 09:00

Speaker: Lui Forni (Guildford, 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: Anne-Cornélie de Pont (Amsterdam, Netherlands)

## Scientific Programme

Postgraduate Course  
09:00 - 10:15

M1

### BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - GROUP B

#### **Respiratory distress: Basic approach using US**

**09:00**

Speaker: Philippe Vignon (Limoges, France)

#### **Echo signs of pneumothorax**

**09:15**

Speaker: Paul Mayo (New York, United States)

#### **Pleural effusion**

**09:30**

Speaker: Paul Mayo (New York, United States)

#### **Lung condensation: Pneumonia, atelectasis,...**

**09:45**

Speaker: Daniel Lichtenstein (Paris, France)

#### **Diaphragmatic function: How to evaluate?**

**10:00**

Speaker: Nicolas Lerolle (Angers, France)

Postgraduate Course  
09:00 - 10:30

M2

### BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - GROUP A

#### **Hands-on**

**09:00**

Speaker: Bernard Cholley (Paris, France)  
Speaker: Antoine Vieillard-Baron (Boulogne, France)  
Speaker: Gorazd Voga (Celje, Slovenia)  
Speaker: Martin Balik (Prague, Czech Republic)  
Speaker: Armand Mekontso Dessap (Créteil, France)  
Speaker: Nick Fletcher (London, United Kingdom)  
Speaker: Michelle Chew (Malmö, Sweden)  
Speaker: Matthieu Legrand (Paris, France)  
Speaker: Anthony McLean (Sydney, Australia)  
Speaker: Paul Mayo (New York, United States)

Postgraduate Course  
09:00 - 10:15

M3

### BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - 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, discuss indication for chest tube or not with audience**

**09:15**

Speaker: Anthony McLean (Sydney, Australia)

#### **Clinical cases of lung condensation**

**09:30**

Speaker: Yanick Beaulieu (Montreal, Canada)

#### **Practical approach to Respiratory Distress**

**09:45**

Speaker: Yanick Beaulieu (Montreal, Canada)

## Scientific Programme

**Examples of diaphragmatic evaluation, pitfalls in measurement** **10:00**  
Speaker: Eric Maury (Paris, France)

Postgraduate Course  
09:00 - 12:15 **M4-M5**

### **ADVANCED COURSE IN ECHOCARDIOGRAPHY: FLUID MANAGEMENT**

**Static echo parameters** **09:00**  
Speaker: Michel Slama (Amiens, France)

**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 it 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  
09:30 - 11:30 **Vienna**

### **SEPTIC SHOCK: FROM THE INFECTIOUS PROCESS TO THE CIRCULATORY FAILURE FROM THEORY TO PRACTICE**

Chair: Richard Beale (London, United Kingdom)

**How to give fluids** **09:30**  
Speaker: Maurizio Cecconi (London, United Kingdom)

**How to use vasoactive drugs** **10:00**  
Speaker: Richard Beale (London, United Kingdom)

**Putting the picture together: A clinical case** **10:30**  
Speaker: Claude Martin (Marseille, France)

Postgraduate Course  
09:30 - 11:10 **M6**

### **NEURO-ICU PRIMER: GENERAL MANAGEMENT, PART II**

Chair: Giuseppe Citerio (Monza, Italy)  
Chair: Nino Stocchetti (Milan, Italy)

## Scientific Programme

<b>Glucose and temperature</b>	<b>09:30</b>
Speaker: Nino Stocchetti (Milan, Italy)	
<b>Discussion</b>	<b>09:50</b>
<b>Fluids and sodium</b>	<b>09:55</b>
<b>Discussion</b>	<b>10:15</b>
<b>Mechanical ventilation</b>	<b>10:20</b>
Speaker: Paolo Pelosi (Genova, Italy)	
<b>Discussion</b>	<b>10:40</b>
<b>Sedation and analgesia</b>	<b>10:45</b>
Speaker: Geert Meyfroidt (Leuven, Belgium)	
<b>Discussion</b>	<b>11:05</b>

Postgraduate Course  
10:30 - 12:00

Amsterdam

## CRITICAL CARE REFRESHER COURSE: TRAUMA AND SURGERY

Chair: Maurizio Cecconi (London, United Kingdom)  
Chair: Jacobus Preller (Cambridge, United Kingdom)

<b>The polytrauma patients</b>	<b>10:30</b>
Speaker: Jacques Duranteau (Kremlin-Bicetre, France)	
<b>Postoperative intensive care medicine</b>	<b>11:00</b>
Speaker: Michael Hiesmayr (Vienna, Austria)	
<b>Transplantation and immunosuppression</b>	<b>11:30</b>
Speaker: Geert Meyfroidt (Leuven, Belgium)	

Postgraduate Course  
10:30 - 12:00

M8

## EDIC PART II EXAMINATION: PREPARATION COURSE

<b>Mock exams - Group 1: CCS; Group 2: CBA; Group 3: Break</b>	<b>10:30</b>
Speaker: Frantisek Duska (Nottingham, United Kingdom)	
Speaker: Hynek Riha (Prague, Czech Republic)	
Speaker: Pascale Gruber (London, United Kingdom)	
Speaker: Chris Loew (Poole, United Kingdom)	
Speaker: Petr Waldauf (Prague, Czech Republic)	
Speaker: Jerome Cockings (Reading, United Kingdom)	
Speaker: Hans Flaatten (Bergen, Norway)	
Speaker: Carl Waldmann (Reading, United Kingdom)	
Speaker: Rajnish Saha (Harlow, United Kingdom)	

## Scientific Programme

Postgraduate Course  
10:50 - 12:10

R2

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

Chair: Michael Joannidis (Innsbruck, Austria)

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

Speaker: Michael Joannidis (Innsbruck, Austria)

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

Speaker: Michael Darmon (Saint-Etienne, France)

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

Speaker: Anne-Cornélie de Pont (Amsterdam, Netherlands)

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

Speaker: Patrick Honoré (Brussels, Belgium)

Postgraduate Course  
11:00 - 12:30

Stockholm

### **MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT**

**Hands-on session 3** 11:00

Speaker: Lise Piquilloud (Lausanne, Switzerland)

Speaker: Hernan Marcelo Aguirre-Bermeo (Barcelona, Spain)

Speaker: Giuseppe Foti (Lecco, Italy)

Speaker: Tommaso Mauri (Milan, Italy)

Speaker: Onnen Mörer (Göttingen, Germany)

Speaker: Giacomo Grasselli (Monza, Italy)

**Patient-ventilator interaction during assisted mechanical ventilation** 12:00

Speaker: Giacomo Bellani (Monza, Italy)

Postgraduate Course  
11:00 - 13:00

Brussels

### **NEXT DAY - CASE CHALLENGE**

Creating the opportunity to face and challenge worldwide ICM experts on hot-topics in a trainee-friendly environment  
Offering young ICM trainees and specialists a cheap/free occasion for networking, learn, challenge ICM experts,  
improve competencies and reach the heart of young ICM in Europe.

Chair: Lara Prisco (Cambridge, United Kingdom)

Chair: Geoffrey Bellington (London, United Kingdom)

**Nutrition, glucose: Hungry in the ICU** 11:00

Speaker: Steffen Weber-Carstens (Berlin, Germany)

Speaker: Steven Thiessen (Leuven, Belgium)

**EGDT in sepsis: Finally out of the mix?** 11:30

Speaker: Ignacio Martin-Loeches (Dublin, Ireland)

Speaker: Bernardo Bollen Pinto (Geneva, Switzerland)

## Scientific Programme

**MDRs: Good bugs, bad bugs** **12:00**  
Speaker: Jean-François Timsit (Paris, France)  
Speaker: Gennaro De Pascale (Rome, Italy)

**Lactate has many faces** **12:30**  
Speaker: Pierre Bouzat (Grenoble, France)  
Speaker: Frauke Weidanz (Edinburgh, United Kingdom)

Postgraduate Course  
11:00 - 12:15 M1

### BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - GROUP C

**Echo signs of pneumothorax** **11:00**  
Speaker: Paul Mayo (New York, United States)

**Pleural effusion** **11:15**  
Speaker: Paul Mayo (New York, United States)

**Lung condensation: Pneumonia, atelectasis,...** **11:30**  
Speaker: Daniel Lichtenstein (Paris, France)

**Respiratory distress: Basic approach using US** **11:45**  
Speaker: Philippe Vignon (Limoges, France)

**Diaphragmatic function: How to evaluate?** **12:00**  
Speaker: Nicolas Lerolle (Angers, France)

Postgraduate Course  
11:00 - 12:30 M2

### BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - GROUP B

**Hands-on** **11:00**  
Speaker: Bernard Cholley (Paris, France)  
Speaker: Gorazd Voga (Celje, Slovenia)  
Speaker: Martin Balik (Prague, Czech Republic)  
Speaker: Armand Mekontso Dessap (Créteil, France)  
Speaker: Nick Fletcher (London, United Kingdom)  
Speaker: Michelle Chew (Malmö, Sweden)  
Speaker: Matthieu Legrand (Paris, France)  
Speaker: Michel Slama (Amiens, France)  
Speaker: Paul Mayo (New York, United States)

Postgraduate Course  
11:00 - 12:15 M3

### BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - GROUP A

## Scientific Programme

<b>Clinical case pneumothorax (pleural sliding present and absent, 2D and M-mode, lung point)</b>	<b>11:00</b>
Speaker: Aarne Feldheiser (Berlin, Germany)	
<b>Clinical cases of pleural effusion, various importances, discuss indication for chest tube or not with audience</b>	<b>11:15</b>
Speaker: Anthony McLean (Sydney, Australia)	
<b>Clinical cases of lung condensation</b>	<b>11:30</b>
Speaker: Yanick Beaulieu (Montreal, Canada)	
<b>Practical approach to Respiratory Distress</b>	<b>11:45</b>
Speaker: Yanick Beaulieu (Montreal, Canada)	
<b>Examples of diaphragmatic evaluation, pitfalls in measurement</b>	<b>12:00</b>
Speaker: Eric Maury (Paris, France)	

Postgraduate Course  
11:30 - 12:30

Vienna

### **SEPTIC SHOCK: FROM THE INFECTIOUS PROCESS TO THE CIRCULATORY FAILURE FROM THEORY TO PRACTICE**

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

<b>Protecting the lungs or the kidneys</b>	<b>11:30</b>
Speaker: Antonio Artigas (Barcelona, Spain)	
<b>Fluids in the patient with leaky lungs</b>	<b>12:00</b>
Speaker: Jean-Louis Teboul (Kremlin-Bicetre, France)	

Postgraduate Course  
11:30 - 13:00

M6

### **NEURO-ICU PRIMER: CLINICAL CASES I**

Chair: Giuseppe Citerio (Monza, Italy)

<b>Clinical case - How I manage a severe TBI patient</b>	<b>11:30</b>
Speaker: Pierre Bouzat (Grenoble, France)	
<b>Management of early (hydrocephalus, aneurysm securisation, monitoring, seizures) and late (DCI, sodium disorders) complications</b>	<b>12:00</b>
Speaker: Giuseppe Citerio (Monza, Italy)	
<b>Reperfusion strategies &amp; management of malignant stroke</b>	<b>12:30</b>
Speaker: Raimund Helbok (Innsbruck, Austria)	



## Scientific Programme

Postgraduate Course  
12:30 - 16:00

M8

### EDIC PART II EXAMINATION: PREPARATION COURSE

#### Mock exams - Group 1: Break; Group 2: CCS; Group 3: CBA

12:30

Speaker: Frantisek Duska (Nottingham, United Kingdom)  
Speaker: Hynek Riha (Prague, Czech Republic)  
Speaker: Pascale Gruber (London, United Kingdom)  
Speaker: Chris Loew (Poole, United Kingdom)  
Speaker: Petr Waldauf (Prague, Czech Republic)  
Speaker: Jerome Cockings (Reading, United Kingdom)  
Speaker: Carl Waldmann (Reading, United Kingdom)  
Speaker: Hans Flaatten (Bergen, Norway)  
Speaker: Rajnish Saha (Harlow, United Kingdom)

#### Mock exams - Group 1: CBA; Group 2: Break; Group 3: CCS

14:00

Speaker: Frantisek Duska (Nottingham, United Kingdom)  
Speaker: Hynek Riha (Prague, Czech Republic)  
Speaker: Pascale Gruber (London, United Kingdom)  
Speaker: Chris Loew (Poole, United Kingdom)  
Speaker: Petr Waldauf (Prague, Czech Republic)  
Speaker: Jerome Cockings (Reading, United Kingdom)  
Speaker: Carl Waldmann (Reading, United Kingdom)  
Speaker: Hans Flaatten (Bergen, Norway)  
Speaker: Rajnish Saha (Harlow, United Kingdom)

#### Tips and guide to educational resources

15:30

Speaker: Frantisek Duska (Nottingham, United Kingdom)

Postgraduate Course  
13:00 - 16:30

Stockholm

### MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT

#### Heart-lung interaction during mechanical ventilation

13:00

Speaker: Michael Pinsky (Pittsburgh, United States)

#### Weaning from mechanical ventilation

13:30

Speaker: Laurent Brochard (Toronto, Canada)

#### Pathophysiological alterations in COPD patients

14:00

Speaker: Marco Ranieri (Turin, Italy)

#### Non-invasive ventilation in COPD patients

14:30

Speaker: Massimo Antonelli (Rome, Italy)

#### Mechanical ventilation in COPD patients

15:00

Speaker: Jordi Mancebo Cortes (Barcelona, Spain)

#### Clinical case history: Difficult weaning

15:30

Speaker: Laurent Brochard (Toronto, Canada)

#### Summary and conclusions

16:00

## Scientific Programme

Postgraduate Course  
13:00 - 14:30

Amsterdam

### **CRITICAL CARE REFRESHER COURSE: OTHERS (SEDATION-ANALGESIA, PHARMACOLOGY, MANAGEMENT, ETHICS)**

Chair: Christian Sitzwohl (Vienna, Austria)  
Chair: Anne Berit Guttormsen (Bergen, Norway)

**Shared-decision making in ICU** **13:00**

Speaker: Andrej Michalsen (Tettnang, Germany)

**Ethics and communication with relatives** **13:30**

Speaker: Ravindra Kumar (Redhill, United Kingdom)

**Triage in ICU** **14:00**

Speaker: Stephen J. Brett (London, United Kingdom)

Postgraduate Course  
13:00 - 14:20

R2

### **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: Patrick Honoré (Brussels, Belgium)

**I use citrate anticoagulation** **14:00**

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

Postgraduate Course  
13:00 - 16:00

M4-M5

### **ADVANCED COURSE IN ECHOCARDIOGRAPHY: RV FUNCTION**

**Echo parameters** **13:00**

Speaker: Anthony McLean (Sydney, Australia)

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

Speaker: Antoine Vieillard-Baron (Boulogne, France)

**Cases/discussion** **14:15**

Speaker: Michel Slama (Amiens, France)

**Coffee break** **14:45**

## Scientific Programme

**Pitfalls and mimickers** **15:00**

Speaker: Philippe Vignon (Limoges, France)

**How do I perform an echo examination at the bedside and make a report** **15:30**

Speaker: Paul Mayo (New York, United States)

Postgraduate Course  
13:30 - 16:00

Vienna

**SEPTIC SHOCK: FROM THE INFECTIOUS PROCESS TO THE CIRCULATORY FAILURE  
HANDS-ON MONITORS: HOW TO DO IT**

**Station 1 - How to monitor fluid responsiveness** **13:30**

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

**Station 2 - Understanding volumes**

Speaker: Daniel Reuter (Hamburg, Germany)  
Speaker: Pierre Squara (Neuilly-sur-Seine, France)

**Station 3 - Optimising the patient with ARDS**

Speaker: Didier Payen (Paris, France)  
Speaker: Antonio Artigas (Barcelona, Spain)

**Station 4 - Initial stabilisation of shock**

Speaker: Michael Pinsky (Pittsburgh, United States)  
Speaker: Maurizio Cecconi (London, United Kingdom)

**Station 5 - Optimising the microcirculation**

Speaker: Jan Bakker (Rotterdam, Netherlands)  
Speaker: Thomas Scheeren (Groningen, Netherlands)

Postgraduate Course  
14:00 - 14:30

Brussels

**NEXT DAY - KEY NOTE LECTURE**

Chair: Adrian Wong (Portsmouth, United Kingdom)  
Chair: Stephen Shepherd (London, United Kingdom)

**Ebola - A personal experience** **14:00**

Speaker: Mitchell Levy (Providence, United States)

**Differential: Ebola - What kind of diseases are we prepared for?** **14:15**

Speaker: Gino Strada (Milan, Italy)

Postgraduate Course  
14:00 - 15:15

M1

**BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - GROUP A**

## Scientific Programme

<b>Echo signs of pneumothorax</b>	<b>14:00</b>
Speaker: Paul Mayo (New York, United States)	
<b>Pleural effusion</b>	<b>14:15</b>
Speaker: Paul Mayo (New York, United States)	
<b>Lung condensation: Pneumonia, atelectasis,...</b>	<b>14:30</b>
Speaker: Daniel Lichtenstein (Paris, France)	
<b>Respiratory distress: Basic approach using US</b>	<b>14:45</b>
Speaker: Philippe Vignon (Limoges, France)	
<b>Diaphragmatic function: How to evaluate?</b>	<b>15:00</b>
Speaker: Nicolas Lerolle (Angers, France)	

Postgraduate Course  
14:00 - 15:30

M2

### BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - GROUP C

<b>Hands-on</b>	<b>14:00</b>
Speaker: Bernard Cholley (Paris, France)	
Speaker: Antoine Vieillard-Baron (Boulogne, France)	
Speaker: Gorazd Voga (Celje, Slovenia)	
Speaker: Martin Balik (Prague, Czech Republic)	
Speaker: Armand Mekontso Dessap (Créteil, France)	
Speaker: Nick Fletcher (London, United Kingdom)	
Speaker: Michelle Chew (Malmö, Sweden)	
Speaker: Matthieu Legrand (Paris, France)	
Speaker: Anthony McLean (Sydney, Australia)	

Postgraduate Course  
14:00 - 15:15

M3

### BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - GROUP B

<b>Clinical case pneumothorax (pleural sliding present and absent, 2D and M-mode, lung point)</b>	<b>14:00</b>
Speaker: Aarne Feldheiser (Berlin, Germany)	
<b>Clinical cases of pleural effusion, various importances, discuss indication for chest tube or not with audience</b>	<b>14:15</b>
Speaker: Anthony McLean (Sydney, Australia)	
<b>Clinical cases of lung condensation</b>	<b>14:30</b>
Speaker: Yanick Beaulieu (Montreal, Canada)	
<b>Practical approach to Respiratory Distress</b>	<b>14:45</b>
Speaker: Yanick Beaulieu (Montreal, Canada)	
<b>Examples of diaphragmatic evaluation, pitfalls in measurement</b>	<b>15:00</b>
Speaker: Eric Maury (Paris, France)	

## Scientific Programme

Postgraduate Course  
14:00 - 16:00

M6

### NEURO-ICU PRIMER: CLINICAL CASES II

Chair: Raimund Helbok (Innsbruck, Austria)  
Chair: Tarek Sharshar (Paris, France)

**Management of primary & anticoagulation-induced ICH - How to manage intraventricular haemorrhage** **14:00**

Speaker: Martin Smith (London, United Kingdom)

**Post resuscitation care and targeted temperature management** **14:30**

Speaker: Fabio Silvio Taccone (Brussels, Belgium)

**ICU management of CNS infections: Antibiotic therapy, monitoring, complications (brain oedema, circulatory shock)** **15:00**

Speaker: Romain Sonnevile (Paris, France)

**ICU management of status epilepticus** **15:30**

Speaker: Mauro Oddo (Lausanne, Switzerland)

Postgraduate Course  
14:30 - 16:00

Amsterdam

### CRITICAL CARE REFRESHER COURSE: EDIC 1 PREPARATION COURSE

Chair: Francesca Rubulotta (London, United Kingdom)  
Chair: Ravindra Kumar (Redhill, United Kingdom)

**The MCQs** **14:30**

Speaker: Armand Girbes (Amsterdam, Netherlands)

**How to approach the exam** **15:00**

Speaker: Marco Maggiorini (Zurich, Switzerland)

**The course online preparation** **15:30**

Speaker: Pascale Gruber (London, United Kingdom)

## Scientific Programme

Postgraduate Course  
14:30 - 16:30

Brussels

### NEXT DAY - THE HOT TOPICS OF 2015

By the end of the NEXT DAY 2015, delegates will be able to:

Describe and discuss advances in ICM

Discuss new findings in ICM

Identify areas where there are gaps in learning (unperceived needs) not realized before attending the congress and extend this professional learning after the congress to the enhanced care of patients

Feel confident and competent to manage ICM challenges/crisis on

Feel confident and competent to lead ICM team around patient on call

Consult and discuss patients with other specialties in a constructive and meaningful way

Communicate with patients and relatives

Organise ICU and work processes and prioritise effectively

Use ESICM and ESICM NEXT tools to obtain and share information

Be active part of the ESICM/ESICM NEXT community and their projects

Gain useful information and contacts for professional development and research projects

Chair: Bjoern Weiss (Berlin, Germany)

Chair: Hannah Wunsch (New York, United States)

#### Multimodal neuromonitoring

14:30

Speaker: Mauro Oddo (Lausanne, Switzerland)

#### A guideline on the night shift: Friend or foe?

14:50

Speaker: Julian Bion (Birmingham, United Kingdom)

#### Systemic haemodynamics and organ perfusion - A mismatch?

15:10

Speaker: Jukka Takala (Bern, Switzerland)

#### Immunocompromised patient

15:30

Speaker: Elie Azoulay (Paris, France)

#### Post Intensive Care Unit syndrome

15:50

Speaker: Hannah Wunsch (New York, United States)

#### Renal biomarkers

16:10

Speaker: John Kellum (Pittsburgh, United States)

Postgraduate Course  
14:50 - 16:10

R2

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

Chair: Lui Forni (Guildford, 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)

## Scientific Programme

<b>Electrolyte balance and RRT</b> Speaker: Marlies Ostermann (London, United Kingdom)	<b>15:50</b>
Thematic Session 17:00 - 18:40	Berlin
<b>OPENING SESSION</b>	
<b>Welcome address</b> Speaker: Daniel De Backer (Brussels, Belgium)	<b>17:00</b>
<b>Presentation of Honorary Membership to recipients: Derek Angus, Johan Groeneveld, John Marini &amp; Konrad Reinhart</b> Speaker: Massimo Antonelli (Rome, Italy)	<b>17:15</b>
<b>The flip side of the coin</b> Speaker: Mitchell Levy (Providence, United States)	<b>17:20</b>
<b>Presentation of ESICM Medal to Andrew Rhodes</b> Speaker: Geoffrey Bellington (London, United Kingdom)	<b>17:40</b>
<b>Full disclosure of health performance data: How should we share with the public?</b> Speaker: Andrew Rhodes (London, United Kingdom)	<b>17:45</b>
<b>Thinking immune thoughts</b> Speaker: Peter Pickkers (Nijmegen, Netherlands)	<b>18:05</b>
<b>28th congress highlights</b> Speaker: Jozef Kesecioglu (Utrecht, Netherlands)	<b>18:25</b>
<b>Closing remarks &amp; exhibition opening</b> Speaker: Daniel De Backer (Brussels, Belgium)	<b>18:35</b>

## Scientific Programme

### Monday, 05 October 2015

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Keynote Lecture  
08:00 - 08:25

Berlin

#### **LUNG PROTECTION DURING MECHANICAL VENTILATION: A 500 YEAR JOURNEY**

Chair: Jozef Kesecioglu (Utrecht, Netherlands)

##### **Presentation**

**08:00**

Speaker: Arthur Slutsky (Toronto, Canada)

Thematic Session  
08:30 - 09:30

Berlin

#### **HYPERCAPNIA - TO INDUCE, PERMIT, OR AVOID?**

Chair: Claude Guérin (Lyon, France)

Chair: John Laffey (Toronto, Canada)

##### **Hypercapnia is safe and well tolerated in the critically ill**

**08:30**

Speaker: Brian Kavanagh (Toronto, Canada)

##### **Discussion**

**08:45**

##### **Avoid hypercapnia - Use extracorporeal CO2 removal**

**08:50**

Speaker: Luciano Gattinoni (Milan, Italy)

##### **Discussion**

**09:05**

##### **The future for CO2 management in the critically ill**

**09:10**

Speaker: Antonio Pesenti (Monza, Italy)

##### **Discussion**

**09:25**

Thematic Session  
08:30 - 09:30

Athens

#### **INTENSIVE CARE FOR NEUROSURGICAL INTERVENTIONS**

Chair: Nino Stocchetti (Milan, Italy)

Chair: Mauro Oddo (Lausanne, Switzerland)

##### **Elective neurosurgery patients: Should we admit to ICU?**

**08:30**

Speaker: Peter Horn (Wiesbaden, Germany)

##### **Discussion**

**08:45**

##### **Postoperative CT scan: Is it worth doing?**

**08:50**

Speaker: Nino Stocchetti (Milan, Italy)

##### **Discussion**

**09:05**



## Scientific Programme

<b>Immediate versus delayed awakening</b>	<b>09:10</b>
Speaker: Raimund Helbok (Innsbruck, Austria)	
<b>Discussion</b>	<b>09:25</b>

Thematic Session  
08:30 - 09:30

Barcelona

### HOW TO CREATE COMPLIANCE TO GUIDELINES?

Chair: Akos Csomos (Budapest, Hungary)  
Chair: Julian Bion (Birmingham, United Kingdom)

<b>Why is it so difficult?</b>	<b>08:30</b>
Speaker: Christina Agvald-Öhman (Stockholm, Sweden)	
<b>Discussion</b>	<b>08:45</b>
<b>Using electronic records</b>	<b>08:50</b>
Speaker: Bertrand Guidet (Paris, France)	
<b>Discussion</b>	<b>09:05</b>
<b>Checklists and care bundles</b>	<b>09:10</b>
Speaker: Andrew Rhodes (London, United Kingdom)	
<b>Discussion</b>	<b>09:25</b>

Thematic Session  
08:30 - 09:30

Stockholm

### ICM: YEAR IN REVIEW 1

Chair: Elie Azoulay (Paris, France)  
Chair: Anders Perner (Copenhagen, Denmark)

<b>Acute respiratory failure</b>	<b>08:30</b>
Speaker: Samir Jaber (Montpellier, France)	
<b>Discussion</b>	<b>08:45</b>
<b>RCTs and systematic reviews</b>	<b>08:48</b>
Speaker: Anders Perner (Copenhagen, Denmark)	
<b>Discussion</b>	<b>09:03</b>
<b>Sepsis and septic shock</b>	<b>09:06</b>
Speaker: Dominique Benoit (Ghent, Belgium)	
<b>Discussion</b>	<b>09:21</b>
<b>ICM: An ESICM journal</b>	<b>09:24</b>
Speaker: Daniel De Backer (Brussels, Belgium)	

## Scientific Programme

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

Vienna

### ICM EXPERIMENTAL 1: CLINICO-PATHOPHYSIOLOGICAL INSIGHTS INTO

Chair: Can Ince (Amsterdam, Netherlands)  
Chair: Sheldon Magder (Montreal, Canada)

<b>Stroke</b>	<b>08:30</b>
Speaker: Elisa Zanier (Milan, Italy)	
<b>Discussion</b>	<b>08:45</b>
<b>AKI</b>	<b>08:50</b>
Speaker: Matthieu Legrand (Paris, France)	
<b>Discussion</b>	<b>09:05</b>
<b>ARDS</b>	<b>09:10</b>
Speaker: Danny McAuley (Belfast, Ireland)	
<b>Discussion</b>	<b>09:25</b>

Thematic Session  
08:30 - 09:30

NEXT Lounge

### NEXT LOUNGE - MEET THE EXPERTS

Chair: Adrian Wong (Portsmouth, United Kingdom)

<b>Goal directed haemodynamic: The bridge from theatre to ICU</b>	<b>08:30</b>
Speaker: Michael Pinsky (Pittsburgh, United States)	
Speaker: Azriel Perel (Tel Aviv, Israel)	

LIVES Interactive Debates  
08:30 - 09:30

Hall 7

### PHYSICIAN-ASSISTED SUICIDE: "GAME OVER!" FOR HUMANITY?

Chair: Armand Girbes (Amsterdam, Netherlands)

<b>Debate</b>	<b>08:30</b>
Speaker: Andrej Michalsen (Tettnang, Germany)	
Speaker: Bob Truog (Boston, United States)	
Speaker: Doug White (Pittsburgh, United States)	

Clinical Challenges Session  
08:40 - 09:30

Lisbon

### HOW DO I MANAGE INTRACTABLE HYPOTENSION IN SEPSIS?

Chair: Antonio Artigas (Barcelona, Spain)

## Scientific Programme

### Presentation

Speaker: Mervyn Singer (London, United Kingdom)

Clinical Challenges Session  
08:40 - 09:30

Rome

### HOW DO I CHOOSE THE RIGHT HAEMODYNAMIC MONITORING DEVICE?

Chair: Thomas Scheeren (Groningen, Netherlands)

### Presentation

Speaker: Xavier Monnet (Kremlin-Bicetre, France)

Clinical Challenges Session  
08:40 - 09:30

Geneva

### HOW DO I DEAL WITH FUNGAL INFECTIONS WHEN THE CONVENTIONAL TREATMENT FAILS?

Chair: Christian Brun-Buisson (Créteil, France)

### Presentation

Speaker: Philippe Eggimann (Lausanne, Switzerland)

Clinical Challenges Session  
08:40 - 09:30

Paris

### HOW DO I PREPARE AN ANAEMIC PATIENT FOR SURGERY?

Chair: Robert Sladen (New York, United States)

### Presentation

Speaker: Christian Von Heymann (Berlin, Germany)

Clinical Challenges Session  
08:40 - 09:30

Glasgow

### HOW DO I TREAT FLUID OVERLOAD: MODIFIABLE RISK FACTOR IN CRITICAL ILLNESS?

Chair: Lui Forni (Guildford, United Kingdom)

### Presentation

Speaker: Mink Chawla (Washington, United States)

## Scientific Programme

Oral Presentations  
09:40 - 11:00

Berlin

### IMPROVEMENT OF ANTIMICROBIAL USE

Chair: Claude Martin (Marseille, France)  
Chair: George Dimopoulos (Athens, Greece)

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| <b>EXTENDED-SPECTRUM BETA-LACTAMASE-PRODUCING ENTEROBACTERIACEAE IN CRITICALLY ILL PATIENTS: IMPACT OF CARRIAGE AND INFECTION ON CARBAPENEM CONSUMPTION, DURATION OF ICU STAY, AND MORTALITY</b> | <b>09:40</b> |
| Abstract Presenter: François Barbier (Orléans, France)   |              |
| <b>EVALUATION OF ANTIBIOTIC TREATMENT AND ANTIBIOTIC DE-ESCALATION IN A INTENSIVE CARE UNIT WITH SELECTIVE DIGESTIVE DECONTAMINATION</b>   | <b>09:55</b> |
| Abstract Presenter: Catalina Sánchez Ramirez (Las Palmas de Gran Canaria, Spain)   |              |
| <b>DE-ESCALATING ANTI-PSEUDOMONAL <math>\beta</math>-LACTAMS</b>   | <b>10:10</b> |
| Abstract Presenter: Julie Catteeuw (Ghent, Belgium)  |              |
| <b>A RADICAL APPROACH TO DIAGNOSING INFECTION</b>  | <b>10:25</b> |
| Abstract Presenter: Niall MacCallum (London, United Kingdom)   |              |
| <b>ANTIFUNGAL DE-ESCALATION IS SAFE IN CRITICALLY ILL PATIENTS TREATED FOR SUSPECTED OR DOCUMENTED INVASIVE CANDIDIASIS. DATA FROM THE AMARCAND2 STUDY</b>                                       | <b>10:40</b> |
| Abstract Presenter: Sébastien Bailly (Grenoble, France)  |              |

Oral Presentations  
09:40 - 11:00

Athens

### MECHANICAL VENTILATION IN WEANING AND ARDS

Chair: Laurent Brochard (Toronto, Canada)  
Chair: Marcus Schultz (Amsterdam, Netherlands)

- |   |              |
|---|--------------|
| <b>CONTEMPORARY VENTILATION STRATEGIES AND ADJUNCTIVE THERAPIES FOR ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS)</b>  | <b>09:40</b> |
| Abstract Presenter: Erick H. Duan (Hamilton, Canada)  |              |
| <b>ULTRA-LOW TIDAL VOLUMES AND EXTRACORPOREAL CARBON DIOXIDE REMOVAL (HEMOLUNG® RAS) IN ARDS PATIENTS. A CLINICAL FEASIBILITY STUDY</b>   | <b>09:55</b> |
| Abstract Presenter: Francisco José Parrilla (Barcelona, Spain)  |              |
| <b>EFFECTS OF POSITIVE END EXPIRATORY PRESSURE ON REGIONAL VENTILATION-PERFUSION MATCHING AND RESPIRATORY MECHANICS: A CLINICAL STUDY</b>   | <b>10:10</b> |
| Abstract Presenter: Cecilia Turrini (Milan, Italy)  |              |
| <b>IMPACT OF THE ASSIST VENTILATION MODE ON WORK OF BREATHING (WOB): NEURALLY ADJUSTED VENTILATORY ASSIST (NAVA) VERSUS PRESSURE SUPPORT VENTILATION (PSV) VERSUS PROPORTIONAL ASSIST VENTILATION PLUS (PAV+)</b> | <b>10:25</b> |
| Abstract Presenter: Rosa Di Mussi (Bari, Italy)   |              |

## Scientific Programme

### **LUNG DEPOSITION OF A RADIOLABELED AEROSOL WITH TWO VENTILATION MODALITIES DURING INVASIVE MECHANICAL VENTILATION: A RANDOMIZED COMPARATIVE STUDY**

**10:40**

Abstract Presenter: Jonathan Dugernier (Brussels, Belgium)

Oral Presentations  
09:40 - 11:00

Barcelona

### **A NEW PERSPECTIVE AT OUTLOOK, TREATMENT & MONITORING**

Chair: Marlies Ostermann (London, United Kingdom)  
Chair: Salvatore Maggiore (Rome, Italy)

#### **LONG TERM MORTALITY AND RISK OF END-STAGE RENAL DISEASE FOLLOWING ACUTE RRT IN ICU PATIENTS**

**09:40**

Abstract Presenter: Robin Lohse (Copenhagen, Denmark)

#### **HIGH FIDELITY SIMULATION FOR NURSE TRAINING REDUCES UNPLANNED INTERRUPTION OF CONTINUOUS VENO-VENOUS HEMOFILTRATION SESSIONS IN CRITICALLY ILL PATIENTS. A RANDOMISED CONTROLLED STUDY**

**09:55**

Abstract Presenter: Sigismond Lasocki (Angers, France)

#### **CONTINUOUS MONITORING OF URINE OUTPUT AND HEMODYNAMIC DISTURBANCES IMPROVES EARLY DETECTION OF ACUTE KIDNEY INJURY DURING FIRST WEEK OF ICU STAY**

**10:10**

Abstract Presenter: Marine Flechet (Leuven, Belgium)

#### **PROGNOSTIC FACTORS IN THE DEVELOPMENT OF PERMANENT RENAL INJURY IN PATIENTS UNDERGOING CARDIAC SURGERY**

**10:25**

Abstract Presenter: Candela Rodriguez Mejias (Granada, Spain)

#### **HIGHER BALANCED SOLUTION USE IS ASSOCIATED WITH LESS SEVERE KIDNEY INJURY AND MORTALITY: A MIMIC 2 ANALYSIS**

**10:40**

Abstract Presenter: Fernando Zampieri (São Paulo, Brazil)

Oral Presentations  
09:40 - 11:00

Lisbon

### **FLUID THERAPY**

Chair: Azriel Perel (Tel Aviv, Israel)  
Chair: Antoine Vieillard-Baron (Boulogne, France)

#### **EFFECTS OF PASSIVE LEG RAISING AND VOLUME EXPANSION ON MEAN SYSTEMIC PRESSURE AND VENOUS RETURN IN SHOCK IN HUMANS**

**09:40**

Abstract Presenter: Laurent Guérin (Le Kremlin Bicêtre, France)

#### **THE MINI-SIGH TEST: A NEW HAEMODYNAMIC TEST OF FLUID RESPONSIVENESS IN ICU PATIENTS UNDERGOING PRESSURE SUPPORT VENTILATION**

**09:55**

Abstract Presenter: Antonio Messina (Novara, Italy)

## Scientific Programme

**BALANCED CRYSTALLOID USE IS ASSOCIATED WITH HAEMODYNAMIC STABILITY AND LESS NEED FOR VASOPRESSORS IN PATIENTS RECEIVING RENAL TRANSPLANTATION COMPARED TO 0.9% SALINE** **10:10**

Abstract Presenter: Carmen A. Pfortmueller (Vienna, Austria)

**THE PASSIVE LEG RAISING TEST TO GUIDE FLUID REMOVAL IN CRITICALLY ILL PATIENTS** **10:25**

Abstract Presenter: Xavier Monnet (Kremlin-Bicetre, France)

**CHANGES ON MEAN SYSTEMIC FILLING PRESSURE AND MICROCIRCULATION AFTER A FLUID CHALLENGE** **10:40**

Abstract Presenter: Hollmann D Aya (London, United Kingdom)

Oral Presentations  
09:40 - 11:00

Rome

### SAFETY, QUALITY AND ORGANISATION OF THE ICU 1

Chair: Akos Csomos (Budapest, Hungary)  
Chair: Julian Bion (Birmingham, United Kingdom)

**ONGOING HEALTH CARE EXPENDITURE IN SURVIVORS OF SEPSIS IN THE INTENSIVE CARE UNIT** **09:40**

Abstract Presenter: Marlies Koster-Brouwer (Utrecht, Netherlands)

**FAMILY SATISFACTION WITH CRITICAL CARE IN THE UNITED KINGDOM** **09:55**

Abstract Presenter: Stephen E. Wright (Newcastle upon Tyne, United Kingdom)

**OUTCOME OF MANUSCRIPTS REJECTED FROM INTENSIVE CARE MEDICINE: AN IN SILICO STUDY** **10:10**

Abstract Presenter: Chiara Marzorati (Milano, Italy)

**A CLUSTER RANDOMISED TRIAL OF A MULTIFACETED QUALITY IMPROVEMENT INTERVENTION IN BRAZILIAN INTENSIVE CARE UNITS** **10:25**

Abstract Presenter: Alexandre B. Cavalcanti (São Paulo, Brazil)

**GEOGRAPHICAL VARIATION IN USE OF INTENSIVE CARE IN DENMARK: A NATIONWIDE STUDY** **10:40**

Abstract Presenter: Anne Høy Seemann Vestergaard (Aarhus N, Denmark)

Oral Presentations  
09:40 - 11:00

Geneva

### MANAGEMENT OF DELIRIUM, SEDATION AND ANALGESIA

Chair: Arjen Slooter (Utrecht, Netherlands)  
Chair: Alawi Lütz (Berlin, Germany)

**ARE DAILY SEDATION STOPS SAFE IN A MEDICAL ICU?** **09:40**

Abstract Presenter: Anne-Sophie Debue (Paris, France)

## Scientific Programme

<b>EVALUATION OF RICHMOND AGITATION SEDATION SCALE ACCORDING TO ALVEOLAR CONCENTRATION OF SEVOFLURANE DURING A SEDATION WITH SEVOFLURANE IN ICU PATIENTS</b>	<b>09:55</b>
Abstract Presenter: Sebastien Perbet (Clermont-Ferrand, France)	
<b>PSYCHOTROPIC DRUG USE BEFORE AND DURING PHYSICAL RESTRAINT FOR MECHANICALLY VENTILATED CRITICALLY ILL ADULTS</b>	<b>10:10</b>
Abstract Presenter: Lisa Burry (Toronto, Canada)	
<b>RISK FACTORS AND PROGNOSTIC IMPACT OF SLEEP ALTERATIONS IN ICU PATIENTS - A PROSPECTIVE OBSERVATIONAL POLYSOMNOGRAPHIC STUDY</b>	<b>10:25</b>
Abstract Presenter: Alexandre Demoule (Paris, France)	
<b>SYSTEMIC CORTICOSTEROIDS AND TRANSITION TO DELIRIUM IN CRITICALLY ILL PATIENTS</b>	<b>10:40</b>
Abstract Presenter: Annemiek E. Wolters (Utrecht, Netherlands)	

Oral Presentations  
09:40 - 11:00

Paris

## UPDATE IN TRAUMA INTENSIVE CARE

Chair: Kjetil Sunde (Oslo, Norway)  
Chair: Karim Asehnoune (Nantes, France)

<b>S-100 B CONCENTRATIONS ARE A PREDICTOR OF DECREASED SURVIVAL IN PATIENTS WITH MAJOR TRAUMA INDEPENDENTLY OF HEAD INJURY</b>	<b>09:40</b>
Abstract Presenter: Carmen A. Pfortmueller (Vienna, Austria)	
<b>LONG TERM MORTALITY IN CRITICALLY ILL BURN SURVIVORS</b>	<b>09:55</b>
Abstract Presenter: Kenneth B. Christopher (Boston, United States)	
<b>HYPERGLYCEMIA DURING ACUTE SPINAL CORD INJURY IS A DETRIMENTAL FACTOR THAT IMPAIRS FUNCTIONAL IMPROVEMENT IN ACUTE C3-C4 CERVICAL CORD INJURY PATIENTS WITHOUT ANY BONY DAMAGES</b>	<b>10:10</b>
Abstract Presenter: Kensuke Kubota (Fukuoka, Japan)	
<b>THIOREDOXIN IN POST-INJURY SEPSIS AND ARDS</b>	<b>10:25</b>
Abstract Presenter: Andreas Gidlöf (Stockholm, Sweden)	
<b>THE ROLE OF MICRORNAs IN THE DEVELOPMENT OF HOSPITAL ACQUIRED INFECTION IN POLYTRAUMA PATIENTS</b>	<b>10:40</b>
Abstract Presenter: Helen C. Owen (London, United Kingdom)	

Oral Presentations  
09:40 - 11:00

Glasgow

## CARING FOR PATIENTS, FAMILIES AND CAREGIVERS

Chair: Rik Gerritsen (Leeuwarden, Netherlands)  
Chair: Hanne Jensen (Vejle, Denmark)

## Scientific Programme

<b>ATTENDING ICU PHYSICIANS AND RESIDENTS DO NOT AGREE ABOUT THE APPLICABILITY OF ADVANCE DIRECTIVES</b>	<b>09:40</b>
Abstract Presenter: Nadja Leder (Jena, Germany)	
<b>PREDICTORS OF POST-INTENSIVE CARE SYNDROME IN FAMILY MEMBERS OF PATIENTS WITH SEVERE SEPSIS</b>	<b>09:55</b>
Abstract Presenter: Daniel Schwarzkopf (Jena, Germany)	
<b>PALLIATIVE CARE TEAM CONSULTATION: CIRCUMSTANCES SURROUNDING PATIENTS DEATHS AT THE ICU</b>	<b>10:10</b>
Abstract Presenter: Cesar Biselli-Ferreira (São Paulo, Brazil)	
<b>EFFECTIVENESS OF DEBRIEFING IN HYBRID SIMULATION FOR COMMUNICATION SKILLS TRAINING IN END-OF-LIFE CARE</b>	<b>10:25</b>
Abstract Presenter: Chih-Wei Yang (Taipei, Taiwan, Province of China)	
<b>A MULTIFACETED PROGRAMME TO PROMOTE BETTER LIVING IN ICU: IMPACT ON CAREGIVERS' BURNOUT</b>	<b>10:40</b>
Abstract Presenter: Pierre-Marie Bertrand (Cannes, France)	

Oral Presentations  
09:40 - 11:00

Stockholm

## METABOLIC DYSFUNCTION IN CRITICAL ILLNESS

Chair: Michael Hiesmayr (Vienna, Austria)  
Chair: Steffen Weber-Carstens (Berlin, Germany)

<b>WITHHOLDING STRESS ULCER PROPHYLAXIS TO MECHANICALLY VENTILATED ENTERALLY-FED CRITICALLY ILL PATIENTS APPEARS SAFE: A RANDOMISED DOUBLE-BLIND PLACEBO CONTROLLED PILOT STUDY</b>	<b>09:40</b>
Abstract Presenter: Shane Patrick Selvanderan (Adelaide, Australia)	
<b>ALBUMIN SYNTHESIS IN STATES OF INFLAMMATION</b>	<b>09:55</b>
Abstract Presenter: Åke Norberg (Stockholm, Sweden)	
<b>BIOENERGETICS AND METABOLIC PATTERNS IN EARLY ONSET SEVERE SEPSIS OR TRAUMA</b>	<b>10:10</b>
Abstract Presenter: T. Tavladaiki (Heraklion, Greece)	
<b>CRITICALLY ILL PATIENTS WITH ICU-ACQUIRED WEAKNESS SHOW REDUCED DENSITY OF MYOSIN IN ELECTRON MICROSCOPE EARLY AFTER ONSET OF CRITICAL ILLNESS</b>	<b>10:25</b>
Abstract Presenter: Theresa Rathke (Berlin, Germany)	
<b>DIFFERENCES IN FAT METABOLISM BETWEEN PREDICTED SURVIVORS AND NON-SURVIVORS OF FAECAL PERITONITIS</b>	<b>10:40</b>
Abstract Presenter: Anna Kleyman (Jena, Germany)	



## Scientific Programme

Oral Presentations  
09:40 - 11:00

Vienna

### FROM TRANSLATIONAL TO CLINICAL DATA

Chair: José Artur Paiva (Porto, Portugal)  
Chair: Ricard Ferrer Roca (Barcelona, Spain)

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|---|--------------|
| <b>SEPSIS ENDOTYPES DEFINED BY CYTOKINE TRAJECTORY ANALYSIS</b>   | <b>09:40</b> |
| Abstract Presenter: Gilles Clermont (Pittsburgh, United States)   |              |
| <b>THE EFFECT OF EARLY GOAL-DIRECTED THERAPY ON OUTCOME IN ADULT SEVERE SEPSIS AND SEPTIC SHOCK PATIENTS: A META-ANALYSIS OF RANDOMISED CLINICAL TRIALS</b> | <b>09:55</b> |
| Abstract Presenter: Jingyuan Xu (Nanjing, China)  |              |
| <b>DETERMINANTS AND PROGNOSTIC VALUE OF SEPSIS-ASSOCIATED ENCEPHALOPATHY: INSIGHTS FROM THE PROSPECTIVE MULTICENTRE OUTCOMEREA REGISTRY</b>                 | <b>10:10</b> |
| Abstract Presenter: Julien Poujade (Paris, France)  |              |
| <b>LONG-TERM FOLLOW-UP OF SEPSIS INDUCED IMMUNOPARALYSIS</b>  | <b>10:25</b> |
| Abstract Presenter: Meera Raja (London, United Kingdom)   |              |
| <b>EPIDEMIOLOGY OF SEPSIS IN GERMANY: INCIDENCE, MORTALITY AND ASSOCIATED COSTS OF CARE 2007-2013</b>   | <b>10:40</b> |
| Abstract Presenter: Carolin Fleischmann (Jena, Germany)   |              |

Thematic Session  
09:40 - 11:00

NEXT Lounge

### NEXT LOUNGE - DEBATE

Chair: Stephen Shepherd (London, United Kingdom)

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|--|--------------|
| <b>Decision-making under pressure: Beyond SOP?</b> | <b>09:40</b> |
| Speaker: Jean-Louis Vincent (Brussels, Belgium)    |              |
| Speaker: Claudia Spies (Berlin, Germany)           |              |
| Speaker: Jozef Kesecioglu (Utrecht, Netherlands)   |              |

LIVES Interactive Debates  
09:45 - 10:45

Hall 7

### MOBILISATION - BENEFITS TO PATIENTS VS. BURDEN ON STAFF

Chair: Julie Benbenishty (Jerusalem, Israel)

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|--|--------------|
| <b>Debate</b>  | <b>09:45</b> |
| Speaker: Carole Boulanger (Exeter, United Kingdom)     |              |
| Speaker: Stijn Blot (Ghent, Belgium)                   |              |
| Speaker: David McWilliams (Birmingham, United Kingdom) |              |

## Scientific Programme

Poster Corner  
10:10 - 12:00

Poster Corner

### CVVH MEMBRANES & COAGULATION IN AKI

Chair: Michael Darmon (Saint-Etienne, France)  
Chair: Olivier Joannes-Boyau (Pessac, France)

#### **IS CONTRAST-ASSOCIATED ACUTE KIDNEY INJURY (CA-AKI) ASSOCIATED TO THE TYPE OF HOSPITAL AND ICU? PRELIMINARY RESULTS OF THE NEFROCON STUDY**

Abstract Presenter: Carmen Gomez-Gonzalez (Sevilla, Spain)

#### **PREVENTIVE MEASURES FOR DEVELOPMENT OF CONTRAST ASSOCIATED ACUTE KIDNEY INJURY IN CRITICAL PATIENTS. PRELIMINARY RESULTS OF THE NEFROCON STUDY**

Abstract Presenter: Sonia Mas-Font (Castellón, Spain)

#### **RISK FACTORS OF CONTRAST-ASSOCIATED ACUTE KIDNEY INJURY IN SPANISH INTENSIVE CARE PATIENTS: PRELIMINARY RESULTS OF THE NEFROCON STUDY**

Abstract Presenter: Sonia Mas-Font (Castellón, Spain)

#### **DETERMINANTS OF RENAL RECOVERY AND MORTALITY IN PATIENTS UNDERGOING CONTINUOUS RENAL REPLACEMENT THERAPY IN THE ICU**

Abstract Presenter: Patrick J. Gleeson (Brussels, Belgium)

#### **COMPARISON BETWEEN SUSTAINED LOW-EFFICIENCY DIALYSIS (SLED) AND CONTINUOUS RENAL REPLACEMENT THERAPY (CRRT) IN PATIENTS OF SEPTIC SHOCK: A RANDOMIZED CONTROLLED TRIAL**

Abstract Presenter: Shakti B. Mishra (Lucknow, India)

#### **DYNAMICS OF THE DOSAGE OF CITRATE-CALCIUM INFUSION REGIMENS AS ANTICOAGULATION IN CONTINUOUS VENOVENOUS HEMODIAFILTRATION**

Abstract Presenter: Helena Marin Mateos (Madrid, Spain)

#### **EXPERIENCE OF PLASMAPHERESIS PERFORMED WITH CRRT MONITORS BY ICU STAFF**

Abstract Presenter: Marta Yagüe-Huertas (Alcorcón, Spain)

#### **EFFECTS OF HIGH-VOLUME HEMOFILTRATION ON LUNG OXYGENATION IN PATIENTS WITH SEPTIC SHOCK**

Abstract Presenter: Eugene A. Tishkov (Moscow, Russian Federation)

#### **ROLE OF BLOOD CULTURES DURING CONTINUOUS RENAL REPLACEMENT THERAPY IN SEPTIC PATIENTS**

Abstract Presenter: Pablo Cuesta-Montero (Albacete, Spain)

#### **SLOW CONTINUOUS DIALYSIS TREATMENT IN SEPTIC SHOCK CAUSED BY ACINETOBACTER**

Abstract Presenter: Selda Sen (Aydin, Turkey)

#### **A NOVEL APPROACH TO THE TREATMENT OF ACUTE RENAL FAILURE ASSOCIATED WITH RHABDOMYOLYSIS**

Abstract Presenter: Tommaso Laddomada (Zingonia, Italy)

#### **COMPARISON OF THE EFFICACY BETWEEN CONTINUOUS HEMODIAFILTRATION WITH POLYMETHYLMETHACRYLATE (PMMA) MEMBRANE HEMOFILTER CH-1.8W® AND WITH PMMA MEMBRANE DIALYZER BK-2.1P® IN THE TREATMENT OF CRITICALLY ILL PATIENTS**

Abstract Presenter: Daiki Harada (Yamanashi, Japan)

#### **STABILITY OF CITRATE AND CALCIUM DOSING IN CITRATE RENAL REPLACEMENT THERAPY**

Abstract Presenter: Farzad Sadaat (Guildford, United Kingdom)

## Scientific Programme

### **CONTRAST-ASSOCIATED ACUTE KIDNEY INJURY (CA-AKI) ACCORDING TO THE TYPE AND DOSE OF CONTRAST IN CONTRAST-ENHANCED RADIOGRAPHIC EXAMINATIONS. PRELIMINARY RESULTS OF THE NEFROCON STUDY**

Abstract Presenter: Carmen Gomez-Gonzalez (Sevilla, Spain)

Poster Corner  
10:10 - 12:00

Poster Corner

## **ACUTE RESPIRATORY FAILURE CLINICAL STUDIES 1**

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

### **LUNG INHOMOGENEITIES, INFLATION AND [18F]FDG UPTAKE RATE IN ARDS**

Abstract Presenter: Massimo Cressoni (Milan, Italy)

### **ANGIOTENSIN CONVERTING ENZYMES IN PATIENTS WITH ACUTE RESPIRATORY DISTRESS SYNDROME**

Abstract Presenter: Filippo Annoni (Bruxelles, Belgium)

### **PLEURAL EFFUSION IN DIFFICULT WEANING FROM MECHANICAL VENTILATION**

Abstract Presenter: Martin Dres (Paris, France)

### **THE EFFECT OF PRONE VERSUS SUPINE POSITIONING IN MORTALITY AMONG ADULT PATIENTS WITH MODERATE TO SEVERE ACUTE RESPIRATORY DISTRESS SYNDROME: A META-ANALYSIS**

Abstract Presenter: Joey Tabula (Manila, Philippines)

### **IMPACT OF SEPSIS ON THE DYNAMICS OF DIAPHRAGMATIC FUNCTION IN PATIENTS UNDER MECHANICAL VENTILATION**

Abstract Presenter: Martin Dres (Paris, France)

### **OUTCOME OF PATIENTS WITH INITIAL NON-MECHANICAL VENTILATION MANAGEMENT IN SEVERE PNEUMONIA**

Abstract Presenter: Alejandro Ortín (Cartagena, Spain)

### **USEFULNESS OF LUNG BIOPSY IN CRITICALLY ILL PATIENTS UNDERGOING MECHANICAL VENTILATION**

Abstract Presenter: Judith Marin-Corral (Tarragona, Spain)

### **A STUDY ON THE ROLE OF MEASURING ABDOMINAL PRESSURE IN DURING WEANING FROM MECHANICAL VENTILATION**

Abstract Presenter: Mohamed Omar Elghonemi (Cairo, Egypt)

### **HIGH-FLOW NASAL CANNULA OXYGEN THERAPY VERSUS NONINVASIVE VENTILATION VERSUS IN IMMUNOCOMPROMISED PATIENTS WITH ACUTE RESPIRATORY FAILURE**

