Scientific Programme

Saturday, 03 October 2015

Postgraduate Course
08:30 - 10:00

CRITICAL CARE REFRESHER COURSE: ACUTE CIRCULATORY FAILURE

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

Arrhythmias in the ICU  
Speaker: Marco Maggiorini (Zurich, Switzerland) 08:30

Cardiac arrest: Management and post-resuscitation care  
Speaker: Kjetil Sunde (Oslo, Norway) 09:00

Ethical dilemmas: Communication and decision making during CPR  
Speaker: Akos Csomos (Budapest, Hungary) 09:30

Postgraduate Course
08:30 - 11:45

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

Overview regarding critical care echocardiography  
Speaker: Daniel De Backer (Brussels, Belgium) 08:30

Echo parameters  
Speaker: Philippe Vignon (Limoges, France) 09:00

Coffee break 09:45

What is known in the different clinical situations in the ICU?  
Speaker: Antoine Vieillard-Baron (Boulogne, France) 10:00

Cases/discussion  
Speaker: Paul Mayo (New York, United States) 10:45

European Diploma: How does it work?  
Speaker: Daniel De Backer (Brussels, Belgium) 11:15

Postgraduate Course
08:30 - 12:00

EDIC PART II EXAMINATION: PREPARATION COURSE
Scientific Programme

**Instructors’ workshop**
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**
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)
Speaker: Sheldon Magder (Montreal, Canada)

Defining the hypothesis (literature search and critical analysis)
Speaker: Jean-Louis Vincent (Brussels, Belgium)

Which control group?
Speaker: Leo Anthony Celi (Boston, United States)

Defining the right population
Speaker: John Kellum (Pittsburgh, United States)

Discussion and questions

**Postgraduate Course**
09:00 - 10:30
Stockholm

**MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT**
Scientific Programme

**History of mechanical ventilation**
Speaker: Michael Quintel (Göttingen, Germany) 09:00

**A basic introduction to the pathophysiology of ARDS**
Speaker: Luciano Gattinoni (Milan, Italy) 09:30

**Controlled mechanical ventilation settings: Basics**
Speaker: Giacomo Bellani (Monza, Italy) 10:00

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)

**First checklist for a proper diagnosis**
Speaker: Jean-François Timsit (Paris, France) 09:00

**When the source is not obvious**
Speaker: Philippe Eggimann (Lausanne, Switzerland) 09:30

**Diagnostic quiz**
Speaker: Romain Sonneville (Paris, France) 10:00

**Antibiotic susceptibility testings for the dummy**
Speaker: Jean-Ralph Zahar (Angers, France) 10:30

Postgraduate Course
09:00 - 10:30 M1

**BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS**

**Basic competences in GCCUS: What should every intensivist know?**
Speaker: Paul Mayo (New York, United States) 09:00

**Basic competences in echocardiography: What should every intensivist know?**
Speaker: Bernard Cholley (Paris, France) 09:20

**Basic views for a cardiac study (demonstration using a simulator: Simultaneous display of 2D views and corresponding 3D model of the heart)**
Speaker: Yanick Beaulieu (Montreal, Canada) 09:40

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

Clinical examination of the comatose patient 09:00
Speaker: Tarek Sharshar (Paris, France)

CT scan and MRI: What the intensivist needs to know 09:25
Speaker: Stephan Mayer (New York, United States)

EEG, the basics for the intensivist 10:00
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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Charitéplatz 1
10117 Berlin

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)

Physiology of mechanical ventilation 10:30
Speaker: Massimo Antonelli (Rome, Italy)

COPD and mechanical ventilation 11:00
Speaker: Jordi Mancebo Cortes (Barcelona, Spain)

ARDS and mechanical ventilation 11:30
Speaker: Rajnish Saha (Harlow, United Kingdom)

Postgraduate Course
11:00 - 12:30 Stockholm

MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT

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

Hands-on session 1
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)
Speaker: Giorgio Iotti (Pavia, Italy)

Postgraduate Course
11:00 - 12:50

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

Grant writing: What needs to go into an application, what funders want, how grant panels think
Speaker: Claudia Spies (Berlin, Germany)