Abstract Presenter: Remi Coudroy (Poitiers, France)

### **THE EFFECT OF PRESENTING COMPLAINT ON THE RISK OF DEVELOPING VENTILATOR-ASSOCIATED PNEUMONIA FOR PATIENTS INTUBATED IN AN ACADEMIC EMERGENCY DEPARTMENT**

Abstract Presenter: Lawrence DeLuca (Tucson, United States)

### **‘STAR GROUP’ MECHANICAL VENTILATION MULTICENTRE SNAPSHOT AUDIT AND SURVEY**

Abstract Presenter: Christopher P. Newell (Bath, United Kingdom)

## Scientific Programme

### **ASSESSMENTS OF PATIENTS' EXPERIENCES OF BREATHLESSNESS DURING A SPONTANEOUS BREATHING TRIAL**

Abstract Presenter: Hege Selnes Haugdahl (Levanger, Norway)

Poster Corner  
10:10 - 12:00

Poster Corner

## **NON-INVASIVE VENTILATION**

Chair: Miquel Ferrer (Barcelona, Spain)  
Chair: Diederik Gommers (Rotterdam, Netherlands)

### **HIGH-FLOW OXYGEN THERAPY FOR EXTUBATION FAILURE PREVENTION IN HIGH-RISK CRITICALLY ILL PATIENTS: A RANDOMIZED MULTICENTER TRIAL**

Abstract Presenter: Rafael Fernandez (Manresa, Spain)

### **EFFECT OF HIGH-FLOW NASAL CANNULA OXYGEN ON DIAPHRAGMATIC EXCURSION AND LUNG VOLUMES DETERMINED BY ELECTRICAL IMPEDANCE TOMOGRAPHY**

Abstract Presenter: Sebastien Perbet (Clermont-Ferrand, France)

### **HIGH FLOW NASAL CANNULA OXYGEN (HFNC) VERSUS NON-INVASIVE POSITIVE PRESSURE VENTILATION (NIPPV) IN ACUTE HYPOXEMIC RESPIRATORY FAILURE. A PILOT RANDOMIZED CONTROLLED TRIAL**

Abstract Presenter: Jose R. Azevedo (Sao Luis, Brazil)

### **THE COMPARISON OF TWO DIFFERENT WEANING TRIAL METHODS FOR PATIENTS WITH CHRONIC OBSTRUCTIVE LUNG DISEASE (COPD) IN A CARDIOTHORACIC INTENSIVE CARE UNIT (ICU)**

Abstract Presenter: Tülin Akarsu Ayazoğlu (Istanbul, Turkey)

### **THE EFFECTS OF VENTILATOR SETTINGS, NEBULIZER AND EXHALATION PORT POSITIONS ON ALBUTEROL DELIVERY DURING NONINVASIVE VENTILATION: AN IN VITRO STUDY**

Abstract Presenter: Yuda Sutherasan (Genoa, Italy)

### **EFFECTIVENESS OF NONINVASIVE VENTILATION IN ACUTE HEART FAILURE EDEMA SECONDARY TO ACUTE CORONARY SYNDROME**

Abstract Presenter: Jesus Canovas (Murcia, Spain)

### **NONINVASIVE VENTILATION AS A WEANING-FACILITATING STRATEGY**

Abstract Presenter: Angel Estella (Jerez de la Frontera, Spain)

### **THE ROLE OF NONINVASIVE VENTILATION IN PATIENTS WITH "DO NOT INTUBATE" ORDER IN THE EMERGENCY SETTING**

Abstract Presenter: Marta Vilaça (Porto, Portugal)

### **EFFICACY, SAFETY AND SIDE EFFECTS OF NONINVASIVE MECHANICAL VENTILATION (NIV) IN AN INTERNAL MEDICINE WARD**

Abstract Presenter: Aurelio Puleo (Palermo, Italy)

### **OUTCOMES OF PATIENTS RECEIVING NON-INVASIVE VENTILATION (NIV) IN THE GENERAL INTENSIVE CARE UNIT: IS NIV DURATION AN IMPORTANT FACTOR?**

Abstract Presenter: Jamie Gross (London, United Kingdom)

### **NONINVASIVE VENTILATION IN THE EMERGENCY SETTING: PREDICTORS OF FAILURE AND LONG-TERM MORTALITY AND IMPACT ON HEALTH-RELATED QUALITY OF LIFE**

Abstract Presenter: Marta Vilaça (Porto, Portugal)

## Scientific Programme

### **HIGH FLOW NASAL CANNULA IMPROVES LUNG AERATION AND ENHANCES CO<sub>2</sub> REMOVAL IN HYPOXEMIC CRITICALLY ILL PATIENTS**

Abstract Presenter: Cecilia Turrini (Milan, Italy)

### **WEANING INDEXES DO NOT PREDICT SUCCESS WITH NON INVASIVE MECHANICAL VENTILATION IN EXTUBATION FAILURE**

Abstract Presenter: Oscar Torres (Mexico, Mexico)

Poster Corner  
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Poster Corner

## **CARDIAC ARREST: PROGNOSIS AND OUTCOME**

Chair: Fabio Silvio Taccone (Brussels, Belgium)

Chair: Janneke Horn (Amsterdam, Netherlands)

### **GENDER-RELATED DIFFERENCES AND SIMILARITIES IN ELIGIBILITY FOR CORONARY REPERFUSION AND OUTCOME AFTER OUT-OF-HOSPITAL CARDIAC ARREST**

Abstract Presenter: Wulfran Bougouin (Paris, France)

### **ASSESSMENT OF CHLORIDE LEVELS ON RENAL FUNCTION AFTER CARDIAC ARREST**

Abstract Presenter: Claudia Righy Shinotsuka (Bruxelles, Belgium)

### **OUTCOME OF IN HOSPITAL CARDIAC ARREST (IHCA) IN MECHANICALLY VENTILATED (MV) PATIENTS. A SINGLE CENTER STUDY**

Abstract Presenter: Mehdi Ould Chikh (Montpellier, France)

### **ASSESSMENT OF EARLY LYMPHOPENIA AFTER CARDIAC ARREST**

Abstract Presenter: Paola Vilhois (Bruxelles, Belgium)

### **IN-HOSPITAL CARDIAC ARREST IN PIEDMONT (ITALY): EPIDEMIOLOGY AND OUTCOMES**

Abstract Presenter: Francesca Rubulotta (London, United Kingdom)

### **CLINICAL CHARACTERISTICS AND OUTCOME OF PATIENTS WITH STATUS MYOCLONUS FOLLOWING OUT OF HOSPITAL CARDIAC ARREST**

Abstract Presenter: Mohammed Ishaq Ruknudeen (Adelaide, Australia)

### **AN OBSERVATIONAL STUDY OF POST CARDIAC ARREST MANAGEMENT AT A UK TERTIARY INTENSIVE CARE UNIT BETWEEN 2010 AND 2012**

Abstract Presenter: Avnit Mahal (Brighton, United Kingdom)

### **LACTATE AS PROGNOSTIC FACTOR AFTER OUT-OF-HOSPITAL CARDIAC ARREST TREATED BY THERAPEUTIC HYPOTHERMIA**

Abstract Presenter: Jean-Christophe Orban (Nice, France)

### **THERAPEUTIC HYPOTHERMIA IN CARDIAC ARREST SURVIVORS: IS REBOUND HYPERTHERMIA A SIGNIFICANT ISSUE WITH INTRAVASCULAR COOLING?**

Abstract Presenter: Tom Price (Northern Ireland, United Kingdom)

### **RED CELLS DISTRIBUTION WIDTH AFTER CARDIAC ARREST**

Abstract Presenter: Vito Fontana (Bruxelles, Belgium)

### **PREDICTIVE VALUE OF PHOSPHORYLATED NEURO-FILAMENT H AS A MARKER OF BRAIN INJURY AFTER CARDIAC ARREST**

Abstract Presenter: Sameh El Maraghi (Cairo, Egypt)

## Scientific Programme

### **ARTERIAL OXYGENATION AND MORTALITY IN PATIENTS ADMITTED TO INTENSIVE CARE FOLLOWING OUT-OF-HOSPITAL CARDIAC ARREST**

Abstract Presenter: Rajib Ahmed (Glasgow, United Kingdom)

### **CODE BLUE PROTOCOL: OBSERVATION AND ANALYSIS OF RESULTS OVER LAST 3 YEARS IN A NEW TERTIARY CARE HOSPITAL**

Abstract Presenter: Saroj Kumar Pattnaik (Bhubaneswar, India)

### **PREDICTING THE RETURN OF SPONTANEOUS CIRCULATION AFTER OUT-OF-HOSPITAL CARDIAC ARREST THROUGH BLOOD GAS ANALYSIS**

Abstract Presenter: Nao Umei (Okayama, Japan)

Poster Corner  
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Poster Corner

## **CARDIO-VASCULAR STUDIES 1**

Chair: Philippe Vignon (Limoges, France)  
Chair: Matthias Hilty (Zurich, Switzerland)

### **ELECTRICAL MUSCLE STIMULATION MOBILIZES ENDOTHELIAL PROGENITOR CELLS IN ICU PATIENTS**

Abstract Presenter: Christos Stefanou (Athens, Greece)

### **ASSESSMENT OF EDUCATIONAL NEEDS OF HEART FAILURE PATIENTS IN INTENSIVE CARE UNITS: QUALITATIVE STUDY**

Abstract Presenter: Betül Kiliç (Ankara, Turkey)

### **ATRIAL FIBRILLATION IN INTENSIVE CARE**

Abstract Presenter: Thomas Brown (Truro, United Kingdom)

### **DEXMETOMIDINE, FENTANYL AND ESMOLOL ON PREVENTION OF THE HEMODYNAMIC EFFECTS OF LARYNGOSCOPY AND ENDOTRACHEAL INTUBATION. A PROSPECTIVE, RANDOMIZED, DOUBLE-BLIND STUDY**

Abstract Presenter: Charalampos Pantazopoulos (Athens, Greece)

### **TOTAL INOTROPE EXPOSURE SCORE: AN EXTENSION OF THE VASOACTIVE INOTROPE SCORE**

Abstract Presenter: Harish Bangalore (London, United Kingdom)

### **THE BURDEN OF NEW ONSET ATRIAL FIBRILLATION IN THE INTENSIVE CARE UNIT (ICU). AN OBSERVATIONAL, PROSPECTIVE, SINGLE-CENTER STUDY**

Abstract Presenter: George Nakos (Ioannina, Greece)

### **AMPHOTERICIN B® TREATMENT CAUSES QT PROLONGATION IN LUNG TRANSPLANT-PATIENTS**

Abstract Presenter: Claus G. Krenn (Vienna, Austria)

### **PARAMETERS OF HEART RATE VARIABILITY IN THE CRITICALLY ILL SUBJECTS WITH DIFFERENT DISEASE CONDITIONS**

Abstract Presenter: Meldijana Omerbegovic (Sarajevo, Bosnia and Herzegovina)

### **HEPARINISED SALINE VERSUS NORMAL SALINE IN THE MAINTENANCE OF INVASIVE ARTERIAL LINES IN INTENSIVE CARE**

Abstract Presenter: Dan Freshwater-Turner (Bristol, United Kingdom)

## Scientific Programme

### **A COMPARISON OF GLOBAL END-DIASTOLIC VOLUME (GEDI) AND CENTRAL VENOUS PRESSURE (CVP) AS PARAMETER FOR VOLUMEN ASSESSMENT IN PATIENTS DURING MAJOR LIVER RESECTIONS**

Abstract Presenter: Francisco Javier Redondo Calvo (Ciudad Real, Spain)

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Poster Corner

## **MANAGEMENT AND OUTCOME 1**

Chair: Hans Flaatten (Bergen, Norway)  
Chair: J. Randall Curtis (Seattle, United States)

### **MEWS AT THE TIME OF ICU DISCHARGE IS ASSOCIATED WITH OUTCOME**

Abstract Presenter: Iwan A. Meynaar (Delft, Netherlands)

### **AN OBSERVATIONAL STUDY ON THE IMPACT OF THE SOCIO-ECONOMIC CRISIS IN GREECE ON ICU PATIENT RECRUITMENT**

Abstract Presenter: Savvoula Savvidou (Thessaloniki, Greece)

### **RETROSPECTIVE CONSENT IN CRITICAL CARE: HOW ACHIEVABLE IS IT?**

Abstract Presenter: Alexandra Carins (Liverpool, United Kingdom)

### **A STUDY TO EXAMINE THE FREQUENCY OF ADMISSIONS TO ICU IN RELATION TO THE HOUR OF ADMISSION**

Abstract Presenter: Aman Gupta (Redhill, United Kingdom)

### **BURNOUT AMONG DUTCH INTENSIVISTS**

Abstract Presenter: Iwan A. Meynaar (Delft, Netherlands)

### **ADULT DETERIORATION DETECTION SYSTEM (Q-ADDS) BASED RAPID RESPONSE SYSTEM (RRS) REDUCES SEVERITY OF ILLNESS AND LENGTH OF STAY OF ICU ADMISSIONS FROM THE WARD IN A REGIONAL HOSPITAL**

Abstract Presenter: Victoria K. Campbell (Nambour, Australia)

### **IMPACT OF EXTENDED CRITICAL CARE OUTREACH SERVICE WITH CONSULTANT INPUT AT QUEENS HOSPITAL**

Abstract Presenter: Nerea Muchoki (Romford, United Kingdom)

### **WRITTEN COMMUNICATION FOR ITU DISCHARGES: A QUALITY IMPROVEMENT PROJECT**

Abstract Presenter: Daniel Bendel (Northampton, United Kingdom)

### **INNOVATING THE WAY MEDICAL EMERGENCY TEAMS FUNCTION, CAN THIS LEAD TO BETTER PATIENT OUTCOMES? AN ATTEMPT TO UNDERSTAND THIS BETTER**

Abstract Presenter: Rajarshi Deb (Hyderabad, India)

### **TURNING A FASTHUG[1] INTO LOW FLAT HUGS COULD IMPROVE COMPLIANCE WITH DAILY CARE BUNDLES ON THE GENERAL INTENSIVE CARE UNIT: A PRELIMINARY AUDIT**

Abstract Presenter: Mike Brooke (Coventry, United Kingdom)

### **AUDIT OF OPERATIONAL NOISE AT THE LEICESTER ROYAL INFIRMARY AICU**

Abstract Presenter: Matthew Charlton (Leicester, United Kingdom)

### **SITUATION AND COGNITION ON THE APPLICATION OF MECHANICAL VENTILATION: A BASELINE INVESTIGATION IN NORTHWEST CHINA**

Abstract Presenter: Liqiang Song (Xi'an, China)

## Scientific Programme

### **CORRELATION BETWEEN FFP TRANSFUSION AND LENGTH OF STAY IN ICU PATIENTS**

Abstract Presenter: Aristidis Vakalos (Xanthi, Greece)

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Poster Corner

## **OUTCOME AFTER INTENSIVE CARE 1**

Chair: Andrew Rhodes (London, United Kingdom)

Chair: Steffen Christensen (Aarhus, Denmark)

### **INTENSIVE CARE UNIT LENGTH OF STAY BEYOND THE FIRST WEEK AND 1-YEAR MORTALITY - DUTCH SINGLE CENTRE STUDY IN UNSELECTED CRITICALLY ILL PATIENTS DESCRIBING LONG-TERM SURVIVAL ACCORDING TO LENGTH OF STAY IN CONJUNCTION WITH AGE**

Abstract Presenter: Ivo W. Soliman (Utrecht, Netherlands)

### **COMPARING MORTALITY BETWEEN CANCER AND NON-CANCER CRITICALLY ILL PATIENTS: A PROPENSITY SCORE MATCHED ANALYSIS**

Abstract Presenter: Regis Rosa (Porto Alegre, Brazil)

### **IMPACT OF EMERGENCY DEPARTMENT LENGTH OF STAY BEFORE ICU ADMISSION ON PATIENT OUTCOME**

Abstract Presenter: Renata Garcia Gigorro (Madrid, Spain)

### **PSYCHOMETRIC ASSESSMENT OF THE FAMILY SATISFACTION IN THE INTENSIVE CARE UNIT (FS-ICU-24) QUESTIONNAIRE AMONG FAMILY MEMBERS OF PATIENTS ADMITTED TO ADULT GENERAL ICUS IN THE UNITED KINGDOM**

Abstract Presenter: David A. Harrison (London, United Kingdom)

### **LONG TERM OUTCOME AFTER RESPIRATORY ECMO AND LENGTH OF ECMO TREATMENT**

Abstract Presenter: Håkan Kalzen (Stockholm, Sweden)

### **BURDEN OF SEPTIC SHOCK IN THE UK**

Abstract Presenter: Anne Louise Kjølbye (Copenhagen, Denmark)

### **THE USE OF FLUIDS AND CARDIOVASCULAR ACTING DRUGS IN NORDIC INTENSIVE CARE UNITS 2014 - AN INTERNET-BASED CROSS-SECTIONAL PRACTICE SURVEY**

Abstract Presenter: Fredrik Wickbom (Halmstad, Sweden)

### **EVALUATION OF THE COST-EFFECTIVENESS OF THE HIGH-CHLORIDE VS. LOW-CHLORIDE CRYSTALLOID FLUIDS IN HOSPITALIZED PATIENTS FROM THE US THIRD-PARTY PROVIDER PERSPECTIVE**

Abstract Presenter: Dilip Makhija (Deerfield, United States)

### **AFTER HOURS ADMISSION TO ICU - IMPACT ON MORTALITY**

Abstract Presenter: Hiang Ping Chan (Singapore, Singapore)

### **WEANING UNIT AND PROLONGED MECHANICAL VENTILATION AFTER CRITICAL ILLNESS**

Abstract Presenter: Jose Alfonso Rubio Mateo-Sidron (Badajoz, Spain)

### **PREDICTORS OF POOR OUTCOMES IN CRITICALLY ILL PATIENTS WITH HEMATOLOGIC MALIGNANCY**

Abstract Presenter: Robert Green (Halifax, Canada)



## Scientific Programme

### **OUTCOMES FOLLOWING REPATRIATION FROM CARDIOTHORACIC INTENSIVE CARE TO REFERRING CENTRES**

Abstract Presenter: Najwan Abu Al-Saad (Cambridge, United Kingdom)

### **FEASIBILITY OF IMPLEMENTING REHABILITATION OUTCOMES ON A SPECIALIST ADULT CRITICAL CARE UNIT**

Abstract Presenter: Claire Bradley (London, United Kingdom)

### **FEASIBILITY OF ROUTINE DATA COLLECTION ON ICU PERFORMANCE AND ACTIVITY IN RESOURCE LIMITED SETTINGS**

Abstract Presenter: Syed Muhammad Muneeb Ali (Islamabad, Pakistan)

### **IMMOBILITY AND RISK OF DEATH IN PATIENTS ON INVASIVE MECHANICAL VENTILATION**

Abstract Presenter: Daniela García Huertas (Granada, Spain)

Poster Corner  
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Poster Corner

## **PATIENT SAFETY IN THE ICU**

Chair: Andreas Valentin (Schwarzach, Austria)  
Chair: Frauke Weidanz (Edinburgh, United Kingdom)

### **READMISSION COSTS RELATED TO INTENSIVE CARE AFTER CARDIAC SURGERY. ANALYSIS OF RISK FACTORS AND COSTS WITHIN SIX MONTHS AFTER DISCHARGE USING AN ADMINISTRATIVE REGISTRY**

Abstract Presenter: Andrea Rossi Zadra (Torino, Italy)

### **UNEXPECTED WARD DEATHS: PREVENTABLE?**

Abstract Presenter: Jonathan Petit (Yvoir, Belgium)

### **IMPLEMENTATION OF CRITICAL CARE STAFF BASED RAPID RESPONSE TEAM. EFFECT OF RAPID RESPONSE SYSTEM TO THE UNPREDICTED DEATH**

Abstract Presenter: Masayasu Arai (Sagamihara, Japan)

### **IMPROVING ERROR REPORTING AT THE ICU**

Abstract Presenter: Eleonore Elisabeth Rouw (Amsterdam, Netherlands)

### **MISHAPS DURING INTRAHOSPITAL TRANSPORT OF PATIENTS FROM EMERGENCY DEPARTMENT- A MIXED BAG OF PATIENTS**

Abstract Presenter: Alai Taggu (Bangalore, India)

### **EQUIPMENT-RELATED CRITICAL INCIDENTS IN A GENERAL INTENSIVE CARE UNIT**

Abstract Presenter: Adam T. King (Liverpool, United Kingdom)

### **ULTRASOUND GUIDED TECHNIQUE FOR CENTRAL VENOUS CATHETERS CANNULATION IN CRITICAL CARE PATIENTS**

Abstract Presenter: Juan Alfonso Soler (Murcia, Spain)

### **ARE PERIPHERALLY INSERTED CENTRAL CATHETERS IN CRITICAL ILL PATIENTS JUSTIFIED?**

Abstract Presenter: Óscar Martínez González (Aranjuez, Spain)

### **CHANGES IN CLINICAL PRACTICE FOR CENTRAL VENOUS ACCESS CANNULATION AFTER THE INTRODUCTION OF ULTRASOUND STUDIES IN THE ICU**

Abstract Presenter: Óscar Martínez González (Aranjuez, Spain)

## Scientific Programme

### **INCIDENTS AND ADVERSE EVENTS NOTIFICATION SYSTEM IN A POST-CARDIAC SURGERY UNIT. INITIAL EXPERIENCE**

Abstract Presenter: Pablo Ruiz de Gopegui Miguelena (Zaragoza, Spain)

### **INCIDENCE OF MEDICATION ERRORS IN A SURGICAL INTENSIVE CARE UNIT. ANALYSIS AND IMPROVEMENT MEASURES IMPLEMENTED**

Abstract Presenter: Pablo Cuesta-Montero (Albacete, Spain)

### **STRATEGIES WHICH ENSURE OUR PATIENT'S SAFETY**

Abstract Presenter: Gemma Guillaumet (Manresa, Spain)

### **OCCULT MORTALITY AND READMISSIONS IN A TRAUMA INTENSIVE CARE UNIT (TICU): FACTORS OF RISK**

Abstract Presenter: Pablo Ruiz de Gopegui Miguelena (Zaragoza, Spain)

### **CENTRAL VENOUS CATHETER CANNULATION BY A TRAINED ULTRASOUND TEAM IN ONCO-HAEMATOLOGICAL PATIENTS**

Abstract Presenter: Juan Alfonso Soler (Murcia, Spain)

Poster Corner  
10:10 - 12:00

Poster Corner

## **NUTRITION - HOW TO IMPROVE? 1**

Chair: Valentin Fuhrmann (Hamburg, Germany)  
Chair: Karin Amrein (Graz, Austria)

### **FUNCTIONAL STATUS IN ICU SURVIVORS AND OUT OF HOSPITAL OUTCOMES**

Abstract Presenter: Kenneth B. Christopher (Boston, United States)

### **SYNTHESIS RATES OF MYOSIN AND ACTIN IN SKELETAL MUSCLE OF CRITICALLY ILL PATIENTS**

Abstract Presenter: Inga Tjäder (Huddinge, Sweden)

### **ENTERAL NUTRITION ON INTENSIVE CARE UNIT: A PROTOCOL BASED APPROACH**

Abstract Presenter: Gustavo Jesus (Lisbon, Portugal)

### **MUSCLE WASTING IN ICU TRAUMA PATIENTS: QUANTITATIVE AND QUALITATIVE CHANGES**

Abstract Presenter: Maria Giuseppina Annetta (Rome, Italy)

### **PARENTERAL VERSUS ENTERAL POTASSIUM SUPPLETION IN ICU PATIENTS: DOES IT MAKE A DIFFERENCE?**

Abstract Presenter: Lara Hessels (Groningen, Netherlands)

### **ANALYSIS OF EARLY GOAL-DIRECTED ENTERAL NUTRITION IN NAGOYA UNIVERSITY EMERGENCY ICU**

Abstract Presenter: Naoyuki Matsuda (Nagoya, Japan)

### **INTENSIVE CARE UNIT LENGTH OF STAY CAN BE LONGER DUE TO THE LOW SERUM VITAMIN D LEVELS IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE**

Abstract Presenter: Şakir Ö. Keşkek (Adana, Turkey)

### **PROTEIN CONTENT WITH PARENTERAL NUTRITION IN CRITICAL AND HOSPITALIZED PATIENTS WITH CONTINUOUS RENAL REPLACEMENT THERAPIES**

Abstract Presenter: Antonio Vallejo Baez (Malaga, Spain)

## Scientific Programme

### **GLYCEMIC VARIABILITY AS A RISK FACTOR OF INTENSIVE CARE UNIT-ACQUIRED WEAKNESS**

Abstract Presenter: Rudolf Mörgeli (Berlin, Germany)

### **PREDIABETES AS A RISK FACTOR FOR STRESS INDUCED HYPERGLYCEMIA IN NON DIABETIC CRITICALLY ILL ADULT**

Abstract Presenter: Diego De Jesus Garcia-Gallegos (Guanajuato, Mexico)

### **WHAT PROPORTION OF CALORIES GIVEN TO CRITICALLY ILL PATIENTS COME FROM PROPOFOL?**

Abstract Presenter: Ahmad Kamal Azri Abi Musa Asa'ari (Stoke-on-Trent, United Kingdom)

### **CHANGES IN BLOOD GLUCOSE CONCENTRATIONS OVER TIME WHEN ADMINISTERING INTRAVENOUS INSULIN IN POST CARDIAC SURGERY IN ADULT INTENSIVE CARE PATIENTS**

Abstract Presenter: Frances Bass (Sydney, Australia)

### **VALIDATION OF A POINT-OF-CARE INSTRUMENT FOR BEDSIDE GLUTAMINE SCREENING IN THE INTENSIVE CARE UNIT**

Abstract Presenter: Linn Pettersson (Huddinge, Sweden)

### **INITIATION OF ENTERAL AND PARENTERAL FEEDING AND WHY WE INTERRUPT THEM IN THE CRITICAL CARE SETTING**

Abstract Presenter: Ahmad Kamal Azri Abi Musa Asa'ari (Stoke-on-Trent, United Kingdom)

### **ASSESSMENT OF THE ACCURACY OF REAL-TIME CONTINUOUS GLUCOSE MONITORING AND ITS CORRELATED FACTORS IN CRITICALLY ILL PATIENTS**

Abstract Presenter: M. Z. Lu (Chengdu City, China)

Poster Corner  
10:10 - 12:00

Poster Corner

## **PERIOPERATIVE MANAGEMENT IN CARDIAC SURGERY**

Chair: Donna Greenhalgh (Manchester, United Kingdom)  
Chair: Giovanni Landoni (Milan, Italy)

### **USE OF RINGER'S LACTATE SOLUTION DOES NOT ELIMINATE THE RISK OF STRONG ION DIFFERENCE RELATED METABOLIC ACIDOSIS FOLLOWING ON PUMP CARDIAC SURGERY**

Abstract Presenter: Ieva Norkiene (Vilnius, Lithuania)

### **PRONE POSITIONING IN CARDIAC SURGERY: FOR MANY, BUT NOT FOR EVERYONE**

Abstract Presenter: Che Lim (Nuremberg, Germany)

### **SERIAL ARTERIAL LACTATE LEVELS AS A PREDICTOR OF SHORT- AND LONG-TERM MORTALITY IN PATIENTS AFTER CARDIAC SURGERY**

Abstract Presenter: Vicente Corral-Velez (L'Hospitalet de Llobregat, Spain)

### **POST-OPERATIVE LACTATE LEVELS PREDICT RATE OF COMPLICATIONS AND LENGTH OF STAY FOLLOWING ON-PUMP CARDIAC SURGERY**

Abstract Presenter: Ieva Norkiene (Vilnius, Lithuania)

### **ENDOTOXEMIA ANALYSIS IN THE POSTOPERATIVE PERIOD FOLLOWING CARDIAC SURGERY**

Abstract Presenter: Ana Campos Gómez (Badalona, Spain)

### **VALUE OF PROCALCITONIN (PCT) AS DIAGNOSTIC TEST OF INFECTION IN CARDIAC SURGERY (CS)**

Abstract Presenter: Amelia Pavalascu (Elche, Spain)

## Scientific Programme

### **HIGHLY SENSITIVE TROPONIN T (HSTNT) PROFILE FOR OUTCOME PREDICTION AFTER CARDIAC SURGERY**

Abstract Presenter: Suraj Sudarsanan (Doha, Qatar)

### **PERIOPERATIVE TRANSFUSION IN CARDIOVASCULAR SURGERY AND ACUTE KIDNEY INJURY**

Abstract Presenter: Guillermo Gomez (Malaga, Spain)

### **N-TERMINAL PRO-B-TYPE NATRIURETIC PEPTIDE (NT-PRO-BNP) AS OUTCOME PREDICTOR AFTER CARDIAC SURGERY (CS)**

Abstract Presenter: Amelia Pavalascu (Elche, Spain)

### **AN EVALUATION OF DEEP-FOREHEAD TEMPERATURE (SPOTON<sup>®</sup>) IN ICU PATIENTS AFTER CARDIAC SURGERY**

Abstract Presenter: Hitomi Kato (Hamamatsu, Japan)

### **RIGHT VENTRICULAR EJECTION FRACTION IN POSTOPERATIVE CARDIAC SURGERY PATIENTS IS INDEPENDENTLY ASSOCIATED WITH ICU MORBIDITY AND MORTALITY**

Abstract Presenter: Inge Tjitske Bootsma (Leeuwarden, Netherlands)

Poster Corner  
10:10 - 12:00

Poster Corner

## CLINICAL STUDIES IN SEPSIS

Chair: Richard Beale (London, United Kingdom)

Chair: John Prowle (London, United Kingdom)

### **MANAGEMENT OF TEMPERATURE IN SEPSIS: A SURVEY OF CURRENT PRACTICE AND OPINION OF UK INTENSIVE CARE CONSULTANTS**

Abstract Presenter: Anair Beverly (Guildford, United Kingdom)

### **INTERMEDIATE RESULTS OF IMPLEMENTATION OF AUTOMATIC ELECTRONIC ALERT PROGRAM FOR EARLY DETECTION OF SEVERE SEPSIS PATIENTS IN AN HOSPITAL WITH SEPSIS UNIT. ANALYSIS OF TWO YEARS PERIOD**

Abstract Presenter: Rafael Zaragoza (Valencia, Spain)

### **IMPLEMENTATION OF SEPSIS' TREATMENT PROTOCOLS IN AN EMERGING COUNTRY FROM 2005-2014: AN ANALYSIS OF 21,103 PATIENTS**

Abstract Presenter: Flavia R. Machado (São Paulo, Brazil)

### **SIX-HOUR CENTRAL VENOUS OXYGEN SATURATION HAS NO PROGNOSTIC VALUE IN PATIENTS WITH SEPTIC SHOCK**

Abstract Presenter: Kyoung Min Yoo (Seoul, Korea, Republic of)

### **VENOARTERIAL CARBON DIOXIDE GRADIENT UTILITY AS A CRITERION FOR BLOOD TRANSFUSION AT THE INTENSIVE CARE UNIT**

Abstract Presenter: Jose Luis Navarro (Mexico, Mexico)

### **SEVERE SEPSIS ADMITTED THROUGH THE EMERGENCY DEPARTMENT TO AN INTERNAL MEDICINE WARD: TIME TO ANTIBIOTIC AND ITS FACTORS (RETROSPECTIVE COHORT STUDY)**

Abstract Presenter: Jorge Pires (Lisboa, Portugal)

### **INCIDENCE OF SEVERE SEPSIS AND SEPTIC SHOCK IN GERMAN INTENSIVE CARE UNITS - THE INSEP STUDY**

Abstract Presenter: Gernot Marx (Aachen, Germany)

## Scientific Programme

### **PHYSICIAN RECOGNITION AND DOCUMENTATION OF SEPSIS. A COMPARISON OF THE 2001 ACCP/SCCM CONSENSUS CONFERENCE DEFINITIONS AND PHYSICIAN DOCUMENTED DIAGNOSIS**

Abstract Presenter: Rachel J. Jolley (Calgary, Canada)

### **APPROPRIATE FLUID RESUSCITATION OF SEPTIC SHOCK PATIENTS PRETREATED WITH HIGH DOSES OF CATECHOLAMINES**

Abstract Presenter: Jan C. Lewejohann (Lübeck, Germany)

### **PROGNOSTIC IMPLICATIONS OF SERUM LIPID METABOLISM OVER TIME DURING SEPSIS**

Abstract Presenter: Sang Hoon Lee (Seoul, Korea, Republic of)

### **ASPIRIN AND STATIN THERAPY IN SEPSIS, A RED HERRING?**

Abstract Presenter: Rachael Campbell (Glasgow, United Kingdom)

### **ORIGINAL BUNDLE-BASED MANAGEMENT OF SEPTIC SHOCK IN NAGOYA UNIVERSITY EMERGENCY ICU**

Abstract Presenter: Naoyuki Matsuda (Nagoya, Japan)

### **CLINICAL OUTCOMES OF SEPTIC PATIENTS ACCORDING TO THE ELAPSED TIME BEFORE TRANSFER TO THE INTENSIVE CARE UNIT**

Abstract Presenter: Beatriz Murata Murakami (São Paulo, Brazil)

### **THE EVALUATION OF PERFUSION INDEX AS A PREDICTOR OF VASOPRESSOR REQUIREMENT IN PATIENT WITH SEVER SEPSIS AND SEPTIC SHOCK**

Abstract Presenter: Akram Eladawy (Cairo, Egypt)

Poster Corner  
10:10 - 12:00

Poster Corner

## **OUTCOMES IN SEPSIS**

Chair: Antonio Artigas (Barcelona, Spain)  
Chair: Yasser Sakr (Jena, Germany)

### **A HIGH ANTI-INFLAMMATORY RESPONSE IS ASSOCIATED WITH INTERMEDIATE-TERM MORTALITY IN PATIENTS WITH SEPSIS**

Abstract Presenter: Jos F. Frencken (Utrecht, Netherlands)

### **CLINICAL OUTCOME OF SEPTIC PATIENTS WITH UNDETECTABLE VITAMIN D LEVELS AT ICU ADMISSION**

Abstract Presenter: Gennaro De Pascale (Rome, Italy)

### **BIOMARKERS MEASURED WITHIN 24 HOURS FROM THE ONSET OF SEPTIC SHOCK AND 28-DAY MORTALITY**

Abstract Presenter: Maria-Victoria de la Torre-Prados (Málaga, Spain)

### **HEALTH-CARE ASSOCIATED INFECTIONS. PATIENT CHARACTERISTICS AND INFLUENCE ON THE CLINICAL OUTCOME OF PATIENTS ADMITTED TO ICU. ENVIN-HELICS REGISTRY DATA**

Abstract Presenter: Xavier Nuvials (Lleida, Spain)

### **CHRONICALLY CRITICALLY ILL PATIENTS: DIFFERENT BEHAVIOR IN SEVERE SEPSIS AND SEPTIC SHOCK?**

Abstract Presenter: Danielle H. Prevedello (Curitiba, Brazil)

## Scientific Programme

### **OUTCOMES IN PATIENTS WITH SEVERE SEPSIS OR SEPTIC SHOCK WITH A URINARY SOURCE OF INFECTION IN THE ICU**

Abstract Presenter: M<sup>a</sup> Lucía Pérez Pérez (Madrid, Spain)

### **TIME COURSE AND CLINICAL RELEVANCE OF THROMBOCYTOPENIA IN CRITICAL ILLNESS**

Abstract Presenter: Nimisha Venugopal (Liverpool, United Kingdom)

### **LONG-TERM OUTCOMES OF ADULT PATIENTS ADMITTED WITH SEPSIS TO BRAZILIAN PUBLIC HOSPITALS: A NATIONAL RETROSPECTIVE MATCHED COHORT STUDY**

Abstract Presenter: Luciano Cesar Pontes de Azevedo (São Paulo, Brazil)

### **OUTCOMES OF SEPTIC SHOCK DUE TO MULTIDRUG RESISTANT BACTERAEMIA TREATED WITH PHOSPHOMYCINE**

Abstract Presenter: Athina Theohari (Larisa, Greece)

### **90-DAY MORTALITY OF SEVERE SEPSIS AND SEPTIC SHOCK IS REDUCED BY INITIATION OF ORAL BETA-BLOCKER THERAPY AND INCREASED BY DISCONTINUATION OF A PRE-EXISTING BETA-BLOCKER TREATMENT**

Abstract Presenter: Sebastian Rehberg (Greifswald, Germany)

### **DIFFERENT HEMOGLOBIN THRESHOLDS FOR TRANSFUSION IN PATIENTS WITH SEVERE SEPSIS AND SEPTIC SHOCK**

Abstract Presenter: Tadashi Kamio (Saitama, Japan)

Poster Corner  
10:10 - 12:00

Poster Corner

## **INTRA-ABDOMINAL INFECTIONS**

Chair: Philippe Montravers (Paris, France)  
Chair: Tobias Welte (Hanover, Germany)

### **THE UTILITY OF PROCALCITONIN FOR THE PATIENTS WITH INFECTED PANCREATIC NECROTIC AND PANCREATIC ABSCESS**

Abstract Presenter: Tomohiro Adachi (Tokyo, Japan)

### **PREDICTORS OF IN-HOSPITAL MORTALITY IN CRITICALLY ILL PATIENTS WITH SECONDARY AND TERTIARY PERITONITIS**

Abstract Presenter: Vicente Corral-Velez (L'Hospitalet de Llobregat, Spain)

### **DIFFERENCES BETWEEN INTRAABDOMINAL CANDIDIASIS IN REGULAR WARDS VERSUS INTENSIVE CARE UNIT**

Abstract Presenter: Leonel Lagunes (Barcelona, Spain)

### **INCIDENCE, RISK FACTORS, CLINICAL AND MICROBIOLOGICAL CHARACTERISTICS OF CLOSTRIDIUM DIFFICILE ASSOCIATED DIARRHEA IN SPANISH CRITICALLY ILL PATIENTS (PROCRID STUDY)**

Abstract Presenter: Luis Martin-Villen (Seville, Spain)

### **CLINICAL IMPACT AND OUTCOME OF CLOSTRIDIUM NON-DIFFICILE INFECTION IN CRITICALLY ILL PATIENTS**

Abstract Presenter: Karoline Rutter (Hamburg, Germany)

### **CHANGING TRENDS OF CLOSTRIDIUM DIFFICILE ASSOCIATED DIARRHOEA (CDAD) IN A TERTIARY CARE HOSPITAL IN KOLKATA, INDIA**

Abstract Presenter: Arindam Chakraborty (Kolkata, India)

## Scientific Programme

### **EFFECTIVENESS OF A PREVENTION PROGRAMME OF SURGICAL SITE INFECTION AFTER MAJOR HEART SURGERY**

Abstract Presenter: Mercedes Nieto (Madrid, Spain)

### **PROGNOSIS OF BACTEREMIC PATIENTS DURING POSTOPERATIVE PERITONITIS**

Abstract Presenter: Adel Alqarni (Paris, France)

### **RISK FACTORS FOR POST-OPERATIVE INTRA-ABDOMINAL ABSCESS AFTER LAPAROSCOPIC APPENDECTOMY: A CASE-CONTROL STUDY**

Abstract Presenter: Jinbeom Cho (Bucheon-si, Korea, Republic of)

Poster Corner  
10:10 - 12:00

Poster Corner

## **MULTI DRUG RESISTANT BACTERIA**

Chair: Jan De Waele (Ghent, Belgium)  
Chair: Garyphalia Poulakou (Athens, Greece)

### **MULTIRESISTANT BACTERIA IN ICU: IN THE RIGHT PATH**

Abstract Presenter: Olga Moreno (Granada, Spain)

### **MULTI-RESISTANT PSEUDOMONAS AERUGINOSA: STUDY OF RISK FACTORS FOR ITS DETECTION AT INTENSIVE CARE UNIT ADMISSION**

Abstract Presenter: Silvia Puerto Corrales (Burgos, Spain)

### **RISK FACTORS FOR NON-VANCOMYCIN-RESISTANT ENTEROCOCCUS FAECIUM INFECTION**

Abstract Presenter: Roberto Jiménez (Cartagena, Spain)

### **IMMUNOSUPPRESSED PATIENTS ADMITTED INTO INTENSIVE CARE WITH INFECTION: RISK FACTORS FOR INFECTION BY MULTIDRUG RESISTANT PATHOGENS AND HOSPITAL MORTALITY**

Abstract Presenter: Marta Monteiro (Oporto, Portugal)

### **RISK FACTORS FOR COLONIZATION AND INFECTION BY MULTIRESISTANT BACTERIA**

Abstract Presenter: Sulamita Carvalho Brugger (Lleida, Spain)

### **RISK FACTORS AT ICU ADMISSION FOR MULTI-RESISTANT ACINETOBACTER BAUMANNII COLONIZATION AND INFECTION AND ITS PREDICTION CAPABILITY**

Abstract Presenter: Rebeca Vara Arlanzón (Burgos, Spain)

### **HOSPITAL PHYSICIAN AWARENESS ABOUT MANAGEMENT OF ANTIBIOTIC-RESISTANT GRAM-NEGATIVE (ARGN) INFECTIONS**

Abstract Presenter: Pauraus Irani (London, United Kingdom)

### **COMPARISON OF MULTIDRUG-RESISTANT ACINETOBACTER AND NON-ACINETOBACTER INFECTIONS IN TERMS OF OUTCOME IN CRITICALLY ILL PATIENTS**

Abstract Presenter: Amit Madaan (Jalandhar, India)

### **IMPACT AFTER 3 YEARS OF APPLICATION OF ENTERAL PAROMOMYCIN TO ERADICATE COLISTIN AND CARBEPENEMASE RESISTANT MICROORGANISMS IN RECTAL COLONIZATION TO PREVENT ICU INFECTIONS**

Abstract Presenter: Catalina Sánchez Ramirez (Las Palmas de Gran Canaria, Spain)

### **IMPACT OF AN ACTIVE STRATEGY TO CONTROL MRSA IN A PORTUGUESE ICU**

Abstract Presenter: Elena Molinos (Matosinhos, Portugal)

## Scientific Programme

### **ACYNETOBACTER BAUMANII EXTREMELY RESISTANT OUTBREAK CONTROL IN ICU: A MULTIDISCIPLINARY APPROACH**

Abstract Presenter: Manuel Muñoz (Granada, Spain)

### **ANALYSIS OUTBREAK METHICILLIN-RESISTANT S. AUREUS (MRSA) IN OUR UNIT. DESCRIPTION OF THE CONTROL MEASURES**

Abstract Presenter: Rosario Fernández Fernández (Granada, Spain)

### **CHARACTERISTICS OF ISOLATED MULTIRESTANT BACTERIA ACCORDING GERM, LOCATION AND "ZERO RESISTANCE" CRITERIA**

Abstract Presenter: Sulamita Carvalho Brugger (Lleida, Spain)

### **ACINETOBACTER BAUMANNII: TRENDS IN ANTIMICROBIAL RESISTANCE AFTER RELOCATION OF AN INTENSIVE CARE UNIT IN TUNISIA**

Abstract Presenter: Salima Koubaji (Sidi Daoued, Tunisia)

Thematic Session  
11:00 - 12:00

Berlin

## **SCYLLA AND CHARYBDIS - PERIOPERATIVE BLEEDING AND THROMBOSIS**

Chair: Michael Sander (Giessen, Germany)  
Chair: Charles Marc Samama (Paris, France)

### **Specific antidote for new oral anticoagulants - Where are we now?**

**11:00**

Speaker: Christian Von Heymann (Berlin, Germany)

### **Discussion**

**11:15**

### **The new European Guidelines on the treatment of pulmonary embolism**

**11:20**

Speaker: Charles Marc Samama (Paris, France)

### **Discussion**

**11:35**

### **HIT Type II - 2015**

**11:40**

Speaker: Ib Jammer (Bergen, Norway)

### **Discussion**

**11:55**

Thematic Session  
11:00 - 12:00

Athens

## **KEY TOPICS IN BURN CARE**

Chair: Matthieu Legrand (Paris, France)  
Chair: Marc Léone (Marseille, France)

### **Fluid balance after severe burns**

**11:00**

Speaker: Matthieu Legrand (Paris, France)

### **Discussion**

**11:15**

### **Infection control in burn patients**

**11:20**

Speaker: Anne Berit Guttormsen (Bergen, Norway)



## Scientific Programme

**Discussion** 11:35

**Nutrition of the critically ill burn patient** 11:40

Speaker: Carole Ichai (Nice, France)

**Discussion** 11:55

Thematic Session  
11:00 - 12:00

Barcelona

### THE LIFE-PRIORITY SESSION - ICU ADMISSION: THE SHOCK

Chair: Carole Boulanger (Exeter, United Kingdom)

Chair: Dani Martí Romeu (Barcelona, Spain)

**Should we prepare the patient and family before admission?** 11:00

Speaker: Terence O'Reilly (London, United Kingdom)

**Discussion** 11:15

**Limiting the impact** 11:20

Speaker: Jos Latour (Plymouth, United Kingdom)

**Discussion** 11:35

**Single ICU rooms are family-centred care environments** 11:40

Speaker: Silvia Calvino Günther (Grenoble, France)

**Discussion** 11:55

Clinical Challenges Session  
11:00 - 11:50

Lisbon

### HOW DO I MANAGE PEEP SETTING IN ARDS? TABLES VS PHYSIOLOGICAL RESPONSE

Chair: Luciano Gattinoni (Milan, Italy)

#### Presentation

Speaker: Paolo Pelosi (Genova, Italy)

Clinical Challenges Session  
11:00 - 11:50

Rome

### HOW DO I MANAGE INTRA-CRANIAL BLEEDING IN PATIENTS WITH NEW ANTICOAGULATION DRUGS?

Chair: Romain Sonnevile (Paris, France)

#### Presentation

Speaker: Martin Smith (London, United Kingdom)

## Scientific Programme

Clinical Challenges Session  
11:00 - 11:50

Geneva

### HOW DO I START ECMO DURING CARDIAC ARREST?

Chair: Martin Dünser (Salzburg, Austria)

#### Presentation

Speaker: Lionel Lamhaut (Paris, France)

Clinical Challenges Session  
11:00 - 11:50

Paris

### HOW DO I INVESTIGATE AND TREAT NON-INFECTIOUS DIARRHOEA?

Chair: Sonja Fruhwald (Graz, Austria)

#### Presentation

Speaker: Annika Reintam Blaser (Tartu, Estonia)

Clinical Challenges Session  
11:00 - 11:50

Glasgow

### HOW DO I MANAGE THE UNPOPULAR PATIENT?

Chair: Anne-Sophie Debue (Paris, France)

#### Presentation

Speaker: Julie Benbenishty (Jerusalem, Israel)

Thematic Session  
11:00 - 12:00

Stockholm

### WORDS MATTER - LANGUAGE SHAPES OUR WORLD

Chair: Armand Girbes (Amsterdam, Netherlands)

Chair: Andrej Michalsen (Tettnang, Germany)

#### "Termination of therapy" - The end of care?

11:00

Speaker: Armand Girbes (Amsterdam, Netherlands)

#### Discussion

11:15

#### "Euthanasia" - Self-realisation or manslaughter?

11:20

Speaker: Andrej Michalsen (Tettnang, Germany)

#### Discussion

11:35

#### "Brain dead or stone-dead" - Fossilised concepts?

11:40

Speaker: Bob Truog (Boston, United States)

#### Discussion

11:55

## Scientific Programme

Thematic Session  
11:00 - 12:00

Vienna

### RENAL SUPPORT IN LIVER DISEASE

Chair: Patrick Honoré (Brussels, Belgium)  
Chair: Julia Wendon (London, United Kingdom)

**When to start RRT in liver failure?** **11:00**

Speaker: Lui Forni (Guildford, United Kingdom)

**Discussion** **11:15**

**What modality to choose?** **11:20**

Speaker: Marlies Ostermann (London, United Kingdom)

**Discussion** **11:35**

**Which anticoagulant to choose?** **11:40**

Speaker: Anne-Cornélie de Pont (Amsterdam, Netherlands)

**Discussion** **11:55**

Thematic Session  
11:00 - 12:00

NEXT Lounge

### NEXT LOUNGE - 2020: THE FUTURE OF INTENSIVE CARE

Chair: Nadia Aissaoui (Paris, France)

**Breaking translational medicine roadblocks: Bench to bedside** **11:00**

Speaker: Elisa Zanier (Milan, Italy)

Speaker: Didier Payen (Paris, France)

Speaker: Jean-Daniel Chiche (Paris, France)

LIVES Interactive Debates  
11:00 - 12:00

Hall 7

### TBI: TO MONITOR OR NOT TO MONITOR, AND HOW?

Chair: Giuseppe Citerio (Monza, Italy)

**Debate** **11:00**

Speaker: Pierre Bouzat (Grenoble, France)

Speaker: Nino Stocchetti (Milan, Italy)

Speaker: Karim Asehnoune (Nantes, France)

Postgraduate Course  
12:00 - 13:50

NEXT Lounge

### NEXT LOUNGE - RESEARCH WORKSHOP

Chair: Howard Bauchner (Boston, United States)

## Scientific Programme

### **The challenge of engaging patients and the public in critical care research** **12:00**

Speaker: Stephen J. Brett (London, United Kingdom)

Speaker: Jean-Daniel Chiche (Paris, France)

### **I'm a research-interested intensivist - How do I get started?** **12:20**

Speaker: Mervyn Singer (London, United Kingdom)

Speaker: Paul Young (Wellington, New Zealand)

### **Workshop 1 - Study design** **12:50**

Speaker: Jacques Duranteau (Kremlin-Bicetre, France)

Speaker: Paul Young (Wellington, New Zealand)

Speaker: Howard Bauchner (Boston, United States)

Industry Sponsored Session

12:30 - 14:00

Berlin

### **INDUSTRY SPONSORED SESSION**

Industry Sponsored Session

12:30 - 14:00

Athens

### **INDUSTRY SPONSORED SESSION**

Industry Sponsored Session

12:30 - 14:00

Barcelona

### **INDUSTRY SPONSORED SESSION**

Industry Sponsored Session

12:30 - 14:00

Lisbon

### **INDUSTRY SPONSORED SESSION**

Industry Sponsored Session

12:30 - 14:00

Rome

### **INDUSTRY SPONSORED SESSION**

Industry Sponsored Session

12:30 - 14:00

Geneva

### **INDUSTRY SPONSORED SESSION**

## Scientific Programme

Industry Sponsored Session  
12:30 - 14:00

Paris

### INDUSTRY SPONSORED SESSION

Industry Sponsored Session  
12:30 - 14:00

Glasgow

### INDUSTRY SPONSORED SESSION

Industry Sponsored Session  
12:30 - 14:00

Stockholm

### INDUSTRY SPONSORED SESSION

Industry Sponsored Session  
12:30 - 14:00

Vienna

### INDUSTRY SPONSORED SESSION

Poster Corner  
14:00 - 15:50

Poster Corner

### PREDICTING AKI

Chair: Marlies Ostermann (London, United Kingdom)  
Chair: Katie Lane (London, United Kingdom)

#### **URINARY STREM-1 IS AN EARLY OUTCOME PREDICTOR FOR SEPSIS AND SEPSIS-INDUCED ACUTE KIDNEY INJURY**

Abstract Presenter: Hossam M. Sherif (Cairo, Egypt)

#### **PRO-ENKEPHALIN IN PLASMA OF SURGICAL ICU-PATIENTS WITH SEPSIS - A PILOT STUDY**

Abstract Presenter: Sabine Doemming (Aachen, Germany)

#### **COMMUNITY ACQUIRED VS HOSPITAL ACQUIRED ACUTE KIDNEY INJURY. MORTALITY AND TIMING OF RENAL REPLACEMENT THERAPY**

Abstract Presenter: Gabriel Moreno-Gonzalez (Barcelona, Spain)

#### **COMPARATIVE ANALYSIS OF DIAGNOSTIC AND PREDICTIVE PERFORMANCE OF NOVEL RENAL BIOMARKERS IN PLASMA AND URINE OF ACUTE KIDNEY INJURY PATIENTS**

Abstract Presenter: Gunnar Schley (Erlangen, Germany)

#### **ESTABLISHED RENAL MARKERS FOR DIAGNOSIS AND PROGNOSIS IN ACUTELY DECOMPENSATED HEART FAILURE**

Abstract Presenter: Michael Brand (Herne, Germany)

#### **CLINICAL USEFULNESS OF SERIAL NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN (NGAL) CHANGE AS A PREDICTOR FOR ACUTE KIDNEY INJURY**

Abstract Presenter: SeungYong Park (Jeonju, Korea, Republic of)

## Scientific Programme

### **TIMING OF CONTINUOUS RENAL REPLACEMENT THERAPIES IN ACUTE KIDNEY INJURY PATIENTS AFTER CARDIAC SURGERY**

Abstract Presenter: Paola Cardenas Campos (Barcelona, Spain)

### **FRACTIONAL EXCRETION OF SODIUM AND FRACTIONAL EXCRETION OF UREA IN DIFFERENTIATING PRERENAL FROM RENAL AZOTEMIA COMPLICATING CIRCULATORY SHOCK**

Abstract Presenter: Hossam M. Sherif (Cairo, Egypt)

### **THE INCIDENCE OF ACUTE KIDNEY INJURY IN PATIENTS WITH TRAUMATIC BRAIN INJURY**

Abstract Presenter: Rafael Avila (Santa Fe, Argentina)

### **ELEVATED ENDOCAN LEVELS ARE ASSOCIATED WITH DEVELOPMENT OF RENAL FAILURE IN ARDS PATIENTS**

Abstract Presenter: Lokmane Rahmania (Brussels, Belgium)

### **RENAL DISEASE IN CRITICAL CARE PATIENTS**

Abstract Presenter: Esther Banderas-Bravo (Malaga, Spain)

### **ACUTE RENAL DENERVATION DECREASES LACTATE PRODUCTION IN THE KIDNEY CORTEX IN EXPERIMENTAL SEPTIC SHOCK**

Abstract Presenter: Emiel Hendrik Post (Brussels, Belgium)

Poster Corner  
14:00 - 15:50

Poster Corner

## **ACUTE RESPIRATORY FAILURE: INFECTION AND COPD**

Chair: Bruno Mégarbane (Paris, France)  
Chair: Marcus Schultz (Amsterdam, Netherlands)

### **INHALED CEFTAZIDIME AND AMIKACIN VERSUS INHALED COLISTIN IN THE TREATMENT OF GRAM NEGATIVE VENTILATOR ASSOCIATED PNEUMONIA**

Abstract Presenter: Yasser S. Nassar (Cairo, Egypt)

### **INCIDENCE AND RISK FACTORS FOR VENTILATOR ASSOCIATED EVENTS IN UGANDA'S GENERAL ICUS**

Abstract Presenter: Catherine Namutebi (Kampala, Uganda)

### **AN IN VITRO MICROBIOLOGICAL STUDY COMPARING EIGHT ENDOTRACHEAL TUBES AND THEIR ABILITY TO PREVENT MICROASPIRATION**

Abstract Presenter: Maryanne Mariyaselvam (Cardiff, United Kingdom)

### **CLINICAL CHARACTERISTICS AND PROGNOSTIC FACTORS IN PATIENTS WITH PULMONARY TUBERCULOSIS AS A PRIMARY CAUSE OF RESPIRATORY FAILURE ADMITTED TO INTENSIVE CARE UNITS**

Abstract Presenter: Seon-Sook Han (Chuncheon, Korea, Republic of)

### **ACUTE EXACERBATIONS OF COPD (AECOPD) IN THE EMERGENCY ROOM (ER): PROGNOSTIC VALUE OF PRO-ADRENOMEDULLINE (PROADM)**

Abstract Presenter: Martin Dres (Paris, France)

### **RESISTANCE OF ENDOTRACHEAL TUBES MEASURED AFTER EXTUBATION IN ICU PATIENTS**

Abstract Presenter: Loredana Baboi (Lyon, France)

## Scientific Programme

### **RELATIONSHIP BETWEEN TRANSCUTANEOUS CO<sub>2</sub> MEASUREMENT AND PACO<sub>2</sub> DURING NON INVASIVE VENTILATION DELIVERED BECAUSE OF HYPERCAPNIC ACUTE RESPIRATORY FAILURE**

Abstract Presenter: David Thévoz (Lausanne, Switzerland)

### **CLINICAL IMPACT OF EARLY BRONCHOSCOPY IN MECHANICALLY VENTILATED PATIENTS WITH ASPIRATION PNEUMONIA**

Abstract Presenter: Sanghon Park (RAK, United Arab Emirates)

### **USE OF TRANSCUTANEOUS CAPNOGRAPHY IN CRITICALLY ILL PATIENTS**

Abstract Presenter: Guillermo Morales Varas (Madrid, Spain)

### **NT-PROBNP PREDICTS THE NEED FOR VENTILATORY SUPPORT IN THE PATIENTS WITH ACUTE EXACERBATION OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE**

Abstract Presenter: Janja Kuharic (Rijeka, Croatia)

### **CLINICAL CHARACTERISTICS OF NEWLY DIAGNOSED TUBERCULOSIS PATIENTS WITH RESPIRATORY FAILURE**

Abstract Presenter: Chairat Permpikul (Bangkok, Thailand)

### **THE IMPACT OF HUMIDIFIED HIGH NASAL FLOW OXYGEN IN DIFFERENT GROUPS OF INTENSIVE CARE PATIENTS WITH RESPIRATORY FAILURE**

Abstract Presenter: Frits Van Beers (Tilburg, Netherlands)

### **PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE TREATED BY THE MOBILE EMERGENCY CARE UNIT - HOSPITALIZATION AND PROGNOSTIC FACTORS**

Abstract Presenter: Katrine Prier Lindvig (Odense, Denmark)

Poster Corner  
14:00 - 15:50

Poster Corner

## **SETTING AND MONITORING MECHANICAL VENTILATION**

Chair: Michael Sander (Giessen, Germany)  
Chair: Brian Kavanagh (Toronto, Canada)

### **THE DETRIMENTAL EFFECTS OF RECRUITMENT MANEUVERS ON MUCUS CLEARANCE IN AN ANIMAL MODEL OF PRIMARY ARDS**

Abstract Presenter: Gianluigi Li Bassi (Barcelona, Spain)

### **MODIFIED INSPIRATORY FLOW PATTERN - A TOOL FOR LUNG PROTECTIVE VENTILATION**

Abstract Presenter: Björn Jonson (Lund, Sweden)

### **THE EFFECTS OF LOW TIDAL VENTILATION ON LUNG STRAIN CORRELATE WITH PULMONARY COMPLIANCE**

Abstract Presenter: Fang Jin (Nanjing, China)

### **THE RELATIONSHIP OF OUTPATIENT PRESCRIPTION NARCOTIC USE TO THE EARLY IMPLEMENTATION AND MANNER OF ASSISTED VENTILATION IN A COMMUNITY HOSPITAL INTENSIVE CARE UNIT**

Abstract Presenter: Charles J. Van Hook (Longmont, United States)

### **EVALUATION OF THE RELATION BETWEEN RESPIRATORY MUSCLE PRESSURE (PMUS) AND DIAPHRAGMATIC THICKNESS IN ICU PATIENTS VENTILATED WITH PROPORTIONAL ASSIST VENTILLATION (PAV). A PRELIMINARY STUDY**

Abstract Presenter: George Minas (Nicosia, Cyprus)

## Scientific Programme

### **ASSESSMENT OF RESPIRATORY MECHANICS AND RESPIRATORY MUSCLES OF DIFFICULT TO WEAN CRITICALLY ILL PATIENTS**

Abstract Presenter: Diamantina Marouli (Heraklion, Greece)

### **VERBAL COMMUNICATION IN TRACHEOSTOMISED MECHANICALLY VENTILATED PATIENTS LEADS TO IMPROVED RESPIRATORY MECHANICS**

Abstract Presenter: Anna-Liisa Sutt (Brisbane, Australia)

### **THE USE OF VO<sub>2</sub> AND VCO<sub>2</sub> TO OPTIMISE RESPIRATORY SUPPORT AND TO WEAN MECHANICALLY VENTILATED PATIENTS AFTER MAJOR ABDOMINAL SURGERY**

Abstract Presenter: Marina Vladimirovna Petrova (Moscow, Russian Federation)

### **IMPLEMENTATION OF A PROTOCOL FOR PREDICTING SUCCESSFUL EXTUBATION IN CRITICALLY ILL PATIENTS**

Abstract Presenter: Angel Estella (Jerez de la Frontera, Spain)

### **LUNG ULTRASOUND TO PREDICT MECHANICAL VENTILATION WEANING FAILURE**

Abstract Presenter: Lucia Y. Delgado Ayala (Mexico, Mexico)

### **PATIENTS CHARACTERISTICS AND OUTCOMES OF PROLONGED MECHANICAL VENTILATION AFTER CRITICAL ILLNESS TRANSFERRED TO A WEANING UNIT**

Abstract Presenter: Jose Rubio (Cádiz, Spain)

### **COMPARING TWO DIFFERENT MODES OF MECHANICAL VENTILATION BY THE LEAST SQUARE FITTING METHOD: NAVA VERSUS PSV**

Abstract Presenter: Valentina Cricca (Ferrara, Italy)

### **UTEROGLOBIN-RELATED PROTEIN 1 AND SEVERITY OF INHALATION INJURY**

Abstract Presenter: Gilberto Friedman (Porto Alegre, Brazil)

### **DOES AUTOMATIC TUBE COMPENSATION CHANGE METABOLIC PARAMETERS WHEN ADDED TO PRESSURE SUPPORT MODE DURING WEANING?**

Abstract Presenter: Mehmet Uyar (Izmir, Turkey)

Poster Corner  
14:00 - 15:50

Poster Corner

## **MECHANICAL VENTILATION AND RESPIRATORY FAILURE: MISCELLANEOUS**

Chair: Giorgio Conti (Rome, Italy)  
Chair: Giorgio Iotti (Pavia, Italy)

### **EFFECTS OF CONTINUOUS POSITIVE AIRWAY PRESSURE ON RESPIRATORY MECHANICS AND BREATHING PATTERN IN HEALTHY INDIVIDUALS**

Abstract Presenter: Eleni Soilemezi (Thessaloniki, Greece)

### **EFFICIENCY OF VENTILATORS FOR INTERMEDIATE CARE TO DELIVER ADEQUATE FIO<sub>2</sub>. A BENCH STUDY**

Abstract Presenter: Loredana Baboi (Lyon, France)

### **CHALLENGES ENCOUNTERED IN EMPLOYING A LOW TIDAL VOLUME VENTILATION STRATEGY IN PATIENTS AT RISK OF ARDS**

Abstract Presenter: Richard Fisher (London, United Kingdom)



## Scientific Programme

### **PARTITIONING OF RESPIRATORY MECHANICS AFTER CARDIAC ARREST AND CARDIOPULMONARY RESUSCITATION**

Abstract Presenter: Francisco Ruiz Ferron (Jaen, Spain)

### **EFFICIENCY OF QUALITY OF TRIGGERING SYSTEM AND PRESSURIZATION OF HOME CARE VENTILATORS. A BENCH**

Abstract Presenter: Loredana Baboi (Lyon, France)

### **POINT OF CARE ULTRASOUND - A WAY TO REDUCE RADIATION EXPOSURE OF PATIENTS AND MEDICAL STAFF**

Abstract Presenter: Tomasz Zawada (Wrocław, Poland)

### **CONTACT IMPEDANCES OF TEXTILE ELECTRODES FOR ELECTRICAL IMPEDANCE TOMOGRAPHY**

Abstract Presenter: Andreas Daniel Waldmann (Landquart, Switzerland)

### **OBSTETRIC DELIVERY IN MECHANICALLY VENTILATED CRITICALLY ILL PREGNANT WOMEN**

Abstract Presenter: Stephen E. Lapinsky (Toronto, Canada)

### **NEW DEVICE TO SUPPORT PATIENTS WITH ACUTE RESPIRATORY DISTRESS: HIGH FLOW, NEBULIZATION AND OXYGEN THERAPY WITH AUTOMATED FIO2 TITRATION**

Abstract Presenter: François Lellouche (Lac-Beauport, Canada)

### **INTRA-PULMONARY PERCUSSIVE VENTILATION IN COMPLEX RESPIRATORY THERAPY PATIENTS WITH ALI/ARDS IN CARDIOVASCULAR AND THORACIC SURGERY**

Abstract Presenter: R.A. Ibadov (Tashkent, Uzbekistan)

### **BENCH STUDY OF AUTOMATED TUBE COMPENSATION VERSUS PRESSURE SUPPORT AFTER EXTUBATION IN ICU PATIENTS**

Abstract Presenter: Loredana Baboi (Lyon, France)

### **THE IMPACT OF THE INTRODUCTION OF A MULTI-PROFESSIONAL ALTERED AIRWAY WARD ROUND ON IMPROVING PATIENT SAFETY**

Abstract Presenter: Alexia Young (London, United Kingdom)

### **EPIDEMIOLOGY OF VENTILATOR ASSOCIATED PNEUMONIA (VAP) IN PATIENTS WITH ABDOMINAL SEPSIS**

Abstract Presenter: Anirban Hom Choudhuri (New Delhi, India)

### **PROSPECTIVE EVALUATION OF A DECISION SUPPORT SYSTEM PROVIDING ADVICE ON VENTILATOR SETTINGS OF: INSPIRATORY OXYGEN, DELIVERED PRESSURE OR VOLUME AND FREQUENCY**

Abstract Presenter: Stephen E. Rees (Aalborg, Denmark)

Poster Corner  
14:00 - 15:50

Poster Corner

## **SEVERITY-OF-DISEASE SCORING SYSTEMS**

Chair: Sten Walter (Linköping, Sweden)  
Chair: Chris Loew (Poole, United Kingdom)

### **REFUSE OF ADMISSION TO INTENSIVE CARE: ANALYSIS OF A SCORE**

Abstract Presenter: Maria Arlandis Tomas (Castellón de la Plana, Spain)

## Scientific Programme

### **IMPLEMENTATION OF ROUTINELY CHECKED LABORATORY TEST RESULTS INTO THE NATIONAL EARLY WARNING SCORE (NEWS) SIGNIFICANTLY IMPROVES ITS PROGNOSTIC ABILITY**

Abstract Presenter: Assad Oskuei (Bridgeport, United States)

### **VALIDATION OF ACUTE PHYSIOLOGY AND CHRONIC HEALTH EVALUATION (APACHE) IV SCORE IN A KOREA PROVINCIAL ICUS BY COMPARING KOREAN SIMPLIFIED ACUTE PHYSIOLOGY SCORE (SAPS) III**

Abstract Presenter: Gyu-Rak Chon (Chungju, Korea, Republic of)

### **UPPER GASTROINTESTINAL BLEEDING: PREDICTORS FOR ADMISSION TO EMERGENCY ROOM**

Abstract Presenter: Nuno Melo (Porto, Portugal)

### **COMPARING SOFA SCORES OF ICU PATIENTS IN A LOW INCOME NATIONAL REFERRAL HOSPITAL**

Abstract Presenter: Cornelius Sendagire (Kampala, Uganda)

### **MORTALITY IN AN ICU OF A TERTIARY HOSPITAL**

Abstract Presenter: André Miguel Neto Real (Abrantes, Portugal)

### **RELATIONSHIP BETWEEN ASOFA AND MORTALITY IN PATIENTS ADMITTED TO THE INTENSIVE CARE UNIT**

Abstract Presenter: Perla Cristina Arvizu-Tachiquín (Mexico, Mexico)

### **LYMPHOPENIA ASSESSMENT IN ICU PATIENTS AND RELATIONSHIP WITH MORTALITY**

Abstract Presenter: Maria Dolores Arias-Verdu (Malaga, Spain)

### **BASE EXCESS AND LACTATE AS PROGNOSTIC INDICATORS FOR PATIENTS ADMITTED TO INTENSIVE CARE - 15 YEARS LATER**

Abstract Presenter: Maresa Santi (London, United Kingdom)

### **PREDICTION OF MORTALITY OF APACHE-II AND APACHE-III SCORES IN PATIENTS ADMITTED TO THE INTENSIVE CARE UNIT (ICU) FOR INTOXICATION**

Abstract Presenter: Maria Dolores Arias-Verdu (Malaga, Spain)

### **EVALUATION OF APACHE II, SAPS II AND SOFA AS PREDICTORS OF MORTALITY IN PATIENTS OVER 80 YEARS ADMITTED TO ICU**

Abstract Presenter: Javier E. Romo Gonzales (Guadalajara, Spain)

### **DIRECT-CURRENT POTENTIAL IN ASSESSMENT OF PUERPERAS SEVERITY**

Abstract Presenter: Igor Zabolotskikh (Krasnodar, Russian Federation)

### **PREDICTIVE VALUE OF DIFFERENT SCORING SYSTEMS FOR CRITICALLY ILL PATIENTS WITH HOSPITAL ACQUIRED PNEUMONIA**

Abstract Presenter: Amr Abouelela (Alexandria, Egypt)

Poster Corner  
14:00 - 15:50

Poster Corner

## **OUTCOME AFTER INTENSIVE CARE 2**

Chair: Bertrand Guidet (Paris, France)  
Chair: Ruth Endacott (Plymouth, United Kingdom)

## Scientific Programme

### **IMPACT OF FAST-TRACK DISCHARGE FROM CARDIOTHORACIC INTENSIVE CARE ON FAMILY SATISFACTION**

Abstract Presenter: Praveen C. Sivadasan (Doha, Qatar)

### **OUTCOMES OF ISOLATED SMALL BOWEL TRANSPLANTS IN A SINGLE UK CENTRE**

Abstract Presenter: Helen Vollmer (Oxford, United Kingdom)

### **CRITICAL CARE OUTCOMES IN PATIENTS WITH PRE-EXISTING PULMONARY HYPERTENSION**

Abstract Presenter: Kris B. Bauchmuller (Sheffield, United Kingdom)

### **SERIAL ABSOLUTE LACTATE VALUE < 4 VERSUS RELATIVE 10% REDUCTION AS A PREDICTOR OF MORTALITY IN SEVERE SEPSIS AND SEPTIC SHOCK**

Abstract Presenter: Sharukh Lokhandwala (Cambridge, United States)

### **THE RELATIONSHIP BETWEEN OUT OF HOURS DISCHARGE AND HOSPITAL OUTCOME**

Abstract Presenter: Geoffrey Warnock (Glasgow, United Kingdom)

### **FACTORS INFLUENCING DECLINE OF PHYSICAL FUNCTIONAL STATUS AMONG ICU SURVIVORS: A PROSPECTIVE COHORT STUDY**

Abstract Presenter: Roselaine Pinheiro de Oliveira (Porto Alegre, Brazil)

### **THE RELATIONSHIP BETWEEN VITAMIN D SUPPLEMENTATION AND MORTALITY IN CRITICALLY ILL PATIENTS**

Abstract Presenter: Hakan Korkut Atalan (Istanbul, Turkey)

### **EARLY TRANSFER OF CASES FROM EMERGENCY(ER) TO ICU ( $\leq 1$ HOUR) - DOES IT REALLY MAKE A BIG DIFFERENCE IN OUTCOME? AN ANALYSIS**

Abstract Presenter: Arindam Kar (Kolkata, India)

### **USE OF POST-UNIT HOSPITAL DEATHS OF ICU SURVIVORS AS A QUALITY INDICATOR**

Abstract Presenter: Michael Argent (Newport, United Kingdom)

### **EPIDEMIOLOGICAL PROFILE OF THE POLYTRAUMATIZED PATIENT: COMPARISON BETWEEN PATIENTS FROM AN ICU IN EUROPE AND AN ICU IN SOUTH AMERICA**

Abstract Presenter: Juliana Gonzalez Londoño (Girona, Spain)

### **IS ICU ADMISSION ASSOCIATED WITH CHRONIC NARCOTIC USE? A 4-YEAR FOLLOW UP OF ICU SURVIVORS**

Abstract Presenter: Tobias Witter (Halifax, Canada)

### **PROGNOSIS AND OUTCOME OF INTENSIVE CARE FOR VERY ELDERLY PATIENTS**

Abstract Presenter: Stefan Kluge (Hamburg, Germany)

### **RISK PREDICTORS OF INFECTION AND MORTALITY IN POPULATION OF CARDIAC SURGERY PATIENTS ON ECMO THERAPY**

Abstract Presenter: Teodor Bachleda (Vienna, Austria)

### **FACTORS ASSOCIATED WITH HOSPITAL ANXIETY AND DEPRESSION AMONG ICU SURVIVORS: A CROSS SECTIONAL STUDY**

Abstract Presenter: Regis Rosa (Porto Alegre, Brazil)

## Scientific Programme

Poster Corner  
14:00 - 15:50

Poster Corner

### NUTRITION - DYSFUNCTION & PROGNOSIS

Chair: Michael Hiesmayr (Vienna, Austria)  
Chair: Steven Thiessen (Leuven, Belgium)

**LOW SERUM PHOSPHATE IS NOT DIAGNOSTIC FOR REFEEDING SYNDROME IN CRITICAL CARE**

Abstract Presenter: Nimisha Venugopal (Liverpool, United Kingdom)

**EFFECT OF EIGHT DAYS BED REST ON THE INCRETIN EFFECT IN HEALTHY VOLUNTEERS**

Abstract Presenter: Signe Tellerup Nielsen (Copenhagen, Denmark)

**NUTRITIONAL SUPPORT AND MORTALITY IN CRITICALLY ILL ADULTS - A SUBSET ANALYSIS OF THE CALORIES TRIAL**

Abstract Presenter: Thomas Kilner (London, United Kingdom)

**NUTRIENT-STIMULATED GALLBLADDER EMPTYING IS INCOMPLETE DURING CRITICAL ILLNESS AS ASSESSED BY 3D ULTRASOUND**

Abstract Presenter: Mark P. Plummer (Adelaide, Australia)

**CAPILLARY LEAKAGE WITH INFLAMMATION AND SURGERY**

Abstract Presenter: Åke Norberg (Stockholm, Sweden)

**LONGITUDINAL TRENDS AND INTERRELATIONS OF MITOCHONDRIAL FUNCTION IN ADULTS AND PEDIATRIC CRITICALLY ILL PATIENTS**

Abstract Presenter: A.M. Spanaki (Heraklion, Greece)

**CHANGING HOW WE CONFIRM NGT PLACEMENT: IMPACT ON NUTRITION DELIVERED**

Abstract Presenter: Ella Segaran (London, United Kingdom)

**INTERRUPTION OF OF ENTERAL NUTRITION IN THE INTENSIVE CARE UNIT: A SINGLE CENTER SURVEY**

Abstract Presenter: Midori Uozumi (Utsunomiya-shi, Japan)

**PERSONALISED GLUCOSE THERAPY: GLUCOSE TARGETS IN CRITICALLY ILL PATIENTS WITH PRE-EXISTING POORLY CONTROLLED TYPE 2 DIABETES**

Abstract Presenter: Palash Kar (Adelaide, Australia)

**ACCURACY OF A SUBCUTANEOUS CONTINUOUS GLUCOSE MANAGEMENT SYSTEM IN CRITICALLY ILL PATIENTS**

Abstract Presenter: Tobias Wollersheim (Berlin, Germany)

**ACCURACY OF A SUBCUTANEOUS CONTINUOUS GLUCOSE MONITOR COMPARED WITH AN INTRAVENOUS CONTINUOUS GLUCOSE MONITOR IN AN INTENSIVE CARE UNIT**

Abstract Presenter: Yukari Takahashi (Nankoku, Japan)

**ENERGY EXPENDITURE (EE) IN MECHANICALLY VENTILATED PATIENTS: ESPEN EQUATION USING DIFFERENT BODY WEIGHTS (BW) VS. INDIRECT CALORIMETRY (IC)**

Abstract Presenter: Claudia-Paula Heidegger (Geneve, Switzerland)

**VALIDATION OF MID-INFRARED SPECTROSCOPY FOR CONTINUOUS GLUCOSE MONITORING: THE MANAGE II STUDY**

Abstract Presenter: Jean-Charles Preiser (Brussels, Belgium)

**AN INTERNATIONAL SURVEY OF NUTRITION PRACTICES IN ADULT PATIENTS RECEIVING VENO-VEINUS ECMO**

Abstract Presenter: Danielle E. Bear (London, United Kingdom)

## Scientific Programme

Poster Corner  
14:00 - 15:50

Poster Corner

### TRAUMA: EXPERIMENTAL AND CLINICAL DATA

Chair: Ib Jammer (Bergen, Norway)  
Chair: Martin Dünser (Salzburg, Austria)

#### **ACUTE EFFECT OF SIMULTANEOUS DISCHARGE OF TASER X26 ON ANESTHETIZED SWINE MODEL**

Abstract Presenter: Eun-Jung Park (Suwon, Korea, Republic of)

#### **PILOT STUDY ABOUT THE INCIDENCE OF MISSED INJURIES AFTER IMPLANTATION OF PROTOCOL OF TERTIARY SURVEY IN PATIENTS WITH SEVERE TRAUMA**

Abstract Presenter: Silvia Chacón Alves (Madrid, Spain)

#### **EVALUATION OF EARLY IMMUNE RESPONSE IN MULTITRAUMA PATIENTS ADMITTED IN ICU: THE EFFECT OF AGE**

Abstract Presenter: Despina Hatzilia (Athens, Greece)

#### **RELATION BETWEEN MORTALITY FOR FOUR YEARS AND COMPUTERIZED TOMOGRAPHY BY MARSHALL SCORE IN TRAUMATIC BRAIN INJURY CRITICAL PATIENTS**

Abstract Presenter: Maria Dolores Arias-Verdu (Malaga, Spain)

#### **PREHOSPITAL HYPOTHERMIA IS ASSOCIATED WITH INCREASED MORTALITY**

Abstract Presenter: James Shaw (Camberley, United Kingdom)

#### **QUALITY OF LIFE TO FOUR YEARS IN TRAUMATIC BRAIN INJURY CRITICAL PATIENTS**

Abstract Presenter: Maria Dolores Arias-Verdu (Malaga, Spain)

#### **BLOOD LACTATE IN A COHORT OF PATIENTS WITH SEVERE PENETRATING TRAUMA AT THE INTENSIVE CARE UNIT IN A UNIVERSITY HOSPITAL**

Abstract Presenter: Fabian Jaimes (Medellin, Colombia)

#### **SPANISH TRAUMA ICU REGISTRY (RETRAUCI). FINAL RESULTS OF THE PILOT PHASE**

Abstract Presenter: Juan Antonio Llompарт-Pou (Palma de Mallorca, Spain)

#### **INCIDENCE OF VENOUS THROMBOEMBOLISM IN JAPANESE TRAUMA POPULATION**

Abstract Presenter: Ryusuke Miki (Kobe, Japan)

#### **CORRELATION BETWEEN FFP TRANSFUSION AND AGE IN ICU PATIENTS**

Abstract Presenter: Aristidis Vakalos (Xanthi, Greece)

Poster Corner  
14:00 - 15:50

Poster Corner

### FLUIDS, BLEEDING AND THROMBOSIS 1

Chair: Robert Sladen (New York, United States)  
Chair: Daniel Reuter (Hamburg, Germany)

#### **PREVALENCE AND ASSOCIATED FACTORS OF DEVELOPING VENOUS THROMBOEMBOLISM IN THE PERIOPERATIVE PERIOD**

Abstract Presenter: Kazuhiro Okada (Inzai, Japan)

## Scientific Programme

### **IMPACT OF GENETIC POLYMORPHISM ON PERIOPERATIVE BLEEDING IN ADULT PATIENTS UNDERGOING LIVER TRANSPLANTATION**

Abstract Presenter: Malgorzata H. Starczewska (Warsaw, Poland)

### **EXTRA VASCULAR LUNG WATER BUT NOT LUNG ULTRASOUND PREDICTS GRADE 3 PULMONARY GRAFT DYSFUNCTION AND UTILIZATION OF RESCUE THERAPIES FOR SEVERE HYPOXEMIA AFTER LUNG TRANSPLANTATION**

Abstract Presenter: Christophe Guervilly (Marseille, France)

### **PERIOPERATIVE CARE OF PATIENTS UNDERGOING NON-ELECTIVE LAPARATOMY IN A DISTRICT GENERAL HOSPITAL**

Abstract Presenter: Katie Megaw (Portadown, United Kingdom)

### **PROGNOSTIC FACTORS OF POOR OUTCOME IN PATIENTS WITH UPPER LIMB REPLANTATION SURGERY ADMITTED TO THE ICU**

Abstract Presenter: Esther Portugal Rodríguez (Burgos, Spain)

### **PERI-OPERATIVE FLUID MANAGEMENT IN MAJOR COLORECTAL SURGERY: DO WE COMPLY WITH CURRENT GUIDANCE AND WHAT ARE THE IMPLICATIONS FOR OUR PATIENTS?**

Abstract Presenter: Laura Vincent (Oxford, United Kingdom)

### **THE EFFECT OF BALANCED VERSUS NON-BALANCED FLUID REPLACEMENT ON URINARY BIOMARKERS IN PATIENTS UNDERGOING COLECTOMY: A PROSPECTIVE OBSERVATIONAL PILOT STUDY**

Abstract Presenter: Grainne Rooney (Galway, Ireland)

### **WHICH AMOUNT OF FLUID DO WE NEED TO EVALUATE PRELOAD DEPENDENCY?**

Abstract Presenter: Julien Marc (Amiens, France)

### **FLUID RESPONSIVENESS PREDICTED BY TRANSCUTANEOUS PARTIAL PRESSURE OF OXYGEN IN CRITICALLY ILL PATIENTS**

Abstract Presenter: Jingyuan Xu (Nanjing, China)

### **THE CHANGE OF PROCALCITONIN CONCENTRATIONS AFTER TRACHEOSTOMY AT BEDSIDE**

Abstract Presenter: Koji Sato (Kanazawa, Japan)

### **PERI- AND POST-OPERATIVE MANAGEMENT OF THE "HIGH-RISK" SURGICAL PATIENT. AN AUDIT OF PRACTICE IN A LARGE DISTRICT GENERAL HOSPITAL**

Abstract Presenter: Luke Winslow (Prescot, United Kingdom)

Poster Corner  
14:00 - 15:50

Poster Corner

## **DELIRIUM, SEDATION AND ANALGESIA IN ICU**

Chair: Bjoern Weiss (Berlin, Germany)  
Chair: Arjen Slooter (Utrecht, Netherlands)

### **A MULTINATIONAL, DRUG UTILISATION STUDY TO INVESTIGATE THE USE OF DEXMEDETOMIDINE (DEXDOR®) IN CLINICAL PRACTICE IN THE EU**

Abstract Presenter: Mary Weatherall (Nottingham, United Kingdom)

### **NURSING FACTORS IN PERFORMING DAILY INTERRUPTION OF SEDATION IN A LARGE INTENSIVE CARE UNIT**

Abstract Presenter: Liam Roberts (Birmingham, United Kingdom)

## Scientific Programme

### **INHALATORY SEDATION IN POSTOPERATIVE NEUROVASCULAR SURGERY PATIENTS**

Abstract Presenter: Rafael Badenes (Valencia, Spain)

### **REMIFENTANIL TARGET-CONTROLLED INFUSION FOR FIBEROPTIC BRONCHOSCOPY IN THE ICU: FEASIBILITY, SAFETY AND TOLERANCE EVALUATION**

Abstract Presenter: Margot Caron (Paris, France)

### **CAN PUPILLOMETRY DIAGNOSE A LACK OF ANALGESIA PRIOR TO NURSING IN CRITICALLY ILL PATIENTS?**

Abstract Presenter: Thomas Gaillard (Angers, France)

### **COMPARISON BETWEEN DEXMETOMIDINE AND MIDAZOLAM ON EARLY EXTUBATION AND HEMODYNAMIC PROFILE. A RANDOMIZED DOUBLE-BLIND STUDY**

Abstract Presenter: Charalampos Pantazopoulos (Athens, Greece)

### **PAIN ASSESSMENT IN INTENSIVE CARE: WHO PUTS PEN TO PAPER?**

Abstract Presenter: Helen Laycock (London, United Kingdom)

### **VOLATILE ANAESTHETICS FOR ANALGESIA AND SEDATION IN PATIENTS AFTER ABDOMINAL SURGERY IN ICU**

Abstract Presenter: Vera I. Potievskaya (Moscow, Russian Federation)

### **URINARY AND SERUM BENZODIAZEPINE DETERMINATIONS AND ITS CORRELATION WITH THE SEDATION WAKENING IN CRITICAL CARE PATIENTS**

Abstract Presenter: Sara Rosich Andreu (Tarragona, Spain)

### **RISK FACTORS FOR HYPERACTIVE DELIRIUM AMONG ICU ADULT PATIENTS IN SOUTHERN BRAZIL: A PROSPECTIVE COHORT STUDY**

Abstract Presenter: Roselaine Pinheiro de Oliveira (Porto Alegre, Brazil)

### **ADDITIONAL SEDATIVE DRUGS TO LIGHT SEDATION WITH DEXMEDETOMIDINE IS RISK FOR DELIRIUM**

Abstract Presenter: Masaaki Sakuraya (Hatsukaichi, Japan)

Poster Corner  
14:00 - 15:50

Poster Corner

## **BIOMARKERS IN SEPSIS AND INFECTION 1**

Chair: Olaf Cremer (Utrecht, Netherlands)  
Chair: Didier Payen (Paris, France)

### **CYTOKINE LEVELS IN SEPTIC SHOCK**

Abstract Presenter: Maria Arlandis Tomas (Castellón de la Plana, Spain)

### **COAGULATION DISORDERS AND THE ROLE OF TISSUE FACTOR AND TISSUE FACTOR PATHWAY INHIBITOR IN CRITICALLY ILL PATIENTS**

Abstract Presenter: Frantzeska Frantzeskaki (Athens, Greece)

### **RAPID DIAGNOSIS TO RULE OUT BACTERIAL BLOODSTREAM INFECTION IN NEONATES**

Abstract Presenter: Cristina Delco-Volonte (Geneva, Switzerland)

### **C-REACTIVE PROTEIN AS AN EARLY MARKER OF HEALTHCARE-ASSOCIATED PNEUMONIA OUTCOME IN CANCER PATIENTS**

Abstract Presenter: Ligia Sarmet Cunha Farah Rabello (Rio de Janeiro, Brazil)

## Scientific Programme

### **IS HYPERLACTATEMIA A USEFUL SCREENING MARKER OF SEVERE SEPSIS IN HEMATO-ONCOLOGIC MALIGNANT PATIENTS?**

Abstract Presenter: Soonyoung Park (Seoul, Korea, Republic of)

### **TRENDS IN VITAL SIGNS AND ROUTINE BIOMARKERS IN SEPSIS PATIENTS DURING RESUSCITATION IN THE EMERGENCY DEPARTMENT: A PROSPECTIVE OBSERVATIONAL PILOT STUDY**

Abstract Presenter: Vincent M. Quinten (Groningen, Netherlands)

### **ADRENOMEDULLIN IN PLASMA OF SURGICAL ICU-PATIENTS WITH SEPSIS - A PILOT STUDY**

Abstract Presenter: Tim-Philipp Simon (Aachen, Germany)

### **HIGH SENSITIVE TROPONIN T AS A BIOMARKER AND DETERMINANT FACTOR OF MYOCARDIAL DYSFUNCTION IN SEPSIS**

Abstract Presenter: Juliana Gonzalez Londoño (Girona, Spain)

### **IL-6 AND ITS CORRELATION TO STRESS HYPERGLYCEMIA IN DIABETIC AND NON-DIABETIC CRITICALLY ILL SEPTIC PATIENTS**

Abstract Presenter: Akram Muhammad Fayed (Alexandria, Egypt)

### **HOMOCYSTEINE LEVELS IN SEPTIC SHOCK**

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

### **DIAGNOSTIC AND PROGNOSTIC USEFULNESS OF MID-REGIONAL PRO-ADRENOMEDULLIN LEVELS IN PATIENTS WITH SEVERE SEPSIS**

Abstract Presenter: Francisco Valenzuela Sanchez (Jerez de la Frontera, Spain)

### **CIRCULATING ENDOTHELIAL CELLS (CECS) AND CIRCULATING ENDOTHELIAL PROGENITOR CELLS (CEPCS) IN SEPTIC AND NON-INFECTIOUS SYSTEMIC INFLAMMATORY RESPONSE SYNDROME**

Abstract Presenter: Sara Fernández (Barcelona, Spain)

Poster Corner  
14:00 - 15:50

Poster Corner

## **ANTIBIOTIC USE / PKPD**

Chair: Dylan de Lange (Utrecht, Netherlands)  
Chair: Arjen Dondorp (Bangkok, Thailand)

### **THERAPEUTIC DRUG MONITORING OF MEROPENEM AND PIPERACILIN ADMINISTERED IN CONTINUOUS INFUSION. PRELIMINARY DATA**

Abstract Presenter: Mar Miralbés Torner (Lleida, Spain)

### **ARE EXTENDED AND CONTINUOUS INFUSIONS OF TIME DEPENDENT ANTIBIOTICS USED IN THE MANAGEMENT OF SEPSIS IN ENGLAND TODAY?**

Abstract Presenter: James A. Dunning (Manchester, United Kingdom)

### **PEAKS AND TROUGHS: VARIATIONS IN THE AVAILABILITY OF THERAPEUTIC DRUG MONITORING IN CRITICAL CARE UNITS ACROSS LONDON**

Abstract Presenter: Katherine E. Grailey (London, United Kingdom)

### **USE OF SYSTEMIC ANTIFUNGAL DRUGS IN CRITICALLY ILL PATIENTS. DATA FROM THE ENVIN-HELICS REGISTRY 2013-2014**

Abstract Presenter: Naia Mas (Galdakao, Spain)



## Scientific Programme

### **USE OF BETA-LACTAMS ANTIBIOTICS IN ICU PATIENTS**

Abstract Presenter: Marie-Pierre Damas (Liège, Belgium)

### **VARIABILITY IN AMINOGLYCOSIDE DOSING IN INTENSIVE CARE UNITS ACROSS LONDON - SHOULD OUR METHODS BE STANDARDISED?**

Abstract Presenter: Joshua M. Singleton (London, United Kingdom)

### **B-LACTAMS SERUM CONCENTRATIONS IN CRITICALLY ILL CIRRHOTIC PATIENTS: A MATCHED-CONTROL STUDY**

Abstract Presenter: Olivier Lheureux (Brussels, Belgium)

### **IMPACT OF AN INDUCEMENT TO GIVE HIGH DOSES OF AMIKACIN AND GENTAMICIN ON SERUM CONCENTRATIONS IN CRITICALLY ILL PATIENTS WITH SEVERE SEPSIS**

Abstract Presenter: Benjamin Louart (Nîmes, France)

### **THE PHARMACOKINETICS OF TIGECYCLINE IN CRITICALLY ILL ADULT PATIENTS UNDERGOING CVVHD**

Abstract Presenter: Mirosław Czuczwar (Lublin, Poland)

### **A HIGH AMINOGLYCOSIDE REGIMEN ASSOCIATED WITH RENAL REPLACEMENT THERAPY FOR THE TREATMENT OF MULTI-DRUG RESISTANT PATHOGENS**

Abstract Presenter: Alexandre Brasseur (Brussels, Belgium)

### **DE-ESCALATION OF EMPIRIC ANTIBIOTIC THERAPY IN SEPSIS - AN INDIAN OBSERVATIONAL STUDY**

Abstract Presenter: Srinivas Jakkinaboina (Hyderabad, India)

### **REVIEW OF ANTIMICROBIAL ADMINISTRATION IN CASES OF PROVEN BACTERAEMIA IN ADULT PATIENTS AT ONE LONDON TEACHING HOSPITAL**

Abstract Presenter: Alice Myers (London, United Kingdom)

### **USE OF DAPTOMYCIN AND VANCOMYCIN IN BLOOD STREAM INFECTIONS WITH PDR ACINETOBACTER BAUMANNII**

Abstract Presenter: Panagiotis Alexandropoulos (Athens, Greece)

Poster Corner  
14:00 - 15:50

Poster Corner

## **SEVERE INFECTION FROM THE TRAVELLERS**

Chair: Tobias Welte (Hanover, Germany)  
Chair: José Artur Paiva (Porto, Portugal)

### **CHILDHOOD TB IN HIV ERA - IN SUB SAHARAN AFRICA**

Abstract Presenter: Mir N. Anwar (Richmond, South Africa)

### **EARLY RECOGNITION OF SEPSIS: AN AUDIT OF SEPSIS DIAGNOSIS AND INITIAL MANAGEMENT**

Abstract Presenter: Jonathan B. Simon (Hastings, United Kingdom)

### **CRITICALLY ILL PATIENTS WITH CHIKUNGUNYA VIRUS INFECTION DURING THE CARIBBEAN OUTBREAK 2013 - 2014**

Abstract Presenter: Guillaume Thiery (Les Abymes, France)

## Scientific Programme

### **SURVEY OF ARIZONA EMERGENCY DEPARTMENT INFECTIOUS DISEASE PREPAREDNESS FOR POSSIBLE EBOLA PATIENTS**

Abstract Presenter: Lawrence DeLuca (Tucson, United States)

### **MANAGING SEVERE MALARIA IN AN INTENSIVE CARE UNIT CONTRAINDICATIONS AND COMPLICATIONS OF TREATMENT WITH QUININE**

Abstract Presenter: Miguel Neno (Lisboa, Portugal)

### **CLINICAL CHARACTERISTICS AND SHORT-TERM OUTCOMES OF HIV PATIENTS ADMITTED TO AN AFRICAN INTENSIVE CARE UNIT**

Abstract Presenter: Arthur Kwizera (Kampala, Uganda)

### **A CASE SERIES OF LEGIONELLA PNEUMONIA IN THE NIAGARA REGION, CANADA**

Abstract Presenter: Jennifer L.Y. Tsang (Hamilton, Canada)

### **2014'S LEGIONNAIRES' DISEASE OUTBREAK IN PORTUGAL - AN INTENSIVE CARE, SINGLE-CENTER. 29 PATIENT CASE SERIES**

Abstract Presenter: David Nora (Vila Franca de Xira, Portugal)

### **CHARACTERIZATION OF A CRITICALLY ILL POPULATION WITH LEGIONELLA PNEUMONIA DURING A SEVERE COMMUNITY OUTBREAK IN PORTUGAL**

Abstract Presenter: Joao Ribeiro (Lisbon, Portugal)

### **OUTBREAK OF SCRUB TYPHUS IN ODISHA - AN EMERGING THREAT**

Abstract Presenter: Saroj Kumar Pattnaik (Bhubaneswar, India)

Poster Corner  
14:00 - 15:50

Poster Corner

## **ONCO-HERMATOLOGICAL PATIENTS**

Chair: Elie Azoulay (Paris, France)

Chair: Dominique Benoit (Ghent, Belgium)

### **HEMATOLOGICAL PATIENTS PROFILE ADMITTED TO AN INTENSIVE CARE UNIT OVER 20 YEARS EXPERIENCE**

Abstract Presenter: Rita Fernandez Garda (Santiago de Compostela, Spain)

### **NON-TRANSPLANT PATIENTS WITH HAEMATOLOGIC MALIGNANCIES HAVE BETTER SURVIVAL OUTCOME THAN RECIPIENTS OF HAEMATOPOIETIC STEM CELL TRANSPLANT (HSCT) AFTER ADMISSION TO INTENSIVE CARE UNIT (ICU)**

Abstract Presenter: Yael Corcia Palomo (Sevilla, Spain)

### **ICU AND LONG-TERM MORTALITY ANALYSIS OF HEMATOLOGY PATIENTS ADMITTED IN ICU. A 7 YEARS REVIEW FROM A SINGLE SPANISH CENTER**

Abstract Presenter: Renata Garcia Gigorro (Madrid, Spain)

### **EVALUATION OF THE FACTORS AFFECTING THE PROGNOSIS OF PATIENTS WITH SOLID TUMORS AND HAEMATOLOGIC MALIGNANCIES IN THE INTENSIVE CARE UNIT**

Abstract Presenter: Yusuf Savran (Izmir, Turkey)

### **MORTALITY OF ONCOHEMATOLOGIC PATIENTS ADMITTED TO THE INTENSIVE CARE UNIT (ICU) WHO REQUIRED INVASIVE MECHANICAL VENTILATION (IMV). DO WE HAVE TO DELAY INTUBATION?**

Abstract Presenter: Yael Corcia Palomo (Sevilla, Spain)

## Scientific Programme

### **IMPACT OF ONCOLOGIC PATHOLOGY (OP) IN THE EVOLUTION OF SEVERE SEPSIS (SS) IN THE CRITICALLY ILL PATIENTS (CIP)**

Abstract Presenter: Javier Ruiz Moreno (Barcelona, Spain)

### **TRANSFUSIONS IN PATIENTS WITH LEUKAEMIA ADMITTED TO AN INTENSIVE CARE UNIT**

Abstract Presenter: Martin Madsen (Copenhagen, Denmark)

### **EVALUATION OF RISK FACTORS FOR MORTALITY IN HEMATOLOGICAL MALIGNANCY PATIENTS ADMITTED TO INTENSIVE CARE UNIT**

Abstract Presenter: Ibrahim Ileri (Kayseri, Turkey)

### **HAEMATOLOGICAL PATIENTS ADMITTED TO ICU: DIFFERENCES BETWEEN SURVIVORS AND NON-SURVIVORS**

Abstract Presenter: Jimena Lujan Varas (Madrid, Spain)

### **OUTCOMES IN CRITICALLY ILL PATIENTS WITH CANCER-RELATED COMPLICATIONS**

Abstract Presenter: Viviane Bogado Leite Torres (Rio de Janeiro, Brazil)

### **BLEEDING AND THROMBOSIS IN LEUKAEMIA PATIENTS ADMITTED TO AN INTENSIVE CARE UNIT**

Abstract Presenter: Lene Russell (Copenhagen, Denmark)

### **PREDICTORS OF OUTCOME AND SEVERITY IN ADULT FILIPINO PATIENTS WITH FEBRILE NEUTROPENIA**

Abstract Presenter: Ralph Elvi Mudanza Villalobos (Manila, Philippines)

### **PATTERNS OF C-REACTIVE PROTEIN PREDICTS RESPONSE TO THERAPY IN HEALTHCARE-ASSOCIATED PNEUMONIA IN CRITICALLY ILL PATIENTS WITH CANCER**

Abstract Presenter: Ligia Sarment Cunha Farah Rabello (Rio de Janeiro, Brazil)

Thematic Session

14:15 - 15:45

Berlin

## **HOW TO ASSESS FLUID RESPONSIVENESS?**

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

Chair: Michael Pinsky (Pittsburgh, United States)

### **...from a fluid challenge**

**14:15**

Speaker: Jean-Louis Vincent (Brussels, Belgium)

### **Discussion**

**14:30**

### **...from the arterial pressure curve**

**14:33**

Speaker: Azriel Perel (Tel Aviv, Israel)

### **Discussion**

**14:48**

### **...from the passive leg raising test**

**14:51**

Speaker: Xavier Monnet (Kremlin-Bicetre, France)

### **Discussion**

**15:06**

### **...from the end-expiratory occlusion test**

**15:09**

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

### **Discussion**

**15:24**

## Scientific Programme

<b>...by echocardiography</b>	<b>15:27</b>
Speaker: Michel Slama (Amiens, France)	
<b>Discussion</b>	<b>15:42</b>

Thematic Session  
14:15 - 15:45

Athens

### **PATIENT-CENTRED QUALITY IMPROVEMENT AND TECHNOLOGY: AN ALLY OR A FOE?**

Chair: Theodoros Kyprianou (Nicosia, Cyprus)  
Chair: Stijn Blot (Ghent, Belgium)

<b>Real time data analytics in the ICU: How to use them in patient-centred quality improvement?</b>	<b>14:15</b>
Speaker: Leo Anthony Celi (Boston, United States)	
<b>Discussion</b>	<b>14:30</b>
<b>A nursing sensitive view to clinical documentation: Pearls and pitfalls</b>	<b>14:33</b>
Speaker: Carole Boulanger (Exeter, United Kingdom)	
<b>Discussion</b>	<b>14:48</b>
<b>The fine line between audiovisual information and distraction in the ICU</b>	<b>14:51</b>
Speaker: Max Jonas (Southampton, United Kingdom)	
<b>Discussion</b>	<b>15:06</b>
<b>Personalised medicine VS patient-centred care: The basic science perspective</b>	<b>15:09</b>
Speaker: Djillali Annane (Garches, France)	
<b>Discussion</b>	<b>15:24</b>
<b>e-ICU: A cost-benefit analysis for successful decision making</b>	<b>15:27</b>
Speaker: Marius Terblanche (London, United Kingdom)	
<b>Discussion</b>	<b>15:42</b>

Thematic Session  
14:15 - 15:45

Barcelona

### **DRUG INDUCED AKI**

Chair: Wilfred Druml (Vienna, Austria)  
Chair: Michael Darmon (Saint-Etienne, France)

<b>How big is the problem?</b>	<b>14:15</b>
Speaker: John Kellum (Pittsburgh, United States)	
<b>Discussion</b>	<b>14:30</b>
<b>What are the mechanisms?</b>	<b>14:33</b>
Speaker: Lui Forni (Guildford, United Kingdom)	

## Scientific Programme

<b>Discussion</b>	<b>14:48</b>
<b>When to suspect?</b>	<b>14:51</b>
Speaker: Heleen Oudemans-van Straaten (Amsterdam, Netherlands)	
<b>Discussion</b>	<b>15:06</b>
<b>How to diagnose?</b>	<b>15:09</b>
Speaker: Olivier Joannes-Boyau (Pessac, France)	
<b>Discussion</b>	<b>15:24</b>
<b>How to avoid?</b>	<b>15:27</b>
Speaker: Patrick Honoré (Brussels, Belgium)	
<b>Discussion</b>	<b>15:42</b>

Thematic Session  
14:15 - 15:45

Lisbon

### MANAGEMENT OF CARADIOGENIC SHOCK COMPLICATING AMI IN 2015

Chair: Alain Cariou (Paris, France)  
Chair: Dirk Donker (Utrecht, Netherlands)

<b>Which monitoring?</b>	<b>14:15</b>
Speaker: Alain Cariou (Paris, France)	
<b>Discussion</b>	<b>14:30</b>
<b>Which biomarkers?</b>	<b>14:33</b>
Speaker: Alexandre Mebazaa (Paris, France)	
<b>Discussion</b>	<b>14:48</b>
<b>Vasopressor therapy: Norepinephrine or epinephrine?</b>	<b>14:51</b>
Speaker: Bruno Levy (Vandoeuvre les Nancy, France)	
<b>Discussion</b>	<b>15:06</b>
<b>Inotropic therapy: Dobutamine or inodilators?</b>	<b>15:09</b>
Speaker: Steve Hollenberg (Camden, United States)	
<b>Discussion</b>	<b>15:24</b>
<b>Place of ECMO and other mechanical assist devices</b>	<b>15:27</b>
Speaker: Dirk Donker (Utrecht, Netherlands)	
<b>Discussion</b>	<b>15:42</b>

## Scientific Programme

Thematic Session  
14:15 - 15:45

Rome

### LIVER MANAGEMENT

Chair: Carole Ichai (Nice, France)  
Chair: Michael Casear (Leuven, Belgium)

<b>Management and monitoring of major liver resection</b>	<b>14:15</b>
Speaker: Julia Wendon (London, United Kingdom)	
<b>Discussion</b>	<b>14:30</b>
<b>How to handle variceal bleeding</b>	<b>14:33</b>
Speaker: Karin Amrein (Graz, Austria)	
<b>Discussion</b>	<b>14:48</b>
<b>Acute on chronic liver failure management</b>	<b>14:51</b>
Speaker: Kenneth B. Christopher (Boston, United States)	
<b>Discussion</b>	<b>15:06</b>
<b>Septic liver dysfunction: How do we prevent it?</b>	<b>15:09</b>
Speaker: Valentin Fuhrmann (Hamburg, Germany)	
<b>Discussion</b>	<b>15:24</b>
<b>Drug dosing adaptations in liver failure</b>	<b>15:27</b>
Speaker: Julia Wendon (London, United Kingdom)	
<b>Discussion</b>	<b>15:42</b>

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

Geneva

### ACUTE RESPIRATORY FAILURE IN THE PATIENT WITH COPD

Chair: Laurent Brochard (Toronto, Canada)  
Chair: Giacomo Bellani (Monza, Italy)

<b>Drug therapy in the mechanically ventilated COPD patient</b>	<b>14:15</b>
Speaker: Salvatore Maggiore (Rome, Italy)	
<b>Discussion</b>	<b>14:30</b>
<b>Low flow CO<sub>2</sub> removal in COPD patients</b>	<b>14:33</b>
Speaker: Thomas Bein (Regensburg, Germany)	
<b>Discussion</b>	<b>14:48</b>
<b>Acute heart failure in the COPD patient</b>	<b>14:51</b>
Speaker: Marco Maggiorini (Zurich, Switzerland)	
<b>Discussion</b>	<b>15:06</b>
<b>Early mobilisation and physiotherapy of the COPD patient</b>	<b>15:09</b>
Speaker: Claude Guérin (Lyon, France)	

## Scientific Programme

**Discussion** 15:24

**Relevance of intrinsic PEEP in the mechanically ventilated COPD patient** 15:27

Speaker: Giacomo Bellani (Monza, Italy)

**Discussion** 15:42

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

Paris

## NEW TOOLS IN TRAUMA MANAGEMENT

Chair: Kjetil Sunde (Oslo, Norway)

Chair: Dietmar Fries (Innsbruck, Austria)

**Tourniquets** 14:15

Speaker: Marc Léone (Marseille, France)

**Discussion** 14:30

**Transcranial doppler ultrasonography** 14:33

Speaker: Jacques Duranteau (Kremlin-Bicetre, France)

**Discussion** 14:48

**Resuscitative endovascular balloon occlusion of the aorta** 14:51

Speaker: Matthew Thomas (Bristol, United Kingdom)

**Discussion** 15:06

**Local haemostyptics** 15:09

Speaker: Dietmar Fries (Innsbruck, Austria)

**Discussion** 15:24

**Airway management in trauma patients** 15:27

Speaker: Matthew Thomas (Bristol, United Kingdom)

**Discussion** 15:42

Continuous Professional Education Session  
14:15 - 15:45

Glasgow

## QUALITY INDICATORS, WHAT TO CHOOSE?

Chair: Steffen Christensen (Aarhus, Denmark)

Chair: Pascale Gruber (London, United Kingdom)

**Standardised mortality ratio** 14:15

Speaker: Rui Paulo Moreno (Lisbon, Portugal)

**Discussion** 14:30

**Health related quality of life** 14:33

Speaker: Francesca Rubulotta (London, United Kingdom)

## Scientific Programme

<b>Discussion</b>	<b>14:48</b>
<b>Family indicators</b>	<b>14:51</b>
Speaker: Christina Jones (Liverpool, United Kingdom)	
<b>Discussion</b>	<b>15:06</b>
<b>Error reporting</b>	<b>15:09</b>
Speaker: Andreas Valentin (Schwarzach, Austria)	
<b>Discussion</b>	<b>15:24</b>
<b>Economic indicators</b>	<b>15:27</b>
Speaker: Philipp Metnitz (Vienna, Austria)	
<b>Discussion</b>	<b>15:42</b>

Continuous Professional Education Session  
14:15 - 15:45

Stockholm

### OPTIMISATION OF ANTIBIOTIC THERAPY FOR MDR

Chair: Philippe Montravers (Paris, France)  
Chair: John Prowle (London, United Kingdom)

<b>Right diagnostic tests</b>	<b>14:15</b>
Speaker: Jean-Ralph Zahar (Angers, France)	
<b>Discussion</b>	<b>14:30</b>
<b>Right drug</b>	<b>14:33</b>
Speaker: Garyphalia Poulakou (Athens, Greece)	
<b>Discussion</b>	<b>14:48</b>
<b>Right dose</b>	<b>14:51</b>
Speaker: Jan De Waele (Ghent, Belgium)	
<b>Discussion</b>	<b>15:06</b>
<b>Right route</b>	<b>15:09</b>
Speaker: Marc Léone (Marseille, France)	
<b>Discussion</b>	<b>15:24</b>
<b>When to stop</b>	<b>15:27</b>
Speaker: Christian Brun-Buisson (Créteil, France)	
<b>Discussion</b>	<b>15:42</b>



## Scientific Programme

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

Vienna

### ORGAN CROSSTALK IN SEPSIS

Chair: Ignacio Martin-Loeches (Dublin, Ireland)  
Chair: Mervyn Singer (London, United Kingdom)

<b>Lungs in sepsis</b>	<b>14:15</b>
Speaker: Antonio Artigas (Barcelona, Spain)	
<b>Discussion</b>	<b>14:30</b>
<b>Brain in sepsis</b>	<b>14:33</b>
Speaker: Djillali Annane (Garches, France)	
<b>Discussion</b>	<b>14:48</b>
<b>Heart in sepsis</b>	<b>14:51</b>
Speaker: Ricard Ferrer Roca (Barcelona, Spain)	
<b>Discussion</b>	<b>15:06</b>
<b>Kidneys in sepsis</b>	<b>15:09</b>
Speaker: Anders Perner (Copenhagen, Denmark)	
<b>Discussion</b>	<b>15:24</b>
<b>Liver in sepsis</b>	<b>15:27</b>
Speaker: Karim Asehnoune (Nantes, France)	
<b>Discussion</b>	<b>15:42</b>