Establishing the endpoint: What (if any) is the best one to use in ICM research?
Speaker: Jacques Duranteau (Kremlin-Bicetre, France)

Sample size calculation: A balance between power and feasibility
Speaker: Paul Young (Wellington, New Zealand)

Discussion and questions

Postgraduate Course
11:00 - 12:30

BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - GROUP B

How to recognise severe left ventricular dysfunction (hypo & hyperkinesia)?
Speaker: Martin Balik (Prague, Czech Republic)

How to recognise a failing right ventricle?
Speaker: Antoine Vieillard-Baron (Boulogne, France)

Pericardial effusion & tamponade
Speaker: Bernard Cholley (Paris, France)

Massive valvular regurgitation: How to identify the problem?
Speaker: Jan Poelaert (Brussels, Belgium)

Wall motion abnormalities
Speaker: Gorazd Voga (Celje, Slovenia)

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

PbtO2 monitoring  11:40
Speaker: Mauro Oddo (Lausanne, Switzerland)

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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Charitéplatz 1
10117 Berlin
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)
Video: CCS an CBA 13:25
Scientific Programme

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)
Speaker: Giorgio Iotti (Pavia, 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

**ADVANCED COURSE IN ECHOCARDIOGRAPHY: LV DIASTOLIC FUNCTION**

*Echo parameters*
Speaker: Michel Slama (Amiens, France)

13:00

*What is known in the different clinical situations in the ICU?*
Speaker: Philippe Vignon (Limoges, France)

13:45

*Cases/discussion*
Speaker: Philippe Vignon (Limoges, France)

14:30

*Coffee break*

15:00

*Pericardial disease and echo*
Speaker: Paul Mayo (New York, United States)

15:15

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

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

*How to recognise severe left ventricular dysfunction (hypo & hyperkinesia)?*
Speaker: Martin Balik (Prague, Czech Republic)

13:30

*How to recognise a failing right ventricle?*
Speaker: Antoine Vieillard-Baron (Boulogne, France)

13:45

*Pericardial effusion & tamponade*
Speaker: Bernard Cholley (Paris, France)

14:00

*Massive valvular regurgitation: How to identify the problem?*
Speaker: Jan Poelaert (Brussels, Belgium)

14:15

*Wall motion abnormalities*
Speaker: Gorazd Voga (Celje, Slovenia)

14:30
Inferior vena cava: How to measure? How to interpret? Limits  
Speaker: Matthieu Legrand (Paris, France)  14:45

Postgraduate Course  
13:30 - 15:00  
**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  
**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  
**NEURO-ICU PRIMER: PRACTICAL SKILLS**  
Hands-on sessions  
Speaker: Fabio Silvio Taccone (Brussels, Belgium)  
Speaker: Pierre Bouzat (Grenoble, France)  
Speaker: Anatole Harrois (Le Kremlin Bicêtre, France)
Scientific Programme

Postgraduate Course
13:40 - 15:00  

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

<table>
<thead>
<tr>
<th>Study design</th>
<th>13:40</th>
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<tr>
<td>Speaker: Laurent Brochard (Toronto, Canada)</td>
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| Randomisation strategies and alternatives        | 14:00 |
| Speaker: Hannah Wunsch (New York, United States) |       |

| Planning statistical analysis                     | 14:20 |
| Speaker: Paul Young (Wellington, New Zealand)     |       |

| Data collection: What, how and when               | 14:40 |
| 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

| Cardiovascular pathophysiology: Understanding functional haemodynamics | 14:00 |
| Speaker: Michael Pinsky (Pittsburgh, United States)                     |       |

| Venous return: Understanding preload                                | 14:30 |
| Speaker: Jan Bakker (Rotterdam, Netherlands)                         |       |

| The grey zones of dynamic indices                                | 15:00 |
| Speaker: Xavier Monnet (Kremlin-Bicetre, France)                  |       |

| Which one is the best target?                                     | 15:30 |
| Speaker: Ricard Ferrer Roca (Barcelona, Spain)                   |       |