Thematic Session  
14:15 - 15:00

NEXT Lounge

### NEXT LOUNGE - EXPERTS IN THE HOT SEAT

Chair: Manuel Eduardo Mendoza Ruano (Las Palmas de Gran Canaria, Spain)

<b>Extracorporeal CO2 removal for a more protective ventilation</b>	<b>14:15</b>
Speaker: Alain Combes (Paris, France)	
Speaker: Peter Schellongowski (Vienna, Austria)	

LIVES Interactive Debates  
14:15 - 15:15

Hall 7

### SELECTIVE DECONTAMINATION OF THE DIGESTIVE TRACT: IF, WHEN, WHERE, HOW?

Chair: Jozef Kesecioglu (Utrecht, Netherlands)

<b>Debate</b>	<b>14:15</b>
Speaker: Philippe Eggimann (Lausanne, Switzerland)	
Speaker: Anne Marie G. A. de Smet (Groningen, Netherlands)	
Speaker: Christian Brun-Buisson (Créteil, France)	

## Scientific Programme

Thematic Session  
15:00 - 15:45

NEXT Lounge

### NEXT LOUNGE - INTENSIVE CARE TRAINING

Chair: Matthias Hilty (Zurich, Switzerland)

#### Workforce planning

15:00

Speaker: Jukka Takala (Bern, Switzerland)

Speaker: Geoffrey Bellington (London, United Kingdom)

LIVES Interactive Debates  
15:30 - 16:30

Hall 7

### VENTILATION IN ARDS: PEEP, TIDAL VOLUME, PLATEAU PRESSURE, OR DRIVING PRESSURE?

Chair: Paolo Pelosi (Genova, Italy)

#### Debate

15:30

Speaker: Luciano Gattinoni (Milan, Italy)

Speaker: Antoine Vieillard-Baron (Boulogne, France)

Speaker: Diederik Gommers (Rotterdam, Netherlands)

Thematic Session  
16:00 - 18:00

Berlin

### CLINICAL TRIALS IN INTENSIVE CARE

Chair: Massimo Antonelli (Rome, Italy)

Chair: Elie Azoulay (Paris, France)

#### Long term effects of remote ischemic preconditioning in high-risk patients undergoing cardiac surgery: Follow-up of a randomised clinical trial

16:00

Speaker: Alexander Zarbock (Münster, Germany)

#### Comments

16:12

Speaker: Derek Angus (Pittsburgh, United States)

#### Discussion

16:15

#### Upper limb remote ischemic preconditioning does not show a relevant benefit in elective cardiac surgery

16:20

Speaker: Patrick Meybohm (Frankfurt, Germany)

#### Comments

16:32

Speaker: Jean-Louis Vincent (Brussels, Belgium)

#### Discussion

16:35

#### One-year outcome after ICU discharge: The FROG-ICU trial

16:40

Speaker: Alexandre Mebazaa (Paris, France)

#### Comments

16:52

Speaker: Jean-François Timsit (Paris, France)

## Scientific Programme

<b>Discussion</b>	<b>16:55</b>
<b>Development and evaluation of strategies to improve sedation quality in intensive care: The DESIST trial</b>	<b>17:00</b>
Speaker: Timothy Walsh (Edinburgh, United Kingdom)	
<b>Comments</b>	<b>17:12</b>
Speaker: Giuseppe Citerio (Monza, Italy)	
<b>Discussion</b>	<b>17:15</b>
<b>Paracetamol for treatment of fever in ICU patients with likely infection</b>	<b>17:20</b>
Speaker: Paul Young (Wellington, New Zealand)	
<b>Comments</b>	<b>17:32</b>
Speaker: Howard Bauchner (Boston, United States)	
<b>Discussion</b>	<b>17:35</b>
<b>Inhaled nitric oxide for acute chest syndrome in adult sickle cell patients: A randomised controlled study</b>	<b>17:40</b>
Speaker: Bernard Maitre (Créteil, France)	
<b>Comments</b>	<b>17:52</b>
Speaker: Elie Azoulay (Paris, France)	
<b>Discussion</b>	<b>17:55</b>
Thematic Session	
16:00 - 18:00	Athens
<b>HAEMODYNAMICS IN SEPSIS: QUO VADIS?</b>	
Chair: Claude Martin (Marseille, France)	
Chair: Ricard Ferrer Roca (Barcelona, Spain)	
<b>Surviving Sepsis Campaign: 2015 update</b>	<b>16:00</b>
Speaker: Mitchell Levy (Providence, United States)	
<b>Discussion</b>	<b>16:15</b>
<b>Fluid administration: Generous or restricted?</b>	<b>16:20</b>
Speaker: Gernot Marx (Aachen, Germany)	
<b>Discussion</b>	<b>16:35</b>
<b>Are high doses of catecholamines useful?</b>	<b>16:40</b>
Speaker: Claude Martin (Marseille, France)	
<b>Discussion</b>	<b>16:55</b>
<b>Inotropes: Is one better than the other?</b>	<b>17:00</b>
Speaker: Steve Hollenberg (Camden, United States)	
<b>Discussion</b>	<b>17:15</b>

## Scientific Programme

<b>Guidelines or individualised treatment?</b>	<b>17:20</b>
Speaker: Richard Beale (London, United Kingdom)	
<b>Discussion</b>	<b>17:35</b>
<b>What did we learn from early goal-directed trials</b>	<b>17:40</b>
Speaker: Derek Angus (Pittsburgh, United States)	
<b>Discussion</b>	<b>17:55</b>

Joint Session  
16:00 - 18:00

Barcelona

### **JOINT WITH SCCM - ICU-BASED REHABILITATION: AN EMERGING ICU PRACTICE STANDARD**

Chair: Daniel De Backer (Brussels, Belgium)  
Chair: Craig Coopersmith (Atlanta, United States)

<b>Background I: ICU acquired weakness-Basic science state of the art</b>	<b>16:00</b>
Speaker: Steffen Weber-Carstens (Berlin, Germany)	
<b>Discussion</b>	<b>16:15</b>
<b>Background II: ICU acquired weakness-Clinical state of the art</b>	<b>16:20</b>
Speaker: Margaret Herridge (Toronto, Canada)	
<b>Discussion</b>	<b>16:35</b>
<b>Rationale for early mobility and current evidence</b>	<b>16:40</b>
Speaker: Jesse Hall (Chicago, United States)	
<b>Discussion</b>	<b>16:55</b>
<b>Should patients be cycling?</b>	<b>17:00</b>
Speaker: David McWilliams (Birmingham, United Kingdom)	
<b>Discussion</b>	<b>17:15</b>
<b>What is the role for electrical muscle stimulation on its own or as an adjunct?</b>	<b>17:20</b>
Speaker: John P. Kress (Chicago, United States)	
<b>Discussion</b>	<b>17:35</b>
<b>Early mobility as an ICU practice standard: Should this be prioritised as part of the "Choosing Wisely" Campaign?</b>	<b>17:40</b>
Speaker: Terri Hough (Seattle, United States)	
<b>Discussion</b>	<b>17:55</b>

## Scientific Programme

Continuous Professional Education Session  
16:00 - 18:00

Lisbon

### MANAGEMENT OF DELAYED CEREBRAL ISCHAEMIA AFTER SAH: THE DIFFICULT QUESTIONS

Chair: Stefan Wolf (Berlin, Germany)  
Chair: Raimund Helbok (Innsbruck, Austria)

<b>Is there a role for pharmacologic therapies?</b>	<b>16:00</b>
Speaker: Stephan Mayer (New York, United States)	
<b>Discussion</b>	<b>16:15</b>
<b>Induced hypertension: Which vasoactive drug?</b>	<b>16:20</b>
Speaker: Stefan Wolf (Berlin, Germany)	
<b>Discussion</b>	<b>16:35</b>
<b>What about inotropes?</b>	<b>16:40</b>
Speaker: Thomas Geeraerts (Toulouse, France)	
<b>Discussion</b>	<b>16:55</b>
<b>Haemoglobin and transfusion: Which targets?</b>	<b>17:00</b>
Speaker: Fabio Silvio Taccone (Brussels, Belgium)	
<b>Discussion</b>	<b>17:15</b>
<b>Haemodynamic monitoring: Which tools?</b>	<b>17:20</b>
Speaker: Pedro Kurtz (Rio de Janeiro, Brazil)	
<b>Discussion</b>	<b>17:35</b>
<b>When to go to interventional radiology?</b>	<b>17:40</b>
Speaker: Raimund Helbok (Innsbruck, Austria)	
<b>Discussion</b>	<b>17:55</b>

Thematic Session  
16:00 - 18:00

Rome

### HOT TOPICS IN ARDS

Chair: Arthur Slutsky (Toronto, Canada)  
Chair: Claude Guérin (Lyon, France)

<b>VILI: Driving pressure and survival</b>	<b>16:00</b>
Speaker: Arthur Slutsky (Toronto, Canada)	
<b>Discussion</b>	<b>16:15</b>
<b>VILI energy is what counts</b>	<b>16:20</b>
Speaker: Marcus Schultz (Amsterdam, Netherlands)	
<b>Discussion</b>	<b>16:35</b>
<b>Transpulmonary and transalveolar pressure in assisted breathing</b>	<b>16:40</b>
Speaker: Antonio Pesenti (Monza, Italy)	

## Scientific Programme

<b>Discussion</b>	<b>16:55</b>
<b>Proning ARDS patients: How far are we?</b>	<b>17:00</b>
Speaker: Claude Guérin (Lyon, France)	
<b>Discussion</b>	<b>17:15</b>
<b>Under recognition of ARDS: Incidence and consequences</b>	<b>17:20</b>
Speaker: John Laffey (Toronto, Canada)	
<b>Discussion</b>	<b>17:35</b>
<b>How do we ventilate ARDS patients? Results from the LUNG-SAFE study</b>	<b>17:40</b>
Speaker: Giacomo Bellani (Monza, Italy)	
<b>Discussion</b>	<b>17:55</b>

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

Geneva

## JOINT WITH NCS - RECOVERY OF CONSCIOUSNESS: BASICS, MONITORING, INTERVENTIONS

Chair: Mauro Oddo (Lausanne, Switzerland)  
Chair: David Menon (Cambridge, United Kingdom)

<b>Pathophysiology of coma and disorders of consciousness in the ICU</b>	<b>16:00</b>
Speaker: Arjen Slooter (Utrecht, Netherlands)	
<b>Discussion</b>	<b>16:15</b>
<b>Measuring consciousness in severely damaged brains: A comprehensive approach</b>	<b>16:20</b>
Speaker: David Menon (Cambridge, United Kingdom)	
<b>Discussion</b>	<b>16:35</b>
<b>Clinical scales: Is the Glasgow Coma Scale enough ?</b>	<b>16:40</b>
Speaker: Tarek Sharshar (Paris, France)	
<b>Discussion</b>	<b>16:55</b>
<b>Electrophysiology</b>	<b>17:00</b>
Speaker: Janneke Horn (Amsterdam, Netherlands)	
<b>Discussion</b>	<b>17:15</b>
<b>Neuroimaging</b>	<b>17:20</b>
Speaker: Stephan Mayer (New York, United States)	
<b>Discussion</b>	<b>17:35</b>
<b>Can we modulate the recovery of consciousness? Potential therapies for the future</b>	<b>17:40</b>
Speaker: David Menon (Cambridge, United Kingdom)	
<b>Discussion</b>	<b>17:55</b>

## Scientific Programme

Thematic Session  
16:00 - 18:00

Paris

### CONTROL OF NOSOCOMIAL INFECTION AND MDR SPREAD IN ICU

Chair: Jan De Waele (Ghent, Belgium)  
Chair: Christian Brun-Buisson (Créteil, France)

<b>The ten key issues of prevention of catheter-related infections</b>	<b>16:00</b>
Speaker: Jean-François Timsit (Paris, France)	
<b>Discussion</b>	<b>16:15</b>
<b>Nosocomial infections and MDR organisms: The benefits of surveillance</b>	<b>16:20</b>
Speaker: Stijn Blot (Ghent, Belgium)	
<b>Discussion</b>	<b>16:35</b>
<b>The ten key issues of prevention of ventilator associated pneumonia</b>	<b>16:40</b>
Speaker: Jeffrey Lipman (Brisbane, Australia)	
<b>Discussion</b>	<b>16:55</b>
<b>Antiseptic body washing: The pro and the con</b>	<b>17:00</b>
Speaker: Jean-Ralph Zahar (Angers, France)	
<b>Discussion</b>	<b>17:15</b>
<b>When and how to isolate patients with multiresistant bugs?</b>	<b>17:20</b>
Speaker: Christian Brun-Buisson (Créteil, France)	
<b>Discussion</b>	<b>17:35</b>
<b>Attributable morbidity and mortality of multiresistant bacteria in ICU</b>	<b>17:40</b>
Speaker: Ignacio Martin-Loeches (Dublin, Ireland)	
<b>Discussion</b>	<b>17:55</b>

Continuous Professional Education Session  
16:00 - 18:00

Glasgow

### WEANING FROM MECHANICAL VENTILATION

Chair: Alain Mercat (Angers, France)  
Chair: Jordi Mancebo Cortes (Barcelona, Spain)

<b>Predicting weaning and extubation</b>	<b>16:00</b>
Speaker: Jordi Mancebo Cortes (Barcelona, Spain)	
<b>Discussion</b>	<b>16:15</b>
<b>Classification of patients</b>	<b>16:20</b>
Speaker: Laurent Brochard (Toronto, Canada)	
<b>Discussion</b>	<b>16:35</b>
<b>NIV: Is it a natural tool within the procedure?</b>	<b>16:40</b>
Speaker: Miquel Ferrer (Barcelona, Spain)	

## Scientific Programme

<b>Discussion</b>	<b>16:55</b>
<b>Cardiovascular failure is failure in weaning!</b>	<b>17:00</b>
Speaker: Antoine Vieillard-Baron (Boulogne, France)	
<b>Discussion</b>	<b>17:15</b>
<b>Nasal high-flow therapy after extubation</b>	<b>17:20</b>
Speaker: Salvatore Maggiore (Rome, Italy)	
<b>Discussion</b>	<b>17:35</b>
<b>Protocols: Do they work?</b>	<b>17:40</b>
Speaker: Marco Ranieri (Turin, Italy)	
<b>Discussion</b>	<b>17:55</b>

Thematic Session  
16:00 - 18:00

Stockholm

## HOT TOPICS IN CARDIAC ANAESTHESIA AND INTENSIVE CARE

Chair: Michael Sander (Giessen, Germany)  
Chair: Donna Greenhalgh (Manchester, United Kingdom)

<b>The future of goal directed haemodynamic management in cardiac surgery</b>	<b>16:00</b>
Speaker: Michael Sander (Giessen, Germany)	
<b>Discussion</b>	<b>16:15</b>
<b>Fluids in cardiac surgery - Crystalloids, artificial colloids or albumin?</b>	<b>16:20</b>
Speaker: Sascha Treskatsch (Berlin, Germany)	
<b>Discussion</b>	<b>16:35</b>
<b>TEE monitoring of the cardiac patient - Recommendations from the EACTA ECHO committee</b>	<b>16:40</b>
Speaker: Donna Greenhalgh (Manchester, United Kingdom)	
<b>Discussion</b>	<b>16:55</b>
<b>Transfusion triggers in cardiac surgery</b>	<b>17:00</b>
Speaker: Matthias Wolff (Giessen, Germany)	
<b>Discussion</b>	<b>17:15</b>
<b>Mechanical assist management - Recommendations from the EACTA ICU committee</b>	<b>17:20</b>
Speaker: Alain Vuylsteke (Cambridge, United Kingdom)	
<b>Discussion</b>	<b>17:35</b>
<b>Delirium after cardiac surgery - Diagnosis and management</b>	<b>17:40</b>
Speaker: Arjen Slooter (Utrecht, Netherlands)	
<b>Discussion</b>	<b>17:55</b>



## Scientific Programme

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

Vienna

### RESUSCITATION TOOLS FOR MANAGEMENT OF SEPTIC SHOCK

Chair: Andrew Rhodes (London, United Kingdom)  
Chair: Peter Radermacher (Ulm, Germany)

<b>Inotropes: When and which?</b>	<b>16:00</b>
Speaker: Steve Hollenberg (Camden, United States)	
<b>Discussion</b>	<b>16:15</b>
<b>Fluids: Which type and how much?</b>	<b>16:20</b>
Speaker: Anders Perner (Copenhagen, Denmark)	
<b>Discussion</b>	<b>16:35</b>
<b>Vasopressors: When and which?</b>	<b>16:40</b>
Speaker: Peter Radermacher (Ulm, Germany)	
<b>Discussion</b>	<b>16:55</b>
<b>Targets of resuscitation</b>	<b>17:00</b>
Speaker: Ignacio Martin-Loeches (Dublin, Ireland)	
<b>Discussion</b>	<b>17:15</b>
<b>The place of echocardiography</b>	<b>17:20</b>
Speaker: Michel Slama (Amiens, France)	
<b>Discussion</b>	<b>17:35</b>
<b>The place of invasive monitoring devices</b>	<b>17:40</b>
Speaker: Andrew Rhodes (London, United Kingdom)	
<b>Discussion</b>	<b>17:55</b>

Thematic Session  
16:00 - 17:00

NEXT Lounge

### NEXT LOUNGE - YOUNG LECTURER AWARD

<b>Basics of mechanical ventilation</b>	<b>16:00</b>
Speaker: Mohamed Omar Elghonemi (Cairo, Egypt)	
<b>Simbulance: The design, development and evaluation of a level 3 patient transfer course</b>	<b>16:20</b>
Speaker: James Doyle (Surrey, United Kingdom)	
<b>Clinically-integrated chest ultrasound in critically ill patients</b>	<b>16:40</b>
Speaker: Daniele Guerino Biasucci (Rome, Italy)	

## Scientific Programme

LIVES Interactive Debates  
16:45 - 17:45

Hall 7

### SHOULD I WORRY ABOUT CONTRAST?

Chair: Michael Joannidis (Innsbruck, Austria)

#### Debate

16:45

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

Speaker: Lui Forni (Guildford, United Kingdom)

Speaker: John Kellum (Pittsburgh, United States)

Thematic Session  
17:00 - 18:00

NEXT Lounge

### NEXT LOUNGE - CHALLENGE

4 teams

17:00

Thematic Session  
17:30 - 19:00

M8

### FORGING THE FUTURE OF IC NURSING IN EUROPE & NETWORKING

A lively interactive evening providing both educational updates on the N&AHP activities and an opportunity to network with other members.

Chair: Stijn Blot (Ghent, Belgium)

#### Introduction and welcome

17:30

Speaker: Stijn Blot (Ghent, Belgium)

#### Update on INACTIC study

17:40

Speaker: Ruth Endacott (Plymouth, United Kingdom)

#### Update on DecubICUs

17:50

Speaker: Stijn Blot (Ghent, Belgium)

#### N&AHP article and evidence summaries

18:00

Speaker: Silvia Calvino Günther (Grenoble, France)

#### Critical Care Nursing Apps update

18:10

Speaker: Anne-Sophie Debue (Paris, France)

#### Turning clinical challenges into research questions/abstracts

18:20

Speaker: Ruth Endacott (Plymouth, United Kingdom)

#### Launching "Countdown to Milan": N&AHP committee support for project selection, data collection, abstract writing

18:30

Speaker: Carole Boulanger (Exeter, United Kingdom)

#### Networking

18:40

28th Annual Congress of the European Society of Intensive Care Medicine,  
3 - 7 October 2015,  
Berlin, Germany

## **Scientific Programme**

Industry Sponsored Session  
18:15 - 19:15

Rome

## **INDUSTRY SPONSORED SESSION**

## Scientific Programme

### Tuesday, 06 October 2015

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Keynote Lecture  
08:00 - 08:25

Berlin

#### **TRANSFUSIONS IN THE CRITICALLY ILL: WHERE DO WE STAND?**

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

##### **Presentation**

**08:00**

Speaker: Jean-Louis Vincent (Brussels, Belgium)

Thematic Session  
08:30 - 09:30

Berlin

#### **TARGETTING BLOOD PRESSURE IN SEPSIS**

Chair: Marc Léone (Marseille, France)

Chair: Pierre Asfar (Angers, France)

##### **Optimal blood pressure for the organs**

**08:30**

Speaker: Philippe Vignon (Limoges, France)

##### **Discussion**

**08:45**

##### **Personalised blood pressure**

**08:50**

Speaker: Pierre Asfar (Angers, France)

##### **Discussion**

**09:05**

##### **What is my daily practice?**

**09:10**

Speaker: Steve Hollenberg (Camden, United States)

##### **Discussion**

**09:25**

Thematic Session  
08:30 - 09:30

Athens

#### **BIOMARKERS OF AKI: GUIDING TREATMENT?**

Chair: Lui Forni (Guildford, United Kingdom)

Chair: Michael Joannidis (Innsbruck, Austria)

##### **What do biomarkers tell about AKI?**

**08:30**

Speaker: Marlies Ostermann (London, United Kingdom)

##### **Discussion**

**08:45**

##### **Which biomarkers can be used at the bedside?**

**08:50**

Speaker: Eric Hoste (Ghent, Belgium)

##### **Discussion**

**09:05**

## Scientific Programme

**How do the biomarkers effect the treatment of AKI?** **09:10**

Speaker: Michael Darmon (Saint-Etienne, France)

**Discussion** **09:25**

Thematic Session  
08:30 - 09:30

Barcelona

### **HYPOCALORIC FEEDING DURING THE ACUTE PHASE OF CRITICAL ILLNESS**

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

Chair: Michael Hiesmayr (Vienna, Austria)

**What is hypocaloric feeding?** **08:30**

Speaker: Olav Rooyackers (Stockholm, Sweden)

**Discussion** **08:45**

**Why is hypocaloric feeding better?** **08:50**

Speaker: Michael Casear (Leuven, Belgium)

**Discussion** **09:05**

**Hypocaloric feeding and "chronic" critical illness** **09:10**

Speaker: Anne Berit Guttormsen (Bergen, Norway)

**Discussion** **09:25**

Thematic Session  
08:30 - 09:30

Stockholm

### **ICM: YEAR IN REVIEW 2**

Chair: Elie Azoulay (Paris, France)

Chair: Jean-François Timsit (Paris, France)

**Statements and guidelines in ICM** **08:30**

Speaker: Giuseppe Citerio (Monza, Italy)

**Discussion** **08:45**

**Perioperative critical care** **08:48**

Speaker: Daniel Talmor (Boston, United States)

**Discussion** **09:03**

**ICU organisation** **09:06**

Speaker: Marcio Soares (Rio de Janeiro, Brazil)

**Discussion** **09:21**

**The best 2014 papers in ICM** **09:24**

Speaker: Elie Azoulay (Paris, France)

## Scientific Programme

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

Vienna

### ICM EXPERIMENTAL 2: WHAT HAVE I LEARNT FROM EXPERIMENTAL PHYSIOLOGY

Chair: Mervyn Singer (London, United Kingdom)  
Chair: Luciano Gattinoni (Milan, Italy)

<b>Lung</b>	<b>08:30</b>
Speaker: Luciano Gattinoni (Milan, Italy)	
<b>Heart</b>	<b>08:37</b>
Speaker: Sheldon Magder (Montreal, Canada)	
<b>Circulation</b>	<b>08:44</b>
Speaker: Can Ince (Amsterdam, Netherlands)	
<b>Metabolic</b>	<b>08:51</b>
Speaker: Bruno Levy (Vandoeuvre les Nancy, France)	
<b>Kidney</b>	<b>08:58</b>
Speaker: John Kellum (Pittsburgh, United States)	
<b>Bioenergetic</b>	<b>09:05</b>
Speaker: Mervyn Singer (London, United Kingdom)	
<b>Oxygen</b>	<b>09:12</b>
Speaker: Peter Radermacher (Ulm, Germany)	
<b>Acidosis and carbon dioxide</b>	<b>09:19</b>
Speaker: Brian Kavanagh (Toronto, Canada)	
<b>Discussion</b>	<b>09:26</b>

Thematic Session  
08:30 - 09:30

NEXT Lounge

### NEXT LOUNGE - 2020: THE FUTURE OF INTENSIVE CARE

Chair: Lara Prisco (Cambridge, United Kingdom)

<b>Brain injury &amp; network dysfunction: Is the unresponsive patient unconscious?</b>	<b>08:30</b>
Speaker: David Menon (Cambridge, United Kingdom)	
Speaker: Tarek Sharshar (Paris, France)	
Speaker: Stephan Mayer (New York, United States)	

LIVES Interactive Debates  
08:30 - 09:30

Hall 7

### TREATMENT BUNDLES: A PICK FOR THE PATIENT OR SIMPLY SWAG FOR THE SALESMAN?

Chair: Andrew Rhodes (London, United Kingdom)

## Scientific Programme

### Debate

Speaker: Richard Beale (London, United Kingdom)  
Speaker: Antonio Artigas (Barcelona, Spain)  
Speaker: Mitchell Levy (Providence, United States)

08:30

Clinical Challenges Session  
08:40 - 09:30

Lisbon

### HOW DO I MANAGE THE ONCO-HAEMATOLOGIC PATIENT WITH ARDS?

Chair: Alain Combes (Paris, France)

#### Presentation

Speaker: Claude Guérin (Lyon, France)

Clinical Challenges Session  
08:40 - 09:30

Rome

### HOW DO I INTEGRATE THE HAEMODYNAMIC VARIABLES AT THE BEDSIDE?

Chair: Alexandre Mebazaa (Paris, France)

#### Presentation

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

Clinical Challenges Session  
08:40 - 09:30

Geneva

### HOW DO I MANAGE PERIOPERATIVE HEART FAILURE?

Chair: Michelle Chew (Malmö, Sweden)

#### Presentation

Speaker: Aarne Feldheiser (Berlin, Germany)

08:40

Clinical Challenges Session  
08:40 - 09:30

Paris

### HOW DO I INTERPRET ACID-BASE DISORDERS?

Chair: Wilfred Druml (Vienna, Austria)

#### Presentation

Speaker: Carole Ichai (Nice, France)

## Scientific Programme

Clinical Challenges Session  
08:40 - 09:30

Glasgow

### HOW DO I PERFORM A SAFE TRANSPORT FOR MY ICU PATIENTS?

Chair: Rui Paulo Moreno (Lisbon, Portugal)

#### Presentation

Speaker: Andreas Valentin (Schwarzach, Austria)

Oral Presentations  
09:40 - 11:00

Berlin

### ABSTRACT AWARD WINNING SESSION

Chair: Jozef Kesecioglu (Utrecht, Netherlands)  
Chair: Jacques Duranteau (Kremlin-Bicetre, France)  
Chair: Julia Wendon (London, United Kingdom)  
Chair: Ignacio Martin-Loeches (Dublin, Ireland)  
Chair: Christina Agvald-Öhman (Stockholm, Sweden)

#### HEALTH-RELATED QUALITY OF LIFE AT 2, 6 AND 12 MONTHS AFTER CRITICAL ILLNESS - LESSONS LEARNT FROM A NATIONWIDE FOLLOW-UP OF 4,500 ICU ADMISSIONS

09:40

Abstract Presenter: Lotti Orwelius (Linköping, Sweden)

#### CHLORHEXIDINE-ALCOHOL VERSUS POVIDONE IODINE-ALCOHOL ANTISEPSIS FOR CATHETER-RELATED INFECTION PREVENTION: AN OPEN- LABEL, MULTICENTRE, RANDOMISED CONTROLLED TRIAL

10:00

Abstract Presenter: Jean-François Timsit (Paris, France)

#### COMPARISON OF NEURALLY ADJUSTED VENTILATORY ASSIST AND PRESSURE SUPPORT VENTILATION DURING THE EARLY PHASE OF WEANING FROM MECHANICAL VENTILATION - A RANDOMISED CONTROLLED STUDY

10:20

Abstract Presenter: Alexandre Demoule (Paris, France)

#### LONG-TERM EFFECTS OF REMOTE ISCHAEMIC PRECONDITIONING IN HIGH RISK PATIENTS UNDERGOING CARDIAC SURGERY: FOLLOW-UP OF A RANDOMISED CLINICAL TRIAL

10:40

Abstract Presenter: Alexander Zarbock (Münster, Germany)

Oral Presentations  
09:40 - 11:00

Athens

### MICROCIRCULATION

Chair: Katia Donadello (Brussels, Belgium)  
Chair: Thomas Scheeren (Groningen, Netherlands)

#### ABSENCE OF HIGH RED BLOOD CELL VELOCITY IN THE SUBLINGUAL MICROCIRCULATION OF PATIENTS WITH HYPERDYNAMIC SEPTIC SHOCK

09:40

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



## Scientific Programme

<b>MICROCIRCULATORY ALTERATIONS ARE MORE SEVERE IN ANEMIC THAN IN ISCHEMIC HYPOXIA</b>	<b>09:55</b>
Abstract Presenter: Arnaldo Dubin (La Plata, Argentina)	
<b>DEXMEDETOMIDINE AMELIORATES GUT LACTATE PRODUCTION AND IMPAIRMENT OF EXOGENOUS LACTATE CLEARANCE IN AN ENDOTOXIC SHEEP MODEL</b>	<b>10:10</b>
Abstract Presenter: Glenn Hernandez (Santiago, Chile)	
<b>ACCURACY OF AN AUTOMATIC ANALYSIS SOFTWARE TO DETECT MICROVASCULAR DENSITY PARAMETERS</b>	<b>10:25</b>
Abstract Presenter: Andrea Carsetti (Ancona, Italy)	
<b>THERMAL CHALLENGE OF THE MICROCIRCULATION IN PATIENTS AFTER CARDIAC SURGERY</b>	<b>10:40</b>
Abstract Presenter: Diego Orbegoza Cortes (Brussels, Belgium)	

Oral Presentations  
09:40 - 11:00

Barcelona

### IS THERE ANYTHING NEW IN SEPSIS MANAGEMENT?

Chair: Romain Sonnevile (Paris, France)  
Chair: Mervyn Singer (London, United Kingdom)

<b>EARLY ADMINISTRATION OF LOW DOSE NOREPINEPHRINE FOR THE PREVENTION OF ORGAN DYSFUNCTIONS IN PATIENTS WITH SEPSIS</b>	<b>09:40</b>
Abstract Presenter: Mustafa K. Arslantas (Istanbul, Turkey)	
<b>THE IMPROVE IMMUNE FUNCTION OF HAEMOFILTRATION COMBINE WITH HA HAEMOADSORPTION IN HLA - DR LOW EXPRESSION OF SEPSIS PATIENTS</b>	<b>09:55</b>
Abstract Presenter: Lijun Ying (Shaoxing, China)	
<b>GAMMA-IRRADIATED BACILLE CALMETTE-GUÉRIN VACCINATION DOES NOT MODULATE THE INNATE IMMUNE RESPONSE DURING EXPERIMENTAL HUMAN ENDOTOXEMIA</b>	<b>10:10</b>
Abstract Presenter: Linda A.C. Hamers (Nijmegen, Netherlands)	
<b>THE EFFECT OF ENDOTOXIN ADSORBER HAEMOPERFUSION ON MICROCIRCULATION IN SEPTIC PIGS</b>	<b>10:25</b>
Abstract Presenter: Yu-Chang Yeh (Taipei, Taiwan, Province of China)	
<b>HYPOXIA AND HYPOXIA-MIMETICS ATTENUATE THE INFLAMMATORY RESPONSE DURING MURINE ENDOTOXEMIA</b>	<b>10:40</b>
Abstract Presenter: Dorien Kiers (Nijmegen, Netherlands)	

Oral Presentations  
09:40 - 11:00

Lisbon

### CLINICAL STUDIES IN ACUTE RESPIRATORY FAILURE

Chair: Claude Guérin (Lyon, France)  
Chair: Samir Jaber (Montpellier, France)

## Scientific Programme

<b>AN INTERNATIONAL PHASE III RANDOMISED TRIAL ON THE EFFICACY OF HELIUM/OXYGEN DURING SPONTANEOUS BREATHING AND INTERMITTENT NON-INVASIVE VENTILATION FOR SEVERE EXACERBATIONS OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE (THE E.C.H.O.ICU TRIAL)</b>	<b>09:40</b>
Abstract Presenter: Philippe Jolliet (Lausanne, Switzerland)	
<b>CONSERVATIVE VERSUS LIBERAL OXYGENATION TARGETS FOR MECHANICALLY VENTILATED PATIENTS: PILOT MULTICENTRE RANDOMISED TRIAL</b>	<b>09:55</b>
Abstract Presenter: Gilles Capellier	
<b>AUTOMATION OF OXYGEN TITRATION IN PATIENTS WITH ACUTE RESPIRATORY DISTRESS AT THE EMERGENCY DEPARTMENT. A MULTICENTRIC INTERNATIONAL RANDOMISED CONTROLLED STUDY</b>	<b>10:10</b>
Abstract Presenter: François Lellouche (Lac-Beauport, Canada)	
<b>HIGH FLOW NASAL CANNULA OXYGEN THERAPY IN IMMUNOCOMPROMISED PATIENTS WITH ACUTE HYPOXEMIC RESPIRATORY FAILURE</b>	<b>10:25</b>
Abstract Presenter: Jean-Pierre Frat (Poitiers, France)	
<b>PROGNOSIS OF MECHANICALLY VENTILATED PATIENTS ENTERING THE WEANING PROCESS</b>	<b>10:40</b>
Abstract Presenter: Gaetan Beduneau (Rouen, France)	

Oral Presentations  
09:40 - 11:00

Rome

## SAFETY, QUALITY AND ORGANISATION OF THE ICU 2

Chair: Geoffrey Bellington (London, United Kingdom)  
Chair: Derek Angus (Pittsburgh, United States)

<b>SAFETY CULTURE IN INTENSIVE CARE IN FRANCE: IS THERE A LINK WITH MORBI-MORTALITY CONFERENCES?</b>	<b>09:40</b>
Abstract Presenter: Cédric Bretonnière (Nantes, France)	
<b>CIRCADIAN RHYTHM DISRUPTION EXISTS IN ICU PATIENTS</b>	<b>09:55</b>
Abstract Presenter: Krisztián Kiss (Szeged, Hungary)	
<b>PROCEDURAL AND EDUCATIONAL INTERVENTIONS TO REDUCE VENTILATOR-ASSOCIATED PNEUMONIA RATE: TWO YEARS OF A NATIONAL REGISTRATION PROGRAMME</b>	<b>10:10</b>
Abstract Presenter: Pascal Reper (Brussels, Belgium)	
<b>IMPACT OF TRIALS ON CLINICAL PRACTICE: INTERVENTIONS IN SEPTIC SHOCK PATIENTS BETWEEN 2005 AND 2013</b>	<b>10:25</b>
Abstract Presenter: Andrew Jones (London, United Kingdom)	
<b>COMPLICATIONS OF INTUBATION IN AN ACADEMIC MEDICAL-SURGICAL ICU</b>	<b>10:40</b>
Abstract Presenter: Kevin Shore (Toronto, Canada)	

## Scientific Programme

Oral Presentations  
09:40 - 11:00

Geneva

### MECHANISMS OF SEPSIS

Chair: Diederik Gommers (Rotterdam, Netherlands)  
Chair: Djillali Annane (Garches, France)

- |  |              |
|--|--------------|
| <b>MODULATION OF INFLAMMATORY RESPONSE RELATED TO SEVERE PERITONITIS BY POLYMYXIN-B HAEMOPERFUSION</b>   | <b>09:40</b> |
| Abstract Presenter: Remi Coudroy (Poitiers, France)  |              |
| <b>LOW DOSE IMMUNOGLOBULIN G FOR TREATMENT OF SEVERE SEPSIS AND SEPTIC SHOCK</b>   | <b>09:55</b> |
| Abstract Presenter: Yusuke Iizuka (Saitama, Japan)   |              |
| <b>TEMPORAL CHANGES IN MONOCYTIC AND NEUTROPHILIC TREM-1 AND TREM-2 SURFACE RECEPTORS IN BLOOD AND BRONCHOALVEOLAR LAVAGE FLUID IN THE DEVELOPMENT AND RESOLUTION OF VENTILATOR-ASSOCIATED PNEUMONIA (VAP)</b> | <b>10:10</b> |
| Abstract Presenter: Vimal Grover (London, United Kingdom)  |              |
| <b>THE INTERACTION BETWEEN ROS GENERATION AND FAS SIGNALING IN REGULATION OF LPS-INDUCED LUNG EPITHELIAL CELL APOPTOSIS</b>  | <b>10:25</b> |
| Abstract Presenter: Wei-Chieh Lin (Tainan, Taiwan, Province of China)  |              |
| <b>MYOCARDIAL IMPACT AND CARDIOPROTECTIVE EFFECTS OF APELIN-13 AND A C-TERMINAL-MODIFIED ANALOG DURING LPS AND CLP EXPERIMENTAL SEPSIS</b>   | <b>10:40</b> |
| Abstract Presenter: Olivier Lesur (Sherbrooke, Canada)   |              |

Oral Presentations  
09:40 - 11:00

Paris

### TRAUMATIC BRAIN INJURY

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

- |  |              |
|--|--------------|
| <b>TRAUMATIC BRAIN INJURY, NUTRITIONAL STATUS AND OUTCOMES: A REGISTRY BASED COHORT STUDY</b>                  | <b>09:40</b> |
| Abstract Presenter: Kenneth B. Christopher (Boston, United States)   |              |
| <b>EVALUATION OF DEEP VEIN THROMBOSIS IN PATIENTS WITH SEVERE TRAUMATIC BRAIN INJURIES</b>                     | <b>09:55</b> |
| Abstract Presenter: Paola Mendez (San Antonio, United States)  |              |
| <b>THE IMPACT OF FLUID BALANCE ON INTRACRANIAL PRESSURE IN PATIENTS WITH TRAUMATIC BRAIN INJURY</b>            | <b>10:10</b> |
| Abstract Presenter: Elizabeth Moore (Melbourne, Australia)   |              |
| <b>PARAMETRIC RESPONSE MAP (PRM) IS A PROMISING TOOL FOR THE MONITORING OF POST TRAUMATIC CEREBRAL OEDEMA</b>  | <b>10:25</b> |
| Abstract Presenter: Jules Grèze (Grenoble, France)   |              |
| <b>ICP AND CPP MANAGEMENT BEFORE AND AFTER 2007: IMPACT ON THE ASSOCIATION BETWEEN DOSE OF ICP AND OUTCOME</b> | <b>10:40</b> |
| Abstract Presenter: Stefan Boeckx (Leuven, Belgium)  |              |

## Scientific Programme

Oral Presentations  
09:40 - 11:00

Glasgow

### PRACTICE ADVANCES FOR N&AHPS

Chair: Carole Boulanger (Exeter, United Kingdom)  
Chair: Elsa P. Afonso (Cambridge, United Kingdom)

- |   |              |
|---|--------------|
| <b>A 3 MONTHS FOLLOW-UP OF FUNCTIONAL DEPENDENCY, MUSCLE STRENGTH, BALANCE AND ENDURANCE IN LONG-STAY ICU PATIENTS; ASSOCIATION WITH REHABILITATION PROGRAMMES</b>  | <b>09:40</b> |
| Abstract Presenter: Anja van Wieren (Leeuwarden, Netherlands)   |              |
| <b>DELIVERING INTRAPULMONARY PERCUSSIVE VENTILATION PHYSIOTHERAPY WITH ASSISTED AUTOGENIC DRAINAGE IS ASSOCIATED WITH A LOWER INCIDENCE OF VENTILATOR-ASSOCIATED GRAM-NEGATIVE INFECTION</b>                  | <b>09:55</b> |
| Abstract Presenter: Marianne Borremans (Brussels, Belgium)  |              |
| <b>CAPACITY BUILDING FOR CRITICAL CARE SKILLS TRAINING PROVISION IN RESOURCE LIMITED SETTINGS: THE NURSING INTENSIVE CARE SKILLS TRAINING (NICST) PROJECT</b>   | <b>10:10</b> |
| Abstract Presenter: Tim Stephens (London, United Kingdom)   |              |
| <b>A COLLABORATIVE APPROACH TO TRAINING WARD NURSES IN ACUTE CARE SKILLS IN RESOURCE LIMITED SETTINGS: THE NURSING INTENSIVE CARE SKILLS TRAINING (NICTS) PROJECT</b>   | <b>10:25</b> |
| Abstract Presenter: Abigail Beane (London, United Kingdom)  |              |
| <b>PREVENTION OF HOSPITAL-ACQUIRED AND CENTRAL LINE-ASSOCIATED BLOODSTREAM INFECTIONS IN THE INTENSIVE CARE UNIT THROUGH CHLORHEXIDINE GLUCONATE WASHCLOTH BATHING: A SYSTEMATIC REVIEW AND META-ANALYSIS</b> | <b>10:40</b> |
| Abstract Presenter: Elsa P. Afonso (Cambridge, United Kingdom)  |              |

Oral Presentations  
09:40 - 11:00

Stockholm

### OUTCOMES AFTER INTENSIVE CARE

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

- |  |              |
|--|--------------|
| <b>EMERGENCY GENERAL SURGERY, MALNUTRITION AND OUTCOMES IN CRITICAL ILLNESS</b>  | <b>09:40</b> |
| Abstract Presenter: Kenneth B. Christopher (Boston, United States)   |              |
| <b>POST INTENSIVE CARE SYNDROME - FROM RISK AT ICU ADMISSION TO 3 MONTHS FOLLOW-UP CLINIC</b>  | <b>09:55</b> |
| Abstract Presenter: Joana Torres (Matosinhos, Portugal)  |              |
| <b>RISK FACTORS FOR DEATH IN CHRONIC CRITICAL ILLNESS</b>  | <b>10:10</b> |
| Abstract Presenter: Sharukh Lokhandwala (Cambridge, United States)   |              |
| <b>LONG-TERM SURVIVAL IN LUNG TRANSPLANT RECIPIENTS DEPENDING ON ICU LENGTH OF STAY: OUTCOME IN A SERIES OF 653 CONSECUTIVE PATIENTS</b> | <b>10:25</b> |
| Abstract Presenter: Mikhail Zemtsovski (Copenhagen, Denmark)   |              |

## Scientific Programme

### **THE DISCRIMINATIVE CAPACITY OF KNOWN PREDICTORS OF OUTCOME FOR PATIENTS WITH ACUTE EXACERBATIONS OF COPD TREATED IN THE ICU**

**10:40**

Abstract Presenter: Dharmanand Ramnarain (Tilburg, Netherlands)

Oral Presentations  
09:40 - 11:00

Vienna

### **MONITORING DURING MECHANICAL VENTILATION AND ARDS**

Chair: Danny McAuley (Belfast, Ireland)

#### **RELIABILITY OF DIAPHRAGMATIC ULTRASONOGRAPHY TO DETECT DIAPHRAGM DYSFUNCTION IN CRITICALLY ILL PATIENTS**

**09:40**

Abstract Presenter: Martin Dres (Paris, France)

#### **MICROCIRCULATORY ALTERATIONS ARE ASSOCIATED WITH PULMONARY DEAD-SPACE FRACTION IN MODERATE AND SEVERE ARDS**

**09:55**

Abstract Presenter: Gustavo A. Ospina-Tascón (Cali, Colombia)

#### **ULTRASONOGRAPHICALLY DIAGNOSED DIAPHRAGMATIC DYSFUNCTION AND WEANING FAILURE FROM MECHANICAL VENTILATION IN CRITICALLY ILL PATIENTS**

**10:10**

Abstract Presenter: Bruno-Pierre Dubé (Paris, France)

#### **DIAPHRAGMATIC FUNCTION ASSESSED DURING AN SBT TRIAL USING M-MODE ULTRASONOGRAPHY AND MIP: A PILOT STUDY**

**10:25**

Abstract Presenter: Francesca Dalla Corte (Ferrara, Italy)

#### **ASSESSMENT OF SILENT SPACES AT DIFFERENT PEEP LEVELS BY ELECTRICAL IMPEDANCE TOMOGRAPHY IN SEVERE COPD**

**10:40**

Abstract Presenter: Andreas Daniel Waldmann (Landquart, Switzerland)

Thematic Session  
09:40 - 11:00

NEXT Lounge

### **NEXT LOUNGE - DEBATE**

Chair: Frauke Weidanz (Edinburgh, United Kingdom)

#### **Palliative care and end-of-life decisions**

**09:40**

Speaker: Andrej Michalsen (Tettnang, Germany)

Speaker: Christina Jones (Liverpool, United Kingdom)

Speaker: Bob Truog (Boston, United States)

LIVES Interactive Debates  
09:45 - 10:45

Hall 7

### **HOW TO CHOOSE A HAEMODYNAMIC MONITORING SYSTEM IN SHOCK?**

Chair: Azriel Perel (Tel Aviv, Israel)

## Scientific Programme

### Debate

09:45

Speaker: Jean-Louis Vincent (Brussels, Belgium)  
Speaker: Daniel De Backer (Brussels, Belgium)  
Speaker: Jean-Louis Teboul (Kremlin-Bicetre, France)

Poster Corner  
10:10 - 12:00

Poster Corner

## FLUIDS, DRUGS & MONITORING

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

### **HYPERTONIC SALINE IMPROVES RENAL OXYGENATION, RENAL FUNCTION AND INFLAMMATION FOLLOWING ISCHEMIA/REPERFUSION-INDUCED ACUTE KIDNEY INJURY**

Abstract Presenter: Bulent Ergin (Amsterdam, Netherlands)

### **IMPACT OF DIURETICS USE OVER AKI DEVELOPMENT AND HOSPITAL MORTALITY IN ICU PATIENTS**

Abstract Presenter: Esther Banderas-Bravo (Malaga, Spain)

### **RELATIONSHIP BETWEEN HYPERCHLOREMIA IN BRAIN-DEAD DONORS AND DELAYED GRAFT FUNCTION IN THE KIDNEY ALLOGRAFT RECIPIENTS**

Abstract Presenter: Eva Kieslichová (Prague, Czech Republic)

### **GLOMERULAR FILTRATION RATE (GFR) IS ACCURATELY AND PRECISELY MEASURED BY A CONTINUOUS LOW DOSE IOHEXOL INFUSION (CILD) DURING ACUTE KIDNEY INJURY (AKI)**

Abstract Presenter: John J. Dixon (London, United Kingdom)

### **UTILITY OF RENAL RESISTIVE INDEX AS AN EARLY MARKER OF ACUTE KIDNEY INJURY RELATED TO INTRA-ABDOMINAL PRESSURE IN CRITICAL ILL PATIENTS**

Abstract Presenter: Claudia Vera Ching (Girona, Spain)

### **BLOOD TRANSFUSION REQUIREMENTS AND FILTER LONGEVITY WITH REGIONAL CITRATE ANTICOAGULATION COMPARED WITH HEPARIN**

Abstract Presenter: Anair Beverly (Guildford, United Kingdom)

### **GUIDEWIRE EXCHANGE VS NEW-SITE PLACEMENT FOR TEMPORARY DIALYSIS CATHETERS INSERTION IN ICU PATIENTS: IS THERE A GREATER RISK OF COLONIZATION OR DYSFUNCTION?**

Abstract Presenter: Elisabeth Coupez (Clermont-Ferrand, France)

### **CONTINUOUS VENO-VENOUS HEMOFILTRATION IN PATIENTS WITH METFORMIN ASSOCIATED LACTIC ACIDOSIS**

Abstract Presenter: Carina Bethlehem (Amsterdam, Netherlands)

### **ELEVATION OF SERUM PHOSPHORUS, AN EARLY BIOMARKER OF ACUTE KIDNEY INJURY AFTER CARDIAC SURGERY?**

Abstract Presenter: Marine Saour (Montpellier, France)

### **WEIGHT GAIN A RISK FACTOR FOR MORTALITY IN PATIENTS WITH ACUTE KIDNEY INJURY REQUIRING CONTINUOUS RENAL REPLACEMENT THERAPY**

Abstract Presenter: Carolina Maldonado Toral (Barcelona, Spain)

## Scientific Programme

### **EFFECTS OF MILD THERAPEUTIC HYPOTHERMIA ON ACUTE KIDNEY INJURY AFTER CARDIOPULMONARY RESUSCITATION**

Abstract Presenter: Julia Hasslacher (Innsbruck, Austria)

### **UREMIC ENCEPHALOPATHY IN CRITICAL CARE: DOES IT EXIST AND DOES RENAL REPLACEMENT THERAPY IMPROVE OUTCOME?**

Abstract Presenter: M. de Mos (Rotterdam, Netherlands)

### **HEMODYNAMIC AND METABOLIC ALTERATIONS ASSOCIATED WITH SEPTIC ACUTE KIDNEY INJURY IN EXPERIMENTAL SEPSIS**

Abstract Presenter: Emiel Hendrik Post (Brussels, Belgium)

Poster Corner  
10:10 - 12:00

Poster Corner

## **EXTRACORPOREAL SUPPORT FOR RESPIRATORY FAILURE**

Chair: Michael Quintel (Göttingen, Germany)  
Chair: Bjoern Weiss (Berlin, Germany)

### **AN INNOVATIVE TECHNIQUE FOR EXTRACORPOREAL CARBON DIOXIDE REMOVAL FEATURING AN ELECTRODIALYSIS UNIT: AN IN-VITRO EXPERIMENT**

Abstract Presenter: Alberto Zanella (Monza, Italy)

### **EXTRACORPOREAL SELECTIVE CHLORIDE REMOVAL BY ELECTRODIALYSIS: AN INNOVATIVE TREATMENT FOR RESPIRATORY AND METABOLIC ACIDOSIS**

Abstract Presenter: Alberto Zanella (Monza, Italy)

### **EFFECT OF A LUNG REST STRATEGY DURING ECMO IN A PORCINE ACUTE LUNG INJURY MODEL**

Abstract Presenter: Alejandro Bruhn (Santiago, Chile)

### **RECIRCULATION DIFFERENCES IN VENO-VENOUS EXTRACORPOREAL MEMBRANE OXYGENATION BY DIFFERENT TYPES OF CANNULA DESIGNS**

Abstract Presenter: Oscar Palmér (Stockholm, Sweden)

### **FEASIBILITY OF THE IMPLEMENTATION OF A TECHNIC OF EXTRA-CORPOREAL CO<sub>2</sub> REMOVAL (ECCO<sub>2</sub>R) IN AN INTENSIVE CARE UNIT WHICH DOESN'T USE ECMO AND ITS REAL UTILIZATION**

Abstract Presenter: Jean Francois Georger (Villeneuve Saint Georges, France)

### **TEMPERATURE MONITORING DURING ECMO: AN IN VITRO STUDY**

Abstract Presenter: Francesco Mojoli (Pavia, Italy)

### **RESPIRATORY MECHANICS IN ACUTE RESPIRATORY DISTRESS SYNDROME: A QUALITY IMPROVEMENT BASED REGISTRY PROJECT**

Abstract Presenter: Lu Chen (Toronto, Canada)

### **LUNG PROTECTIVE VENTILATION- COMPLIANCE WITH BEST PRACTICE GUIDANCE: CRITICAL CARE NETWORK AUDIT**

Abstract Presenter: Rebecca M. Gale (Liverpool, United Kingdom)

### **CEREBRAL AUTOREGULATION IN PATIENTS TREATED WITH V-VECMO FOR SEVERE ARDS**

Abstract Presenter: Vito Fanelli (Turin, Italy)

## Scientific Programme

**'AWAKE' EXTRACORPOREAL MEMBRANE OXYGENATION REQUIRES ADEQUATE LOWER BODY MUSCLE TRAINING AND MOBILISATION AS SUCCESSFUL BRIDGE TO LUNG TRANSPLANT**

Abstract Presenter: Jeanne A J M Hermens (Utrecht, Netherlands)

**IN PATIENTS UNDER EXTRACORPOREAL CO<sub>2</sub> REMOVAL THERAPY (ECCO<sub>2</sub>R) FOR ARDS CAN WE DO PRONE POSITION? EFFICIENCY, STABILITY AND SAFETY OF THE MANEUVER**

Abstract Presenter: Jean Francois Georger (Villeneuve Saint Georges, France)

**COAGULATION DISORDERS IN SUBJECTS UNDERGOING PUMP-DRIVEN VENO-VENOUS ECCO<sub>2</sub>-R FOR SEVERE ACUTE HYPERCAPNIC RESPIRATORY FAILURE - A SINGLE CENTER EXPERIENCE**

Abstract Presenter: Ulrich Harler (Innsbruck, Austria)

**RELATIVE LOW FLOW EXTRA CORPOREAL CO<sub>2</sub>-REMOVAL IN ARDS PATIENTS: A PILOT STUDY**

Abstract Presenter: Harlinde Peperstraete (Gent, Belgium)

**ARTIFICIAL LUNG GAS EXCHANGES DEPEND ON ECMO SETTINGS**

Abstract Presenter: Francesco Mojoli (Pavia, Italy)

Poster Corner  
10:10 - 12:00

Poster Corner

## **ACUTE RESPIRATORY FAILURE AND MECHANICAL VENTILATION: EXPERIMENTAL STUDIES**

Chair: Brian Kavanagh (Toronto, Canada)

Chair: Salvatore Maggiore (Rome, Italy)

**TLQP-21 MODULATE INFLAMMATION AND FIBROSIS IN A MODEL OF ARDS**

Abstract Presenter: Federico Pozzi (Monza, Italy)

**EPH-EPHRIN SIGNALING IN HYPEROXIA INDUCED LUNG INJURY**

Abstract Presenter: Jung Mo Lee (Seoul, Korea, Republic of)

**ANALYSIS OF VENTILATOR INDUCED LUNG INJURY IMPACT IN LUNG AND CARDIAC TISSUE IN A MURINE MODEL**

Abstract Presenter: Enrique Correger (La Plata, Argentina)

**MIRNA INTERFERENCE IN HUMAN PULMONARY ALVEOLAR EPITHELIAL CELLS (HPAEPIC) UNDERGOING CYCLIC STRETCH AND IN EX VIVO VENTILATED AND PERFUSED RAT LUNGS**

Abstract Presenter: Antonio Ferruelo (Getafe, Spain)

**ALVEOLAR DEFLATION DYNAMICS BEFORE AND AFTER LUNG INJURY ASSESSED BY SYNCHROTRON RADIATION COMPUTED TOMOGRAPHY**

Abstract Presenter: Gaetano Perchiazzi (Bari, Italy)

**BIOLOGICAL IMPACT OF DIFFERENT VENTILATORY STRATEGIES DURING OPEN ABDOMINAL SURGERY IN A RAT MODEL**

Abstract Presenter: Ligia Maia (Rio de Janeiro, Brazil)

**PRESSURE-SUPPORT IMPROVES LUNG PROTECTION AND REDUCES CARDIOVASCULAR DYSFUNCTION COMPARED TO PRESSURE-CONTROLLED VENTILATION IN EXPERIMENTAL EMPHYSEMA**