Postgraduate Course
14:30 - 16:00  
Amsterdam

CRITICAL CARE REFRESHER COURSE: NERVOUS SYSTEM

| Traumatic brain injury (focus on diagnostic procedures)            | 14:30 |
| Speaker: Nino Stocchetti (Milan, Italy)                            |       |

| Brain death (focus on management of the organ donor)               | 15:00 |
| Speaker: Hans Ulrich Rothen (Bern, Switzerland)                    |       |

| Organ donation                                                     | 15:30 |
| 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  
Speaker: Pascale Gruber (London, United Kingdom)

Imaging 1 (CXR/AXR)  
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  
Speaker: Leo Anthony Celi (Boston, United States)

Where and how to present your research: What I look for in a poster & oral presentation  
Speaker: Jean-Louis Vincent (Brussels, Belgium)

Where and how to publish your research: What you should know, what do journal editors think and want  
Speaker: Martin Smith (London, United Kingdom)

Answering reviewers’ comments  
Speaker: Massimo Antonelli (Rome, Italy)

Discussion and questions

Postgraduate Course
15:20 - 17:00  
Charité Berlin  
SKILLS TRAINING IN INTENSIVE CARE MEDICINE - AIRWAY, DELIRIUM, COAGULATION AND CRISIS RESOURCE MANAGEMENT: A PRACTICAL APPROACH

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Skills station - 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)?**
Speaker: Martin Balik (Prague, Czech Republic)
15:30

**How to recognise a failing right ventricle?**
Speaker: Antoine Vieillard-Baron (Boulogne, France)
15:45

**Pericardial effusion & tamponade**
Speaker: Bernard Cholley (Paris, France)
16:00

**Massive valvular regurgitation: How to identify the problem?**
Speaker: Jan Poelaert (Brussels, Belgium)
16:15

**Wall motion abnormalities**
Speaker: Gorazd Voga (Celje, Slovenia)
16:30

**Inferior vena cava: How to measure? How to interpret? Limits**
Speaker: Matthieu Legrand (Paris, France)
16:45

Postgraduate Course
15:30 - 17:00

**M2**

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

**Hands-on**
Speaker: Philippe Vignon (Limoges, France)
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)
15:30

Postgraduate Course
15:30 - 17:00

**M3**

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

**Clinical case on severe LV dysfunction**
Speaker: Nick Fletcher (London, United Kingdom)
15:30

**Clinical cases showing images of normal and failing RV**
Speaker: Armand Mekontso Dessap (Crétteil, France)
15:45

**Regional wall motion abnormalities, obvious cases, major territories (anterior, inferior, lateral)**
Speaker: Michelle Chew (Malmö, Sweden)
16:00

**Clinical cases of pericardial effusion, tamponade or not?**
Speaker: Nick Fletcher (London, United Kingdom)
16:15
Scientific Programme

Clinical cases on valvular regurgitation (TTE, 2D and color Doppler only)
Speaker: Fernando Clau-Terré (Barcelona, Spain)

Clinical cases with inferior vena cava
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
Speaker: Raimund Helbok (Innsbruck, Austria)
When you need and when you don't need the neurosurgeon
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?
Speaker: Claude Martin (Marseille, France)
What can't echocardiography tell you?
Speaker: Pierre Squara (Neuilly-sur-Seine, France)
Monitoring the microcirculation
Speaker: Didier Payen (Paris, France)
Assessing response to therapy: SvO2, lactate, PCO2 gap, and others
Speaker: Jean-Louis Teboul (Kremlin-Bicetre, France)
Discussion

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)
28th Annual Congress of the European Society of Intensive Care Medicine,
3 - 7 October 2015,
Berlin, Germany

**Scientific Programme**

**Electrolyte disturbances**
Speaker: Armand Girbes (Amsterdam, Netherlands)

**Acid-base disorders**
Speaker: Luciano Gattinoni (Milan, Italy)

**Transfusions (RBC, platelets, FFP, synthetic coagulation factors)**
Speaker: Anne Berit Guttormsen (Bergen, Norway)

**Postgraduate Course**
16:45 - 18:30

**EDIC PART II EXAMINATION: PREPARATION COURSE**

**Imaging 2 (CT scans/ultrasound/Echo)**
Speaker: Jerome Cockings (Reading, United Kingdom)

**Waveforms 1 (ECG)**
Speaker: Hynek Riha (Prague, Czech Republic)

**Postgraduate Course**
17:00 - 18:00

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

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

**Ventilator induced lung injury**
Speaker: Marco Ranieri (Turin, Italy)

**Postgraduate Course**
17:00 - 17:30

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

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**Conclusion**
Speaker: Michael Sander (Giessen, Germany)
Postgraduate Course
17:20 - 18:00

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

**How ESICM and NEXT can help with your research**
Speaker: Katie Lane (London, United Kingdom)
Speaker: Katia Donadello (Brussels, Belgium)

**Setting the challenge**
Speaker: Jean-Daniel Chiche (Paris, France)
Sunday, 04 October 2015

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**  
Speaker: Hans Ulrich Rothen (Bern, Switzerland)  
08:30

**Chronic liver diseases and transplantation**  
Speaker: Julia Wendon (London, United Kingdom)  
09:00

**Liver surgery**  
Speaker: Christian Sitzwohl (Vienna, Austria)  
09:30

Postgraduate Course  
08:30 - 10:15  
M8

EDIC PART II EXAMINATION: PREPARATION COURSE

**Waveforms 2 (Ventilator screens/Pressure curves)**  
Speaker: Petr Waldauf (Prague, Czech Republic)  
08:30

**Biochemistry**  
Speaker: Frantisek Duska (Nottingham, United Kingdom)  
09:15

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)
Postgraduate Course
09:00 - 10:30 Stockholm

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

**Alternative strategies and rescue treatments in severely hypoxaemic patients**
Speaker: Claude Guérin (Lyon, France) 09:00

**Role of ECMO in the treatment of acute respiratory failure**
Speaker: Alain Combes (Paris, France) 09:30

**Clinical case history: ARDS**
Speaker: Claude Guérin (Lyon, France) 10:00

Postgraduate Course
09:00 - 11:00 Brussels

**NEXT DAY - ALONE ON THE NIGHT SHIFT**

Chair: Katia Donadello (Brussels, Belgium)
Chair: Bjoern Weiss (Berlin, Germany)

**Radiology-quiz**
Speaker: Jacobus Preller (Cambridge, United Kingdom) 09:00

**The right antibiotic-quiz**
Speaker: Garyphalia Poulakou (Athens, Greece) 09:30

**Case reports: Did you know the right diagnosis?**
Speaker: Didier Payen (Paris, France) 10:00

**How do I adjust the vent?**
Speaker: Jordi Mancebo Cortes (Barcelona, Spain) 10:30

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?**
Speaker: Lui Forni (Guildford, United Kingdom) 09:00

**Pathogenesis of AKI**
Speaker: John Prowle (London, United Kingdom) 09:20

**Epidemiology of AKI**
Speaker: Ville Pettilä (Helsinki, Finland) 09:40

**Prevention of AKI**
Speaker: Anne-Cornélie de Pont (Amsterdam, Netherlands) 10:00
Scientific Programme

Postgraduate Course
09:00 - 10:15

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

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

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

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

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

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

Postgraduate Course
09:00 - 10:30

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

**Hands-on**
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: Nicki Fletcher (London, United Kingdom)
Speaker: Michelle Chew (Malmö, Sweden)
Speaker: Matthieu Legrand (Paris, France)
Speaker: Paul Mayo (New York, United States)

Postgraduate Course
09:00 - 10:15

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

**Clinical case pneumothorax (pleural sliding present and absent, 2D and M-mode, lung point)**
Speaker: Aarne Feldheiser (Berlin, Germany)

**Clinical cases of pleural effusion, various importances, discuss indication for chest tube or not with audience**
Speaker: Yanick Beaulieu (Montreal, Canada)