Abstract Presenter: Gisele Padilha (Rio de Janeiro, Brazil)



## Scientific Programme

### **HEPARIN EFFECT IN ALVEOLAR CELLS AND MACROPHAGES IN AN ACUTE LUNG INJURY MODEL**

Abstract Presenter: Marta Camprubí-Rimblas (Sabadell, Spain)

### **EFFECTS OF INHALED ANESTHETICS SEVOFLURANE AND ISOFLURANE ON LUNG MORPHOFUNCTION AND BIOLOGICAL MARKERS IN EXPERIMENTAL PULMONARY AND EXTRAPULMONARY ACUTE RESPIRATORY DISTRESS SYNDROME**

Abstract Presenter: Cynthia Santos Samary (Rio de Janeiro, Brazil)

### **THE DIAPHRAGM HAS AN EXPIRATORY BRAKING EFFECT IN SPONTANEOUSLY BREATHING LUNG INJURED ANIMALS AS SHOWN BY ELECTRICAL DIAPHRAGMATIC ACTIVITY**

Abstract Presenter: Mariangela Pellegrini (Uppsala, Sweden)

### **EFFECTS OF PRESSURE-SUPPORT VENTILATION WITH DIFFERENT LEVELS OF POSITIVE END-EXPIRATORY IN A MILD MODEL OF ACUTE RESPIRATORY DISTRESS SYNDROME**

Abstract Presenter: Paulo André Freire Magalhães (Rio de Janeiro, Brazil)

### **EFFECTS OF LOW DOSE INTRAVENOUS SODIUM NITRITE ON ARTERIAL OXYGENATION AND HEMODYNAMICS IN EXPERIMENTAL ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS)**

Abstract Presenter: Sebastian Kronfeldt (Berlin, Germany)

### **INTRAVENOUS OXYGEN ADMINISTRATION IN A RAT MODEL OF HYPOXIA**

Abstract Presenter: Elisa Damiani (Ancona, Italy)

Poster Corner  
10:10 - 12:00

Poster Corner

## **CARDIO-VASCULAR MONITORING**

Chair: Xavier Monnet (Kremlin-Bicetre, France)  
Chair: Nadia Aissaoui (Paris, France)

### **PASSIVE LEG RAISING FOR PREDICTING FLUID RESPONSIVENESS: A SYSTEMATIC REVIEW AND META-ANALYSIS**

Abstract Presenter: Xavier Monnet (Kremlin-Bicetre, France)

### **CAN DETECT THE LEFT VENTRICULAR CONTRACTION PERFORMANCE FROM PEP USING ECG R WAVE?**

Abstract Presenter: Koichi Yamashita (Kochi, Japan)

### **DETECTION OF HEMORRHAGE BY ANALYZING SHAPES OF THE ARTERIAL BLOOD PRESSURE WAVEFORMS**

Abstract Presenter: Sergio Romero Zambrano (Pittsburgh, United States)

### **FORECASTING ESCALATION OF CARDIO-RESPIRATORY INSTABILITY USING NONINVASIVE VITAL SIGN MONITORING DATA**

Abstract Presenter: Mathieu Guillame-Bert (Pittsburgh, United States)

### **ASSESSMENT OF FLUID RESPONSIVENESS DURING PRONE POSITION IN ARDS. A VALIDATION STUDY**

Abstract Presenter: Jean-Christophe Richard (Lyon, France)

### **R-R INTERVAL AND MODIFICATION OF CARDIAC OUTPUT FOLLOWING CARDIAC SURGERY: THE IMPORTANCE OF HEART RATE OPTIMISATION BY EXTERNAL PACE MAKER**

Abstract Presenter: Guido Tavazzi (Pavia, Italy)

## Scientific Programme

**BEDSIDE AND CONTINUOUS ASSESSMENT OF ARTERIAL LOAD IN CRITICALLY-ILL PATIENTS BY COMBINED ANALYSIS OF ESOPHAGEAL DOPPLER BLOOD FLOW AND ARTERIAL PRESSURE WAVEFORM: PRELIMINARY RESULTS**

Abstract Presenter: Manuel Ignacio Monge García (Jerez de la Frontera, Spain)

**EVALUATION OF IVC AND IJV DIMENSIONS IN PREDICTION OF FLUID RESPONSIVENESS IN SPONTANEOUS BREATHING PATIENTS WITH SEPTIC SHOCK**

Abstract Presenter: Ahmed Lotfy (Cairo, Egypt)

**THE VALUE OF THE FORE-SIGHTTM MONITOR IN THE POSTOPERATIVE PHASE AFTER CONGENITAL CARDIAC SURGERY. A DESCRIPTIVE STATISTICAL INTERIM-ANALYSIS**

Abstract Presenter: Heidi G. J. Delrue (Leuven, Belgium)

**USE OF SHOCK INDEX AS A PROGNOSTIC MARKER IN PATIENTS WITH NORMAL HEART RATE AND BLOOD PRESSURE AT ICU ADMISSION**

Abstract Presenter: Fernando Zampieri (São Paulo, Brazil)

**CORRELATION BETWEEN TWOFOLD LEFT VENTRICULAR OUTFLOW TRACT-VELOCITY TIME INTEGRAL AND STROKE VOLUME INDEX IN MECHANICALLY VENTILATED PATIENTS**

Abstract Presenter: Rafael Blancas (Aranjuez, Spain)

**ACCURACY OF CARDIAC OUTPUT ESTIMATIONS BY TRANSTHORACIC ECHOCARDIOGRAPHY COMPARED WITH AN ACCEPTED METHOD OF THERMODILUTION, THE PULMONARY ARTERY CATHETER, IN THE CRITICALLY ILL PATIENTS**

Abstract Presenter: Julen Leache Irigoyen (Tarragona, Spain)

**ASSOCIATION OF CENTRAL VENOUS PRESSURE WITH INTRA-ABDOMINAL PRESSURE, MEAN AIRWAY PRESSURE AND HAEMODYNAMICS: AN OBSERVATIONAL STUDY**

Abstract Presenter: Wolfgang Huber (Munich, Germany)

**INFERIOR VENA CAVA DISTENSIBILITY INDEX PREDICTING FLUID RESPONSIVENESS IN VENTILATED PATIENTS**

Abstract Presenter: Jimena Lujan Varas (Madrid, Spain)

Poster Corner  
10:10 - 12:00

Poster Corner

## IMAGING TECHNIQUES IN INTENSIVE CARE

Chair: Bernard Cholley (Paris, France)  
Chair: Paolo Pelosi (Genova, Italy)

**THE CYTOCAM VIDEO MICROSCOPE. A NEW METHOD FOR VISUALISING THE MICROCIRCULATION USING INCIDENT DARK FIELD (IDF) TECHNOLOGY**

Abstract Presenter: Sam D. Hutchings (Salisbury, United Kingdom)

**A CROSS-SECTIONAL STUDY ON THE COMPARISON OF FIVE ULTRASOUND MEASUREMENTS TO ESTIMATE CENTRAL VENOUS PRESSURE IN SPONTANEOUSLY BREATHING AND VENTILATED PATIENTS**

Abstract Presenter: Manuela Lanna (Imola, Italy)

**SUBCLAVIAN CENTRAL VENOUS CATHETERS GUIDANCE AND EXAMINATION BY ULTRASOUND: A RANDOMIZED CONTROLLED STUDY VERSUS LANDMARK METHOD**

Abstract Presenter: Sebastien Perbet (Clermont-Ferrand, France)

## Scientific Programme

### **THERAPEUTIC EFFICACY OF CHEST ULTRASOUND AND CHEST X-RAY AFTER CARDIAC SURGERY**

Abstract Presenter: Antonella Vezzani (Parma, Italy)

### **DIAGNOSTIC PERFORMANCE OF CT ANGIOGRAPHY FOR GASTROINTESTINAL HAEMORRHAGE ACCORDING TO THE CLINICAL SEVERITY**

Abstract Presenter: Yoo Jin Choi (Seoul, Korea, Republic of)

### **ULTRASOUND VERSUS CONVENTIONAL CHEST RADIOGRAPHY AFTER ULTRASOUND GUIDED INSERTION OF A CENTRAL LINE**

Abstract Presenter: Michael J. Blans (Arnhem, Netherlands)

### **FEASIBILITY OF ULTRASOUND-BASED IDENTIFICATION OF CORRECT CENTRAL VENOUS ACCESS USING TWO ACOUSTIC WINDOWS**

Abstract Presenter: Guenther Zick (Kiel, Germany)

### **REAL-TIME EVALUATION OF OPTIC NERVE SHEATH DIAMETER (ONSD) IN AWAKE NEUROSURGICAL PATIENTS**

Abstract Presenter: Nick Weidner (Homburg, Germany)

### **ULTRASOUND-BASED ASSESSMENT OF GASTRIC VOLUME IN ENTERALLY FED CRITICALLY ILL PATIENTS**

Abstract Presenter: Jessica Skornik (Homburg, Germany)

### **THE FICE COURSE AND QUALIFICATION - EXPERIENCE FROM THE CHESHIRE AND MERSEYSIDE GROUP**

Abstract Presenter: Jakob Dudziak (Liverpool, United Kingdom)

### **RADIATION OVERDOSE: THE UTILITY OF CT SCANNING IN SELF POISONING**

Abstract Presenter: Gurpreet Sondh (Glasgow, United Kingdom)

### **IS MAGNETIC RESONANCE IMAGING (MRI) FEASIBLE WITH AN INDWELLING TRANSPULMONARY THERMODILUTION CATHETER: DATA FROM AN OBSERVATIONAL ANALYSIS AND FROM A SURVEY**

Abstract Presenter: Wolfgang Huber (Munich, Germany)

### **CHEST ULTRASOUND FOR EVALUATION OF BILATERAL PULMONARY INFILTRATES IN INTENSIVE CARE UNIT: A COMPARISON WITH CLINICAL ASSESSMENT, SONOGRAPHIC ASSESSMENT**

Abstract Presenter: Jin Jeon (Seoul, Korea, Republic of)

### **COMPARISON OF ULTRASOUND GUIDANCE FOR AXILLARY OR SUBCLAVIAN VEIN CATHETERIZATION: A RANDOMIZED CONTROLLED NON-INFERIORITY TRIAL**

Abstract Presenter: Benjamin Louart (Nimes, France)

Poster Corner  
10:10 - 12:00

Poster Corner

## ORGANISATION OF INTENSIVE CARE

Chair: Philipp Metnitz (Vienna, Austria)  
Chair: Francesca Rubulotta (London, United Kingdom)

### **UNMET NEED FOR CRITICAL CARE ON THE WARDS - HOW MANY CRITICALLY ILL PATIENTS ARE REALLY OUT THERE?**

Abstract Presenter: Christopher P. Newell (Bath, United Kingdom)

## Scientific Programme

### **WHAT WE SAY TO FAMILIES OF INTENSIVE CARE UNIT PATIENTS - DO THEY UNDERSTAND?**

Abstract Presenter: Susana Barbosa (Faro, Portugal)

### **COMPARISON OF UNPLANNED INTENSIVE CARE UNIT READMISSION SCORES: A PROSPECTIVE COHORT STUDY**

Abstract Presenter: Regis Rosa (Porto Alegre, Brazil)

### **THE IMPACT OF ORGANIZATIONAL CHARACTERISTICS ON THE OUTCOMES OF SEPTIC PATIENTS ADMITTED TO THE ICU**

Abstract Presenter: Ligia Sarment Cunha Farah Rabello (Rio de Janeiro, Brazil)

### **REFUSAL TO ICU ADMISSION BASED ON FUTILITY**

Abstract Presenter: Olga Moreno (Granada, Spain)

### **NOWHERE ELSE TO TURN? BUILDING A CASE FOR EQUITY OF ACCESS TO VV ECMO IN THE UK FOR COMPLEX MULTI-SYSTEM PATIENTS**

Abstract Presenter: Robert Loveridge (London, United Kingdom)

### **LEADER BEHAVIOR IMPACT ON INTENSIVE CARE PRACTITIONERS' BURNOUT**

Abstract Presenter: Amr S. Omar (Doha, Qatar)

### **THE CLINICAL AND OPERATIONAL CONSEQUENCES OF PROLONGED OCCUPANCY STRAIN AND THE USE OF NON-INTENSIVE CARE BEDS TO DELIVER CRITICAL CARE IN A CENTRAL LONDON TEACHING HOSPITAL**

Abstract Presenter: Philip A. Hopkins (London, United Kingdom)

### **APPROPRIATENESS OF ADMISSION TO TWO INTENSIVE CARE UNITS AT ALEXANDRIA MAIN UNIVERSITY HOSPITAL, EGYPT**

Abstract Presenter: Akram Muhammad Fayed (Alexandria, Egypt)

### **QUALITY OF PATIENT CARE IN CRITICAL CARE UNITS: IN RELATION TO NURSE/PATIENT RATIO**

Abstract Presenter: Ann-Charlotte Falk (Solna, Sweden)

### **A COLLABORATIVE AND SUSTAINABLE APPROACH TO MULTI-DISCIPLINARY TEAM BUILDING IN CRITICAL CARE**

Abstract Presenter: Abigail Beane (London, United Kingdom)

### **CRITICALLY ILL SETTING / PRODUCTIVITY GRID (CISPG): PROPOSAL FOR DISTRIBUTION OF PRODUCTIVE TIME OF INTENSIVISTS IN A CRITICAL CARE MEDICINE DEPARTMENT (CCMD) CONSIDERING 'OUTREACH'**

Abstract Presenter: Javier Ruiz Moreno (Barcelona, Spain)

### **CONSUMPTION OF RESOURCES (CR) IN CRITICALLY ILL PATIENTS (CIP) WITH PERCUTANEOUS TRACHEOSTOMY (PT)**

Abstract Presenter: Javier Ruiz Moreno (Barcelona, Spain)

Poster Corner  
10:10 - 12:00

Poster Corner

## **OUTCOME AFTER INTENSIVE CARE 3**

Chair: Margaret Herridge (Toronto, Canada)  
Chair: Ib Jammer (Bergen, Norway)

## Scientific Programme

**INCREASE OF HOSPITAL MORTALITY IN PATIENTS ON MECHANICAL VENTILATION IN THE BIENNIUM 2012-2013: AN OBSERVATIONAL STUDY**

Abstract Presenter: Daniela García Huertas (Granada, Spain)

**OBSTETRIC INTENSIVE CARE UNIT ADMISSION: A SIX YEAR COHORT STUDY**

Abstract Presenter: Aude Ruimy (Strasbourg, France)

**THE ACCURACY OF SAPS II AND SOFA SCORE TO PREDICT MORTALITY IN IMMUNOSUPPRESSED PATIENTS ADMITTED IN INTENSIVE CARE**

Abstract Presenter: Pedro Bettencourt Medeiros (Porto, Portugal)

**INCIDENCE OF CARDIOPULMONARY ARRESTS AFTER IMPLEMENTATION OF A RAPID RESPONSE SYSTEM DURING OPERATION TIME VS NON-OPERATION TIME**

Abstract Presenter: Yun Young Choi (Seongnam, Korea, Republic of)

**SHORT AND LONG-TERM OUTCOME OF 75 OR OVER AGED PATIENTS ADMITTED TO INTENSIVE CARE UNIT (ICU): A SINGLE CENTER, OBSERVATIONAL STUDY**

Abstract Presenter: Dimitrios Lathyris (Thessaloniki, Greece)

**THE RELATIONSHIP BETWEEN TIME OF ADMISSION AND ICU OUTCOME**

Abstract Presenter: Geoffrey Warnock (Glasgow, United Kingdom)

**THE IMPACT OF POST INTENSIVE CARE SYNDROME IN PATIENTS SURVIVING THE ICU: THE DOWNSIDE OF ICU TREATMENT**

Abstract Presenter: Dharmanand Ramnarain (Tilburg, Netherlands)

**OUTCOME OF THE ELDERLY PATIENT IN INTENSIVE CARE: A COHORT STUDY**

Abstract Presenter: Anna D. Impiumi (padova, Italy)

**FLUID BALANCE AND MORTALITY IN CRITICALLY ILL PATIENTS**

Abstract Presenter: Yosra Ben Aicha (Sidi Daoued, Tunisia)

**POOR ICU PERFORMANCE IS MOST OFTEN DUE TO INCREASINGLY AGEING POPULATION (>60 YEARS) - IS THIS TRUE? AN ANALYSIS IN INDIAN SCENARIO**

Abstract Presenter: Arindam Kar (Kolkata, India)

**THE EFFECT OF INCREASED UNPLANNED SURGICAL ADMISSIONS AT A 12 BED CRITICAL CARE UNIT**

Abstract Presenter: Niall T. Nelligan (London, United Kingdom)

**EFFECT OF HEART RATE AND BLOOD PRESSURE VARIABILITY ON MORTALITY IN JAPANESE CRITICALLY ILL PATIENTS**

Abstract Presenter: Atsushi Nishigaki (Nankoku, Japan)

**CORRELATION BETWEEN FFP TRANSFUSION AND STANDARDIZED MORTALITY RATIO IN ICU PATIENTS**

Abstract Presenter: Aristidis Vakalos (Xanthi, Greece)

**ACUTE MESENTERIC ISCHEMIA AND OUTCOMES IN ICU SURVIVORS**

Abstract Presenter: Kenneth B. Christopher (Boston, United States)

## Scientific Programme

Poster Corner  
10:10 - 12:00

Poster Corner

### TRAUMATIC BRAIN INJURY

Chair: Karim Asehnoune (Nantes, France)  
Chair: Pierre Bouzat (Grenoble, France)

**BARBITURATE IS NOT A RISK FACTOR FOR LATE VENTILATOR ASSOCIATED PNEUMONIA. A POST-HOC ANALYSIS ON 441 TBI PATIENTS INCLUDED IN 2 RCTS**

Abstract Presenter: Sigismond Lasocki (Angers, France)

**SELECTIVE COOLING OF THE BRAIN IN NEWBORN PIGLETS AND RABBITS USING A NOVEL NASOPHARYNGEAL METHOD**

Abstract Presenter: Mohammad Fazel Bakhsheshi (London, Canada)

**DOPAMINERGIC CHALLENGE WITH BROMOCRIPTINE IN PATIENTS WITH SEVERE BRAIN INJURY**

Abstract Presenter: Ahmet Emin Sonmez (konya, Turkey)

**CARDIAC INJURY IN SEVERE HEAD TRAUMA, INCIDENCE AND OUTCOME**

Abstract Presenter: Amr Kamal (Cairo, Egypt)

**A NOVEL PROGNOSTIC MARKER IN SEVERE TRAUMATIC BRAIN INJURY PATIENTS: PBT02/PAO2 RATIO**

Abstract Presenter: Rafael Badenes (Valencia, Spain)

**VALUE OF ULTRASONOGRAPHIC OPTIC NERVE SHEATH DIAMETER IN ASSESSING INCREASED INTRACRANIAL PRESSURE IN PATIENTS WITH MODERATE TO SEVERE TRAUMATIC BRAIN INJURY**

Abstract Presenter: Amr Abdalla (Alexandria, Egypt)

**USE OF DECOMPRESSIVE CRANIECTOMY IN TBI PATIENTS IN A LONDON MAJOR TRAUMA CENTRE**

Abstract Presenter: Carmen Lopez Soto (Norwich, United Kingdom)

**CEREBRAL VASOSPASM IN PATIENTS WITH SEVERE TRAUMATIC BRAIN INJURY**

Abstract Presenter: Andrey Karpunin (Ryazan, Russian Federation)

**POTENTIALLY SEVERE TRAUMA BRAIN INJURY PATIENTS IN A NON REFERENCE CENTRE OF TRAUMA PATIENTS. FEATURES AND EVOLUTION**

Abstract Presenter: Victoria Andrea Hortigüela Martín (Madrid, Spain)

**CORRELATION BETWEEN CEREBRAL VENOUS-ARTERIAL PCO2 DIFFERENCE WITH JUGULAR VENOUS OXYGEN SATURATION AS GLOBAL CEREBRAL ISCHEMIA IN SEVERE TRAUMATIC BRAIN INJURY**

Abstract Presenter: Ernesto Gómez-Sandoval (Guanajuato, Mexico)

Poster Corner  
10:10 - 12:00

Poster Corner

### ADVANCES IN N&AHP PRACTICE 1

Chair: Alawi Lütz (Berlin, Germany)  
Chair: David McWilliams (Birmingham, United Kingdom)

**PERFORMANCE OF A LINEAR PERISTALTIC INFUSION PUMP DURING RED BLOOD CELLS ADMINISTRATION AND THE INFLUENCE OF INFUSION RATES**

Abstract Presenter: Mavilde Pedreira (São Paulo, Brazil)

## Scientific Programme

### **TARGETING PHYSIOTHERAPY RESOURCES - EVALUATION OF THE SOUTHAMPTON PHYSIOTHERAPY POST-OPERATIVE SCREENING TOOL (SPPOST)**

Abstract Presenter: Jonathan Weblin (Birmingham, United Kingdom)

### **MACHINE LEARNING CAN CLASSIFY VITAL SIGN ALERTS AS REAL OR ARTIFACT IN ONLINE CONTINUOUS MONITORING DATA**

Abstract Presenter: Marilyn Hravnak (Pittsburgh, United States)

### **EARLY AMBULATION USING A CYCLE ERGOMETER ON QUADRICEPS MUSCLE MORPHOLOGY IN MECHANICALLY VENTILATED CRITICALLY ILL PATIENTS IN THE INTENSIVE CARE UNIT: A RANDOMIZED CONTROLLED TRIAL**

Abstract Presenter: Silvia R. Vieira (Porto Alegre, Brazil)

### **USE OF ELECTRICAL NEUROMUSCULAR STIMULATION TO PRESERVE THE MORPHOLOGY OF ABDOMINAL AND CHEST MUSCLES OF CRITICAL PATIENTS: RANDOMIZED CLINICAL TRIAL**

Abstract Presenter: Silvia R. Vieira (Porto Alegre, Brazil)

### **IS THE MANCHESTER MOBILITY SCORE A VALID AND RELIABLE MEASURE OF PHYSICAL FUNCTION WITHIN THE INTENSIVE CARE UNIT**

Abstract Presenter: David McWilliams (Birmingham, United Kingdom)

### **IMPACT OF IMPLEMENTING THE SOUTHAMPTON PHYSIOTHERAPY POST-OPERATIVE SCREENING TOOL (SPPOST)**

Abstract Presenter: Jonathan Weblin (Birmingham, United Kingdom)

### **AN ANALYSIS OF IV TUBING IN AN INTENSIVE CARE UNIT. IS THERE ROOM FOR IMPROVEMENT?**

Abstract Presenter: Frank Doesburg (Groningen, Netherlands)

### **CLINICAL UTILITY OF REPEATED BLOOD CULTURE SAMPLING IN CRITICALLY ILL NEONATES**

Abstract Presenter: Evelien Verstraete (Ghent, Belgium)

### **DOES THE SPEAKING VALVE IMPROVE TRACHEOSTOMIZED ICU PATIENTS COMMUNICATION AND EMOTIONAL SECURITY?**

Abstract Presenter: Olga Vallès Fructuoso (Hospitalet de Llobregat, Spain)

### **THE IMPACT OF PHYSIOTHERAPY LED EDUCATION ON TIME TAKEN TO MOBILISE IN LOW RISK PATIENTS FOLLOWING HEPATOBILARY SURGERY**

Abstract Presenter: Felicity Williams (Birmingham, United Kingdom)

### **EXPLORING THE RELATIONSHIP BETWEEN THE TIME UNTIL ACTIVE REHABILITATION AND LENGTH OF STAY ON AN ADULT LIVER INTENSIVE CARE UNIT**

Abstract Presenter: Kirsty Jerrard (London, United Kingdom)

### **ERGONOMIC RISK PROFILE OF CRITICALLY ILL PATIENTS**

Abstract Presenter: Denise Carnieli-Cazati (São Paulo, Brazil)

### **NURSES' PRACTICE CONCERNING WEANING FROM MECHANICAL VENTILATION IN THE INTENSIVE CARE UNIT**

Abstract Presenter: Marta Borkowska (Ghent, Belgium)

## Scientific Programme

Poster Corner  
10:10 - 12:00

Poster Corner

### TOXICOLOGY AND SYSTEMIC DISEASES

Chair: Arjen Dondorp (Bangkok, Thailand)  
Chair: Mervyn Mer (Johannesburg, South Africa)

#### **TREATMENT OF TOXIC EPIDERMAL NECROLYSIS WITH IMMUNOGLOBULINS IN A BURN CENTER**

Abstract Presenter: Lucia Cachafeiro Fuciños (Madrid, Spain)

#### **THE RETROSPECTIVE REVIEW OF THE CONVERSION OF ECMO MODE IN PEDIATRIC PATIENTS: A SINGLE CENTER EXPERIENCE IN JAPAN**

Abstract Presenter: Takehiro Niitsu (Tokyo, Japan)

#### **THE EFFECTS FOR GROWTH OF PERIOPERATIVE ENTERAL FEEDING IN NEONATES WITH TGA**

Abstract Presenter: Hironori Ebishima (Suita, Japan)

#### **INTOX - A PROSPECTIVE MEASUREMENT OF BLOOD CONCENTRATIONS OF ROUTINE DRUGS IN PATIENTS TREATED IN THE INTENSIVE CARE UNIT**

Abstract Presenter: Ulrica Lennborn (Uppsala, Sweden)

#### **A REVIEW OF SELF-POISONING ADMISSIONS IN A FIVE-BED INTENSIVE CARE UNIT IN SCOTLAND**

Abstract Presenter: Geoffrey Warnock (Glasgow, United Kingdom)

#### **THE DIAGNOSTIC UTILITY OF EARLY CT BRAIN IMAGING IN POISONED INTENSIVE CARE PATIENTS**

Abstract Presenter: Mark Henderson (Glasgow, United Kingdom)

#### **DYSMAGNEAEMIA AND CRITICAL ILLNESS OUTCOMES**

Abstract Presenter: Kenneth B. Christopher (Boston, United States)

#### **THE EFFECT OF LOW DOSE SILDENAFIL ON VERAPAMIL - INDUCED CARDIOVASCULAR TOXICITY IN RATS**

Abstract Presenter: Fethi Gul (Istanbul, Turkey)

Poster Corner  
10:10 - 12:00

Poster Corner

### TRANSLATIONAL UNDERSTANDING IN SEPSIS

Chair: Jean-Daniel Chiche (Paris, France)  
Chair: Jose Garnacho-Montero (Seville, Spain)

#### **A STUDY OF PRO-BNP COMPARED TO PROCALCITONIN IN PATIENT WITH SEVERE SEPSIS AS A MARKER OF DIAGNOSIS OF SEPSIS IN CRITICALLY ILL PATIENTS**

Abstract Presenter: Sally Raafat Elshrief (Alexandria, Egypt)

#### **THE SYNTHETIC ANTIMICROBIAL PEPTIDE 19-2.5 INTERACTS WITH HEPARANASE AND HEPARAN SULFATE IN MURINE SEPSIS IN VIVO AND IN HUMAN SEPSIS EX VIVO**

Abstract Presenter: Lukas Martin (Aachen, Germany)

#### **CHARACTERIZATION OF MICROVESICLES IN SEPTIC SHOCK USING HIGH-SENSITIVITY FLOW CYTOMETRY**

Abstract Presenter: Georg F. Lehner (Innsbruck, Austria)



## Scientific Programme

### **PROGNOSTIC VALUE OF PROADRENOMEDULIN IN SEVERE SEPSIS AND SEPTIC SHOCK IS INDEPENDENT OF ETIOLOGY AND FOCUS OF INFECTION**

Abstract Presenter: Ramon Cicuendez (Valladolid, Spain)

### **THE NEUTROPHIL FUNCTION IN SEVERE SEPSIS/SEPTIC SHOCK PATIENTS WITH MODS**

Abstract Presenter: Niwan Klinngam (Bangkok, Thailand)

### **RELATION OF RESTING MEMBRANE POLARIZATION AND INSULIN RESISTANCE IN CRITICALLY ILL PATIENTS**

Abstract Presenter: Susanne Koch (Berlin, Germany)

### **LONGITUDINAL NEUTROPHIL CD64 EXPRESSION AS A BIOMARKER FOR ACUTE INFECTION AND SEVERITY OF DISEASE IN CRITICALLY ILL PATIENTS**

Abstract Presenter: Evelien de Jong (Amsterdam, Netherlands)

### **RELATIONSHIP BETWEEN MACROCIRCULATION AND MICROCIRCULATION MONITORED BY MICRODIALYSIS DURING SEPTIC SHOCK**

Abstract Presenter: Zied Hajjej (Tunis, Tunisia)

### **ASSOCIATION OF C-REACTIVE PROTEIN AND OUTCOME IN PATIENTS WITH COMMUNITY-ACQUIRED PNEUMONIA**

Abstract Presenter: Jun-Kyo Park (Seongnam-si, Korea, Republic of)

Poster Corner  
10:10 - 12:00

Poster Corner

## **MOLECULAR AND EXPERIMENTAL STUDIES IN SEPSIS**

Chair: Marcus Schultz (Amsterdam, Netherlands)  
Chair: Peter Pickkers (Nijmegen, Netherlands)

### **ENHANCED SPHINGOSINE-1-PHOSPHATE LEVELS AMELIORATE MURINE SEPTIC CARDIOMYOPATHY**

Abstract Presenter: Sina M. Coldewey (Jena, Germany)

### **TISSUE AND PLASMA PUTRESCINE LEVELS IN NON-SURVIVORS OF SEPSIS IN A FLUID-RESUSCITATED RAT MODEL OF FAECAL PERITONITIS**

Abstract Presenter: Davide T. Andreis (London, United Kingdom)

### **THE EFFECT OF ULINASTATIN ON SEPSIS IN THE RATS OF ADHESION MOLECULES AND ENDOTHELIAL FUNCTION**

Abstract Presenter: Xuejing Hao (Hangzhou, China)

### **HEMODYNAMICS EFFECTS OF ADRECIZUMAB IN SEPSIS RAT**

Abstract Presenter: Alice Blet (Paris, France)

### **DEVELOPMENT AND CHARACTERIZATION OF A NOVEL MODEL OF INVASIVE PNEUMOCOCCAL PNEUMONIA IN INVASIVELY VENTILATED PIGS**

Abstract Presenter: Gianluigi Li Bassi (Barcelona, Spain)

### **PRE-EXISTING SYSTEMIC INFLAMMATION ATTENUATES BACTERIAL CLEARANCE BY THE LIVER IN PORCINE ABDOMINAL SEPSIS**

Abstract Presenter: Katja Hanslin (Uppsala, Sweden)

## Scientific Programme

### **ACTIVATION-ASSOCIATED DEATH OF MEMORY B CELLS IN PERIPHERAL CIRCULATION IN ADULTS WITH SEPSIS**

Abstract Presenter: Manu Shankar-Hari (London, United Kingdom)

### **LYMPHOCYTE PHENOTYPE DURING SEVERE SEPSIS AND SEPTIC SHOCK**

Abstract Presenter: Matthieu Le Dorze (Paris, France)

### **THE EFFECT OF PLASMA FROM SEPTIC ICU PATIENTS ON HEALTHY RAT MUSCLE MITOCHONDRIA**

Abstract Presenter: Jonathan Grip (Huddinge, Sweden)

Poster Corner  
10:10 - 12:00

Poster Corner

## **CARDIO-VASCULAR STUDIES 2**

Chair: Pierre Squara (Neuilly-sur-Seine, France)

Chair: Didier Payen (Paris, France)

### **CARDIAC ARRESTS IN UNMONITORED WARDS: 3 YEARS IN A HOSPITAL**

Abstract Presenter: Alberto Iglesias Santiago (Granada, Spain)

### **LEVOSIMENDAN USE IN CRITICAL CARE - A CASE SERIES**

Abstract Presenter: Charles Gibson (Exeter, United Kingdom)

### **RELIABLE EVALUATION OF LEFT VENTRICULAR FUNCTION DURING VENO-ARTERIAL EXTRACORPOREAL MEMBRANE OXYGENATION**

Abstract Presenter: Philippe Morimont (Liège, Belgium)

### **THRANSAORTIC VALVE REPLACEMENT, COMPLICATIONS AND VALIDATION OF A PROTOCOL IN ICU**

Abstract Presenter: Ana Berrazueta (Burgos, Spain)

### **POINT OF CARE ULTRASOUND - THE NONINVASIVE EVALUATION OF HEMODYNAMIC STATUS**

Abstract Presenter: Tomasz Zawada (Wrocław, Poland)

### **DIFFERENCES BETWEEN ACUTE CORONARY SYNDROME WITH ST ELEVATION ACCORDING TO BE ISCHEMIC OR NON-ISCHEMIC CAUSE IN A CARDIOLOGICAL ICU**

Abstract Presenter: Fernando Miguel Acosta (Granada, Spain)

### **EVALUATION OF COMPLICATIONS OF ADMINISTRATION FOR TOLVAPTAN AFTER FLUID RESUSCITATION IN CRITICAL CARE**

Abstract Presenter: Hideki Arimoto (Osaka, Japan)

### **CRITICAL ILLNESS-RELATED CORTICOSTEROID INSUFFICIENCY IN PATIENTS WITH LOW CARDIAC OUTPUT SYNDROME AFTER CARDIAC SURGERY**

Abstract Presenter: Ju Yong Lim (Seoul, Korea, Republic of)

### **COMPARISON OF EFFICIENCY BETWEEN I-GEL BLIND INTUBATION AND I-GEL-ASSISTED BRONCHOSCOPIC INTUBATION DURING CARDIOPULMONARY RESUSCITATION: RANDOMIZED SIMULATION STUDY**

Abstract Presenter: Wonhee Kim (Seoul, Korea, Republic of)

## Scientific Programme

Poster Corner  
10:10 - 12:00

Poster Corner

### NUTRITION - HOW TO IMPROVE? 2

Chair: Steffen Weber-Carstens (Berlin, Germany)  
Chair: Kenneth B. Christopher (Boston, United States)

#### **ARE WE GETTING LATE TO FEED THE PATIENTS AFTER OPENING PERCUTANEOUS ENDOSCOPIC GASTROSTOMY IN THE INTENSIVE CARE UNIT?**

Abstract Presenter: Birgul Buyukkidan Yelken (Eskisehir, Turkey)

#### **THE ROLE OF DIRECT CURRENT POTENTIALS IN ASSESSMENT OF ENERGY METABOLISM PATTERN IN SURGICAL PATIENTS**

Abstract Presenter: Igor Zabolotskikh (Krasnodar, Russian Federation)

#### **ARE ENERGY AND PROTEIN TARGETS BEING MET IN THE ICU?**

Abstract Presenter: Rhian Booth (Newport, United Kingdom)

#### **ARE WE MEETING THE CALORIFIC AND PROTEIN REQUIREMENT NEEDED IN THE INTENSIVE CARE SETTING?**

Abstract Presenter: Samuel Thomas Passey (Stoke-on-Trent, United Kingdom)

#### **CAUSES OF INTERRUPTION IN ENTERAL NUTRITION IN CCU PATIENTS - EXPERIENCE FROM AN INDIAN HOSPITAL**

Abstract Presenter: Arindam Kar (Kolkata, India)

#### **CAN BIOELECTRICAL IMPEDANCE ANALYSIS EFFECTIVELY REFLECT THE NUTRITIONAL STATUS OF INTENSIVE CARE UNIT PATIENTS?**

Abstract Presenter: Alai Taggu (Bangalore, India)

#### **BEDSIDE ADIPOSE TISSUE METABOLISM IN ACUTE CRITICAL CARE ILLNESS MONITORED BY MICRODIALYSIS (MD)**

Abstract Presenter: Maria Theodorakopoulou (Athens, Greece)

#### **ACCURACY OF SOFA SCORE EVALUATION AND CRITICAL HYPERGLYCEMIA AFTER BURNS**

Abstract Presenter: Monika K. Belba (Tirana, Albania)

#### **SERUM MINERAL CONCENTRATIONS IN THE PATIENTS OF SURGICAL INTENSIVE CARE UNIT**

Abstract Presenter: Jae-Myeong Lee (Suwon, Korea, Republic of)

#### **FACTORS IMPACT ON INSUFFICIENT NUTRITION AND EFFECTS OF TIMELY ADEQUATE NUTRITION SUPPORT ON PATIENT OUTCOMES IN ADULT INTENSIVE CARE PATIENTS**

Abstract Presenter: Yusuf Savran (Izmir, Turkey)

#### **EMPHASIZING MULTIPROFESSIONAL COLLABORATION TO MEET THE ICU PATIENTS NUTRITION NEEDS**

Abstract Presenter: Oddveig Reiersdal (Kristiansand, Norway)

Thematic Session  
11:00 - 12:00

Berlin

### NOREPINEPHRINE IN SHOCK STATES

Chair: Pierre Asfar (Angers, France)  
Chair: Antoine Vieillard-Baron (Boulogne, France)

## Scientific Programme

<b>Effects on macrocirculation</b>	<b>11:00</b>
Speaker: Bruno Levy (Vandoeuvre les Nancy, France)	
<b>Discussion</b>	<b>11:15</b>
<b>Effects on microcirculation</b>	<b>11:20</b>
Speaker: Daniel De Backer (Brussels, Belgium)	
<b>Discussion</b>	<b>11:35</b>
<b>Which therapeutic targets?</b>	<b>11:40</b>
Speaker: Thomas Scheeren (Groningen, Netherlands)	
<b>Discussion</b>	<b>11:55</b>

Thematic Session  
11:00 - 12:00

Athens

### SEVERE PNEUMONIA FROM THE COMMUNITY

Chair: Antonio Artigas (Barcelona, Spain)  
Chair: Garyphalia Poulakou (Athens, Greece)

<b>New diagnostic tests: How to use it in ICU?</b>	<b>11:00</b>
Speaker: Tobias Welte (Hanover, Germany)	
<b>Discussion</b>	<b>11:15</b>
<b>Healthcare-associated pneumonia: Practical issues</b>	<b>11:20</b>
Speaker: Jean-François Timsit (Paris, France)	
<b>Discussion</b>	<b>11:35</b>
<b>How to treat severe CAP in ICU?</b>	<b>11:40</b>
Speaker: Miquel Ferrer (Barcelona, Spain)	
<b>Discussion</b>	<b>11:55</b>

Thematic Session  
11:00 - 12:00

Barcelona

### A CHANGE OF MINDSET

Chair: Armand Girbes (Amsterdam, Netherlands)  
Chair: Stijn Blot (Ghent, Belgium)

<b>Intubated patients talking!</b>	<b>11:00</b>
Speaker: Armand Girbes (Amsterdam, Netherlands)	
<b>Discussion</b>	<b>11:15</b>
<b>ECMO patients walking!</b>	<b>11:20</b>
Speaker: Giorgio Iotti (Pavia, Italy)	
<b>Discussion</b>	<b>11:35</b>

## Scientific Programme

<b>Gymnastics for ICU patients</b>	<b>11:40</b>
Speaker: Paul Young (Wellington, New Zealand)	
<b>Discussion</b>	<b>11:55</b>

Clinical Challenges Session 11:00 - 11:50	Lisbon
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### HOW DO I MANAGE FLUIDS IN SEPSIS?

Chair: Konrad Reinhart (Jena, Germany)

#### Presentation

Speaker: Claude Martin (Marseille, France)

Clinical Challenges Session 11:00 - 11:50	Rome
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### HOW DO I START AND WHEN DO I STOP RRT?

Chair: Ville Pettilä (Helsinki, Finland)

#### Presentation

Speaker: Marlies Ostermann (London, United Kingdom)

Clinical Challenges Session 11:00 - 11:50	Geneva
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### HOW DO I TAKE CARE OF SEVERE SKIN AND SOFT TISSUE INFECTIONS?

Chair: Jan De Waele (Ghent, Belgium)

#### Presentation

Speaker: Christian Brun-Buisson (Créteil, France)

Clinical Challenges Session 11:00 - 11:50	Paris
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### HOW DO I USE ANTIDOTES IN SEVERE POISONING?

Chair: Alain Cariou (Paris, France)

#### Presentation

Speaker: Bruno Mégarbane (Paris, France)

## Scientific Programme

Clinical Challenges Session  
11:00 - 11:50

Glasgow

### HOW DO I TRIAGE ADMISSION FOR THE LAST ICU-BED?

Chair: Doug White (Pittsburgh, United States)

#### Presentation

Speaker: Dominique Benoit (Ghent, Belgium)

Thematic Session  
11:00 - 12:00

Stockholm

### PATIENT DATA MANAGEMENT SYSTEMS (PDMS): TAILORING TO FIT AN ICU'S BODY SHAPE

Chair: Marius Terblanche (London, United Kingdom)

Chair: Carl Waldmann (Reading, United Kingdom)

**Customisable elements of PDMS: The ideal and the minimum** 11:00

Speaker: Michael Hiesmayr (Vienna, Austria)

**Discussion** 11:15

**Criteria of defining minimum recorded PDMS dataset** 11:20

Speaker: Theodoros Kyprianou (Nicosia, Cyprus)

**Discussion** 11:35

**How to implement clinical guidelines and care bundles through PDMS** 11:40

Speaker: Johan Decruyenaere (Gent, Belgium)

**Discussion** 11:55

Thematic Session  
11:00 - 12:00

Vienna

### THE VENTILATED PATIENT WITH CHRONIC NEUROMUSCULAR DISEASE

Chair: Rik Gerritsen (Leeuwarden, Netherlands)

Chair: Giorgio Conti (Rome, Italy)

**Ventilator management in the ICU** 11:00

Speaker: Tarek Sharshar (Paris, France)

**Discussion** 11:15

**Diaphragm pacing** 11:20

Speaker: Alexandre Demoule (Paris, France)

**Discussion** 11:35

**Withdrawing ventilatory support?** 11:40

Speaker: Rik Gerritsen (Leeuwarden, Netherlands)

**Discussion** 11:55

## Scientific Programme

Thematic Session  
11:00 - 12:00

NEXT Lounge

### NEXT LOUNGE - MEET THE EXPERT

Chair: Julia Werner (Berlin, Germany)

#### Is the trauma patient bleeding?

11:00

Speaker: Kai Zacharowski (Frankfurt am Main, Germany)

LIVES Interactive Debates  
11:00 - 12:00

Hall 7

### TRANSFUSIONS IN CARDIAC SURGERY - WHEN IS RESTRICTIVE TOO RESTRICTIVE?

Chair: Aryeh Shander (New York, United States)

#### Debate

11:00

Speaker: Anders Perner (Copenhagen, Denmark)

Speaker: Christian Von Heymann (Berlin, Germany)

Speaker: Diederik van Dijk (Utrecht, Netherlands)

Postgraduate Course  
12:10 - 14:00

NEXT Lounge

### NEXT LOUNGE - RESEARCH WORKSHOP

#### Interim analysis - Why do it, what are the pitfalls?

12:10

Speaker: Claudia Spies (Berlin, Germany)

#### The challenge of informed consent in Intensive Care Research

12:30

Speaker: Rik Gerritsen (Leeuwarden, Netherlands)

Speaker: Stephen J. Brett (London, United Kingdom)

#### Workshop 2 - Critical literature appraisal

13:00

Speaker: Leo Anthony Celi (Boston, United States)

Speaker: Stephen J. Brett (London, United Kingdom)

Speaker: Geert Meyfroidt (Leuven, Belgium)

Speaker: Massimo Antonelli (Rome, Italy)

Industry Sponsored Session  
12:30 - 14:00

Berlin

### INDUSTRY SPONSORED SESSION

Industry Sponsored Session  
12:30 - 14:00

Athens

### INDUSTRY SPONSORED SESSION

## Scientific Programme

Industry Sponsored Session  
12:30 - 14:00

Barcelona

### INDUSTRY SPONSORED SESSION

Industry Sponsored Session  
12:30 - 14:00

Lisbon

### INDUSTRY SPONSORED SESSION

Industry Sponsored Session  
12:30 - 14:00

Rome

### INDUSTRY SPONSORED SESSION

Industry Sponsored Session  
12:30 - 14:00

Geneva

### INDUSTRY SPONSORED SESSION

Industry Sponsored Session  
12:30 - 14:00

Paris

### INDUSTRY SPONSORED SESSION

Industry Sponsored Session  
12:30 - 14:00

Glasgow

### INDUSTRY SPONSORED SESSION

Poster Corner  
14:00 - 15:50

Poster Corner

### PREDICTORS OF AKI & DRUG PRESCRIPTION

Chair: Eric Hoste (Ghent, Belgium)  
Chair: Lui Forni (Guildford, United Kingdom)

#### **EFFECT OF ENDOTOXIN ABSORPTION BY POLYMXIN B HEMOPERFUSION IN DIALYSIS-REQUIRING ACUTE KIDNEY INJURY**

Abstract Presenter: Kent Doi (Tokyo, Japan)

#### **HIGH NORMAL VALUES OF CIRCULATING IMMUNE CELL SUBSETS BEFORE SURGERY MAY BE PROTECTIVE AGAINST DEVELOPMENT OF POSTOPERATIVE ACUTE KIDNEY INJURY**

Abstract Presenter: Katharina Ehehalt (Regensburg, Germany)



## Scientific Programme

### **HEPATOCELLULAR RESPONSE TO ACUTE KIDNEY INJURY IN THE CRITICALLY ILL: SERUM INDUCES CYP2D6 TRANSCRIPTION**

Abstract Presenter: Katie Lane (London, United Kingdom)

### **VARIABILITY IN VANCOMYCIN LEVELS IN AN INTENSIVE CARE POPULATION EXPLAINED BY VARIABILITY IN CLEARANCE**

Abstract Presenter: Elin Helset (Oslo, Norway)

### **MAGNESIUM PROFILES IN RENAL REPLACEMENT THERAPY (RRT) ON ICU: CITRATE CVVH (CICVVH) VS. INTERMITTENT HAEMODIALYSIS (IHD)**

Abstract Presenter: Nele Billiet (Genk, Belgium)

### **LINEZOLID PHARMACOKINETICS IN CRITICALLY ILL PATIENTS WITH RENAL REPLACEMENT THERAPY: COMPARISON OF EQUI-DOSE OF CONTINUOUS VENO-VENOUS HAEMOFILTRATION WITH CONTINUOUS VENO-VENOUS HAEMODIAFILTRATION**

Abstract Presenter: Benjamin Louart (Nîmes, France)

### **PRESCRIPTION OF CARDIOPROTECTIVE DRUGS AFTER ACUTE KIDNEY INJURY**

Abstract Presenter: Ahmed El-Solia (London, United Kingdom)

### **INFLUENCE OF ACUTE KIDNEY INJURY ON HIGH SENSITIVE TROPONIN AFTER CARDIAC SURGERY. A SINGLE CENTER RETROSPECTIVE OBSERVATIONAL STUDY**

Abstract Presenter: Amr S. Omar (Doha, Qatar)

### **DETERMINATION OF RISK FACTORS FOR ACUTE RENAL FAILURE AFTER CARDIAC SURGERY**

Abstract Presenter: Tülin Akarsu Ayazoğlu (Istanbul, Turkey)

### **PREDICTORS FOR AKI IN A CARDIAC SURGERY POPULATION UNDERGOING CARDIO-PULMONARY BYPASS**

Abstract Presenter: Frauke Ramakers (Genk, Belgium)

### **MINIMAL CHANGES OF SERUM CREATININE IN THE EARLY POSTOPERATIVE PERIOD PREDICT PROGNOSIS IN PATIENTS AFTER CARDIAC SURGERY**

Abstract Presenter: Martin H. Bernardi (Vienna, Austria)

Poster Corner  
14:00 - 15:50

Poster Corner

## **MECHANICAL VENTILATION: CLINICAL STUDIES**

Chair: Salvatore Maggiore (Rome, Italy)  
Chair: Julia Werner (Berlin, Germany)

### **METRICS OF ARTERIAL HYPEROXIA AND ASSOCIATED OUTCOME IN CRITICAL CARE**

Abstract Presenter: Hendrik J. F. Helmerhorst (Leiden, Netherlands)

### **IN NEURO CRITICAL CARE, CAPNIA CAN BE OPTIMALLY CONTROLLED USING A CLOSED-LOOP VENTILATION SYSTEM BASED ON END-TIDAL CO<sub>2</sub> SIGNAL (INTELLIVENT-ASV®): PRELIMINARY RESULTS OF A PROSPECTIVE INTERVENTIONAL STUDY**

Abstract Presenter: Lise Piquilloud (Lausanne, Switzerland)

### **DISSIPATED ENERGY DURING PROTECTIVE MECHANICAL VENTILATION**

Abstract Presenter: Miriam Gotti (Milano, Italy)

### **COUGH PEAK EXPIRATORY FLOW. ASSISTANCE AT EXTUBATION AND OUTCOMES**

Abstract Presenter: Purificacion Carmona Sanchez (Cordoba, Spain)

## Scientific Programme

**DIFFERENCES IN FUNCTIONAL EXERCISE CAPACITY AND PULMONARY FUNCTION TESTS BETWEEN ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS) OF PULMONARY AND EXTRAPULMONARY ORIGIN**

Abstract Presenter: Beatriz Llorente Ruiz (Madrid, Spain)

**LUNG VOLUME DISTRIBUTION IN PROLONGED MECHANICAL VENTILATION PATIENTS FROM ASSIST CONTROL MODE TO SPONTANEOUS TRIAL MODE OF AUTOMATIC TUBING COMPENSATION IN ELECTRICAL IMPEDANCE TOMOGRAPHY**

Abstract Presenter: Mei-Yun Chang (Taipei City, Taiwan, Province of China)

**PRESENTING ILLNESS AND MORTALITY OUTCOMES FOR PATIENTS INTUBATED IN AN ACADEMIC EMERGENCY DEPARTMENT**

Abstract Presenter: Lawrence DeLuca (Tucson, United States)

**SPONTANEOUS BREATHING TEST CONDUCTED WITH AND WITHOUT AUTOMATIC TUBE COMPENSATION DOES NOT DIFFER FROM A METABOLIC STANDPOINT**

Abstract Presenter: Alessandra Fabiane Lago (Ribeirão Preto, Brazil)

**A NOVEL METHOD TO DETERMINE RESPIRATORY SYSTEM MECHANICS DURING ASSISTED VENTILATION**

Abstract Presenter: Dirk Schädler (Kiel, Germany)

**IMPACT OF INITIAL MANAGEMENT ON RESPIRATORY COMPLICATIONS IN EMERGENCY DEPARTMENT PATIENTS REQUIRING MECHANICAL VENTILATION**

Abstract Presenter: Seok Jeong Lee (Wonju, Korea, Republic of)

**EARLY FAILURE OF NONINVASIVE VENTILATION IN CHRONIC OBSTRUCTIVE PULMONARY DISEASE WITH ACUTE HYPERCAPNIC RESPIRATORY FAILURE**

Abstract Presenter: Hyunyoung Cho (Seoul, Korea, Republic of)

**PROSPECTIVE EVALUATION OF A DECISION SUPPORT SYSTEM PROVIDING ADVICE ON VENTILATOR SETTINGS OF: INSPIRATORY OXYGEN, DELIVERED PRESSURE OR VOLUME, FREQUENCY AND PEEP**

Abstract Presenter: Dan S. Karbing (Aalborg, Denmark)

**ASSOCIATION OF EARLY TRACHEOSTOMY WITH THE MORTALITY AND COMPLICATIONS OF ADULT PATIENTS IN INTENSIVE CARE UNIT**

Abstract Presenter: Mario Francisco Aguilar Arzapalo (Mérida, Mexico)

**THE ASSOCIATION OF ABNORMAL CHEST X-RAY FINDINGS WITH MORTALITY IN PATIENTS REQUIRING MECHANICAL VENTILATION IN MULAGO HOSPITAL GENERAL INTENSIVE CARE UNIT**

Abstract Presenter: Hannington D.G Ssemmanda (kampala, Uganda)

Poster Corner  
14:00 - 15:50

Poster Corner

## MYOCARDIAL INJURY

Chair: Armand Mekontso Dessap (Créteil, France)  
Chair: Katia Donadello (Brussels, Belgium)

**USE OF INHALED SEVOFLURANE IN ADULT SURVIVORS OF CARDIAC ARREST**

Abstract Presenter: Andrej Markota (Maribor, Slovenia)

## Scientific Programme

### **IMPACT OF CARDIORESPIRATORY MONITORING ON THE INITIATION OF CARDIOPULMONARY RESUSCITATION IN CHILDREN. FRIEND OR FOE?**

Abstract Presenter: Elisabeth Hoerner (Vienna, Austria)

### **PROVIDER PERCEPTION OF CARDIOPULMONARY QUALITY IN THE SIMULATED CONTEXT**

Abstract Presenter: Gianluca Gonzi (Parma, Italy)

### **AGREEMENT IN THE ASSESSMENT OF PRACTICAL SKILLS IN BASIC CPR BETWEEN OBSERVERS AND A CPR MANNEQUIN WITH A SPECIFIC SOFTWARE**

Abstract Presenter: Ramón Algarte (Terrassa, Spain)

### **EARLY PERCUTANEOUS CORONARY INTERVENTION AND IN-HOSPITAL MORTALITY IN NON ST ELEVATION CORONARY SYNDROMES**

Abstract Presenter: Javier Cebrián Domenech (Valencia, Spain)

### **ASSOCIATION BETWEEN INTRAOPERATIVE HEART RATE AND POSTOPERATIVE MYOCARDIAL INJURY IN PATIENTS FOLLOWING NON-CARDIAC SURGERY**

Abstract Presenter: Tom E. F. Abbott (London, United Kingdom)

### **ANALYSIS OF THE MORTALITY ACCORDING TO REPERFUSION THERAPY USED IN THE ACUTE CORONARY SYNDROME**

Abstract Presenter: Laura Navarro Guillamón (Granada, Spain)

### **COMPARISON BETWEEN H-FABP & TROPONIN I AS OUTCOME PREDICTORS IN SEPSIS AND SEPSIS-RELATED LV DYSFUNCTION**

Abstract Presenter: Hossam M. Sherif (Cairo, Egypt)

### **CHARACTERISTICS ASSOCIATED WITH LOW RISK OF SIGNIFICANT CORONARY STENOSIS AFTER AN EPISODE OF ACUTE CORONARY SYNDROME**

Abstract Presenter: Rafael Blancas (Aranjuez, Spain)

### **EXTRACORPOREAL LIFE SUPPORT FOR REFRACTORY CARDIOGENIC SHOCK. ETIOLOGY AND OUTCOME IN A TERTIARY REFERRAL HOSPITAL**

Abstract Presenter: Ana Isabel Hurtado-Doce (London, United Kingdom)

### **EPIDEMIOLOGICAL PROFILE OF OCTOGENARIAN PATIENTS ADMITTED TO OUR INTENSIVE CARE UNIT (ICU) BECAUSE OF AN ACUTE CORONARY SYNDROME (ACS). IS THERE AN ADEQUATE RESOURCES MANAGEMENT?**