**Clinical cases of lung condensation**
Speaker: Yanick Beaulieu (Montreal, Canada)

**Practical approach to Respiratory Distress**
Speaker: Yanick Beaulieu (Montreal, Canada)
Scientific Programme

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

Postgraduate Course
09:00 - 12:15

ADVANCED COURSE IN ECHOCARDIOGRAPHY: FLUID MANAGEMENT

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

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

Coffee break 10:00

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

How to do it in practice?
Speaker: Michel Slama (Amiens, France) 10:45

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

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
Speaker: Maurizio Cecconi (London, United Kingdom) 09:30

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

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

Postgraduate Course
09:30 - 11:10

NEURO-ICU PRIMER: GENERAL MANAGEMENT, PART II

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

Glucose and temperature
Speaker: Nino Stocchetti (Milan, Italy) 09:30
Discussion 09:50

Fluids and sodium
Speaker: Anatole Harrois (Le Kremlin Bicêtre, France) 09:55
Discussion 10:15

Mechanical ventilation
Speaker: Paolo Pelosi (Genova, Italy) 10:20
Discussion 10:45

Sedation and analgesia
Speaker: Geert Meyfroidt (Leuven, Belgium) 10:45
Discussion 11:05

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)
The polytrauma patients
Speaker: Jacques Duranteau (Kremlin-Bicetre, France) 10:30

Postoperative intensive care medicine
Speaker: Michael Hiesmayr (Vienna, Austria) 11:00

Transplantation and immunosuppression
Speaker: Geert Meyfroidt (Leuven, Belgium) 11:30

Postgraduate Course
10:30 - 12:00  M8

EDIC PART II EXAMINATION: PREPARATION COURSE
Mock exams - Group 1: CCS; Group 2: CBA; Group 3: Break 10:30
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: Hans Flaatten (Bergen, Norway)
Speaker: Carl Waldmann (Reading, United Kingdom)
Speaker: Rajnish Saha (Harlow, United Kingdom)
Scientific Programme

Postgraduate Course
10:50 - 12:10

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

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)
Speaker: Giorgio Iotti (Pavia, Italy)

Patient-ventilator interaction during assisted mechanical ventilation 12:00
Speaker: Giacomo Bellani (Monza, Italy)

Postgraduate Course
11:00 - 13:00

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 Bellingan (London, United Kingdom)

Nutrition, glucose: Hungry in the ICU 11:00
Speaker: Steffen Weber-Carstens (Berlin, Germany)
Speaker: Steven Thiessen (Leuven, Belgium)
**Scientific Programme**

**EGDT in sepsis: Finally out of the mix?**
Speaker: Ignacio Martin-Loeches (Dublin, Ireland)
Speaker: Bernardo Bollen Pinto (Geneva, Switzerland)

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

**Lactate has many faces**
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**
Speaker: Paul Mayo (New York, United States)

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

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

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

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

**Postgraduate Course**
11:00 - 12:30
**M2**

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

**Hands-on**
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)
Scientific Programme

Postgraduate Course
11:00 - 12:15

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

- **Clinical case pneumothorax (pleural sliding present and absent, 2D and M-mode, lung point)**
  Speaker: Aarne Feldheiser (Berlin, Germany)
  Time: 11:00

- **Clinical cases of pleural effusion, various importances, discuss indication for chest tube or not with audience**
  Speaker: Yanick Beaulieu (Montreal, Canada)
  Time: 11:15

- **Clinical cases of lung condensation**
  Speaker: Yanick Beaulieu (Montreal, Canada)
  Time: 11:30

- **Practical approach to Respiratory Distress**
  Speaker: Yanick Beaulieu (Montreal, Canada)
  Time: 11:45

- **Examples of diaphragmatic evaluation, pitfalls in measurement**
  Speaker: Eric Maury (Paris, France)
  Time: 12:00

Postgraduate Course
11:30 - 12:30

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

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

- **Protecting the lungs or the kidneys**
  Speaker: Antonio Artigas (Barcelona, Spain)
  Time: 11:30

- **Fluids in the patient with leaky lungs**
  Speaker: Jean-Louis Teboul (Kremlin-Bicetre, France)
  Time: 12:00