Abstract Presenter: Araceli Puerto-Morlán (Malaga, Spain)

Poster Corner  
14:00 - 15:50

Poster Corner

## **DIAGNOSTIC APPROACHES IN THE ICU**

Chair: Anne Berit Guttormsen (Bergen, Norway)  
Chair: Martin Dünser (Salzburg, Austria)

### **COCAINE USE IN TRAUMA PATIENTS ADMITTED TO INTENSIVE CARE MEDICINE. CLINICAL AND EPIDEMIOLOGICAL CHARACTERIZATION**

Abstract Presenter: Federico Verga (Montevideo, Uruguay)

### **SCREENING FOR DELIRIUM WITHIN INTENSIVE CARE UNITS IN SCOTLAND: A NATIONAL SURVEY**

Abstract Presenter: Andrew W. McGuire (Glasgow, United Kingdom)

## Scientific Programme

### **FACTORS ASSOCIATED WITH MISDIAGNOSIS: THE USEFULNESS OF NECROPSY**

Abstract Presenter: Gerard Moreno (Tarragona, Spain)

### **AUTOMATIC SYSTEM OF DIAGNOSING AND TREATMENT IN INTENSIVE CARE UNIT**

Abstract Presenter: Rozaliia Solodova (Moscow, Russian Federation)

### **USING ROBOTIC TECHNOLOGY TO QUANTIFY NEUROLOGICAL DEFICITS AMONG SURVIVORS OF CRITICAL ILLNESS: DO THEY RELATE TO BRAIN TISSUE OXYGEN LEVELS? A PILOT STUDY**

Abstract Presenter: John Gordon Boyd (Kingston, Canada)

### **THE RISK FACTORS FOR DEVELOPING EXPOSURE KERATOPATHY IN ICU PATIENTS**

Abstract Presenter: Zubaid Kousha (London, United Kingdom)

### **TRAINING ON THE CARE OF PATIENTS WITH RESPIRATORY SYNDROME OF MIDDLE EAST-CORONAVIRUS AND EBOLA VIRUS BASED ON CLINICAL SIMULATION**

Abstract Presenter: Jara Palamidessi Domínguez (Madrid, Spain)

### **THE BURDEN OF ACUTE KIDNEY INJURY - A CROSS-SECTIONAL RESEARCH IN AN UNIVERSITY INTENSIVE CARE UNIT**

Abstract Presenter: Tobias Bergler (Regensburg, Germany)

### **RADIATION DOSE ABSORBED BY PATIENTS AND PROFESSIONALS IN AN INTENSIVE CARE UNIT**

Abstract Presenter: Rosario Fernández Fernández (Granada, Spain)

### **DISTRIBUTION OF CRITICALLY ILL PATIENTS (CIP) WITH SEVERE SEPSIS (SS) ACCORDING TO THE MAJOR DIAGNOSTIC CATEGORIES (MDC) OF THE DIAGNOSIS-RELATED GROUPS (DRG)**

Abstract Presenter: Javier Ruiz Moreno (Barcelona, Spain)

### **PROPHYLAXIS OF THROMBOEMBOLIC DISEASE: PATIENT SAFETY PROTOCOL**

Abstract Presenter: Ruben Viejo Moreno (Madrid, Spain)

Poster Corner  
14:00 - 15:50

Poster Corner

## WHAT'S NEW IN ICU ETHICS?

Chair: Hanne Jensen (Vejle, Denmark)  
Chair: Frauke Weidanz (Edinburgh, United Kingdom)

### **EXTENDING THE PSYCHOLOGICAL SUPPORT SERVICES TO THE UNDERAGE FAMILY MEMBERS OF CRITICALLY ILL PATIENTS: THE ARIADNE PROGRAM**

Abstract Presenter: Theodoros Kyprianou (Nicosia, Cyprus)

### **ARE CAREGIVERS KNOWLEDGEABLE AND INTERESTED IN POST-ICU OUTCOMES?**

Abstract Presenter: Anne-Sophie Debue (Paris, France)

### **WORK-RELATED EXPERIENCES IN INTENSIVE AND PALLIATIVE CARE UNITS AND THEIR RELATION TO BURNOUT**

Abstract Presenter: Carla Teixeira (Porto, Portugal)

### **IMPACT OF A MAJOR CARDIOVASCULAR SURGICAL PROCEDURE ON PATIENTS' INTERESTS FOR ADVANCE CARE PLANNING**

Abstract Presenter: Fabienne Gigon (Geneva, Switzerland)

## Scientific Programme

### **END-OF-LIFE DECISION MAKING FOR CANCER PATIENTS IN AN INTENSIVE CARE UNIT**

Abstract Presenter: Márcio Tavares (Porto, Portugal)

### **IMPACT OF AN ON-LINE EDUCATIONAL PROGRAM ON LIFE SUPPORT TREATMENT LIMITATION (LSTL) AND POTENTIALITY FOR DONATION AFTER CONTROLLED CARDIAC DEATH (CD) OF CRITICALLY ILL PATIENTS IN 11 HOSPITALS OF CATALONIA**

Abstract Presenter: Alberto Sandiumenge (Tarragona, Spain)

### **CAREGIVERS PERCEPTION OF THE IMPLEMENTATION OF AN ICU DIARY**

Abstract Presenter: Sarah Cabon (Paris, France)

### **TRANSCULTURAL ADAPTATION AND VALIDATION OF FAMILIAL SATISFACTION IN THE INTENSIVE CARE UNIT IN KOREA: PRELIMINARY STUDY**

Abstract Presenter: Jeongyeon Shin (Seongnam, Korea, Republic of)

### **DYSTHANASIA AND/OR FUTILE CARE IN THE INTENSIVE CARE UNITS OF A SPECIALTY HOSPITAL IN EL BAJÍO REGION, IN MEXICO**

Abstract Presenter: Enrique M. Olivares-Durán (León, Mexico)

### **HOW TO SAY GOODBYE**

Abstract Presenter: Anne-Sophie Debue (Paris, France)

### **HOW MUCH DO FAMILY MEMBERS SATISFY WITH THE INTENSIVE CARE UNIT IN SOUTH KOREA?**

Abstract Presenter: Jisook Yoon (Seongnam-si, Korea, Republic of)

### **INFLUENCE OF OROTRACHEAL INTUBATION, SHOCK AND ACUTE RENAL FAILURE OF ELDERLY PATIENTS ADMITTED TO ICU**

Abstract Presenter: Javier E. Romo Gonzales (Guadalajara, Spain)

### **EVALUATION OF SEVERITY IN CRITICALLY ILL PATIENTS (CIPS) WITH LIMITATION OF LIFE-SUSTAINING THERAPY (LLST)**

Abstract Presenter: Javier Ruiz Moreno (Barcelona, Spain)

### **FACTORS AFFECTING MECHANICAL VENTILATION IN ICU ELDERLY PATIENTS**

Abstract Presenter: Evanthia Pappa (Athens, Greece)

Poster Corner  
14:00 - 15:50

Poster Corner

## **STROKE AND SUBARACHNOID HEMORRHAGE**

Chair: Giuseppe Citerio (Monza, Italy)

Chair: Pedro Kurtz (Rio de Janeiro, Brazil)

### **ISCHEMIC PRECONDITIONING INDUCES NEUROPROTECTION CAUSE BY A TRANSIENT GLOBAL ISCHEMIA VIA MAINTAINING THE EXPRESSION OF P63**

Abstract Presenter: Jun Hwi Cho (Chuncheonsi, Korea, Republic of)

### **DO WE NEED A CHANGE IN TRANSFUSION STRATEGY IN PATIENTS WITH SUBARACHNOIDAL HEMORRHAGE?**

Abstract Presenter: Sara Valles Angulo (Barcelona, Spain)

### **OUTCOMES OF SPONTANEOUS SUBARACHNOID HEMORRHAGE (SAH) IN NEUROCRITICAL CARE UNIT: A MULTICENTER STUDY**

Abstract Presenter: David Iglesias Posadilla (Burgos, Spain)

## Scientific Programme

### **EARLY MAGNESIUM TREATMENT AFTER ANEURYSMAL SUBARACHNOID HEMORRHAGE: AN INDIVIDUAL PATIENT DATA META-ANALYSIS**

Abstract Presenter: Walter M. van den Bergh (Groningen, Netherlands)

### **ISCHEMIC PRECONDITIONING MAINTAINS IMMUNOREACTIVITIES OF GLUCOKINASE AND GLUCOKINASE REGULATORY PROTEIN IN NEURONS OF THE GERBIL HIPPOCAMPAL CA1 REGION FOLLOWING TRANSIENT CEREBRAL ISCHEMIA**

Abstract Presenter: Jun Hwi Cho (Chuncheonsi, Korea, Republic of)

### **NEUROPROTECTIVE EFFECTS OF NOVEL ANTIEPILEPTIC DRUG LACOSAMIDE VIA DECREASING GLIAL ACTIVATION IN THE HIPPOCAMPUS OF A GERBIL MODEL OF ISCHEMIC STROKE**

Abstract Presenter: Jun Hwi Cho (Chuncheonsi, Korea, Republic of)

### **PERSISTENCE OF SYSTEMIC AND CEREBRAL PERFUSION IMPAIRMENT IN PATIENTS WITH NEUROCARDIAC INJURY AFTER ANEURYSMAL SUBARACHNOID HEMORRHAGE**

Abstract Presenter: Marilyn Hravnak (Pittsburgh, United States)

### **SAFETY OF PERCUTANEOUS TRACHEOSTOMY IN PATIENTS WITH STROKE**

Abstract Presenter: Alexey Gritsan (Krasnoyarsk, Russian Federation)

### **GLUTAMINE LEVELS IN PATIENTS WITH TRAUMATIC BRAIN INJURY AND SUBARACHNOID HAEMORRHAGE**

Abstract Presenter: Jeroen van Rosmalen (Tilburg, Netherlands)

### **DETECTION DELAYED CEREBRAL ISCHEMIA BY QEEG IN PATIENTS WITH ACUTE SAH**

Abstract Presenter: Kristina Lapteva (Moscow, Russian Federation)

### **SHORT-TERM OUTCOMES AFTER REPAIR TREATMENT (CLIPPING OR COILING) IN ANEURYSMAL SUBARACHNOID HEMORRHAGE (ASAH): A PROSPECTIVE MULTICENTER STUDY**

Abstract Presenter: Maria Gero Escapa (Burgos, Spain)

### **ANEURYSMAL SUBARACHNOID HAEMORRHAGE: FACTORS ASSOCIATED WITH WORSE FUNCTIONAL OUTCOME**

Abstract Presenter: Laura Sánchez Montori (Salamanca, Spain)

### **CORRELATION OF HYPONATREMIA, LEUKOCYTOSIS, HYPOMAGNESEMIA AND FEVER AFTER SAH WITH DELAYED CEREBRAL ISCHEMIA AND POOR OUTCOME**

Abstract Presenter: Vladimir Vrsajkov (Novi Sad, Serbia)

### **COAGULATION PROFILE EVALUATED BY THROMBOELASTOGRAPHY ROTEM® IN PATIENTS WITH SUBARACHNOID HEMORRHAGE ADMITTED TO AN INTENSIVE CARE UNIT**

Abstract Presenter: J Carolina Gomez Builes (Toronto, Canada)

### **FACTORS RELATED TO THE OUTCOME OF ICU PATIENTS WITH CEREBRAL HEMORRHAGE**

Abstract Presenter: Marianthi Georgiadou (Athens, Greece)

Poster Corner  
14:00 - 15:50

Poster Corner

## **ORGANISATIONAL & TEAM ISSUES FOR QUALITY CARE**

Chair: Ruth Endacott (Plymouth, United Kingdom)  
Chair: Jos Latour (Plymouth, United Kingdom)

## Scientific Programme

### **QUALITATIVE ANALYSIS OF AN INTENSIVE CARE UNIT FAMILY SATISFACTION SURVEY IN NORWAY**

Abstract Presenter: Ranveig Lind (Tromsø, Norway)

### **TELEPHONE COMMUNICATION ON THE ICU: WHAT NURSES SAY TO FAMILIES**

Abstract Presenter: Fiona Baldwin (Brighton, United Kingdom)

### **DEVELOPMENT OF A MULTICOMPONENT INTERVENTION PROGRAM TO PREVENT DELIRIUM IN INTENSIVE CARE UNIT PATIENTS**

Abstract Presenter: Annelies Wassenaar (Nijmegen, Netherlands)

### **RESULTS OF A PILOT COURSE TO INTRODUCE PALLIATIVE CARE TO ICU NURSES**

Abstract Presenter: Maureen Ben Nun (Petach Tikva, Israel)

### **INTERRUPTIONS OF INTENSIVE CARE NURSES DURING PATIENT CARE: A POTENTIAL OBSTACLE TO PATIENT SAFETY PROMOTION**

Abstract Presenter: Denise Miyuki Kusahara (São Paulo, Brazil)

### **STABILITY OF VANCOMYCIN HYDROCHLORIDE SOLUTIONS IN HIGH CONCENTRATION AND EXTENDED TIME OF INFUSION**

Abstract Presenter: Maria Angélica Peterlini (São Paulo, Brazil)

### **NURSING WORKLOAD EVALUATION IN ICU USING THE TISS-28 SCALE IN CARDIAC SURGERY PATIENTS**

Abstract Presenter: Olga Didenko (Vilnius, Lithuania)

### **OBJECTIVE ANALYSIS OF PATIENT DIARIES USED IN AN INTENSIVE CARE UNIT (ICU) IN A LONDON TEACHING HOSPITAL**

Abstract Presenter: Hsiu Tzu Tung (London, United Kingdom)

### **IMPROVING INTRAVENOUS DRUGS ADMINISTRATION IN ICU AND REDUCING DRUG INCOMPATIBILITIES: A NURSE-LEAD INTERDISCIPLINARY PROGRAM**

Abstract Presenter: Mathilde Lagabriele (Grenoble, France)

### **BEHAVIORAL DETERMINANTS OF HAND HYGIENE COMPLIANCE IN A PEDIATRIC INTENSIVE CARE UNIT FROM BRAZIL**

Abstract Presenter: Denise Miyuki Kusahara (São Paulo, Brazil)

### **PREVALENCE OF BURNOUT SYNDROME AMONG PHYSIOTHERAPIST WORKING IN INTENSIVE CARE UNITS AND STEP DOWN UNIT**

Abstract Presenter: Denise Carnieli-Cazati (São Paulo, Brazil)

### **HOSPITALITY IN THE INTENSIVE CARE UNIT, WELCOMING THE PATIENT**

Abstract Presenter: Sarah Cabon (Paris, France)

### **GUIDANCE OF CHILDREN VISITING IN THE ADULT INTENSIVE CARE BY NURSES**

Abstract Presenter: E.M. de Vries-van Hooff (Amsterdam, Netherlands)

### **SUFFICIENT SLEEP QUALITY EASILY MEASURED: A MULTICENTER CENTRE STUDY IN DUTCH ICUS**

Abstract Presenter: Paul Rood (Nijmegen, Netherlands)

## Scientific Programme

Poster Corner  
14:00 - 15:50

Poster Corner

### BIOMARKERS IN SEPSIS AND INFECTION 2

Chair: John Kellum (Pittsburgh, United States)  
Chair: Jean Carlet (Paris, France)

#### **DETECTING HYPERCOAGULABILITY IN SEPSIS: THROMBOELASTOMETRY VS THROMBOMODULIN-MODIFIED THROMBIN GENERATION TEST**

Abstract Presenter: Victor V. Osovskikh (St.Petersburg, Russian Federation)

#### **C-REACTIVE PROTEIN RATIO RESPONSE PATTERNS IN PEDIATRIC SEPSIS: A COHORT STUDY - PRELIMINARY RESULTS**

Abstract Presenter: Vanessa Soares Lanziotti (Rio de Janeiro, Brazil)

#### **ETIOLOGY OF BACTEREMIAS ASSOCIATED WITH C-REACTIVE PROTEIN, PROCALCITONIN AND LACTATE LEVELS**

Abstract Presenter: Maria-Victoria de la Torre-Prados (Málaga, Spain)

#### **SPHINGOSINE-1-PHOSPHATE IS A NOVEL BIOMARKER IN SEPSIS SEVERITY**

Abstract Presenter: Martin Sebastian Winkler (Hamburg, Germany)

#### **INTERLEUKIN-17A AS A PREDICTOR OF OCCURRENCE OF SEPSIS IN POLYTRAUMA PATIENTS: A PROSPECTIVE OBSERVATIONAL STUDY**

Abstract Presenter: Mai Ahmed Ali Elsayed (Cairo, Egypt)

#### **MIDDLE MOLECULES IN SEVERE COMMUNITY-ACQUIRED PNEUMONIA**

Abstract Presenter: Victor Garbuz (Chisinau, Republic of Moldova)

#### **SUSTAINED PROGNOSTIC VALUE OF PROADRENOMEDULIN IN SEVERE SEPSIS AND SEPTIC SHOCK**

Abstract Presenter: Ramon Cicuendez (Valladolid, Spain)

#### **MARKERS OF ENDOTHELIAL DYSFUNCTION IN PATIENTS WITH SEVERE SEPSIS RESUSCITATED WITH HYDROXYETHYL STARCH 130/0.42 VS. RINGER'S ACETATE**

Abstract Presenter: Rasmus Beier Müller (Copenhagen, Denmark)

#### **A RETROSPECTIVE INVESTIGATION OF THE PMX-DHP'S EFFICACY IN 88 SEVERE SEPSIS CASES**

Abstract Presenter: Masaou Tanaka (Wakayama, Japan)

#### **IGM-ENRICHED POLYCLONAL IMMUNOGLOBULINS IN AN EXPERIMENTAL MODEL OF GRAM NEGATIVE PNEUMONIA DEVELOPING SEPTIC SHOCK**

Abstract Presenter: Rosanna Vaschetto (Novara, Italy)

#### **THE ROLE OF SERUM PROCALCITONIN AND CRP LEVELS IN DETERMINING OF ETIOLOGY AND OUTCOME IN ACUTE EXACERBATIONS OF COPD**

Abstract Presenter: Irfan Ucgun (Eskisehir, Turkey)



## Scientific Programme

Poster Corner  
14:00 - 15:50

Poster Corner

### **VENTILATOR ASSOCIATED PNEUMONIA / VENTILATOR ASSOCIATED TRACHEOBRONCHITIS**

Chair: Jeffrey Lipman (Brisbane, Australia)  
Chair: Stijn Blot (Ghent, Belgium)

#### **VENTILATOR ASSOCIATED- RESPIRATORY INFECTIONS (VARI), ARE ALL THE SAME?**

Abstract Presenter: Mercedes Palomar (Lleida, Spain)

#### **IMPACT OF PERSISTENT ENDOTRACHEAL TUBE BIOFILM ON VENTILATOR-ASSOCIATED PNEUMONIA CLINICAL AND MICROBIOLOGICAL RESPONSE**

Abstract Presenter: Monica Gordon Sahuquillo (Valencia, Spain)

#### **A FIVE YEAR AUDIT OF VENTILATOR-ASSOCIATED PNEUMONIA: TRENDS, ORGANISMS, ANTIBIOTIC THERAPY AND ADMISSION SPECIALTIES**

Abstract Presenter: Fiona Baldwin (Brighton, United Kingdom)

#### **IMPACT OF NON-INVASIVE MECHANICAL VENTILATION (NIV) IN CRITICAL PATIENTS WITH INFLUENZA (H1N1) PDM09**

Abstract Presenter: Cristina Ferri (Tarragona, Spain)

#### **EPIDEMIOLOGY, CLINICAL DIFFERENCES AND OUTCOMES OF TRACHEOBRONCHITIS AND PNEUMONIA ASSOCIATED TO MECHANICAL VENTILATION IN INTENSIVE CARE UNITS OF LATIN AMERICA (LATINNAVE)**

Abstract Presenter: Fabio Varón (Bogotá, Colombia)

#### **EFFECTS OF REINTUBATION ON VENTILATOR ASSOCIATED NOSOCOMIAL PNEUMONIAS INCIDENCE IN ICU PATIENTS WITH VERSUS WITHOUT SELECTIVE DIGESTIVE DECONTAMINATION**

Abstract Presenter: Ana María Marrero-Rodríguez (Las Palmas de Gran Canaria, Spain)

#### **IMPACT OF IMPLEMENTATION OF A VENTILATOR-ASSOCIATED PNEUMONIA PREVENTION BUNDLE THAT INCLUDES SELECTIVE DIGESTIVE DECONTAMINATION IN A SOUTHERN REGION OF SPAIN**

Abstract Presenter: Sergio Rebollo (Cartagena, Spain)

#### **COMPARISON OF THE EVOLUTION OF MECHANICAL VENTILATION ASSOCIATED PNEUMONIA (VAP) BEFORE THE IMPLANTATION OF SELECTIVE DIGESTIVE DECONTAMINATION (DDS) AND AFTER IMPLANTATION OF PNEUMONIA ZERO PROGRAM (NZ)**

Abstract Presenter: Rosario Fernández Fernández (Granada, Spain)

#### **SEVERE SEPSIS AND SEPSIS SHOCK SECONDARY TO NON VENTILATOR ASSOCIATED NOSOCOMIAL PNEUMONIA. PRINCIPAL FEATURES AND PREDICTORS OF OUTCOME**

Abstract Presenter: Rafael Zaragoza (Valencia, Spain)

#### **EVOLUTION VENTILATOR ASSOCIATED PNEUMONIA (VAP) IN OUR INTENSIVE CARE UNIT, AFTER PNEUMONIA ZERO (PZ) PROGRAM IMPLEMENTATION**

Abstract Presenter: Rosario Fernández Fernández (Granada, Spain)

#### **A SURVEY OF CHLORHEXIDINE ORAL CARE IN SCOTTISH INTENSIVE CARE UNITS**

Abstract Presenter: James Small (Glasgow, United Kingdom)

#### **THE USEFULNESS OF NON-DIRECTED BRONCHOALVEOLAR LAVAGE IN DIAGNOSIS PNEUMONIA IN ICU**

Abstract Presenter: Tomasz Zawada (Wrocław, Poland)

## Scientific Programme

Poster Corner  
14:00 - 15:50

Poster Corner

### ACUTE RESPIRATORY FAILURE CLINICAL STUDIES 2

Chair: Jordi Mancebo Cortes (Barcelona, Spain)  
Chair: Claude Guérin (Lyon, France)

#### **COMPARING TRENDS IN THE USE AND OUTCOMES OF NON INVASIVE VENTILATION (NIV) IN A GENERAL INTENSIVE CARE UNIT**

Abstract Presenter: Jamie Gross (London, United Kingdom)

#### **EFFECTS OF NASAL STRIP ON EFFICIENCY OF NON-INVASIVE VENTILATION IN PATIENTS WITH ACUTE RESPIRATORY FAILURE; PRELIMINARY RESULTS**

Abstract Presenter: Kürşat Uzun (Konya, Turkey)

#### **DYSPHAGIA FOLLOWING PROLONGED MECHANICAL VENTILATION AND TRACHEOSTOMY IN CRITICAL ILL PATIENTS. RESULTS OF EDISVAL STUDY PILOT PHASE**

Abstract Presenter: Alberto Fernández Carmona (Granada, Spain)

#### **NATIONAL SURVEY OF INTENSIVE CARE TRAINEES' EXPERIENCE OF AND TRAINING IN TRACHEOSTOMY AND LARYNGECTOMY MANAGEMENT**

Abstract Presenter: Lia Paton (Glasgow, United Kingdom)

#### **ECCO2R, A FRENCH NATIONAL SURVEY**

Abstract Presenter: Benjamin Deniau (Colombes, France)

#### **PROSPECTIVE EVALUATION OF A DECISION SUPPORT SYSTEM PROVIDING ADVICE ON PRESSURE SUPPORT FROM STATES OF OVER- AND UNDER-SUPPORT**

Abstract Presenter: Savino Spadaro (Ferrara, Italy)

#### **MODEL-BASED OPTIMIZATION OF PEEP, A STRATEGY AND ITS IMPLEMENTATION**

Abstract Presenter: Stephen E. Rees (Aalborg, Denmark)

#### **AUTO-RECRUITMENT OF DORSAL LUNG REGIONS IN HORSES AFTER ANAESTHESIA**

Abstract Presenter: Martina Mosing (Zürich, Switzerland)

#### **LUNG PROTECTIVE VS. STANDARD VENTILATION DURING LAPAROSCOPIC SURGERY IN OBESE PATIENTS. PRELIMINARY RESULTS OF A RANDOMIZED, CONTROLLED TRIAL**

Abstract Presenter: Domenico Luca Grieco (Rome, Italy)

#### **REINTUBATION FOLLOWING PLANNED EXTUBATION: INCIDENCE, MORTALITY AND RISK FACTORS**

Abstract Presenter: David Whitmore (Merseyside, United Kingdom)

#### **INACCURACIES IN CALCULATING PREDICTED BODY WEIGHT AND ITS IMPACT ON SAFE VENTILATOR SETTINGS**

Abstract Presenter: Ian OBrien (Plymouth, United Kingdom)

Poster Corner  
14:00 - 15:50

Poster Corner

### EXPERIMENTAL AND CLINICAL STUDIES IN SEPSIS

Chair: Christian Brun-Buisson (Créteil, France)  
Chair: Peter Pickkers (Nijmegen, Netherlands)

## Scientific Programme

### **BONE MARROW DERIVED MESENCHYMAL STEM CELLS IMPROVE ACUTE LUNG INJURY INDUCED BY SEPSIS IN RATS**

Abstract Presenter: Shunwei Huang (Guangzhou, China)

### **TYPE 1 AND 3 COLLAGEN PRODUCTION BY BONE MARROW MESENCHYMAL STROMAL CELLS IS SUPPRESSED IN VITRO AFTER EXPOSURE TO SEPSIS PATIENT SERUM**

Abstract Presenter: Roni Pernu (Oulu, Finland)

### **RESPIRATORY AND HEMODYNAMIC EFFECTS OF INTRAVENOUS NALBUPHIN IN ANESTHETIZED RATS**

Abstract Presenter: Till Hauße (Zurich, Switzerland)

### **IMPACT OF RED BLOOD CELL TRANSFUSION (RBCT) ON OUTCOME AMONG SEPTIC PATIENTS ADMITTED INTO INTENSIVE CARE UNIT (ICU), A SYSTEMATIC REVIEW AND META-ANALYSIS**

Abstract Presenter: Claire Dupuis (Paris, France)

### **EPIDEMIOLOGY OF SEPSIS IN BRAZILIAN ICUS: A NATIONWIDE STRATIFIED SAMPLE**

Abstract Presenter: Flavia R. Machado (São Paulo, Brazil)

### **ASSOCIATION BETWEEN ELASTIC AND MUSCULAR ARTERY STIFFNESS AND ORGAN DYSFUNCTION IN PATIENTS WITH EARLY SEVERE SEPSIS**

Abstract Presenter: Sigita Kazūne (Riga, Latvia)

### **HIV INFECTED PATIENTS IN INTENSIVE CARE: AN OBSERVATIONAL STUDY OF ADMISSIONS BETWEEN 1996-2006 AND 2007-2014**

Abstract Presenter: Judith Highgate (Brighton, United Kingdom)

### **RAPID MEASUREMENT OF RADICAL OXYGEN SPECIES IN BIOLOGICAL FLUIDS MAY HELP TO DIAGNOSE INFECTION**

Abstract Presenter: Anne-Claire Lukaszewicz (Paris, France)

### **TARGETING THE MICROCIRCULATION IN RESUSCITATION OF PATIENTS WITH SEPTIC SHOCK: FLUID IS SUPERIOR TO NOREPINEPHRINE**

Abstract Presenter: Jingyuan Xu (Nanjing, China)

Poster Corner  
14:00 - 15:50

Poster Corner

## **LIVER FAILURE & TRANSPLANTATION**

Chair: Julia Wendon (London, United Kingdom)  
Chair: Carole Ichai (Nice, France)

### **REDUCTIONS IN TYROSINE LEVELS ARE ASSOCIATED WITH THYROID HORMONE AND CATECHOLAMINE DISTURBANCES IN SEPSIS**

Abstract Presenter: Waqas Khaliq (London, United Kingdom)

### **EPIDEMIOLOGY AND OUTCOME OF CARDIAC ARREST IN PATIENTS WITH LIVER CIRRHOSIS**

Abstract Presenter: Kevin Roedl (Hamburg, Germany)

### **NEUTROPHIL-TO-LYMPHOCYTE RATIO IS ASSOCIATED WITH MORTALITY IN CRITICALLY-ILL CIRRHOTIC PATIENTS**

Abstract Presenter: Nicolas Moreau (Brussels, Belgium)

## Scientific Programme

### **LONG TERM SURVIVAL OF CIRRHOTICS FOLLOWING ADMISSION TO A UK INTENSIVE CARE UNIT - A SUBGROUP OF PATIENTS WITH 'RESILIENT' CIRRHOSIS**

Abstract Presenter: Jonathan Lloyd-Evans (Cardiff, United Kingdom)

### **HEPATIC ENCEPHALOPATHY IN ICU: CEREBROSPINAL FLUID METABOLOMICS HIGHLIGHTS ALTERATION OF MULTIPLE METABOLIC PATHWAYS REPRESENTING NEW POTENTIAL THERAPEUTIC TARGETS**

Abstract Presenter: Nicolas Weiss (France, France)

### **SODIUM BENZOATE AND RIFAXIMIN ARE ABLE TO RESTORE BLOOD-BRAIN BARRIER INTEGRITY IN HE CIRRHOTIC RATS**

Abstract Presenter: Dominique Thabut (Paris, France)

### **CIRRHOTIC PATIENTS IN ICU WITH GASTRO-INTESTINAL BLEEDING MANAGED ACCORDING TO RECENT GUIDELINES DISPLAY ALTERED BRAIN HEMOGLOBIN OXYGEN'S SATURATION ASSESSED BY NEAR INFRARED SPECTROSCOPY**

Abstract Presenter: Dominique Thabut (Paris, France)

### **THE EFFECTS OF HIGH LUMBAR EPIDURAL ANALGESIA ON POSTOPERATIVE PULMONARY FUNCTION TESTS IN LIVER TRANSPLANT DONOR PATIENTS**

Abstract Presenter: Hakan Korkut Atalan (Istanbul, Turkey)

### **EFFECTS OF INTRAOPERATIVE MAGNESIUM SULFATE ADMINISTRATION ON POSTOPERATIVE TRAMADOL REQUIREMENT IN LIVER TRANSPLANT PATIENTS**

Abstract Presenter: Bulent Gucyetmez (Istanbul, Turkey)

### **INCIDENCE OF RAPID INCREASE OF PLASMA SODIUM DURING LIVER TRANSPLANTATION AND ITS EFFECT ON OUTCOME**

Abstract Presenter: Gebhard Wagener (New York, United States)

### **ICU AND TIPS, OUR EXPERIENCE IN A COMMUNITY HOSPITAL IN SPAIN**

Abstract Presenter: Ana María Leal Micharet (Alcorcón, Spain)

### **ANALYSIS OF THE OUTCOME OF LIVER TRANSPLANTATION PATIENTS IN INDIA - A PROSPECTIVE OBSERVATIONAL STUDY**

Abstract Presenter: Srinivas Jakkinaboina (Hyderabad, India)

### **20 YEARS OF LIVER TRANSPLANTATION IN SANTIAGO DE COMPOSTELA (SPAIN). EXPERIENCE REVIEW**

Abstract Presenter: Juan Ramón Fernández Villanueva (Santiago de Compostela, Spain)

Poster Corner  
14:00 - 15:50

Poster Corner

## **MANAGEMENT AND OUTCOME 2**

Chair: Andreas Valentin (Schwarzach, Austria)  
Chair: Stephen Shepherd (London, United Kingdom)

### **THE APACHE II AND SERUM SODIUM LEVELS AS PREDICTORS OF MORTALITY IN THE SURGICAL CRITICALLY ILL PATIENTS**

Abstract Presenter: Anibal Basile-Filho (Ribeirão Preto, Brazil)

### **FINANCIAL IMPLICATIONS OF A HOSPITAL EARLY MOBILITY PROGRAM**

Abstract Presenter: Daniel McCoy (Chicago, United States)

## Scientific Programme

### **DOES SEPSIS CAUSE INCREASED LONG-TERM MORTALITY? A SYSTEMATIC REVIEW**

Abstract Presenter: Michael Ambler (London, United Kingdom)

### **OUTCOMES OF AN INDIAN INTENSIVE CARE UNIT IN A TERTIARY HOSPITAL - A PROSPECTIVE OBSERVATIONAL STUDY**

Abstract Presenter: Srinivas Jakkinaboina (Hyderabad, India)

### **BLOOD PURIFICATION THERAPY PROLONGS THE DURATION OF INTENSIVE CARE UNIT STAY TO 14 DAYS OR MORE**

Abstract Presenter: Hiroshi Dohgomori (Nishihara-cho, Japan)

### **EVALUATION AND IMPLEMENTATION OF THE 4 HOUR ICS CORE STANDARD: 2 YEAR AUDIT ACROSS THE GREATER MANCHESTER CRITICAL CARE NETWORK**

Abstract Presenter: Alexander J. Parker (Manchester, United Kingdom)

### **TIME TO HOSPITAL DISCHARGE AND SUBSEQUENT HOSPITAL READMISSION AND MORTALITY RATES IN ICU SURVIVORS**

Abstract Presenter: Rachael Campbell (Glasgow, United Kingdom)

### **THE RELATIONSHIP BETWEEN NOCTURNAL HYPOXIA AND SOFA SCORE ON CRITICALLY ILL PATIENTS AT THE ICU**

Abstract Presenter: Bulent Gucyetmez (Istanbul, Turkey)

### **EXPLORING CHALLENGES OF RCTS IN THE EMERGENCY AND CRITICAL CARE SETTING**

Abstract Presenter: Paul Mouncey (London, United Kingdom)

### **EVALUATION OF THE RELATIVE WEIGHT (RW) OF DIAGNOSIS-RELATED GROUPS (DRG) IN CRITICALLY ILL PATIENTS (CIP) WITH SEVERE SEPSIS (SS) ACCORDING TO THE MAJOR DIAGNOSTIC CATEGORIES (MDC)**

Abstract Presenter: Javier Ruiz Moreno (Barcelona, Spain)

### **ATTENDANCE RATE IN ICU FOLLOW UP CLINICS: AN ANALYSIS OF PATIENTS THAT ATTEND THE ICU CLINIC COMPARED TO THOSE THAT DO NOT ATTEND**

Abstract Presenter: Maria Colomo (Romford, United Kingdom)

### **HEALTH-RELATED MEDIUM TERM QUALITY OF LIFE IN INTERMEDIATE RISK PULMONARY EMBOLISM IN A GENERAL ICU**

Abstract Presenter: Esther Portugal Rodríguez (Burgos, Spain)

### **SEMI AUTOMATED ADJUDICATION OF VITAL SIGN ALERTS IN STEP-DOWN UNITS**

Abstract Presenter: Artur Dubrawski (Pittsburgh, United States)

### **CAUSES AND CHARACTERISTICS OF DEATH IN ICU: A NATIONAL STUDY**

Abstract Presenter: Jean-Christophe Orban (Nice, France)

Poster Corner  
14:00 - 15:50

Poster Corner

## **PERIOPERATIVE MANAGEMENT OF THE CRITICALLY ILL**

Chair: Donna Greenhalgh (Manchester, United Kingdom)  
Chair: Charles Marc Samama (Paris, France)

### **OUTCOME OF NON CARDIAC SURGICAL PATIENTS ADMITTED TO A MULTIDISCIPLINARY INDIAN ICU**

Abstract Presenter: H. G. Pradeep Kumar (Chennai, India)

## Scientific Programme

### **PROLONGED VASOPRESSORS THERAPY IS ASSOCIATED WITH GLUCOSE VARIABILITY AFTER CARDIAC SURGERY**

Abstract Presenter: Marija Svetikienė (Vilnius, Lithuania)

### **CORRELATION BETWEEN FFP TRANSFUSION AND VENTILATION DAYS IN ICU PATIENTS**

Abstract Presenter: Aristidis Vakalos (Xanthi, Greece)

### **LONG-TERM MORTALITY IN PATIENTS WITH A PROLONGED POSTOPERATIVE INTENSIVE CARE UNIT (PICU) STAY**

Abstract Presenter: María Guerrero Díez (Madrid, Spain)

### **EVALUATION OF GASTRIC ACID IN DEPENDENCE OF PRE-OPERATIVE FASTING**

Abstract Presenter: Bianca Tudor (Vienna, Austria)

### **A CHILD'S EXPERIENCE AS A PATIENT IN A PEDIATRIC INTENSIVE CARE UNIT: WHAT WE LEARNED THROUGH THEIR DRAWINGS AND NARRATIVES**

Abstract Presenter: Maureen Clark (Boston, United States)

### **TRACHEOSTOMY PRACTICE OVERVIEW IN CARDIOTHORACIC INTENSIVE CARE UNIT**

Abstract Presenter: Orinta Jansonienė (Harefield, United Kingdom)

### **THE EFFECT OF HYDROXYETHYL STARCHES AND CRYSTALLOID FLUIDS ON MORTALITY AND NEED FOR DIALYSIS IN VASCULAR SURGERY PATIENTS**

Abstract Presenter: Robert Green (Halifax, Canada)

### **EFFECTS OF CARDIOPULMONARY BYPASS ON THE ACCURACY OF NON-INVASIVE HEMOGLOBIN MEASUREMENT BY PULSE CO-OXIMETRY**

Abstract Presenter: Kentaro Tokuda (Fukuoka, Japan)

Thematic Session

14:15 - 15:45

Berlin

## **NEWS IN ARDS MANAGEMENT AND THERAPY**

Chair: Geoffrey Bellington (London, United Kingdom)

### **Is there any hope for drug therapy?**

**14:15**

Speaker: Danny McAuley (Belfast, Ireland)

### **Discussion**

**14:30**

### **The real world: What did we learn from the LUNG-SAFE study?**

**14:33**

Speaker: John Laffey (Toronto, Canada)

### **Discussion**

**14:48**

### **The burden of viral reactivations during ARDS**

**14:51**

Speaker: Olaf Cremer (Utrecht, Netherlands)

### **Discussion**

**15:06**

### **Is the incidence and mortality changing?**

**15:09**

Speaker: Laurent Brochard (Toronto, Canada)

### **Discussion**

**15:24**

## Scientific Programme

<b>Is there any future for stem cells?</b>	<b>15:27</b>
Speaker: John Laffey (Toronto, Canada)	
<b>Discussion</b>	<b>15:42</b>

Joint Session  
14:15 - 15:45

Athens

### JOINT WITH ISF - SEPSIS 2015: THE BATTLE CONTINUES

Chair: Konrad Reinhart (Jena, Germany)  
Chair: Charles Sprung (Jerusalem, Israel)

<b>Increasing awareness saves lives</b>	<b>14:15</b>
Speaker: Konrad Reinhart (Jena, Germany)	
<b>Discussion</b>	<b>14:30</b>
<b>When to jump and how far?</b>	<b>14:33</b>
Speaker: Mervyn Singer (London, United Kingdom)	
<b>Discussion</b>	<b>14:48</b>
<b>Steroids do not decrease mortality in most septic shock patients</b>	<b>14:51</b>
Speaker: Charles Sprung (Jerusalem, Israel)	
<b>Discussion</b>	<b>15:06</b>
<b>Sepsis beyond hospital discharge</b>	<b>15:09</b>
Speaker: Derek Angus (Pittsburgh, United States)	
<b>Discussion</b>	<b>15:24</b>
<b>Lessons learned from EDGT trials</b>	<b>15:27</b>
Speaker: Jean-Louis Vincent (Brussels, Belgium)	
<b>Discussion</b>	<b>15:42</b>

Thematic Session  
14:15 - 15:45

Barcelona

### INTRA-ABDOMINAL INFECTIONS

Chair: George Dimopoulos (Athens, Greece)  
Chair: Jan De Waele (Ghent, Belgium)

<b>How to distinguish intra-abdominal inflammation from infection</b>	<b>14:15</b>
Speaker: Marc Léone (Marseille, France)	
<b>Discussion</b>	<b>14:30</b>
<b>Clostridium difficile infections</b>	<b>14:33</b>
Speaker: José Artur Paiva (Porto, Portugal)	
<b>Discussion</b>	<b>14:48</b>

## Scientific Programme

<b>Infections after acute pancreatitis</b>	<b>14:51</b>
Speaker: George Dimopoulos (Athens, Greece)	
<b>Discussion</b>	<b>15:06</b>
<b>Fungal peritonitis</b>	<b>15:09</b>
Speaker: Philippe Montravers (Paris, France)	
<b>Discussion</b>	<b>15:24</b>
<b>How to limit antibiotic use in intra-abdominal infection</b>	<b>15:27</b>
Speaker: Jan De Waele (Ghent, Belgium)	
<b>Discussion</b>	<b>15:42</b>

Thematic Session  
14:15 - 15:45

Lisbon

### DELIRIUM - A THREAT IN THE ICU

Chair: Jozef Kesecioglu (Utrecht, Netherlands)  
Chair: Claudia Spies (Berlin, Germany)

<b>Delirium: Which medication to avoid?</b>	<b>14:15</b>
Speaker: Hannah Wunsch (New York, United States)	
<b>Discussion</b>	<b>14:30</b>
<b>Postoperative delirium: Is the anaesthesiologist to blame?</b>	<b>14:33</b>
Speaker: Claudia Spies (Berlin, Germany)	
<b>Discussion</b>	<b>14:48</b>
<b>Neuronal networks in delirium</b>	<b>14:51</b>
Speaker: Arjen Slooter (Utrecht, Netherlands)	
<b>Discussion</b>	<b>15:06</b>
<b>Post-traumatic stress disorder after ICU admission</b>	<b>15:09</b>
Speaker: Diederik van Dijk (Utrecht, Netherlands)	
<b>Discussion</b>	<b>15:24</b>
<b>Cognitive impairment: Cause or consequence of delirium?</b>	<b>15:27</b>
Speaker: Margaret Herridge (Toronto, Canada)	
<b>Discussion</b>	<b>15:42</b>

Thematic Session  
14:15 - 15:45

Rome

### THE CRITICAL ILL ELDERLY PATIENT

Chair: Hans Flaatten (Bergen, Norway)  
Chair: Steffen Christensen (Aarhus, Denmark)



## Scientific Programme

<b>Update on age epidemiology: Next 20 years</b>	<b>14:15</b>
Speaker: Steffen Christensen (Aarhus, Denmark)	
<b>Discussion</b>	<b>14:30</b>
<b>Do we know what they want?</b>	<b>14:33</b>
Speaker: Akos Csomos (Budapest, Hungary)	
<b>Discussion</b>	<b>14:48</b>
<b>Has the number of elderly ICU patients increased?</b>	<b>14:51</b>
Speaker: Bertrand Guidet (Paris, France)	
<b>Discussion</b>	<b>15:06</b>
<b>Outcomes based on an ICU registry</b>	<b>15:09</b>
Speaker: Dylan de Lange (Utrecht, Netherlands)	
<b>Discussion</b>	<b>15:24</b>
<b>Survived the ICU: Now what?</b>	<b>15:27</b>
Speaker: Sten Walter (Linköping, Sweden)	
<b>Discussion</b>	<b>15:42</b>
State of the Art Session 14:15 - 15:45	Geneva
<b>REVISITING BETA LACTAM USE</b>	
Chair: Fabio Silvio Taccone (Brussels, Belgium) Chair: Garyphalia Poulakou (Athens, Greece)	
<b>Spectrum revisited</b>	<b>14:15</b>
Speaker: Garyphalia Poulakou (Athens, Greece)	
<b>Discussion</b>	<b>14:30</b>
<b>Overview of resistance mechanisms</b>	<b>14:33</b>
Speaker: Jean-Ralph Zahar (Angers, France)	
<b>Discussion</b>	<b>14:48</b>
<b>Right dose: How to do in practice?</b>	<b>14:51</b>
Speaker: Fabio Silvio Taccone (Brussels, Belgium)	
<b>Discussion</b>	<b>15:06</b>
<b>De-escalation of beta lactams: Safe and useful?</b>	<b>15:09</b>
Speaker: Jean-François Timsit (Paris, France)	
<b>Discussion</b>	<b>15:24</b>
<b>Serious pitfalls in beta lactam use</b>	<b>15:27</b>
Speaker: José Artur Paiva (Porto, Portugal)	
<b>Discussion</b>	<b>15:42</b>

## Scientific Programme

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

Paris

### FROM BASIC PHYSIOLOGY TO CLINICALLY APPLICABLE HAEMODYNAMIC VARIABLES

Chair: Jean-Louis Teboul (Kremlin-Bicetre, France)  
Chair: Jan Bakker (Rotterdam, Netherlands)

<b>Mean systemic filling pressure</b>	<b>14:15</b>
Speaker: Jan Bakker (Rotterdam, Netherlands)	
<b>Discussion</b>	<b>14:30</b>
<b>Central venous pressure</b>	<b>14:33</b>
Speaker: Sheldon Magder (Montreal, Canada)	
<b>Discussion</b>	<b>14:48</b>
<b>SvO2/ScvO2</b>	<b>14:51</b>
Speaker: Maurizio Cecconi (London, United Kingdom)	
<b>Discussion</b>	<b>15:06</b>
<b>PCO2 gap</b>	<b>15:09</b>
Speaker: Luciano Gattinoni (Milan, Italy)	
<b>Discussion</b>	<b>15:24</b>
<b>Extravascular lung water</b>	<b>15:27</b>
Speaker: Marco Maggiorini (Zurich, Switzerland)	
<b>Discussion</b>	<b>15:42</b>

Continuous Professional Education Session  
14:15 - 15:45

Glasgow

### PRUDENT ALLOCATION OF SCARCE RESOURCES

Chair: Julian Bion (Birmingham, United Kingdom)  
Chair: Andrej Michalsen (Tettnang, Germany)

<b>The relationship between cost and quality of care</b>	<b>14:15</b>
Speaker: Christiane Hartog (Jena, Germany)	
<b>Discussion</b>	<b>14:30</b>
<b>Costs as a "parameter" in decision-making</b>	<b>14:33</b>
Speaker: Victoria Metaxa (London, United Kingdom)	
<b>Discussion</b>	<b>14:48</b>
<b>North America: Expensive treatments not to be provided</b>	<b>14:51</b>
Speaker: Doug White (Pittsburgh, United States)	
<b>Discussion</b>	<b>15:06</b>
<b>Europe: Utilitarianism at its best?</b>	<b>15:09</b>
Speaker: Julian Bion (Birmingham, United Kingdom)	

## Scientific Programme

**Discussion** 15:24

**End-of-life care: A cheap good?** 15:27

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

**Discussion** 15:42

Continuous Professional Education Session  
14:15 - 15:45

Stockholm

### DRUG PHARMACOKINETICS IN AKI

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

Chair: Anne-Cornélie de Pont (Amsterdam, Netherlands)

**What is augmented renal clearance?** 14:15

Speaker: Ville Pettilä (Helsinki, Finland)

**Discussion** 14:30

**Dosing penicillins in patients on RRT** 14:33

Speaker: John Prowle (London, United Kingdom)

**Discussion** 14:48

**Dosing vancomycin/gentamycin in patients on RRT** 14:51

Speaker: Patrick Honoré (Brussels, Belgium)

**Discussion** 15:06

**Dosing in colistin on RRT** 15:09

Speaker: Olivier Joannes-Boyau (Pessac, France)

**Discussion** 15:24

**Drug dosing on RRT: Take away messages** 15:27

Speaker: Michael Joannidis (Innsbruck, Austria)

**Discussion** 15:42

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

Vienna

### NEUROINFLAMMATION: IMPACT ON ICU MANAGEMENT AND LONG-TERM RECOVERY

Chair: David Menon (Cambridge, United Kingdom)

Chair: Elisa Zanier (Milan, Italy)

**Septic encephalopathy** 14:15

Speaker: Romain Sonnevile (Paris, France)

**Discussion** 14:30

**Traumatic brain injury** 14:33

Speaker: Elisa Zanier (Milan, Italy)

## Scientific Programme

<b>Discussion</b>	<b>14:48</b>
<b>Subarachnoid haemorrhage</b>	<b>14:51</b>
Speaker: Martin Smith (London, United Kingdom)	
<b>Discussion</b>	<b>15:06</b>
<b>Biomarkers and imaging of neuroinflammation</b>	<b>15:09</b>
Speaker: Tarek Sharshar (Paris, France)	
<b>Discussion</b>	<b>15:24</b>
<b>Acute-to-chronic neuroinflammation in the neuro-ICU population</b>	<b>15:27</b>
Speaker: David Menon (Cambridge, United Kingdom)	
<b>Discussion</b>	<b>15:42</b>

Thematic Session  
14:15 - 15:00

NEXT Lounge

### NEXT LOUNGE - EXPERTS IN THE HOT SEAT

Chair: Bernardo Bollen Pinto (Geneva, Switzerland)

<b>Why do the big sepsis trials fail? Moving towards individualism?</b>	<b>14:15</b>
Speaker: Claude Martin (Marseille, France)	
Speaker: Yasser Sakr (Jena, Germany)	

LIVES Interactive Debates  
14:15 - 15:15

Hall 7

### ECMO CPR: HOW FAR SHALL WE GO?

Chair: Jerry Nolan (Bath, United Kingdom)

<b>Debate</b>	<b>14:15</b>
Speaker: Michael Holzer (Vienna, Austria)	
Speaker: Antonio Pesenti (Monza, Italy)	
Speaker: Bruno Mégarbane (Paris, France)	

Thematic Session  
15:00 - 15:45

NEXT Lounge

### NEXT LOUNGE - INTENSIVE CARE TRAINING

Chair: Gennaro De Pascale (Rome, Italy)

<b>UEMS European Training Framework in Intensive Care Medicine</b>	<b>15:00</b>
Speaker: Jean-Daniel Chiche (Paris, France)	
Speaker: Kai Zacharowski (Frankfurt am Main, Germany)	

## Scientific Programme

LIVES Interactive Debates  
15:30 - 16:30

Hall 7

### GLUCOSE UTILISATION IN CRITICAL ILLNESS: THE KEY TO CIP/CIM?

Chair: Steffen Weber-Carstens (Berlin, Germany)

#### Debate

15:30

Speaker: Michael Hiesmayr (Vienna, Austria)

Speaker: Karin Amrein (Graz, Austria)

Speaker: Pierre Singer (Petah Tiqva, Israel)

Thematic Session  
16:00 - 18:05

Berlin

### PRESIDENT'S SESSION: CLINICAL TRIALS IN INTENSIVE CARE

Chair: Daniel De Backer (Brussels, Belgium)

Chair: Jozef Kesecioglu (Utrecht, Netherlands)

#### Global Sepsis awards 2015

16:00

Speaker: Konrad Reinhart (Jena, Germany)

#### CAESAR: A new instrument to assess relative's experience of dying and death in the ICU

16:05

Speaker: Elie Azoulay (Paris, France)

#### Comments

16:17

Speaker: Stephen J. Brett (London, United Kingdom)

#### Discussion

16:20

#### Resuscitation fluid use in adult intensive care patients: An international, cross-sectional study in 426 intensive care units: The Fluid-TRIPS trial

16:25

Speaker: Naomi Hammond (Sydney, Australia)

#### Comments

16:37

Speaker: Shivakumar Iyer (Pune, India)

#### Discussion

16:40

#### A cluster randomised trial of a multifaceted quality improvement intervention in Brazilian intensive care units

16:45

Speaker: Alexandre B. Cavalcanti (São Paulo, Brazil)

#### Comments

16:57

Speaker: Mirella Oliveira (Curitiba, Brazil)

#### Discussion

17:00

#### Keratinocyte growth factor in ARDS to reduce pulmonary dysfunction: The KARE trial

17:05

Speaker: Danny McAuley (Belfast, Ireland)

#### Comments

17:17

Speaker: Mark Peters (London, United Kingdom)

#### Discussion

17:20

## Scientific Programme

<b>A trial of Non Invasive Ventilation for post-extubation respiratory failure after Abdominal Surgery: The NIVAS trial</b>	<b>17:25</b>
Speaker: Samir Jaber (Montpellier, France)	
<b>Comments</b>	<b>17:37</b>
Speaker: Kaijiang Yu (Harbin, China)	
<b>Discussion</b>	<b>17:40</b>
<b>Very High Volume Haemofiltration with the CASCADE system in septic shock patients</b>	<b>17:45</b>
Speaker: Jean-Pierre Quenot (Dijon, France)	
<b>Comments</b>	<b>17:57</b>
Speaker: Peter de Feiter (Rotterdam, Netherlands)	
<b>Discussion</b>	<b>18:00</b>
Thematic Session 16:00 - 18:00	Athens
<b>ANTIBIOTIC TREATMENT OF SEPTIC SHOCK</b>	
Chair: Jeffrey Lipman (Brisbane, Australia) Chair: Marc Léone (Marseille, France)	
<b>Antibiotic PK PD in septic shock</b>	<b>16:00</b>
Speaker: Jeffrey Lipman (Brisbane, Australia)	
<b>Discussion</b>	<b>16:15</b>
<b>Empiric antibiotic therapy for septic shock</b>	<b>16:20</b>
Speaker: Claude Martin (Marseille, France)	
<b>Discussion</b>	<b>16:35</b>
<b>Macrolides: Beyond the antimicrobial activity in CAP</b>	<b>16:40</b>
Speaker: José Artur Paiva (Porto, Portugal)	
<b>Discussion</b>	<b>16:55</b>
<b>When and how to de-escalate?</b>	<b>17:00</b>
Speaker: Marc Léone (Marseille, France)	
<b>Discussion</b>	<b>17:15</b>
<b>What to do during septic shock and renal replacement therapy?</b>	<b>17:20</b>
Speaker: Ignacio Martin-Loeches (Dublin, Ireland)	
<b>Discussion</b>	<b>17:35</b>
<b>Common errors in antibiotic treatment of septic shock</b>	<b>17:40</b>
Speaker: George Dimopoulos (Athens, Greece)	
<b>Discussion</b>	<b>17:55</b>

## Scientific Programme

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

Barcelona

### THE MICROCIRCULATION IN SEPSIS

Chair: Yasser Sakr (Jena, Germany)  
Chair: Djillali Annane (Garches, France)

<b>The physiology of the microcirculation</b>	<b>16:00</b>
Speaker: Steve Hollenberg (Camden, United States)	
<b>Discussion</b>	<b>16:15</b>
<b>Microvascular alterations in sepsis, an overview</b>	<b>16:20</b>
Speaker: Can Ince (Amsterdam, Netherlands)	
<b>Discussion</b>	<b>16:35</b>
<b>Microcirculation, from bench to the bedside</b>	<b>16:40</b>
Speaker: Yasser Sakr (Jena, Germany)	
<b>Discussion</b>	<b>16:55</b>
<b>The link between microvascular and cellular dysfunction</b>	<b>17:00</b>
Speaker: Mervyn Singer (London, United Kingdom)	
<b>Discussion</b>	<b>17:15</b>
<b>Microcirculation, the clinician's perspective</b>	<b>17:20</b>
Speaker: Jan Bakker (Rotterdam, Netherlands)	
<b>Discussion</b>	<b>17:35</b>
<b>The microcirculation as a therapeutic target</b>	<b>17:40</b>
Speaker: Jacques Duranteau (Kremlin-Bicetre, France)	
<b>Discussion</b>	<b>17:55</b>

Joint Session  
16:00 - 18:00

Lisbon

### JOINT WITH ERC - UPDATE ON INTRA-ARREST CARE

Chair: Alain Cariou (Paris, France)  
Chair: Kjetil Sunde (Oslo, Norway)

<b>Optimising chest compression quality</b>	<b>16:00</b>
Speaker: Jerry Nolan (Bath, United Kingdom)	
<b>Discussion</b>	<b>16:15</b>
<b>The role of drugs during CPR</b>	<b>16:20</b>
Speaker: Kjetil Sunde (Oslo, Norway)	
<b>Discussion</b>	<b>16:35</b>
<b>Dosing strategies for epinephrine during CPR</b>	<b>16:40</b>
Speaker: Lionel Lamhaut (Paris, France)	

## Scientific Programme

<b>Discussion</b>	<b>16:55</b>
<b>Cerebral oximetry during and after cardiac arrest</b>	<b>17:00</b>
Speaker: Jerry Nolan (Bath, United Kingdom)	
<b>Discussion</b>	<b>17:15</b>
<b>Identifying the cause of cardiac arrest during CPR</b>	<b>17:20</b>
Speaker: Michael Holzer (Vienna, Austria)	
<b>Discussion</b>	<b>17:35</b>
<b>When to stop resuscitation?</b>	<b>17:40</b>
Speaker: Alain Cariou (Paris, France)	
<b>Discussion</b>	<b>17:55</b>
Thematic Session 16:00 - 18:00	Rome
<b>MUSCLE: A MOTOR OF GOOD SURVIVAL</b>	
Chair: Margaret Herridge (Toronto, Canada) Chair: Michael Quintel (Göttingen, Germany)	
<b>The muscle as protein reservoir</b>	<b>16:00</b>
Speaker: Olav Rooyackers (Stockholm, Sweden)	
<b>Discussion</b>	<b>16:15</b>
<b>The hormonal activity of the muscle</b>	<b>16:20</b>
Speaker: Kenneth B. Christopher (Boston, United States)	
<b>Discussion</b>	<b>16:35</b>
<b>The effect of the muscle on the inflammatory response</b>	<b>16:40</b>
Speaker: Karin Amrein (Graz, Austria)	
<b>Discussion</b>	<b>16:55</b>
<b>When to rest &amp; when to stress the muscle</b>	<b>17:00</b>
Speaker: Steffen Weber-Carstens (Berlin, Germany)	
<b>Discussion</b>	<b>17:15</b>
<b>The proper nutrient balance for the muscle: Protein, energy and lipids</b>	<b>17:20</b>
Speaker: Pierre Singer (Petah Tiqva, Israel)	
<b>Discussion</b>	<b>17:35</b>
<b>How to keep the muscles strong</b>	<b>17:40</b>
Speaker: Michael Hiesmayr (Vienna, Austria)	
<b>Discussion</b>	<b>17:55</b>



## Scientific Programme

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

Geneva

### GLOBAL PERSPECTIVES ON SEPSIS MANAGEMENT

Chair: Mervyn Mer (Johannesburg, South Africa)  
Chair: Marcus Schultz (Amsterdam, Netherlands)

<b>The global burden of sepsis</b>	<b>16:00</b>
Speaker: Marcus Schultz (Amsterdam, Netherlands)	
<b>Discussion</b>	<b>16:15</b>
<b>Sepsis due to malaria</b>	<b>16:20</b>
Speaker: Arjen Dondorp (Bangkok, Thailand)	
<b>Discussion</b>	<b>16:35</b>
<b>Ebola virus disease</b>	<b>16:40</b>
Speaker: Gino Strada (Milan, Italy)	
<b>Discussion</b>	<b>16:55</b>
<b>Tuberculosis</b>	<b>17:00</b>
Speaker: Mervyn Mer (Johannesburg, South Africa)	
<b>Discussion</b>	<b>17:15</b>
<b>Severe dengue shock syndrome</b>	<b>17:20</b>
Speaker: Arjen Dondorp (Bangkok, Thailand)	
<b>Discussion</b>	<b>17:35</b>
<b>Improving care in resource-limited settings: The SSC initiative</b>	<b>17:40</b>
Speaker: Martin Dünser (Salzburg, Austria)	
<b>Discussion</b>	<b>17:55</b>

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

Paris

### HOTTEST TOPICS IN ICU NURSING: APPLYING THE EVIDENCE

Chair: Silvia Calvino Günther (Grenoble, France)  
Chair: Terence O'Reilly (London, United Kingdom)

<b>Non invasive techniques for respiratory failure: Its all about the interface</b>	<b>16:00</b>
Speaker: Dani Martí Romeu (Barcelona, Spain)	
<b>Discussion</b>	<b>16:15</b>
<b>Decontamination: Implications for patient and practice</b>	<b>16:20</b>
Speaker: Anne-Sophie Debue (Paris, France)	
<b>Discussion</b>	<b>16:35</b>
<b>ICU rehabilitation: How far have we come?</b>	<b>16:40</b>
Speaker: David McWilliams (Birmingham, United Kingdom)	

## Scientific Programme

<b>Discussion</b>	<b>16:55</b>
<b>Early warning for deterioration: The Whistle Blower</b>	<b>17:00</b>
Speaker: Carole Boulanger (Exeter, United Kingdom)	
<b>Discussion</b>	<b>17:15</b>
<b>EMR: Integrating SBAR and goal setting into multi-professional rounds</b>	<b>17:20</b>
Speaker: Elsa P. Afonso (Cambridge, United Kingdom)	
<b>Discussion</b>	<b>17:35</b>
<b>Malnutrition in ICU: Pump up the calories?</b>	<b>17:40</b>
Speaker: Deborah Dawson (London, United Kingdom)	
<b>Discussion</b>	<b>17:55</b>

Continuous Professional Education Session  
16:00 - 18:00

Glasgow

## THE RIGHT VENTRICLE IN ARDS

Chair: Maurizio Cecconi (London, United Kingdom)  
Chair: Xavier Monnet (Kremlin-Bicetre, France)

<b>Why is the RV important to consider in ICU patients?</b>	<b>16:00</b>
Speaker: Michael Pinsky (Pittsburgh, United States)	
<b>Discussion</b>	<b>16:15</b>
<b>How to assess right ventricular dysfunction with invasive devices?</b>	<b>16:20</b>
Speaker: Pierre Squara (Neuilly-sur-Seine, France)	
<b>Discussion</b>	<b>16:35</b>
<b>How to assess right ventricular dysfunction with echo?</b>	<b>16:40</b>
Speaker: Bernard Cholley (Paris, France)	
<b>Discussion</b>	<b>16:55</b>
<b>Haemodynamic impact of PEEP and airway pressure</b>	<b>17:00</b>
Speaker: Armand Mekontso Dessap (Créteil, France)	
<b>Discussion</b>	<b>17:15</b>
<b>The RV and prone positioning</b>	<b>17:20</b>
Speaker: Antoine Vieillard-Baron (Boulogne, France)	
<b>Discussion</b>	<b>17:35</b>
<b>The RV and fluid management</b>	<b>17:40</b>
Speaker: Maurizio Cecconi (London, United Kingdom)	
<b>Discussion</b>	<b>17:55</b>

## Scientific Programme

Continuous Professional Education Session  
16:00 - 18:00

Stockholm

### SEPSIS MANAGEMENT: IS LESS MORE?

Chair: Anthony McLean (Sydney, Australia)  
Chair: Gernot Marx (Aachen, Germany)

<b>Less antibiotics</b>	<b>16:00</b>
Speaker: Ignacio Martin-Loeches (Dublin, Ireland)	
<b>Discussion</b>	<b>16:15</b>
<b>Less fluids</b>	<b>16:20</b>
Speaker: Konrad Reinhart (Jena, Germany)	
<b>Discussion</b>	<b>16:35</b>
<b>Less blood</b>	<b>16:40</b>
Speaker: Gernot Marx (Aachen, Germany)	
<b>Discussion</b>	<b>16:55</b>
<b>Less inotropes</b>	<b>17:00</b>
Speaker: Alexandre Mebazaa (Paris, France)	
<b>Discussion</b>	<b>17:15</b>
<b>Less vasopressors</b>	<b>17:20</b>
Speaker: Can Ince (Amsterdam, Netherlands)	
<b>Discussion</b>	<b>17:35</b>
<b>Putting all that together</b>	<b>17:40</b>
Speaker: Geoffrey Bellington (London, United Kingdom)	
<b>Discussion</b>	<b>17:55</b>

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

Vienna

### EXTRACORPORAL LIFE ASSIST 2015

Chair: Michael Sander (Giessen, Germany)  
Chair: Robert Sladen (New York, United States)

<b>Perioperative management of advanced heart failure</b>	<b>16:00</b>
Speaker: Michael Sander (Giessen, Germany)	
<b>Discussion</b>	<b>16:15</b>
<b>Decision making VA ECMO versus VAD therapy</b>	<b>16:20</b>
Speaker: Alain Vuylsteke (Cambridge, United Kingdom)	
<b>Discussion</b>	<b>16:35</b>
<b>Perioperative management of patients with long term VADs</b>	<b>16:40</b>
Speaker: Robert Sladen (New York, United States)	

## Scientific Programme

<b>Discussion</b>	<b>16:55</b>
<b>Anticoagulation in patients with assist devices</b>	<b>17:00</b>
Speaker: Dirk Donker (Utrecht, Netherlands)	
<b>Discussion</b>	<b>17:15</b>
<b>Weaning strategies of VA ECMO and VADs</b>	<b>17:20</b>
Speaker: Giovanni Landoni (Milan, Italy)	
<b>Discussion</b>	<b>17:35</b>
<b>Out of hospital management of VAD patients</b>	<b>17:40</b>
Speaker: Sascha Treskatsch (Berlin, Germany)	
<b>Discussion</b>	<b>17:55</b>

Thematic Session  
16:00 - 17:00

NEXT Lounge

### NEXT LOUNGE - YOUNG LECTURER AWARD

<b>The butterfly effect in critical care medicine: The earlier the merrier (and the simpler, the better)</b>	<b>16:00</b>
Speaker: Alberto Goffi (Toronto, Canada)	
<b>The 5 causes of hypoxia: A pathophysiological approach</b>	<b>16:20</b>
Speaker: Samuele Ceruti (Geneva, Switzerland)	
<b>Precise summary of ICH management</b>	<b>16:40</b>
Speaker: Mohammed Zubair Ahmed (Madina AlMunawwara, Saudi Arabia)	

LIVES Interactive Debates  
16:45 - 17:45

Hall 7

### INTENSIVE CARE AND HIGH RISK INDUSTRY-PRETTY MUCH THE SAME OR DANGEROUS LESSONS?

Chair: Hans Flaatten (Bergen, Norway)

<b>Debate</b>	<b>16:45</b>
Speaker: Andreas Valentin (Schwarzach, Austria)	
Speaker: Jean-Daniel Chiche (Paris, France)	
Speaker: Akos Csomos (Budapest, Hungary)	

Thematic Session  
17:00 - 18:00

NEXT Lounge

### NEXT LOUNGE - CHALLENGE

<b>4 teams</b>	<b>17:00</b>
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## Scientific Programme

General Assembly  
18:15 - 19:30

Geneva

### ESICM GENERAL ASSEMBLY

#### Welcome / Introduction

18:15

Speaker: Daniel De Backer (Brussels, Belgium)

#### Division of Administrative Affairs Secretary Treasurer

18:30

Speaker: Geoffrey Bellingan (London, United Kingdom)

Speaker: Jordi Mancebo Cortes (Barcelona, Spain)

#### Division of Scientific Affairs

18:45

Speaker: Jozef Kesecioglu (Utrecht, Netherlands)

#### Division of Professional Development

19:00

Speaker: Francesca Rubulotta (London, United Kingdom)

#### Other matters Questions and answers from the members

19:15

## Scientific Programme

### Wednesday, 07 October 2015

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Keynote Lecture  
08:00 - 08:25

Berlin

#### **RENAL REPLACEMENT THERAPY: WHAT IS OPTIMAL?**

Chair: Lui Forni (Guildford, United Kingdom)

##### **Presentation**

**08:00**

Speaker: John Kellum (Pittsburgh, United States)

Thematic Session  
08:30 - 10:00

Berlin

#### **CARDIOVASCULAR ALTERATIONS IN SEPSIS**

Chair: Karim Asehnoune (Nantes, France)

Chair: Can Ince (Amsterdam, Netherlands)

##### **Basics of vascular hyporesponsiveness**

**08:30**

Speaker: Can Ince (Amsterdam, Netherlands)

##### **Discussion**

**08:45**

##### **Basics of septic cardiomyopathy**

**08:48**

Speaker: Bruno Levy (Vandoeuvre les Nancy, France)

##### **Discussion**

**09:03**

##### **Systolic and/or diastolic function**

**09:06**

Speaker: Karim Asehnoune (Nantes, France)

##### **Discussion**

**09:21**

##### **Tools to treat**

**09:24**

Speaker: Ricard Ferrer Roca (Barcelona, Spain)

##### **Discussion**

**09:39**

##### **Relations with outcome**

**09:42**

Speaker: Djillali Annane (Garches, France)

##### **Discussion**

**09:57**

Thematic Session  
08:30 - 10:00

Athens

#### **BEYOND MACRO-HAEMODYNAMICS: MICROCIRCULATION AND TISSUE OXYGENATION**

Chair: Thomas Scheeren (Groningen, Netherlands)

Chair: Dirk Donker (Utrecht, Netherlands)

## Scientific Programme

<b>Assessing the microcirculation</b>	<b>08:30</b>
Speaker: Yasser Sakr (Jena, Germany)	
<b>Discussion</b>	<b>08:45</b>
<b>Assessing the tissue oxygenation</b>	<b>08:48</b>
Speaker: Thomas Scheeren (Groningen, Netherlands)	
<b>Discussion</b>	<b>09:03</b>
<b>Incidence of microcirculatory shock and tissue hypoxia</b>	<b>09:06</b>
Speaker: Jan Bakker (Rotterdam, Netherlands)	
<b>Discussion</b>	<b>09:21</b>
<b>Therapeutic options to resuscitate the microcirculation</b>	<b>09:24</b>
Speaker: Jacques Duranteau (Kremlin-Bicetre, France)	
<b>Discussion</b>	<b>09:39</b>
<b>Therapeutic options to improve tissue oxygenation</b>	<b>09:42</b>
Speaker: Didier Payen (Paris, France)	
<b>Discussion</b>	<b>09:57</b>

Joint Session  
08:30 - 10:00

Barcelona

## JOINT WITH DIVI - RELATIONSHIPS BETWEEN HAEMODYNAMICS AND ORGAN FUNCTION IN SEPSIS

Chair: Gernot Marx (Aachen, Germany)  
Chair: Jean-Louis Teboul (Kremlin-Bicetre, France)

<b>Macrocirculatory abnormalities in sepsis: An overview</b>	<b>08:30</b>
Speaker: Gernot Marx (Aachen, Germany)	
<b>Discussion</b>	<b>08:45</b>
<b>How to correct haemodynamics in sepsis-associated ARDS?</b>	<b>08:48</b>
Speaker: Stefan Kluge (Hamburg, Germany)	
<b>Discussion</b>	<b>09:03</b>
<b>Influence of haemodynamics on AKI in sepsis</b>	<b>09:06</b>
Speaker: Achim Jörres (Berlin, Germany)	
<b>Discussion</b>	<b>09:21</b>
<b>Haemodynamics and septic brain dysfunction</b>	<b>09:24</b>
Speaker: Olaf Cremer (Utrecht, Netherlands)	
<b>Discussion</b>	<b>09:39</b>
<b>Haemodynamics and septic liver dysfunction</b>	<b>09:42</b>
Speaker: Julia Wendon (London, United Kingdom)	
<b>Discussion</b>	<b>09:57</b>

## Scientific Programme

Thematic Session  
08:30 - 10:00

Lisbon

### WHERE IS THE EVIDENCE FOR?

Chair: Geert Meyfroidt (Leuven, Belgium)  
Chair: Fabio Silvio Taccone (Brussels, Belgium)

**Clinical versus multimodality monitoring** **08:30**

Speaker: Mauro Oddo (Lausanne, Switzerland)

**Discussion** **08:45**

**ICP and CPP thresholds** **08:48**

Speaker: Geert Meyfroidt (Leuven, Belgium)

**Discussion** **09:03**

**Arterial pressure control in neurosurgical emergencies** **09:06**

Speaker: Thomas Geeraerts (Toulouse, France)

**Discussion** **09:21**

**Seizure prophylaxis** **09:24**

Speaker: Janneke Horn (Amsterdam, Netherlands)

**Discussion** **09:39**

**DVT prophylaxis in the NICU** **09:42**

Speaker: Luciana Mascia (Turin, Italy)

**Discussion** **09:57**

Thematic Session  
08:30 - 10:00

Rome

### FROM DESCRIPTIONS TO NUMBERS: CURRENT RESEARCH IN CLINICAL ETHICS

Chair: Charles Sprung (Jerusalem, Israel)  
Chair: Christiane Hartog (Jena, Germany)

**Worldwide consensus regarding end-of-life care: "WELPICUS"** **08:30**

Speaker: Charles Sprung (Jerusalem, Israel)

**Discussion** **08:45**

**Benchmarking team-performance: "EIDECS"** **08:48**

Speaker: Christiane Hartog (Jena, Germany)

**Discussion** **09:03**

**A fair farewell: "Euro Q2"** **09:06**

Speaker: Hanne Jensen (Vejle, Denmark)

**Discussion** **09:21**

**Walking the talk: the "Facilitating Communication Study"** **09:24**

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



## Scientific Programme

**Discussion** 09:39

**Disproportionate care: "DISPROPRICUS"** 09:42

Speaker: Dominique Benoit (Ghent, Belgium)

**Discussion** 09:57

Thematic Session  
08:30 - 10:00

Geneva

### IS LACTATE ALWAYS BAD? A JANUS-FACED COMPOUND

Chair: Sonja Fruhwald (Graz, Austria)  
Chair: Pierre Singer (Petah Tiqva, Israel)

**Prognostication with lactate levels and clearance** 08:30

Speaker: Valentin Fuhrmann (Hamburg, Germany)

**Discussion** 08:45

**The muscle is a lactate producer** 08:48

Speaker: Steffen Weber-Carstens (Berlin, Germany)

**Discussion** 09:03

**How do the changes in lactate production affect outcome** 09:06

Speaker: Annika Reintam Blaser (Tartu, Estonia)

**Discussion** 09:21

**Lactate as an internal substrate** 09:24

Speaker: Wilfred Druml (Vienna, Austria)

**Discussion** 09:39

**Exogenous lactate as a therapeutic intervention** 09:42

Speaker: Carole Ichai (Nice, France)

**Discussion** 09:57

Thematic Session  
08:30 - 10:00

Paris

### THE COMPLEX LIFE IN AN ICU

Chair: Diederik van Dijk (Utrecht, Netherlands)  
Chair: Sten Walter (Linköping, Sweden)

**Patients to healthcare workers ratio** 08:30

Speaker: Julia Wendon (London, United Kingdom)

**Discussion** 08:45

**On-call in the ICU** 08:48

Speaker: Lara Prisco (Cambridge, United Kingdom)

## Scientific Programme

<b>Discussion</b>	<b>09:03</b>
<b>Overtime and underuse</b>	<b>09:06</b>
Speaker: Victoria Metaxa (London, United Kingdom)	
<b>Discussion</b>	<b>09:21</b>
<b>Foreign short-term employees</b>	<b>09:24</b>
Speaker: Ruth Endacott (Plymouth, United Kingdom)	
<b>Discussion</b>	<b>09:39</b>
<b>End-of-life decisions</b>	<b>09:42</b>
Speaker: Diederik van Dijk (Utrecht, Netherlands)	
<b>Discussion</b>	<b>09:57</b>

Thematic Session  
08:30 - 10:00

Glasgow

## THE SYMBIOSIS OF EMERGENCY AND INTENSIVE CARE MEDICINE

Chair: Mervyn Mer (Johannesburg, South Africa)  
Chair: Martin Dünser (Salzburg, Austria)

<b>Emergency and intensive care medicine: Anything common?</b>	<b>08:30</b>
Speaker: Jean-Louis Vincent (Brussels, Belgium)	
<b>Discussion</b>	<b>08:45</b>
<b>Emergency and intensive care medicine: A combined department?</b>	<b>08:48</b>
Speaker: Michael Joannidis (Innsbruck, Austria)	
<b>Discussion</b>	<b>09:03</b>
<b>Running an intensive care unit in an emergency department</b>	<b>09:06</b>
Speaker: Michael Holzer (Vienna, Austria)	
<b>Discussion</b>	<b>09:21</b>
<b>The intensivist as part of the medical emergency team</b>	<b>09:24</b>
Speaker: Jukka Takala (Bern, Switzerland)	
<b>Discussion</b>	<b>09:39</b>
<b>The intensivist in the pre-hospital emergency medical system</b>	<b>09:42</b>
Speaker: Martin Dünser (Salzburg, Austria)	
<b>Discussion</b>	<b>09:57</b>

## Scientific Programme

Thematic Session  
08:30 - 10:00

Stockholm

### CRITICAL ILLNESS: IT'S A FAMILY AFFAIR

Chair: Julie Benbenishty (Jerusalem, Israel)  
Chair: Terence O'Reilly (London, United Kingdom)

<b>Are ICUs family friendly?</b>	<b>08:30</b>
Speaker: Ruth Endacott (Plymouth, United Kingdom)	
<b>Discussion</b>	<b>08:45</b>
<b>Do we need visiting hours in ICU?</b>	<b>08:48</b>
Speaker: Elsa P. Afonso (Cambridge, United Kingdom)	
<b>Discussion</b>	<b>09:03</b>
<b>Privacy and confidentiality: Breaking the rules</b>	<b>09:06</b>
Speaker: Silvia Calvino Günther (Grenoble, France)	
<b>Discussion</b>	<b>09:21</b>
<b>Nurse: The information giver</b>	<b>09:24</b>
Speaker: Anne-Sophie Debue (Paris, France)	
<b>Discussion</b>	<b>09:39</b>
<b>Relatives: Partners in care</b>	<b>09:42</b>
Speaker: Terence O'Reilly (London, United Kingdom)	
<b>Discussion</b>	<b>09:57</b>

Thematic Session  
08:30 - 10:00

Vienna

### NON INVASIVE VENTILATION

Chair: Marco Ranieri (Turin, Italy)  
Chair: Miquel Ferrer (Barcelona, Spain)

<b>Non invasive ventilation in weaning</b>	<b>08:30</b>
Speaker: Massimo Antonelli (Rome, Italy)	
<b>Discussion</b>	<b>08:45</b>
<b>NIV in COPD</b>	<b>08:48</b>
Speaker: Laurent Brochard (Toronto, Canada)	
<b>Discussion</b>	<b>09:03</b>
<b>NIV in hypoxic acute respiratory failure: Findings from the LUNG-SAFE study</b>	<b>09:06</b>
Speaker: Giacomo Bellani (Monza, Italy)	
<b>Discussion</b>	<b>09:21</b>
<b>Paediatric NIV</b>	<b>09:24</b>
Speaker: Giorgio Conti (Rome, Italy)	

## Scientific Programme

**Discussion** 09:39

**NIV by NAVA** 09:42

Speaker: Alexandre Demoule (Paris, France)

**Discussion** 09:57

Thematic Session  
08:30 - 09:30

NEXT Lounge

### NEXT LOUNGE - 2020: THE FUTURE OF INTENSIVE CARE

Chair: Steven Thiessen (Leuven, Belgium)

**Blood purification techniques: Immunomodulation or fantasy?** 08:30

Speaker: Lui Forni (Guildford, United Kingdom)

Speaker: Didier Payen (Paris, France)

Speaker: Anne-Cornélie de Pont (Amsterdam, Netherlands)

LIVES Interactive Debates  
08:30 - 09:30

Hall 7

### HOW TO MANAGE A PATIENT UNDER ECMO?

Chair: Alain Combes (Paris, France)

#### Debate

08:30

Speaker: Luciano Gattinoni (Milan, Italy)

Speaker: Antonio Pesenti (Monza, Italy)

Speaker: Diederik Gommers (Rotterdam, Netherlands)

Thematic Session  
09:40 - 11:00

NEXT Lounge

### NEXT LOUNGE - DEBATE

Chair: Matthias Hilty (Zurich, Switzerland)

**Observationalists or trialists: Big data raising!**

09:40

Speaker: Hannah Wunsch (New York, United States)

Speaker: Leo Anthony Celi (Boston, United States)

Speaker: Derek Angus (Pittsburgh, United States)

Speaker: Paul Young (Wellington, New Zealand)

LIVES Interactive Debates  
09:45 - 10:45

Hall 7

### SHOULD EARLY GOAL DIRECTED THERAPY BE ABANDONED IN SEPSIS?

Chair: Jean-Louis Vincent (Brussels, Belgium)

## Scientific Programme

### Debate

09:45

Speaker: Luciano Gattinoni (Milan, Italy)  
Speaker: Daniel De Backer (Brussels, Belgium)  
Speaker: Konrad Reinhart (Jena, Germany)

Oral Presentations  
10:10 - 11:30

Berlin

### CARDIO-VASCULAR DRUGS IN SHOCK

Chair: Steve Hollenberg (Camden, United States)  
Chair: Jean-Louis Teboul (Kremlin-Bicetre, France)

#### NOREPINEPHRINE EXERTS AN INOTROPIC EFFECT AT THE EARLY PHASE OF HUMAN SEPTIC SHOCK

10:10

Abstract Presenter: Olfa Hamzaoui (Clamart, France)

#### ACUTE HAEMODYNAMIC EFFECTS OF DOBUTAMINE IN EXPERIMENTAL SEPSIS-INDUCED MYOCARDIAL DEPRESSION

10:25

Abstract Presenter: Davide T. Andreis (London, United Kingdom)

#### EARLY TREATMENT WITH ISOFLURANE IMPROVES CARDIAC FUNCTION AND INCREASES SURVIVAL IN A RAT MODEL OF TAKO-TSUBO CARDIOMYOPATHY

10:40

Abstract Presenter: Jonatan Oras (Gothenburg, Sweden)

#### BETA-BLOCKADE IN EXPERIMENTAL FLUID-RESUSCITATED SEPSIS: ACUTE HAEMODYNAMIC EFFECTS OF ESMOLOL DIFFER IN PREDICTED SURVIVORS AND NON-SURVIVORS

10:55

Abstract Presenter: Waqas Khaliq (London, United Kingdom)

#### EFFECT OF METFORMIN ON OUTCOME IN PATIENTS UNDERGOING PRIMARY PERCUTANEOUS CORONARY INTERVENTION FOR ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION

11:10

Abstract Presenter: Rene A. Posma (Groningen, Netherlands)

Oral Presentations  
10:10 - 11:30

Athens

### ACUTE RESPIRATORY FAILURE: EXPERIMENTAL STUDIES

Chair: John Laffey (Toronto, Canada)  
Chair: Marco Ranieri (Turin, Italy)

#### EFFECT OF THE ALVEOLAR TYPE II CELLS TRANSPLANTATION FOR THE TREATMENT OF ACUTE LUNG INJURY

10:10

Abstract Presenter: Raquel Guillaumat-Prats (Sabadell, Spain)

#### INHIBITION OF RECEPTOR FOR ADVANCED GLYCATION END-PRODUCTS (RAGE) IMPROVES ALVEOLAR FLUID CLEARANCE AND LUNG INJURY IN A MOUSE MODEL OF ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS)

10:25

Abstract Presenter: Raiko Blondonnet (Clermont-Ferrand, France)

## Scientific Programme

<b>HYGROMETRY OF GAS DELIVERED WITH DIFFERENT HIGH FLOW OXYGEN HUMIDIFIERS AND IMPACT ON COMFORT OF THE LEVEL OF HYGROMETRY</b>	<b>10:40</b>
Abstract Presenter: François Lellouche (Lac-Beauport, Canada)	
<b>EFFECTS OF PRESSURE CONTROL AND PRESSURE SUPPORT VENTILATION ON VENTILATOR INDUCED LUNG INJURY IN EXPERIMENTAL ACUTE RESPIRATORY DISTRESS SYNDROME WITH INTRA-ABDOMINAL HYPERTENSION</b>	<b>10:55</b>
Abstract Presenter: Cíntia L. Santos (Rio de Janeiro, Brazil)	
<b>ION-EXCHANGE RESIN ANTICOAGULATION: EXPERIMENTAL DATA OF A NOVEL EXTRACORPOREAL REGIONAL ANTICOAGULATION TECHNIQUE</b>	<b>11:10</b>
Abstract Presenter: Alberto Zanella (Monza, Italy)	

Oral Presentations  
10:10 - 11:30

Barcelona

### RCT'S IN INFECTION AND SEPSIS

Chair: Ignacio Martin-Loeches (Dublin, Ireland)  
Chair: Jan De Waele (Ghent, Belgium)

<b>HYDROCORTISONE IN TREATMENT OF SEVERE SEPSIS AND SEPTIC SHOCK WITH ACUTE RESPIRATORY DISTRESS SYNDROME: A RANDOMISED CONTROLLED TRIAL</b>	<b>10:10</b>
Abstract Presenter: Surat Tongyoo (Bangkok, Thailand)	
<b>RANDOMISED CONTROLLED TRIAL USING DAILY ELECTRICAL MUSCLE STIMULATION (EMS) IN CRITICALLY ILL PATIENTS TO PREVENT INTENSIVE CARE UNIT (ICU) ACQUIRED WEAKNESS (ICUAW)</b>	<b>10:25</b>
Abstract Presenter: Moritz Goll (Berlin, Germany)	
<b>THE EFFECT OF ENDOTOXIN ADSORBER HAEMOPERFUSION ON MICROCIRCULATION IN PATIENTS WITH SEVERE SEPSIS AND SEPTIC SHOCK</b>	<b>10:40</b>
Abstract Presenter: Yu-Chang Yeh (Taipei, Taiwan, Province of China)	
<b>EFFECTS OF LEVOSIMENDAN ON CELLULAR METABOLIC ALTERATIONS IN PATIENTS WITH SEPTIC SHOCK: A RANDOMISED CONTROLLED STUDY</b>	<b>10:55</b>
Abstract Presenter: Zied Hajjej (Tunis, Tunisia)	
<b>COMPARISON OF CHLORHEXIDINE BASED DRESSING VERSUS SIMPLE OCCLUSIVE DRESSING IN PREVENTING CATHETER RELATED BLOODSTREAM INFECTIONS AT MEDICAL ICU IN A RESOURCE CONSTRAINT SETTINGS</b>	<b>11:10</b>
Abstract Presenter: Syed Muhammad Muneeb Ali (Islamabad, Pakistan)	

Oral Presentations  
10:10 - 11:30

Lisbon

### NEUROINTENSIVE CARE

Chair: Nino Stocchetti (Milan, Italy)  
Chair: Lara Prisco (Cambridge, United Kingdom)

## Scientific Programme

<b>BLOOD-BRAIN BARRIER DYSFUNCTION ASSESSED BY PROTEIN S-100 BETA LEVELS IN CIRRHOTIC PATIENTS IN ICU</b>	<b>10:10</b>
Abstract Presenter: Nicolas Weiss (France, France)	
<b>REGIONAL BRAIN EXTRACELLULAR MARKERS OF CEREBRAL ISCHAEMIA AFTER ANEURYSMAL SUBARACHNOID HAEMORRHAGE: A COMBINED CEREBRAL MICRODIALYSIS AND PERFUSION CT STUDY</b>	<b>10:25</b>
Abstract Presenter: Camille Patet (Lausanne, Switzerland)	
<b>THE EFFECTS OF INDUCED HYPERTENSION ON CEREBRAL PERFUSION DURING DELAYED CEREBRAL ISCHAEMIA IN ANEURYSMAL SUBARACHNOID HAEMORRHAGE: A RANDOMISED CLINICAL TRIAL</b>	<b>10:40</b>
Abstract Presenter: Celine S. Gathier (Utrecht, Netherlands)	
<b>A NOVEL METHOD OF DETECTING RAISED INTRACRANIAL PRESSURE FROM HEAD COMPUTED TOMOGRAPHY USING OPTIC NERVE SHEATH DIAMETER</b>	<b>10:55</b>
Abstract Presenter: Meical G. Povey (Coventry, United Kingdom)	
<b>EFFECT OF EARLY CORRECTION OF HYPONATREMIA ON NEUROLOGICAL OUTCOME IN TRAUMATIC BRAIN INJURY PATIENTS</b>	<b>11:10</b>
Abstract Presenter: Khalil Ahmad (Dubai, United Arab Emirates)	

Oral Presentations  
10:10 - 11:30

Rome

## PERIOPERATIVE ICU MANAGEMENT

Chair: Michelle Chew (Malmö, Sweden)  
Chair: Nils Haake (Kiel, Germany)

<b>EFFECTS OF NEUROMUSCULAR ELECTRICAL STIMULATION ON MUSCLE MASS AND STRENGTH IN CRITICALLY ILL PATIENTS AFTER CARDIOTHORACIC SURGERY (CATASTIM 2)</b>	<b>10:10</b>
Abstract Presenter: Arabella Fischer (Vienna, Austria)	
<b>GOAL-DIRECTED THERAPY IN CANCER SURGERY: A RANDOMISED AND CONTROLLED TRIAL (GRICS II)</b>	<b>10:25</b>
Abstract Presenter: Aline Gerent (São Paulo, Brazil)	
<b>POST-OPERATIVE IMMUNE SUPPRESSION IS REVERSIBLE WITH INTERFERON GAMMA AND INDEPENDENT OF IL-6 PATHWAYS</b>	<b>10:40</b>
Abstract Presenter: Esme Rebecca Longbottom (London, United Kingdom)	
<b>CENTRAL VENOUS-TO-ARTERIAL CARBON DIOXIDE DIFFERENCE IN THE EARLY POSTOPERATIVE CARE FOLLOWING LIVER TRANSPLANTATION</b>	<b>10:55</b>
Abstract Presenter: Ignacio Saez (Madrid, Spain)	
<b>THE IMPLEMENTATION OF A BLOOD CONSERVATION STRATEGY IN CRITICAL CARE ON TRANSFUSION REQUIREMENTS</b>	<b>11:10</b>
Abstract Presenter: Ascanio Tridente (Liverpool, United Kingdom)	

## Scientific Programme

Oral Presentations  
10:10 - 11:30

Geneva

### NON INVASIVE AND ASSISTED MECAHNICAL VENTILATION

Chair: Antonio Artigas (Barcelona, Spain)  
Chair: Alain Mercat (Angers, France)

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| <b>HIGH FLOW CONDITIONED OXYGEN THERAPY FOR PREVENTION OF REINTUBATION IN CRITICALLY ILL PATIENTS AT HIGH RISK FOR EXTUBATION FAILURE: A MULTICENTER RANDOMISED CONTROLLED TRIAL</b> | <b>10:10</b> |
| Abstract Presenter: Gonzalo Hernandez (Toledo, Spain)  |              |
| <b>EXTRACORPOREAL CO2 REMOVAL IN HYPERCAPNIC PATIENTS WHO FAIL NONINVASIVE VENTILATION AND REFUSE ENDOTRACHEAL INTUBATION: A CASE SERIES</b>   | <b>10:25</b> |
| Abstract Presenter: Andrea Morelli (Rome, Italy)   |              |
| <b>EFFECT OF DIFFERENT PRESSURE-TARGETED MODES OF VENTILATION ON TRANSPULMONARY PRESSURE AND INSPIRATORY EFFORT</b>  | <b>10:40</b> |
| Abstract Presenter: Nuttapol Rittayamai (Toronto, Canada)  |              |
| <b>ADAPTIVE SUPPORT VENTILATION AS AN ACCEPTABLE MODE TO PREVENT AIRFLOW LIMITATION, AIR ENTRAPMENT, DYNAMIC HYPERINFLATION AND PATIENT-VENTILATOR DYSSYNCHRONY</b>                  | <b>10:55</b> |
| Abstract Presenter: Ahmed Taha (Abu Dhabi, United Arab Emirates)   |              |
| <b>SYSTEMATIC EVALUATION OF INTAKES IN PATIENTS RECEIVING NON INVASIVE VENTILATION. THE STARVE STUDY</b>   | <b>11:10</b> |
| Abstract Presenter: Michel Arnaout (Paris Cedex 14, France)  |              |

Oral Presentations  
10:10 - 11:30

Paris

### VIRAL IMPACT ON SEPSIS

Chair: Didier Payen (Paris, France)  
Chair: Jeffrey Lipman (Brisbane, Australia)

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| <b>HUMAN RHINOVIRUS INFECTION INDUCES LOCAL AND SYSTEMIC IMMUNOLOGICAL TOLERANCE IN HEALTHY VOLUNTEERS</b>                           | <b>10:10</b> |
| Abstract Presenter: Rebecca M. Koch (Nijmegen, Netherlands)  |              |
| <b>PNEUMOCOCCAL PNEUMONIA COINFECTION IN CRITICALLY ILL PATIENTS WITH INFLUENZA A (H1N1) PRIMARY VIRAL PNEUMONIA</b>                 | <b>10:25</b> |
| Abstract Presenter: Francisco Javier González De Molina (Terrassa, Spain)  |              |
| <b>DENGUE INFECTION WITH MULTIORGAN DYSFUNCTION:-SOFA SCORE, ARTERIAL LACTATE AND SERUM ALBUMIN LEVELS ARE PREDICTORS OF OUTCOME</b> | <b>10:40</b> |
| Abstract Presenter: Sameer Jog (Pune, India)   |              |
| <b>CYTOMEGALOVIRUS REACTIVATION ENHANCES THE VIRULENCE OF A STAPHYLOCOCCUS AUREUS PNEUMONIA IN A MOUSE MODEL</b>                     | <b>10:55</b> |
| Abstract Presenter: Sami Hraiech (Marseille, France)   |              |



## Scientific Programme

<b>INITIAL LEVELS OF MR-PROADRENOMEDULLIN: A PREDICTOR OF SEVERITY IN PATIENTS WITH INFLUENZA A VIRUS PNEUMONIA</b>	<b>11:10</b>
Abstract Presenter: Francisco Valenzuela Sanchez (Jerez de la Frontera, Spain)	

Oral Presentations  
10:10 - 11:30

Glasgow

### SCORING SEVERITY OF DISEASE

Chair: Rui Paulo Moreno (Lisbon, Portugal)  
Chair: Dylan de Lange (Utrecht, Netherlands)

<b>EVALUATION OF SAPS-3 INDEX IN PATIENTS WITH STRUCTURAL BRAIN LESION ADMITTED IN INTENSIVE CARE UNIT (ICU)</b>	<b>10:10</b>
Abstract Presenter: Maria Dolores Arias-Verdu (Malaga, Spain)	
<b>THE USEFULNESS OF MODIFIED NATIONAL EARLY WARNING SCORE WITH THE AGE LEVEL IN CRITICALLY ILL MEDICAL PATIENTS</b>	<b>10:25</b>
Abstract Presenter: Young Seok Lee (Seoul, Korea, Republic of)	
<b>VALIDITY OF PROGNOSTIC SCORING SYSTEMS USED IN CRITICALLY ILL PATIENTS WITH ACUTE OR CHRONIC LIVER FAILURE</b>	<b>10:40</b>
Abstract Presenter: Elena Aurea Keough Delgado (Madrid, Spain)	
<b>COMPARISON BETWEEN SAPS 3 AND APACHE II IN SURGICAL PATIENTS ADMITTED TO A BRAZILIAN ICU</b>	<b>10:55</b>
Abstract Presenter: Roosevelt Santos Nunes (Ribeirão Preto, Brazil)	
<b>DESIGNING A CARDIAC SURGERY MORTALITY RISK MODEL WITH SPANISH POPULATION</b>	<b>11:10</b>
Abstract Presenter: Meisy Pérez Cheng (Salamanca, Spain)	

Oral Presentations  
10:10 - 11:30

Stockholm

### INSIGHTS INTO MECHANISMS

Chair: Patrick Honoré (Brussels, Belgium)  
Chair: Ville Pettilä (Helsinki, Finland)

<b>STRUCTURE AND FUNCTION OF THE KIDNEY IN SEPTIC SHOCK - A PROSPECTIVE CONTROLLED STUDY</b>	<b>10:10</b>
Abstract Presenter: Matthew J. Maiden (Adelaide, Australia)	
<b>HEPATIC DRUG METABOLISM BY CYP2D6 IN CRITICALLY ILL ADULTS WITH AKI: EFFECT OF PHENOTYPE AND AKI SEVERITY</b>	<b>10:25</b>
Abstract Presenter: Katie Lane (London, United Kingdom)	
<b>EARLY DIAGNOSIS OF AKI IN THE ICU: URINARY CHITINASE 3-LIKE PROTEIN 1 AS A NOVEL RENAL TROPONIN</b>	<b>10:40</b>
Abstract Presenter: Jorien De Loor (Merelbeke, Belgium)	

## Scientific Programme

<b>POST-MORTEM FINDINGS IN CRITICALLY ILL PATIENTS TREATED WITH CONTINUOUS RENAL REPLACEMENT THERAPY</b>	<b>10:55</b>
Abstract Presenter: Ilaria Alice Crippa (Bruxelles, Belgium)	
<b>A COMPARISON BETWEEN 2 DILUTE CITRATE SOLUTIONS (15MMOL/L VS 18 MMOL/L) IN CONTINUOUS RENAL REPLACEMENT THERAPY: THE BASE EXCESS AND RENAL REPLACEMENT SOLUTION (BEARRS) STUDY</b>	<b>11:10</b>
Abstract Presenter: Victoria K. Campbell (Nambour, Australia)	

Oral Presentations  
10:10 - 11:30

Vienna

### CARDIAC ARREST

Chair: Alain Cariou (Paris, France)  
Chair: Dirk Donker (Utrecht, Netherlands)

<b>DYSGLYCEMIA, GLYCEMIC VARIABILITY AND OUTCOME AFTER CARDIAC ARREST AND TEMPERATURE MANAGEMENT AT 33 °C AND 36 °C (A POST-HOC ANALYSIS OF THE TARGET TEMPERATURE MANAGEMENT TRIAL)</b>	<b>10:10</b>
Abstract Presenter: Ola Borgquist (Lund, Sweden)	
<b>TIME TO START OF CARDIOPULMONARY RESUSCITATION AND THE EFFECT OF TARGET TEMPERATURE MANAGEMENT AT 33°C AND 36°C</b>	<b>10:25</b>
Abstract Presenter: Josef Dankiewicz (Lund, Sweden)	
<b>EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO) IN THE MANAGEMENT OF NON-SURGICAL PATIENTS WITH CARDIOGENIC SHOCK AND CARDIAC ARREST</b>	<b>10:40</b>
Abstract Presenter: Petr Ostadal (Prague, Czech Republic)	
<b>DIFFERENCES IN LONG-TERM MORTALITY AFTER OUT-OF-HOSPITAL, IN-HOSPITAL AND INTENSIVE CARE UNIT CARDIAC ARRESTS IN FINLAND</b>	<b>10:55</b>
Abstract Presenter: Ilmar Efendijev (Helsinki, Finland)	
<b>QUALITY OF LIFE AFTER OUT-OF-HOSPITAL CARDIAC ARREST: THE PARISIAN REGISTRY</b>	<b>11:10</b>
Abstract Presenter: Guillaume Geri (Paris, France)	

Poster Corner  
10:10 - 12:00

Poster Corner

### MONITORING THE VENTILATED PATIENT

Chair: Xavier Monnet (Kremlin-Bicetre, France)  
Chair: Thomas Bein (Regensburg, Germany)

<b>QUANTIFICATION OF LUNG COLLAPSE DURING PEEP-TITRATION BY ELECTRICAL IMPEDANCE TOMOGRAPHY IN EXPERIMENTAL ARDS - COMPARISON WITH QUANTITATIVE CT ANALYSIS</b>
Abstract Presenter: Sören Hammermüller (Leipzig, Germany)
<b>PREDICTING EXTUBATION FAILURE</b>
Abstract Presenter: Sophie Krivinskas (Brighton, United Kingdom)

## Scientific Programme

### **NEUROMECHANICAL COUPLING DURING MECHANICAL VENTILATION: REVERSE-TRIGGERING VS OTHERS FORMS OF ASYNCHRONY**

Abstract Presenter: Jose Manuel Serrano Simon (Cordoba, Spain)

### **AUTOMATIC MONITORING OF PLATEAU AND DRIVING PRESSURE DURING PRESSURE AND VOLUME CONTROLLED VENTILATION**

Abstract Presenter: Francesco Mojoli (Pavia, Italy)

### **CAN THEORETICAL VALUES FOR CHEST WALL COMPLIANCE BE USED IN ARDS PATIENTS?**

Abstract Presenter: Guang Qiang Chen (Toronto, Canada)

### **EXPIRATORY TIME CONSTANTS BY ELECTRICAL IMPEDANCE TOMOGRAPHY IN HYPOXEMIC AND HYPERCAPNIC ACUTE LUNG FAILURE - A FEASIBILITY STUDY**

Abstract Presenter: Péter L. Róka (Budapest, Hungary)

### **EFFECT OF PEEP ON ESOPHAGEAL CATHETER OPTIMAL CALIBRATION VOLUME AND ESOPHAGEAL PRESSURE MEASUREMENTS**

Abstract Presenter: Federico Magni (Monza, Italy)

### **MONITORING DIAPHRAGM ACTIVITY AND NEUROMECHANICAL EFFICIENCY DURING ACUTE RESPIRATORY FAILURE: FEASIBILITY AND PRELIMINARY FINDINGS**

Abstract Presenter: Ewan C. Goligher (Toronto, Canada)

### **DEVELOPMENT OF A PREDICTIVE MODEL FOR FAILED EXTUBATION IN PATIENTS WITH MECHANICAL VENTILATION**

Abstract Presenter: Fabian Jaimes (Medellin, Colombia)

### **ASSESSMENT OF DIAPHRAGMATIC FUNCTION PARAMETERS BY INTENSIVE CARE ULTRASOUND COMPARED TO CONVENTIONAL PARAMETERS DURING SPONTANEOUS BREATHING TRIAL**

Abstract Presenter: Pongdhep Theerawit (Bangkok, Thailand)

### **VALIDATION OF THE LEAST SQUARES FITTING METHOD (LSF) DURING NAVA AND PSV VENTILATION**

Abstract Presenter: Francesca Dalla Corte (Ferrara, Italy)

### **RELATIONSHIP BETWEEN NT-PROBNP AND EXTRAVASCULAR LUNG WATER IN ARDS**

Abstract Presenter: Sergey A. Komarov (Arkhangelsk, Russian Federation)

### **RADIOLOGICAL SIGNS OF PULMONARY CONGESTION DO NOT PREDICT FAILED SPONTANEOUS BREATHING TRIAL**

Abstract Presenter: Ana Carolina P. Antonio (Porto Alegre, Brazil)

### **A CASE SERIES OF A PAV+ WEANING PROTOCOL IN AN ACUTE CARE ENVIRONMENT DEMONSTRATING AN ABSENCE OF WEANING FAILURE**

Abstract Presenter: Elizabeth Rohrs (New Westminster, Canada)

Poster Corner  
10:10 - 12:00

Poster Corner

## **ARTIFICIAL AIRWAYS AND COMPLICATIONS**

Chair: Paolo Pelosi (Genova, Italy)  
Chair: Stefan Kluge (Hamburg, Germany)

## Scientific Programme

**ACHIEVING RECOMMENDED ENDOTRACHEAL TUBE INTRACUFF PRESSURE: A RANDOMIZED CONTROL STUDY COMPARING LOSS OF RESISTANCE SYRINGE TO PILOT BALLOON PALPATION (THE LOR-ICP TRIAL, NCT02294422)**

Abstract Presenter: Fred Bulamba (Kampala, Uganda)

**TRACHEOSTOMY PRACTICE IN A UK DGH: ARE WE MOVING WITH THE TIMES?**

Abstract Presenter: Frederick Donaldson (Llantrisant, United Kingdom)

**OUTCOMES OF CRITICAL PATIENTS WITH TRACHEOSTOMY: PROPOSAL OF A DECANNULATION PROTOCOL**

Abstract Presenter: Cátia Duro (Faro, Portugal)

**HIGH FLOW NASAL CANNULA OXYGEN VS. BAG-VALVE-MASK FOR PREOXYGENATION BEFORE INTUBATION IN PATIENTS WITH HYPOXEMIC RESPIRATORY FAILURE - A PROSPECTIVE RANDOMIZED TRIAL**

Abstract Presenter: Marcel Simon (Hamburg, Germany)

**IMPROVING CIAGLIA BLUE RHINO TECHNIQUE FOR TRACHEOSTOMY WITH A SIMPLE PROCEDURAL MODIFICATION**

Abstract Presenter: Francesco Imperatore (Naples, Italy)

**USE OF SPEAKING VALVE ON PREVENTING RESPIRATORY INFECTIONS, IN CRITICAL TRAQUEOSTOMIZED PATIENTS DIAGNOSED OF DYSPHAGIA SECONDARY TO ARTIFICIAL AIRWAY. EDISVAL STUDY**

Abstract Presenter: Alberto Fernández Carmona (Granada, Spain)

**USE OF ULTRASONOGRAPHY IN CONFIRMATION OF ENDOTRACHEAL TUBE POSITION**

Abstract Presenter: Amr Abdalla (Alexandria, Egypt)

**INTRODUCTION OF THE UNPLANNED EXTUBATIONS BUNDLE IN A TERTIARY CARDIOTHORACIC CRITICAL CARE UNIT: DOES IT MAKE ANY DIFFERENCE?**

Abstract Presenter: Sandra Gelvez-Zapata (Cambridge, United Kingdom)

**ANALYSIS OF A COHORT OF PATIENTS WITH INDICATION OF TRACHEOSTOMY IN INTENSIVE CARE MEDICINE**

Abstract Presenter: Ester Martínez Barrio (Burgos, Spain)

**ENDOTRACHEAL INTUBATION IN INTENSIVE CARE UNIT: A PROSPECTIVE STUDY OF CLINICAL PRACTICE AND ADVERSE EVENTS**

Abstract Presenter: Saroj Kumar Pattnaik (Bhubaneswar, India)

**VENTILATOR ASSOCIATED COMPLICATIONS: OBSERVING IMPLICATIONS OF A NEW SURVEILLANCE PARADIGM**

Abstract Presenter: Niles Parekh (Birmingham, United Kingdom)

**A COMPARISON IN TRACHEOSTOMY WEANING AND COMPLICATIONS RATE BETWEEN NEURO CRITICAL CARE PATIENTS AND GENERAL CRITICAL CARE PATIENTS**

Abstract Presenter: Maria Colomo (Romford, United Kingdom)

**A RETROSPECTIVE ANALYSIS OF EARLY VS LATE TRACHEOSTOMY IN ICU PATIENTS: COMPARISON OF SEVERITY, LENGTH OF STAY AND OUTCOME**

Abstract Presenter: George Minas (Nicosia, Cyprus)

## Scientific Programme

Poster Corner  
10:10 - 12:00

Poster Corner

### POST-CARDIAC SURGERY

Chair: Thomas Scheeren (Groningen, Netherlands)  
Chair: Stephen Shepherd (London, United Kingdom)

#### **KINETICS OF HIGH SENSITIVE TROPONIN T (HSTNT) AFTER CARDIAC SURGERY**

Abstract Presenter: Suraj Sudarsanan (Doha, Qatar)

#### **DISAPPOINTING SUCCESS OF ELECTRICAL CARDIOVERSION FOR NEW-ONSET ATRIAL FIBRILLATION IN CARDIOSURGICAL ICU PATIENTS**

Abstract Presenter: Alain Rudiger (Zurich, Switzerland)

#### **HOSPITAL COSTS OF EXTRACORPOREAL LIFE SUPPORT THERAPY**

Abstract Presenter: Walter M. van den Bergh (Groningen, Netherlands)

#### **RELATIONSHIP BETWEEN PREOPERATIVE STATINS USE AND ATRIAL FIBRILLATION (AF) AFTER CARDIAC SURGERY. ANALYSIS WITH A PROPENSITY SCORE**

Abstract Presenter: Maria Dolores Arias-Verdu (Malaga, Spain)

#### **THE CARDIOVASCULAR EFFECTS OF HYPEROXIA DURING AND AFTER CABG SURGERY**

Abstract Presenter: Bob Smit (Amsterdam, Netherlands)

#### **CEREBRAL AND SOMATIC OXYGEN SATURATION IN PEDIATRIC CARDIAC PATIENTS WITH DELAYED STERNAL CLOSURE**

Abstract Presenter: Lubica Kovacikova (Bratislava, Slovakia)

#### **THE TACTICS OF RESPIRATORY THERAPY AFTER PALLIATIVE ANASTOMOSIS FALLOT'S TETRALOGY PATIENTS WITH HYPERVOLEMIA LESSER CIRCULATION DURING INTENSIVE MANAGEMENT**

Abstract Presenter: R.A. Ibadov (Tashkent, Uzbekistan)

#### **HIGH-SENSITIVE CARDIAC TROPONINS IN PATIENTS UNDERGOING CARDIAC SURGERY: FRIEND OR FOE?**

Abstract Presenter: Anouk Wittock (Aalst, Belgium)

#### **EFFECTS OF HYPERTONIC SALINE (7.5%) ON LACTATE CLEARANCE COMPARED WITH NORMAL SALINE (0.9%) AFTER ON PUMP CARDIOVASCULAR SURGERY. A RANDOMIZED CONTROLLED TRIAL**

Abstract Presenter: Luis Horacio Atehortua Lopez (Medellin, Colombia)

#### **IMPACT OF PERIPROCEDURAL MYOCARDIAL NECROSIS ON SHORT TERM CLINICAL OUTCOME**

Abstract Presenter: Mohamed Hamdi (Cairo, Egypt)

#### **DEVELOPMENT AND VALIDATION OF A MULTIVARIABLE PREDICTION MODEL FOR MEDIASTINITIS POSTSTERNOTOMY**

Abstract Presenter: Mercedes Nieto (Madrid, Spain)