Postgraduate Course
11:30 - 13:00

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

Chair: Giuseppe Citerio (Monza, Italy)
Chair: Anatole Harrois (Le Kremlin Bicêtre, France)

- **Clinical case - How I manage a severe TBI patient**
  Speaker: Pierre Bouzat (Grenoble, France)
  Time: 11:30

- **Management of early (hydrocephalus, aneurysm securisation, monitoring, seizures) and late (DCI, sodium disorders) complications**
  Speaker: Giuseppe Citerio (Monza, Italy)
  Time: 12:00

- **Reperfusion strategies & management of malignant stroke**
  Speaker: Raimund Helbok (Innsbruck, Austria)
  Time: 12:30
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)

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
28th Annual Congress of the European Society of Intensive Care Medicine,
3 - 7 October 2015,
Berlin, Germany

Scientific Programme

Postgraduate Course
13:00 - 14:30

CRITICAL CARE REFRESHER COURSE: OTHERS (SEDATION-ANALGESIA,
PHARMACOLOGY, MANAGEMENT, ETHICS)
Chair: Christian Sitzwohl (Vienna, Austria)
Chair: Anne Berit Gutormsen (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

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

ADVANCED COURSE IN ECHOCARDIOGRAPHY: RV FUNCTION

Echo parameters 13:00
Speaker: Antoine Vieillard-Baron (Boulogne, France)

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**
Speaker: Philippe Vignon (Limoges, France)

**How do I perform an echo examination at the bedside and make a report**
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**
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**
Speaker: Mitchell Levy (Providence, United States)

**Differential: Ebola - What kind of diseases are we prepared for?**
Speaker: Antonio Pesenti (Monza, Italy)

Postgraduate Course
14:00 - 15:15
M1

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

Echo signs of pneumothorax
Speaker: Paul Mayo (New York, United States)
14:00

Pleural effusion
Speaker: Paul Mayo (New York, United States)
14:15

Lung condensation: Pneumonia, atelectasis,...
Speaker: Daniel Lichtenstein (Paris, France)
14:30

Respiratory distress: Basic approach using US
Speaker: Philippe Vignon (Limoges, France)
14:45

Diaphragmatic function: How to evaluate?
Speaker: Nicolas Lerolle (Angers, France)
15:00

Postgraduate Course
14:00 - 15:30

BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - GROUP C

Hands-on
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)
14:00

Postgraduate Course
14:00 - 15:15

BASIC ECHOCARDIOGRAPHY: HEART AND LUNGS - GROUP B

Clinical case pneumothorax (pleural sliding present and absent, 2D and M-mode, lung point)
Speaker: Aarne Feldheiser (Berlin, Germany)
14:00

Clinical cases of pleural effusion, various importances, discuss indication for chest tube or not with audience
Speaker: Yanick Beaulieu (Montreal, Canada)
14:15

Clinical cases of lung condensation
Speaker: Yanick Beaulieu (Montreal, Canada)
14:30

Practical approach to Respiratory Distress
Speaker: Yanick Beaulieu (Montreal, Canada)
14:45

Examples of diaphragmatic evaluation, pitfalls in measurement
Speaker: Eric Maury (Paris, France)
15:00
Postgraduate Course
14:00 - 16:00

**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**
Speaker: Martin Smith (London, United Kingdom)

**Post resuscitation care and targeted temperature management**
Speaker: Fabio Silvio Taccone (Brussels, Belgium)

**ICU management of CNS infections: Antibiotic therapy, monitoring, complications (brain oedema, circulatory shock)**
Speaker: Romain Sonneville (Paris, France)

**ICU management of status epilepticus**
Speaker: Mauro Oddo (Lausanne, Switzerland)

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Postgraduate Course
14:30 - 16:00

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

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

**The MCQs**
Speaker: Armand Girbes (Amsterdam, Netherlands)

**How to approach the exam**
Speaker: Marco Maggiorini (Zurich, Switzerland)

**The course online preparation**
Speaker: Pascale Gruber (London, United Kingdom)
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 call
- 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**

Speaker: Mauro Oddo (Lausanne, Switzerland)