#### **THE OUTSIDE CONTROL OF SUBCLAVIAN-PULMONARY ANASTOMOSIS IN POSTOPERATIVE PERIOD FALLOT'S TETRALOGY PATIENTS**

Abstract Presenter: R.A. Ibadov (Tashkent, Uzbekistan)

#### **EFFECTS OF MGC-0109, A SLOW-RELEASE SULPHIDE DONOR, ON MYOCARDIAL ISCHAEMIA/REPERFUSION INJURY**

Abstract Presenter: Alex Dyson (London, United Kingdom)

## Scientific Programme

### **VARIABLES ASSOCIATED WITH PACEMAKER IMPLANTATION IN POSTOPERATIVE PATIENTS OF CARDIAC SURGERY IN A UNIVERSITY HOSPITAL**

Abstract Presenter: Fabian Jaimes (Medellin, Colombia)

Poster Corner  
10:10 - 12:00

Poster Corner

## **EDUCATION & TRAINING IN THE ICU**

Chair: Bernardo Bollen Pinto (Geneva, Switzerland)  
Chair: Bertrand Guidet (Paris, France)

### **USEFULNESS OF A MOBILE APPLICATION IN UNDERGRADUATE CRITICAL CARE TEACHING**

Abstract Presenter: Czarina Leung (Hong Kong, Hong Kong, China)

### **A QUALITY IMPROVEMENT COMPARATIVE AUDIT ON THE IMPACT OF COMPETENCY BASED BASIC INTENSIVE CARE MEDICINE (ICM) TRAINING ON THE CONFIDENCE LEVELS OF MEDICAL SENIOR HOUSE OFFICERS & REGISTRARS DEALING WITH INTENSIVE CARE PROCEDURES IN ACUTELY ILL PATIENTS**

Abstract Presenter: Vikas Gulia (Birmingham, United Kingdom)

### **INTENSIVE CARE MEDICINE IN EUROPE: THE STATE OF THE TRAINING ART**

Abstract Presenter: Committee Next (Brussels, Belgium)

### **EVALUATION OF MULTIDISCIPLINARY SIMULATION-BASED TEAM TRAINING: THE WAY FORWARD FOR TRAINING ICU TEAMS**

Abstract Presenter: Urs Pietsch (St Gallen, Switzerland)

### **LEARNING ORGANISATION SURVEY - AN ASSESSMENT OF PERCEPTIONS TOWARDS ORGANISATIONAL LEARNING**

Abstract Presenter: Suhas Kumar (Norwich, United Kingdom)

### **INTRODUCTION OF WEEKLY MULTIDISCIPLINARY TEAM MEETINGS IN A TERTIARY CARDIOTHORACIC CRITICAL CARE UNIT: EVALUATION OF STAFF SATISFACTION AND IMPACT ON CLINICAL OUTCOMES**

Abstract Presenter: Sandra Gelvez-Zapata (Cambridge, United Kingdom)

### **DETERMINANTS OF DOWNLOADS AND CITATIONS FOR ARTICLES PUBLISHED IN INTENSIVE CARE MEDICINE**

Abstract Presenter: Jean-François Timsit (Paris, France)

### **BASELINE OBSERVATION OF PERFORMANCE AND INTER-PROFESSIONAL UTILISATION OF INSTITUTIONAL HOSPITAL ELECTRONIC TECHNOLOGIES TO ACCESS AND COMMUNICATE KEY CLINICAL INFORMATION IN A CENTRAL LONDON TEACHING HOSPITAL CRITICAL CARE UNIT**

Abstract Presenter: Philip A. Hopkins (London, United Kingdom)

### **TRAINEE LED INTENSIVE CARE UNIT INDUCTION - AN EDUCATIONAL AND QUALITY IMPROVEMENT PROJECT**

Abstract Presenter: Julian D. Wijesuriya (London, United Kingdom)

### **THE FOREIGN SOCRATIC INTENSIVE CARE MEDICINE CURRICULA**

Abstract Presenter: Committee Next (Brussels, Belgium)

### **INFLUENCE OF WIKIPEDIA AND OTHER WEB RESOURCES ON ACUTE AND CRITICAL CARE DECISIONS. A WEB-BASED SURVEY**

Abstract Presenter: Bernhard Rössler (Vienna, Austria)

## Scientific Programme

### **PIVOTAL ROLE OF INTENSIVIST DESPITE LOW STAFFING**

Abstract Presenter: Ahmed Mujadid Burki (Peshawar, Pakistan)

### **USE OF VIDEO TECHNOLOGY FOR TEACHING IN INTENSIVE CARE**

Abstract Presenter: Iain Carroll (London, United Kingdom)

Poster Corner  
10:10 - 12:00

Poster Corner

## **OUTCOME AFTER INTENSIVE CARE 4**

Chair: Marco Maggiorini (Zurich, Switzerland)  
Chair: Andreas Valentin (Schwarzach, Austria)

### **CORRELATION ANALYSIS OF NURSING OUTCOMES CLASSIFICATION (NOC) TO DIAGNOSIS RELATED GROUPS (DRG) IN CRITICALLY ILL PATIENTS (CIP)**

Abstract Presenter: Javier Ruiz Moreno (Barcelona, Spain)

### **TRENDS OF VASOPRESSOR USING IN MEDICAL INTENSIVE CARE UNIT: A 7-YEAR COHORT STUDY**

Abstract Presenter: Narat Srivali (Rochester, United States)

### **THE RELATIONSHIP BETWEEN OUT-OF-HOURS ADMISSION TO ICU AND PATIENT OUTCOME**

Abstract Presenter: Aman Gupta (Redhill, United Kingdom)

### **CORRELATION BETWEEN FFP TRANSFUSION AND ACTUAL MORTALITY RATE IN ICU PATIENTS**

Abstract Presenter: Aristidis Vakalos (Xanthi, Greece)

### **MEASURING ANXIETY & DEPRESSION IN THE POST CRITICAL CARE POPULATION - COMPARISON OF THE HOSPITAL ANXIETY AND DEPRESSION SCALE AND INTENSIVE CARE PSYCHOLOGICAL ASSESSMENT TOOL**

Abstract Presenter: Natalie Mason (Manchester, United Kingdom)

### **OUTCOME AT HOSPITAL DISCHARGE OF PATIENTS ADMITTED TO THE ICU. ANALYSIS OF A PROSPECTIVE COHORTS FROM A POLYVALENT ICU IN AN UNIVERSITY HOSPITAL**

Abstract Presenter: Dolores Arias-Verdú (Malaga, Spain)

### **GENDER INFLUENCE ON MORTALITY AND OUTCOME OF SEVERE SEPSIS PATIENTS IN INTENSIVE CARE UNIT**

Abstract Presenter: Caroline Wullur (Bandung, Indonesia)

### **SATS CAN BE USED FOR MORTALITY PREDICTION**

Abstract Presenter: Jacques Massaut (Bruxelles, Belgium)

### **CAREGIVING BURDEN: THE IMPACT OF POST INTENSIVE CARE SYNDROME**

Abstract Presenter: Joana Torres (Matosinhos, Portugal)

### **ASSESSMENT OF MORTALITY POST-ICU ASSOCIATED TO THE INTENSIVE CARE UNIT LENGTH OF STAY**

Abstract Presenter: Fabián Gómez Triana (Zamora, Spain)

### **EARLY PROGNOSTIC SCORE FOR NEUROLOGICAL OUTCOME AT 6 MONTHS AFTER CARDIAC ARREST TREATED WITH HYPOTHERMIA**

Abstract Presenter: Elia Graziani (Ravenna, Italy)

## Scientific Programme

### **INFERIOR VENA CAVA FILTERS IN THE INTENSIVE CARE UNIT POPULATION: SINGLE CENTER EXPERIENCE IN THE UNITED ARAB EMIRATES**

Abstract Presenter: Anas S. Beshyah (Abu Dhabi, United Arab Emirates)

### **ICU PATIENT'S BODY MASS INDEX AND THE CRITICAL CARE OUTCOME: MORBIDITY AND MORTALITY**

Abstract Presenter: Luis A. Gorordo-Delsol (Distrito Federal, Mexico)

Poster Corner  
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Poster Corner

## **ORGAN DONATION**

Chair: Hanne Jensen (Vejle, Denmark)  
Chair: J. Randall Curtis (Seattle, United States)

### **EFFECTS OF DIAPHRAGMATIC PARESIS FOLLOWING LUNG TRANSPLANTATION**

Abstract Presenter: Sergio Ramirez-Estrada (Barcelona, Spain)

### **A NEW BEDSIDE PREDICTION RULE TO ASSESS LIVER ALLOGRAFTS VIABILITY IN ICU ADMITTED DONORS**

Abstract Presenter: Carmen Rosa Hernández Socorro (Las Palmas Gran Canaria, Spain)

### **CHANGES IN ORGAN DONATIONS AFTER THE IMPLEMENTATION OF A CONTROLLED CARDIAC DEATH (MAASTRICHT TYPE III) DONATION PROTOCOL**

Abstract Presenter: Sara Alcantara Carmona (Majadahonda, Spain)

### **BRAIN DEATH AND POTENTIAL ORGAN DONORS IN NEUROCRITICAL CARE MORTALITY**

Abstract Presenter: Vera Spatenkova (Liberec, Czech Republic)

### **LATE ICU ADMISSION IN LIVER TRANSPLANT RECIPIENTS: TEN YEARS EXPERIENCE**

Abstract Presenter: Ender Gedik (Ankara, Turkey)

### **PROTECTIVE VENTILATION AND NEGATIVE FLUID BALANCE STRATEGY IN POTENTIAL MULTI-ORGAN DONOR PATIENTS**

Abstract Presenter: Alberto Fernández Carmona (Granada, Spain)

### **ELECTIVE VENTILATION AS AN IMPROVEMENT MEASURE IN ORGAN AND TISSUE DONATION PROCESS**

Abstract Presenter: Fernando Segura (Málaga, Spain)

### **OUTCOME OF LIVING KIDNEY DONORS ACCORDING TO NATIONAL DATA OF TURKISH ORGAN AND TISSUE INFORMATION SYSTEM**

Abstract Presenter: Arif Kapuağası (Ankara, Turkey)

### **RESULTS OF THE CADAVERIC KIDNEY TRANSPLANTATIONS ACCORDING TO NATIONAL DATA OF TURKISH ORGAN AND TISSUE INFORMATION SYSTEM**

Abstract Presenter: Çetin Kaymak (Ankara, Turkey)

### **DONATION INTERVIEW BEFORE TO BRAIN DEATH**

Abstract Presenter: Alberto Fernández Carmona (Granada, Spain)

### **ACUTE RESPIRATORY FAILURE IN RENAL TRANSPLANT RECIPIENTS: A SINGLE ICU EXPERIENCE**

Abstract Presenter: Aydin Ulas (Ankara, Turkey)



## Scientific Programme

### **PERCUTANEOUS DILATIONAL TRACHEOTOMY IN LIVER TRANSPLANT RECIPIENTS**

Abstract Presenter: Ender Gedik (Ankara, Turkey)

### **VENOARTERIAL ECMO AS BRIDGE TO HEART TRANSPLANTATION. A GOOD CHANCE**

Abstract Presenter: Ruben Viejo Moreno (Madrid, Spain)

### **OPTIMIZING TISSUE DONATION IN CRITICAL CARE AND EMERGENCY DEPARTMENT AT A UNIVERSITY HOSPITAL**

Abstract Presenter: Domingo Daga Ruiz (Malaga, Spain)

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Poster Corner

## **WEAKNESS AND ORGAN DYSFUNCTION**

Chair: Kenneth B. Christopher (Boston, United States)  
Chair: Steffen Weber-Carstens (Berlin, Germany)

### **PREDICTION OF MAJOR BLEEDING IN CIRRHOTIC ICU PATIENTS USING THE DIC SCORE AND COAGULATION PARAMETERS**

Abstract Presenter: Andreas Drolz (Hamburg, Germany)

### **A MORTALITY PREDICTION MODEL FOR CRITICALLY ILL PATIENTS WITH ACUTE ON CHRONIC LIVER FAILURE**

Abstract Presenter: Mario Dalorzo (Madrid, Spain)

### **PROGNOSTIC IMPACT OF ICG-PDR IN PATIENTS WITH HYPOXIC HEPATITIS AT THE INTENSIVE CARE UNIT**

Abstract Presenter: Thomas Horvatits (Hamburg, Germany)

### **CHLORIDE ADMINISTRATION IN THE INTENSIVE CARE UNIT, AN INDEPENDENT PREDICTOR OF MORTALITY**

Abstract Presenter: Sander Smolders (Amsterdam, Netherlands)

### **EFFECT OF 5-AMINOLAEVULENIC ACID ON POSTOPERATIVE LACTATE LEVELS IN PATIENTS UNDERGOING SURGERY FOR MALIGNANT BRAIN TUMOURS**

Abstract Presenter: Gerben Baake (Groningen, Netherlands)

### **FIBROBLAST GROWTH FACTOR 21 RESPONSE TO CRITICAL ILLNESS: EFFECT OF BLOOD GLUCOSE CONTROL AND RELATION WITH MITOCHONDRIAL DYSFUNCTION, THE INTEGRATED STRESS RESPONSE AND SURVIVAL**

Abstract Presenter: Steven Thiessen (Leuven, Belgium)

### **SEPSIS RESULTS IN EARLY CHOLESTEROL AND STEROIDOGENESIS PATHWAY ALTERATIONS**

Abstract Presenter: Waqas Khaliq (London, United Kingdom)

### **IRON DEFICIENCY, INDEPENDENTLY OF ANAEMIA, IS ASSOCIATED WITH DECREASED CARDIAC SYSTOLIC FUNCTION AND ALTERATION OF MYOCARDIAL MITOCHONDRIAL METABOLISM IN A MOUSE MODEL**

Abstract Presenter: Thomas Gaillard (Angers, France)

### **COMPARISON OF MACROSCOPIC ABNORMALITIES IN PATIENTS RECEIVING ROUTINE PANTOPRAZOLE WHEN COMPARED TO PLACEBO**

Abstract Presenter: Matthew J. Summers (Adelaide, Australia)

## Scientific Programme

Poster Corner  
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Poster Corner

### NEUROINTENSIVE CARE

Chair: Luciana Mascia (Turin, Italy)  
Chair: Geert Meyfroidt (Leuven, Belgium)

#### **HEMATOMA VOLUME AND OTHER PROGNOSTIC FACTORS WITH MORTALITY IN SPONTANEOUS INTRACEREBRAL HEMORRHAGE**

Abstract Presenter: Huerta Bravo Rotzel (Valencia, Spain)

#### **INTRACEREBRAL HEMORRHAGE IN CRITICALLY ILL PATIENTS ADMITTED IN A GENERAL ICU OF A HOSPITAL WITHOUT NEUROSURGICAL SERVICE**

Abstract Presenter: Angel Estella (Jerez de la Frontera, Spain)

#### **PROGNOSTIC FACTORS OF 30-DAYS MORTALITY IN PRIMARY INTRACEREBRAL HEMORRHAGE**

Abstract Presenter: Syragoula Tsikriki (Volos, Greece)

#### **NUTRITION SUPPORT PRACTICES IN CRITICALLY ILL HEAD INJURED PATIENTS: A GLOBAL PERSPECTIVE**

Abstract Presenter: Leeanne Costello (Adelaide, Australia)

#### **FACTORS ASSOCIATED WITH MORTALITY AND FUNCTIONAL STATUS AMONG NEUROCRITICAL CARE ADULT PATIENTS: A PROSPECTIVE COHORT STUDY**

Abstract Presenter: Laura Madeira (Porto Alegre, Brazil)

#### **THE UTILITY OF ROUTINE EEG IN A GENERAL ICU**

Abstract Presenter: Ivi Rodini (Thessaloniki, Greece)

#### **BRAIN DEATH IN A NEUROLOGIC INTENSIVE CARE UNIT IN TURKEY**

Abstract Presenter: Türkay Akbaş (Istanbul, Turkey)

#### **COMPARISON OF CLONIDINE AND DEXMEDETOMIDIN INFLUENCE ON THE MAIN INDICATORS OF HEMODYNAMIC DURING INDUCTION OF ANESTHESIA IN NEUROONCOLOGICAL PATIENTS**

Abstract Presenter: Ruslan Nazarov (St-Petersburg, Russian Federation)

#### **EFFECT OF AN EARLY NEUROCOGNITIVE REHABILITATION ON AUTONOMIC NERVOUS SYSTEM IN CRITICALLY ILL PATIENTS**

Abstract Presenter: Marc Turon (Sabadell, Spain)

#### **CONSCIOUS SEDATION IN NON COMATOSE PATIENTS SUBMITTED TO INTRA - ARTERIAL THROMBOLYSIS: OUR EXPERIENCE**

Abstract Presenter: Yvonne Valzani (Modena, Italy)

#### **IMMEDIATE EFFECT OF LUNG EXPANSION TECHNIQUES IN NEUROSURGERY PATIENTS DETECTED BY ELECTRICAL IMPEDANCE TOMOGRAPHY: A RANDOMIZED CROSSOVER STUDY**

Abstract Presenter: Caio César Araújo Morais (Recife, Brazil)

#### **COMPARATIVE STUDY MEASURING OPTIC NERVE SHEATH DIAMETER BY TRANSORBITAL ULTRASOUND IN HEALTHY WOMEN, PREGNANT WOMEN AND PREGNANT WITH PREECLAMPSIA / ECLAMPSIA**

Abstract Presenter: Joel Ortega (Culiacan, Mexico)

#### **PREDISPOSING FACTORS, NEUROLOGICAL COMPLICATIONS AND SEQUELS OF GUILLAIN BARRE SYNDROME AT DISCHARGE: EXPERIENCE IN AN ICU OF A THIRD LEVEL HOSPITAL**

Abstract Presenter: Esther Portugal Rodríguez (Burgos, Spain)

## Scientific Programme

### **EARLY NEUROCOGNITIVE REHABILITATION IN CRITICALLY ILL PATIENTS DURING ICU STAY: A SAFETY STUDY**

Abstract Presenter: Sol Fernandez-Gonzalo (Sabadell, Spain)

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Poster Corner

## **PROGNOSIS IN SEPSIS**

Chair: Margaret Herridge (Toronto, Canada)  
Chair: Dominique Benoit (Ghent, Belgium)

### **INVESTIGATE THE RELATION OF PROCALCITONIN AND PROGNOSIS IN SEVERE SEPTIC PATIENTS IN SICU**

Abstract Presenter: Shunwei Huang (Guangzhou, China)

### **MEAN PLATELET VOLUME AS A MARKER OF SEPSIS IN PATIENTS ADMITTED TO INTENSIVE THERAPY**

Abstract Presenter: Armando Sanchez-Calzada (Mexico, Mexico)

### **EVALUATION OF CHRONIC STATIN TREATMENT ON SEPSIS OUTCOME IN I.C.U**

Abstract Presenter: Hatem Amin Attalla Youssef (Menoufia, Egypt)

### **SERUM AND ALVEOLAR IGA AND IGG2 LEVELS MAY HELP TO PREDICT VENTILATOR-ASSOCIATED PNEUMONIA OUTCOME**

Abstract Presenter: Alejandro Cortes (Valencia, Spain)

### **THE EFFECTS OF SERUM TC, HDL, APOA-I LEVELS ON THE PROGNOSIS OF SEPSIS PATIENTS**

Abstract Presenter: Chang Jie Cai (Guangzhou, China)

### **THE PREVALENCE OF RETINAL LESIONS IN SEPTIC ICU PATIENTS - A CROSS-SECTIONAL, OBSERVATIONAL STUDY**

Abstract Presenter: Gunjan Chanchalani (Delhi, India)

### **UNDERWEIGHT IS ASSOCIATED WITH MORTALITY IN PATIENTS WITH SEVERE SEPSIS AND SEPTIC SHOCK**

Abstract Presenter: Sang Min Lee (Seongnam, Korea, Republic of)

### **SEPTIC SHOCK AND THE USE OF NOREPINEPHRINE IN A HIGH DEPENDENCY UNIT - MORTALITY AND ADVERSE EVENTS**

Abstract Presenter: Mikael Hallengren (Stockholm, Sweden)

### **THE EFFECTS OF ULINASTATIN IN MULTIPLE ORGAN FAILURE: A RETROSPECTIVE OBSERVATIONAL STUDY IN A SINGLE CENTER ICU**

Abstract Presenter: Masatoshi Uchida (Shimotsuga-gun Mibu-machi, Japan)

### **LONG-TERM MORTALITY OF PATIENTS WITH SEPSIS IS WORSE THAN THAT OF NON-SEPTIC**

Abstract Presenter: Gilberto Friedman (Porto Alegre, Brazil)

### **PHARMACOKINETIC/PHARMACODYNAMIC ANALYSIS OF LINEZOLID IN CRITICALLY ILL PATIENTS WITH SEVERE SEPSIS TREATED WITH RENAL REPLACEMENT THERAPY**

Abstract Presenter: Helena Barrasa González (Vitoria, Spain)

## Scientific Programme

Poster Corner  
10:10 - 12:00

Poster Corner

### BACTEREMIA AND CATHETER RELATED INFECTIONS

Chair: Christian Brun-Buisson (Créteil, France)  
Chair: Ricard Ferrer Roca (Barcelona, Spain)

**IN SEPSIS, 88% OF BACTERAEMIA PATIENTS ARE DISCRIMINATED BY UNSUPERVISED HIERARCHICAL CLUSTER ANALYSIS OF 5 INFLAMMATORY MEDIATORS**

Abstract Presenter: Knut Anders Mosevoll (Bergen, Norway)

**INCIDENCE OF PATHOGEN DETECTION IN BLOOD CULTURES OF SEVERE SEPSIS AND SEPTIC SHOCK PATIENTS IS HIGHER, IF BLOOD CULTURES WERE DRAWN BEFORE ANTI-INFECTION THERAPY**

Abstract Presenter: Christian Samule Scheer (Greifswald, Germany)

**STATISTICAL STUDY OF BACTEREMIA SECONDARY TO CATHETER (BSC) IN OUR INTENSIVE CARE UNIT (ICU). BACTEREMIA ZERO (BZ) PROGRAM IMPLEMENTATION**

Abstract Presenter: Rosario Fernández Fernández (Granada, Spain)

**MULTIPLEX PCR TO DIAGNOSE BLOODSTREAM INFECTIONS IN PATIENTS AFTER CARDIOTHORACIC SURGERY**

Abstract Presenter: Kevin Pilarczyk (Essen, Germany)

**PRIMARY AND SECONDARY BACTEREMIA CAUSED BY MDR BACTERIA IN ICU PATIENTS**

Abstract Presenter: Evanthia Pappa (Athens, Greece)

**IS IT POSSIBLE TO LOWER THE INCIDENCE OF CENTRAL VENOUS CATHETER INFECTIONS IN POOR COUNTRIES?**

Abstract Presenter: Aleksandra Jukic (Belgrade, Serbia)

**CENTRAL VENOUS CATHETER-RELATED BLOODSTREAM INFECTION - PREVENTION, RECORDS AND AUDITING**

Abstract Presenter: Ana Verónica Varela (Faro, Portugal)

**RISK FACTORS FOR MORTALITY AND MULTIRESTANT BACTERIA IN BLOODSTREAM INFECTIONS ACQUIRED IN A PRIVATE HOSPITAL INTENSIVE CARE UNIT**

Abstract Presenter: Jose Maria Bonell Goytisolo (Palma de Mallorca, Spain)

**PRIMARY BACTERIEMIA AND CATHETER RELATED BLOODSTREAM INFECTION IN PATIENTS ADMITTED TO ICU. RISK FACTORS ASSOCIATED WITH MORTALITY. ENVIN-HELICS REGISTRY DATA**

Abstract Presenter: Xavier Nuvials (Lleida, Spain)

**BEHAVIOURAL INFLUENCES OF CRITICAL CARE PHYSICIANS AND NURSES INTENTION TO IMPLEMENT PREVENTIVE EVIDENCE- BASED MEASURES TOWARDS CENTRAL LINE ASSOCIATED BLOOD STREAM INFECTIONS (CLABSIS)**

Abstract Presenter: Katerina Iliopoulou (London, United Kingdom)

**ANALYSIS OF THE USE OF CENTRAL VENOUS CATHETERS, MORTALITY AND CATHETER-RELATED BLOODSTREAM INFECTIONS IN PATIENTS ADMITTED TO THE ICU AND AFTER DISCHARGE TO WARD**

Abstract Presenter: Cristina Martín (Guadalajara, Spain)

**STATISTICAL STUDY OF FOUR YEARS OF URINARY INFECTIONS (UTI) RELATED TO URETHRAL CATHETER IN OUR INTENSIVE CARE UNIT (ICU)**

Abstract Presenter: Rosario Fernández Fernández (Granada, Spain)

## Scientific Programme

### **SUCCESS OF A URINARY CATHETER INSERTION TEAM IN REDUCING URINARY INFECTIONS IN INTENSIVE CARE UNIT**

Abstract Presenter: Dejanira Aparecida Regagnin (São Paulo, Brazil)

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Poster Corner

## **NOSOCOMIAL INFECTION & PREVENTION**

Chair: Jean-Ralph Zahar (Angers, France)

Chair: Manuel Eduardo Mendoza Ruano (Las Palmas de Gran Canaria, Spain)

### **THREE YEARS APPLICATION OF SELECTIVE DIGESTIVE DECONTAMINATION IN A MIXED INTENSIVE CARE UNIT IN A UNIVERSITY HOSPITAL: IMPACT ON COLONIZATION, INFECTION AND ANTIBIOTIC CONSUMPTION**

Abstract Presenter: Catalina Sánchez Ramirez (Las Palmas de Gran Canaria, Spain)

### **INCIDENCE OF BURNS INFECTIONS: INTEREST OF A PROTOCOL FOR TOILET AND DRESSING (OBSERVATIONAL STUDY BEFORE / AFTER)**

Abstract Presenter: Sandrine Wiramus (Marseille, France)

### **CLINICAL CHARACTERISTICS, OUTCOMES AND RISK FACTORS OF CANDIDIAL INFECTIONS WITH CRITICALLY ILL PATIENTS IN RESPIRATORY INTENSIVE CARE UNIT IN TURKEY**

Abstract Presenter: Kürşat Uzun (Konya, Turkey)

### **COMPARISON OF CD64 LEVELS PERFORMED BY THE FACS AND ACCELLIX SYSTEMS**

Abstract Presenter: Charles Sprung (Jerusalem, Israel)

### **DIAGNOSIS OF INFECTION UTILIZING ACCELLIX CD64**

Abstract Presenter: Charles Sprung (Jerusalem, Israel)

### **PATIENTS COLONIZATION AND INFECTION IN WARDS AFTER DISCHARGE FROM A POLYVALENT INTENSIVE CARE UNIT WITH SELECTIVE DIGESTIVE DECONTAMINATION: PRELIMINARY RESULTS**

Abstract Presenter: Catalina Sánchez Ramirez (Las Palmas de Gran Canaria, Spain)

### **IMPACT OF A PREVENTION EDUCATIONAL PROGRAM OF CENTRAL LINE- ASSOCIATED BLOODSTREAM INFECTION IN A POLYVALENT ICU**

Abstract Presenter: Laura Navarro Guillamón (Granada, Spain)

### **IMMUNOPARALYSIS IN CRITICAL ILL PATIENTS AND ITS ASSOCIATION TO NOSOCOMIAL AND OPPORTUNIST INFECTIONS. A PRELIMINARY STUDY**

Abstract Presenter: Pablo Geffner (Valencia, Spain)

### **ANALYSIS OF THE EFFECTIVENESS OF A NEW SYSTEM OF AUTOMATIC SPRAY HANDS IN ICU**

Abstract Presenter: Jesus Canovas (Murcia, Spain)

### **THE EFFECTS OF THE NEW CONFIGURATIONS TO INVASIVE DEVICE ASSOCIATED INFECTIONS IN OUR INTENSIVE CARE UNIT**

Abstract Presenter: Alper Yosunkaya (Konya, Turkey)

### **URINARY TRACT INFECTION ASSOCIATED WITH INDWELLING CATHETERS IN A INTENSIVE CARE UNIT: A PREVENTIVE APPROACH**

Abstract Presenter: Myria R. Silva (Ilhéus, Brazil)

## Scientific Programme

### **IS UNIVERSAL ANTIFUNGAL PROPHYLAXIS MANDATORY IN ADULTS AFTER LUNG TRANSPLANTATION? A METAANALYSIS OF OBSERVATIONAL STUDIES**

Abstract Presenter: Kevin Pilarczyk (Essen, Germany)

### **MICROBIOLOGICAL STUDY OF VENTILATOR-ASSOCIATED PNEUMONIA (VAP) AFTER IMPLANTATION OF PNEUMONIA PROGRAM ZERO (NZ)**

Abstract Presenter: Rosario Fernández Fernández (Granada, Spain)

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Poster Corner

## **ADVANCES IN N&AHP PRACTICE 2**

Chair: Dani Martí Romeu (Barcelona, Spain)  
Chair: Anne-Sophie Debue (Paris, France)

### **RECORDING OF PATIENT WEIGHT IN THE INTENSIVE CARE UNIT: A SURVEY OF CURRENT PRACTICE**

Abstract Presenter: Sarah Birkholzer (Portsmouth, United Kingdom)

### **NURSE DELIVERED FOCUSED ECHOCARDIOGRAPHY TO DETERMINE INTRAVASCULAR VOLUME STATUS IN A DEPLOYED MARITIME CRITICAL CARE UNIT**

Abstract Presenter: Sam D. Hutchings (Salisbury, United Kingdom)

### **INTERNATIONAL NURSING ADVANCED COMPETENCY-BASED TRAINING FOR INTENSIVE CARE: A EUROPE-WIDE SURVEY**

Abstract Presenter: Melissa J. Bloomer (Frankston, Australia)

### **PERISTALTIC INFUSION OF RED BLOOD CELLS: ANALYSIS OF HEMOLYSIS RATIO, PLASMA HEMOGLOBIN AND POTASSIUM LEVELS**

Abstract Presenter: Mavilde Pedreira (São Paulo, Brazil)

### **ASSESSMENT OF THE VIEWS OF INTENSIVE CARE NURSES ABOUT THE EFFECT OF PATIENT VISITING HOURS ON PATIENTS AND NURSING CARE**

Abstract Presenter: Hatice Sütçü Çiçek (Etlik, Turkey)

### **COMMUNICATION NEEDS OF CARDIAC SURGERY PATIENTS DURING THEIR WAKE UP PROCESS**

Abstract Presenter: Ayla Yava (Ankara, Turkey)

### **NURSING WORKLOAD IN INTENSIVE CARE UNITS ESTONIA BASED ON NURSING ACTIVITIES SCORE**

Abstract Presenter: Egeli Keldo (Tallinn, Estonia)

### **NURSES' PRACTICE CONCERNING SEDATION DURING WEANING FROM MECHANICAL VENTILATION**

Abstract Presenter: Marta Borkowska (Ghent, Belgium)

### **IMPACT OF A MULTIFACETED INTERVENTION ON THE INCIDENCE OF PRESSURE ULCERS IN A MEDICAL-SURGICAL ICU. A BEFORE-AFTER STUDY**

Abstract Presenter: Cecilia I. Loudet (La Plata, Argentina)

### **DIFFERENT VIEWS OF MEDICAL AND NURSING PROFESSIONALS ON THE METHODS FOR GLYCAEMIC CONTROL IMPLEMENTED IN INTENSIVE CARE. A CROSS-SECTIONAL STUDY IN SEVEN HOSPITALS WITHIN THE UK**

Abstract Presenter: Rocio Fernandez-Mendez (Nottingham, United Kingdom)

## Scientific Programme

### **SUCCESS OF AN INTERDISCIPLINARY EDUCATIONAL PROGRAM ON NURSING KNOWLEDGE ABOUT EPIDURAL ANALGESIA IN A CRITICAL CARE SETTING**

Abstract Presenter: Thomas Livingstone (London, United Kingdom)

### **IMPACT OF PROACTIVE NURSE PARTICIPATION IN ICU FAMILY CONFERENCES: A MIXED-METHOD STUDY**

Abstract Presenter: Maité Garrouste-Orgeas (Paris, France)

### **KNOWLEDGE OF NURSING PROFESSIONALS ABOUT THE ANTISEPTICS USED IN PATIENT CARE WITH BLADDER CATHETERS**

Abstract Presenter: Myria R. Silva (Ilhéus, Brazil)

Poster Corner  
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## **CLINICAL DATA IN TRAUMA**

Chair: Michael Holzer (Vienna, Austria)  
Chair: Lionel Lamhaut (Paris, France)

### **T-HELPER CELL POLARISATION FOLLOWING SEVERE POLYTRAUMA**

Abstract Presenter: Hew David Thomas Torrance (London, United Kingdom)

### **INITIAL RESUSCITATION OF BURN PATIENTS: ASSOCIATION BETWEEN HEMODYNAMIC PARAMETERS AND SERUM LACTATE LEVEL WITH 90-DAYS MORTALITY**

Abstract Presenter: Sabri Soussi (Paris, France)

### **NEUROCOGNITIVE CONSEQUENCES OF IATROGENIC PHTHALATE EXPOSURE DURING CRITICAL ILLNESS IN CHILDREN: A STUDY OF A DEVELOPMENT AND VALIDATION COHORT**

Abstract Presenter: Sören Verstraete (Leuven, Belgium)

### **COMPARISON OF HYPERFIBRINOLYSIS IN TRAUMA AND NON-TRAUMA PATIENTS**

Abstract Presenter: Thomas Madelaine (Lyon, France)

### **BRAIN INJURY BIOMARKERS AND INFLAMMATORY MARKERS LIKE PRONOSTIC FACTORS ON MORTALITY IN PATIENTS WITH SPONTANEOUS INTRACRANIAL HEMORRHAGE (MEDICAL-ADULTS INTENSIVE CARE)**

Abstract Presenter: Deissy Liliana Aguillón Prada (Valencia, Spain)

### **EFFECTS OF L-LYSINE AESCINAT ON INTRACRANIAL PRESSURE IN PATIENTS WITH SEVERE TRAUMATIC BRAIN INJURY**

Abstract Presenter: Alexander Solodov (Moscow, Russian Federation)

### **PERIOPERATIVE USE OF SPECIFIC COAGULATION FACTORS IN BURN PATIENTS. AN INTERNATIONAL SURVEY**

Abstract Presenter: Athina Lavrentieva (Thessaloniki, Greece)

### **THE USEFULNESS OF S100 PROTEIN AS A PREDICTIVE FACTOR IN PATIENTS WITH HANGING INJURY**

Abstract Presenter: Eun-Jung Park (Suwon, Korea, Republic of)

### **VALIDATION OF THE PROBABILITY OF SURVIVAL USING THE TRISS METHODOLOGY IN THE SPANISH TRAUMA ICU REGISTRY (RETRAUCI)**

Abstract Presenter: Mario Chico-Fernández (Madrid, Spain)

## Scientific Programme

Poster Corner  
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Poster Corner

### FLUIDS, BLEEDING AND THROMBOSIS 2

Chair: Giovanni Landoni (Milan, Italy)  
Chair: Anders Perner (Copenhagen, Denmark)

#### **USING OF PROTHROMBIN COMPLEX CONCENTRATE IN PATIENTS WITH TRAUMA-INDUCED COAGULOPATHY**

Abstract Presenter: Oleg Tarabrin (Odessa, Ukraine)

#### **INTENSIVE CARE ADMISSION IN PATIENTS WITH HELLP SYNDROME IN A TERTIARY REFERRAL HOSPITAL**

Abstract Presenter: Ender Gedik (Ankara, Turkey)

#### **EFFICACY OF NON-SPECIFIC HEMOSTATIC AGENTS FOR REVERSAL OF PROPHYLACTIC APIXABAN LEVELS**

Abstract Presenter: Katrin Schmidt (Berlin, Germany)

#### **CORRELATION BETWEEN FFP TRANSFUSION AND APACHE II SCORE IN ICU PATIENTS**

Abstract Presenter: Aristidis Vakalos (Xanthi, Greece)

#### **PROTECTIVE EFFECTS OF LOW DOSE STABILIZED HAEMOGLOBIN SOLUTION IN EXPERIMENTAL GLOBAL ISCHAEMIA-REPERFUSION INJURY**

Abstract Presenter: Lucia Zacchetti (Milano, Italy)

#### **SEVERE HYPOPHOSPHATEMIA IN THE CRITICALLY ILL: ARE WE REPLACING ENOUGH?**

Abstract Presenter: John Millwood Hargrave (Liverpool, United Kingdom)

#### **ANALYSIS OF TRANSFUSION REQUIREMENTS AND COSTS BEFORE AND AFTER THE INTRODUCTION OF THROMBOELASTOMETRY GUIDED FACTOR CONCENTRATE BASED ALGORITHM FOR THE THERAPY OF COAGULOPATHY IN MASSIVE BLEEDING**

Abstract Presenter: Ivana Zykova (Liberec, Czech Republic)

#### **RED CELL TRANSFUSION IN THE CRITICALLY ILL PATIENT**

Abstract Presenter: Rajib Ahmed (Glasgow, United Kingdom)

#### **RELATIONSHIP BETWEEN TRANSFUSION OF PACKED RED BLOOD CELLS, PLASMA FREE HEMOGLOBIN AND STORAGE TIME IN PATIENTS WITH SEVERE TRAUMA**

Abstract Presenter: Silvia Chacón Alves (Madrid, Spain)

#### **THE "GREY AREA" OF THE TRANSFUSION PRACTICE IN THE INTENSIVE CARE UNIT**

Abstract Presenter: F.J. Kranenburg (Leiden, Netherlands)

Thematic Session  
11:00 - 12:00

NEXT Lounge

### NEXT LOUNGE - MEET THE EXPERTS

Chair: Peter Schellongowski (Vienna, Austria)

#### **Fluid resuscitation: When, how and why**

11:00

Speaker: Peter Radermacher (Ulm, Germany)

Speaker: Aryeh Shander (New York, United States)



## Scientific Programme

LIVES Interactive Debates  
11:00 - 12:00

Hall 7

### **ECHOCARDIOGRAPHY AND HAEMODYNAMIC TOOLS: COMPLEMENTARY OR MUTUALLY EXCLUSIVE?**

Chair: Philippe Vignon (Limoges, France)

#### **Debate**

**11:00**

Speaker: Daniel De Backer (Brussels, Belgium)

Speaker: Bernard Cholley (Paris, France)

Speaker: Paul Mayo (New York, United States)

Thematic Session  
12:00 - 14:00

Berlin

### **EXTRACORPOREAL GAS EXCHANGE**

Chair: Antonio Pesenti (Monza, Italy)

Chair: Alain Combes (Paris, France)

#### **Anything new in anticoagulation for ECMO patients**

**12:00**

Speaker: Dirk Donker (Utrecht, Netherlands)

#### **Discussion**

**12:15**

#### **Predicting outcome in the ECMO patient**

**12:20**

Speaker: Alain Combes (Paris, France)

#### **Discussion**

**12:35**

#### **Ethical dilemmas in ECMO**

**12:40**

Speaker: Jozef Kesecioglu (Utrecht, Netherlands)

#### **Discussion**

**12:55**

#### **General management of the ECMO patient**

**13:00**

Speaker: Marco Ranieri (Turin, Italy)

#### **Discussion**

**13:15**

#### **Ultrprotective ventilation by CO2 removal**

**13:20**

Speaker: Thomas Bein (Regensburg, Germany)

#### **Discussion**

**13:35**

#### **Novel techniques in CO2 removal**

**13:40**

Speaker: Antonio Pesenti (Monza, Italy)

#### **Discussion**

**13:55**

## Scientific Programme

Thematic Session  
12:00 - 14:00

Athens

### HOW TO GUIDE FLUID THERAPY

Chair: Azriel Perel (Tel Aviv, Israel)  
Chair: Michel Slama (Amiens, France)

<b>...in ED patients</b>	<b>12:00</b>
Speaker: Jan Bakker (Rotterdam, Netherlands)	
<b>Discussion</b>	<b>12:15</b>
<b>...in OR patients</b>	<b>12:20</b>
Speaker: Thomas Scheeren (Groningen, Netherlands)	
<b>Discussion</b>	<b>12:35</b>
<b>...in septic shock patients</b>	<b>12:40</b>
Speaker: Michael Pinsky (Pittsburgh, United States)	
<b>Discussion</b>	<b>12:55</b>
<b>...in ARDS patients</b>	<b>13:00</b>
Speaker: Azriel Perel (Tel Aviv, Israel)	
<b>Discussion</b>	<b>13:15</b>
<b>...in patients with increased abdominal pressure</b>	<b>13:20</b>
Speaker: Daniel Reuter (Hamburg, Germany)	
<b>Discussion</b>	<b>13:35</b>
<b>...in trauma patients</b>	<b>13:40</b>
Speaker: Didier Payen (Paris, France)	
<b>Discussion</b>	<b>13:55</b>

Thematic Session  
12:00 - 14:00

Barcelona

### RECOVERY FROM AKI AND LONG-TERM IMPLICATIONS

Chair: Eric Hoste (Ghent, Belgium)  
Chair: Olivier Joannes-Boyau (Pessac, France)

<b>How to assess GFR in the ICU?</b>	<b>12:00</b>
Speaker: Wilfred Druml (Vienna, Austria)	
<b>Discussion</b>	<b>12:15</b>
<b>How to predict recovery from AKI?</b>	<b>12:20</b>
Speaker: Eric Hoste (Ghent, Belgium)	
<b>Discussion</b>	<b>12:35</b>
<b>When to stop RRT?</b>	<b>12:40</b>
Speaker: Heleen Oudemans-van Straaten (Amsterdam, Netherlands)	

## Scientific Programme

<b>Discussion</b>	<b>12:55</b>
<b>What are the long-term implications of AKI?</b>	<b>13:00</b>
Speaker: Michael Darmon (Saint-Etienne, France)	
<b>Discussion</b>	<b>13:15</b>
<b>How to define recovery from AKI?</b>	<b>13:20</b>
Speaker: John Prowle (London, United Kingdom)	
<b>Discussion</b>	<b>13:35</b>
<b>What to do with patients who survive AKI?</b>	<b>13:40</b>
Speaker: Mink Chawla (Washington, United States)	
<b>Discussion</b>	<b>13:55</b>

Thematic Session  
12:00 - 14:00

Lisbon

## THE PREPARE SESSION - EMERGING INFECTIONS

Chair: Jean Carlet (Paris, France)  
Chair: Massimo Antonelli (Rome, Italy)

<b>Respiratory viruses</b>	<b>12:00</b>
Speaker: Tobias Welte (Hanover, Germany)	
<b>Discussion</b>	<b>12:15</b>
<b>ICU management of haemorrhagic fever</b>	<b>12:20</b>
Speaker: Jean-Daniel Chiche (Paris, France)	
<b>Discussion</b>	<b>12:35</b>
<b>Carbapenemases producers</b>	<b>12:40</b>
Speaker: George Dimopoulos (Athens, Greece)	
<b>Discussion</b>	<b>12:55</b>
<b>Preventive measures in endemic areas</b>	<b>13:00</b>
Speaker: Tobias Welte (Hanover, Germany)	
<b>Discussion</b>	<b>13:15</b>
<b>How to organise admission of patients with contagious diseases?</b>	<b>13:20</b>
Speaker: Jean-Ralph Zahar (Angers, France)	
<b>Discussion</b>	<b>13:35</b>
<b>How do we protect health care workers from contagious patients?</b>	<b>13:40</b>
Speaker: Dylan de Lange (Utrecht, Netherlands)	
<b>Discussion</b>	<b>13:55</b>

## Scientific Programme

Thematic Session  
12:00 - 14:00

Rome

### STRATEGIES TO IMPROVE OUTCOME AFTER SURGERY

Chair: Ib Jammer (Bergen, Norway)  
Chair: Robert Sladen (New York, United States)

<b>Enhanced recovery after surgery - An update</b>	<b>12:00</b>
Speaker: Aarne Feldheiser (Berlin, Germany)	
<b>Discussion</b>	<b>12:15</b>
<b>Perioperative haemodynamic optimisation</b>	<b>12:20</b>
Speaker: Robert Sladen (New York, United States)	
<b>Discussion</b>	<b>12:35</b>
<b>Inotropic therapy during surgery</b>	<b>12:40</b>
Speaker: Michelle Chew (Malmö, Sweden)	
<b>Discussion</b>	<b>12:55</b>
<b>Perioperative cardio-protection</b>	<b>13:00</b>
Speaker: Giovanni Landoni (Milan, Italy)	
<b>Discussion</b>	<b>13:15</b>
<b>NIV after major surgery</b>	<b>13:20</b>
Speaker: Ib Jammer (Bergen, Norway)	
<b>Discussion</b>	<b>13:35</b>
<b>Perioperative care of elderly patients</b>	<b>13:40</b>
Speaker: Claudia Spies (Berlin, Germany)	
<b>Discussion</b>	<b>13:55</b>

Thematic Session  
12:00 - 14:00

Geneva

### NATIONAL ICU REGISTRIES

Chair: Christina Agvald-Öhman (Stockholm, Sweden)  
Chair: Hans Flaatten (Bergen, Norway)

<b>European overview</b>	<b>12:00</b>
Speaker: Hans Flaatten (Bergen, Norway)	
<b>Discussion</b>	<b>12:15</b>
<b>What is a National ICU registry?</b>	<b>12:20</b>
Speaker: Dylan de Lange (Utrecht, Netherlands)	
<b>Discussion</b>	<b>12:35</b>
<b>The use of registry data in research</b>	<b>12:40</b>
Speaker: Sten Walter (Linköping, Sweden)	

## Scientific Programme

<b>Discussion</b>	<b>12:55</b>
<b>Linking national registries, experiences from Denmark</b>	<b>13:00</b>
Speaker: Steffen Christensen (Aarhus, Denmark)	
<b>Discussion</b>	<b>13:15</b>
<b>Using ICU registries to improve quality</b>	<b>13:20</b>
Speaker: Christina Agvald-Öhman (Stockholm, Sweden)	
<b>Discussion</b>	<b>13:35</b>
<b>Collaboration between ICU registries</b>	<b>13:40</b>
Speaker: Sten Walter (Linköping, Sweden)	
<b>Discussion</b>	<b>13:55</b>

Thematic Session  
12:00 - 14:00

Paris

## FOREGOING LIFE-SUSTAINING TREATMENTS

Chair: Charles Sprung (Jerusalem, Israel)  
Chair: Andrej Michalsen (Tettnang, Germany)

<b>Which are the triggers for changing the goals of care?</b>	<b>12:00</b>
Speaker: Charles Sprung (Jerusalem, Israel)	
<b>Discussion</b>	<b>12:15</b>
<b>Is withholding ethically the same as withdrawing?</b>	<b>12:20</b>
Speaker: Bob Truog (Boston, United States)	
<b>Discussion</b>	<b>12:35</b>
<b>Should we perform "terminal extubation" at the end-of-life?</b>	<b>12:40</b>
Speaker: Rik Gerritsen (Leeuwarden, Netherlands)	
<b>Discussion</b>	<b>12:55</b>
<b>Do we need a God for the decision?</b>	<b>13:00</b>
Speaker: Doug White (Pittsburgh, United States)	
<b>Discussion</b>	<b>13:15</b>
<b>Should we ever lose hope?</b>	<b>13:20</b>
Speaker: Julie Benbenishty (Jerusalem, Israel)	
<b>Discussion</b>	<b>13:35</b>
<b>Beyond standard care: Is there a justifiable claim for heroic measures?</b>	<b>13:40</b>
Speaker: Andrej Michalsen (Tettnang, Germany)	
<b>Discussion</b>	<b>13:55</b>

## Scientific Programme

Thematic Session  
12:00 - 14:00

Glasgow

### **BIG DATA ANALYTICS IN INTENSIVE CARE: CLINICAL PRACTICE, EDUCATION AND RESEARCH**

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

<b>Shared access infrastructure in European Intensive Care Units</b>	<b>12:00</b>
Speaker: Theodoros Kyprianou (Nicosia, Cyprus)	
<b>Discussion</b>	<b>12:15</b>
<b>Smart monitoring and decision support systems</b>	<b>12:20</b>
Speaker: Leo Anthony Celi (Boston, United States)	
<b>Discussion</b>	<b>12:35</b>
<b>Building a database for education &amp; training</b>	<b>12:40</b>
Speaker: Marius Terblanche (London, United Kingdom)	
<b>Discussion</b>	<b>12:55</b>
<b>Big data analytics approach in research priorities</b>	<b>13:00</b>
Speaker: Johan Decruyenaere (Gent, Belgium)	
<b>Discussion</b>	<b>13:15</b>
<b>Translating -omics to personalised medicine</b>	<b>13:20</b>
Speaker: Jean-Daniel Chiche (Paris, France)	
<b>Discussion</b>	<b>13:35</b>
<b>General principles of data modelling and interface design</b>	<b>13:40</b>
Speaker: Olaf Cremer (Utrecht, Netherlands)	
<b>Discussion</b>	<b>13:55</b>

Thematic Session  
12:00 - 14:00

Stockholm

### **PROTECT & PROGRESS ICU PATIENTS CARE**

Chair: Elsa P. Afonso (Cambridge, United Kingdom)  
Chair: Jos Latour (Plymouth, United Kingdom)

<b>Long-term tracheostomy management</b>	<b>12:00</b>
Speaker: Julie Benbenishty (Jerusalem, Israel)	
<b>Discussion</b>	<b>12:15</b>
<b>Acoustics in the ICU</b>	<b>12:20</b>
Speaker: Deborah Dawson (London, United Kingdom)	
<b>Discussion</b>	<b>12:35</b>
<b>Mobilising the obese: Challenges for the team</b>	<b>12:40</b>
Speaker: David McWilliams (Birmingham, United Kingdom)	

## Scientific Programme

<b>Discussion</b>	<b>12:55</b>
<b>Pressure ulcer identification &amp; management: What's new?</b>	<b>13:00</b>
Speaker: Stijn Blot (Ghent, Belgium)	
<b>Discussion</b>	<b>13:15</b>
<b>Airway clearance techniques for the ventilated patient</b>	<b>13:20</b>
Speaker: Dani Martí Romeu (Barcelona, Spain)	
<b>Discussion</b>	<b>13:35</b>
<b>Physical vs chemical restraint</b>	<b>13:40</b>
Speaker: Carole Boulanger (Exeter, United Kingdom)	
<b>Discussion</b>	<b>13:55</b>

Thematic Session  
12:00 - 14:00

Vienna

## CONTROVERSIES IN THE MANAGEMENT OF NEURO-ICU PATIENTS

Chair: Giuseppe Citerio (Monza, Italy)  
Chair: Pierre Bouzat (Grenoble, France)

<b>"Permissive" hyponatremia during intracranial hypertension: Is there any evidence?</b>	<b>12:00</b>
Speaker: Karim Asehnoune (Nantes, France)	
<b>Discussion</b>	<b>12:15</b>
<b>Fluid management: Is there a better fluid?</b>	<b>12:20</b>
Speaker: Pierre Bouzat (Grenoble, France)	
<b>Discussion</b>	<b>12:35</b>
<b>Fixed versus autoregulation-driven CPP targets</b>	<b>12:40</b>
Speaker: Peter Vajkoczy (Berlin, Germany)	
<b>Discussion</b>	<b>12:55</b>
<b>Treatment of refractory status epilepticus: What is the best approach ?</b>	<b>13:00</b>
Speaker: Stephan Mayer (New York, United States)	
<b>Discussion</b>	<b>13:15</b>
<b>PaCO<sub>2</sub> targets: Use and misuse</b>	<b>13:20</b>
Speaker: Nino Stocchetti (Milan, Italy)	
<b>Discussion</b>	<b>13:35</b>
<b>Optimal control of sedation and analgesia in the NICU patient</b>	<b>13:40</b>
Speaker: Giuseppe Citerio (Monza, Italy)	
<b>Discussion</b>	<b>13:55</b>

## Scientific Programme

Postgraduate Course  
12:15 - 13:30

NEXT Lounge

### NEXT LOUNGE - RESEARCH LUNCH

Chair: Jacques Duranteau (Kremlin-Bicetre, France)  
Chair: Jean-Louis Vincent (Brussels, Belgium)  
Chair: Paul Young (Wellington, New Zealand)  
Chair: Stephen J. Brett (London, United Kingdom)  
Chair: Howard Bauchner (Boston, United States)

#### Study presentation by participants

12:15

LIVES Interactive Debates  
12:15 - 13:15

Hall 7

### THERAPEUTIC ANTIMICROBIAL MONITORING IN PRACTICE

Chair: Fabio Silvio Taccone (Brussels, Belgium)

#### Debate

12:15

Speaker: José Artur Paiva (Porto, Portugal)  
Speaker: Jan De Waele (Ghent, Belgium)  
Speaker: Jeffrey Lipman (Brisbane, Australia)

Thematic Session  
13:30 - 14:00

NEXT Lounge

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

Chair: Lara Prisco (Cambridge, United Kingdom)  
Chair: Katia Donadello (Brussels, Belgium)  
Chair: Daniel De Backer (Brussels, Belgium)

#### Winners

13:30

Hot Topics Session  
14:10 - 16:40

Berlin

### HOT TOPICS SESSION

Chair: Daniel De Backer (Brussels, Belgium)  
Chair: Howard Bauchner (Boston, United States)

#### Award winners

14:10

#### Saline vs. Plasma-Lyte 148 for ICU fluid Therapy: The SPLIT trial

14:40

Speaker: Paul Young (Wellington, New Zealand)

#### Discussion

14:55

#### Erythropoietin in Traumatic Brain Injury: EPO-TBI trial

15:00

Speaker: Craig French (Melbourne, Australia)



## Scientific Programme

<b>Discussion</b>	<b>15:15</b>
<b>Noninvasive Ventilation for Immunocompromised Patients with Acute Respiratory Failure</b>	<b>15:20</b>
Speaker: Virginie Lemiale (Paris, France)	
<b>Discussion</b>	<b>15:35</b>
<b>Vasopressin vs Noradrenaline as Initial therapy in Septic Shock (VANISH): A randomised controlled trial</b>	<b>15:40</b>
Speaker: Anthony Gordon (London, United Kingdom)	
<b>Discussion</b>	<b>15:55</b>
<b>European study of therapeutic hypothermia for intracranial pressure reduction after Traumatic Brain Injury: The EUROTHERM trial</b>	<b>16:00</b>
Speaker: Peter J.D. Andrews (Edinburgh, United Kingdom)	
<b>Discussion</b>	<b>16:15</b>
<b>Chlorhexidine-alcohol vs Povidone iodine-alcohol antisepsis for catheter-related infection prevention: An open label, randomised controlled trial</b>	<b>16:20</b>
Speaker: Jean-François Timsit (Paris, France)	
<b>Discussion</b>	<b>16:35</b>