14:30

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

Speaker: Julian Bion (Birmingham, United Kingdom)

14:50

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

Speaker: Jukka Takala (Bern, Switzerland)

15:10

**Immunocompromised patient**

Speaker: Elie Azoulay (Paris, France)

15:30

**Post Intensive Care Unit syndrome**

Speaker: Hannah Wunsch (New York, United States)

15:50

**Renal biomarkers**

Speaker: John Kellum (Pittsburgh, United States)

16:10

Postgraduate Course

14:50 - 16:10

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

Chair: Lui Forni (Guildford, United Kingdom)

**Case study: My starving patient is septic**

Speaker: John Prowle (London, United Kingdom)

14:50

**Drug dosing in RRT**

Speaker: Olivier Joannes-Boyau (Pessac, France)

15:10

**Nutrition in RRT**

Speaker: Ville Pettilä (Helsinki, Finland)

15:30
**Electrolyte balance and RRT**  
Speaker: Marlies Ostermann (London, United Kingdom)

**Thematic Session**  
17:00 - 18:40

**OPENING SESSION**

**Welcome address**  
Speaker: Daniel De Backer (Brussels, Belgium)

**Presentation of Honorary Membership to recipients: Derek Angus, Johan Groeneveld, John Marini & Konrad Reinhart**  
Speaker: Massimo Antonelli (Rome, Italy)

**The flip side of the coin**  
Speaker: Mitchell Levy (Providence, United States)

**Presentation of ESICM Medal to Andrew Rhodes**  
Speaker: Geoffrey Bellingan (London, United Kingdom)

**Full disclosure of health performance data: How should we share with the public?**  
Speaker: Andrew Rhodes (London, United Kingdom)

**Thinking immune thoughts**  
Speaker: Peter Pickkers (Nijmegen, Netherlands)

**28th congress highlights**  
Speaker: Jozef Kesecioglu (Utrecht, Netherlands)

**Closing remarks & exhibition opening**  
Speaker: Daniel De Backer (Brussels, Belgium)
Monday, 05 October 2015

Keynote Lecture
08:00 - 08:25

**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

**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

**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**

**Immediate versus delayed awakening**  
Speaker: Raimund Helbok (Innsbruck, Austria)  
Discussion  

**Thematic Session**  
08:30 - 09:30  
**HOW TO CREATE COMPLIANCE TO GUIDELINES?**  
Chair: Akos Csomos (Budapest, Hungary)  
Chair: Julian Bion (Birmingham, United Kingdom)  
**Why is it so difficult?**  
Speaker: Christina Agvald-Öhman (Stockholm, Sweden)  
Discussion  
**Using electronic records**  
Speaker: Bertrand Guidet (Paris, France)  
Discussion  
**Checklists and care bundles**  
Speaker: Andrew Rhodes (London, United Kingdom)  
Discussion  

**Thematic Session**  
08:30 - 09:30  
**ICM: YEAR IN REVIEW 1**  
Chair: Elie Azoulay (Paris, France)  
Chair: Anders Perner (Copenhagen, Denmark)  
**Acute respiratory failure**  
Speaker: Samir Jaber (Montpellier, France)  
Discussion  
**RCTs and systematic reviews**  
Speaker: Anders Perner (Copenhagen, Denmark)  
Discussion  
**Sepsis and septic shock**  
Speaker: Dominique Benoit (Ghent, Belgium)  
Discussion  
**ICM: An ESICM journal**  
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)

Stroke
08:30
Speaker: Elisa Zanier (Milan, Italy)

Discussion
08:45

AKI
08:50
Speaker: Matthieu Legrand (Paris, France)

Discussion
09:05

ARDS
09:10
Speaker: Danny McAuley (Belfast, Ireland)

Discussion
09:25

Thematic Session
08:30 - 09:30
NEXT Lounge

NEXT LOUNGE - MEET THE EXPERTS
Chair: Adrian Wong (Portsmouth, United Kingdom)

Goal directed haemodynamic: The bridge from theatre to ICU
08:30
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)

Debate
08:30
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

IMPROVEMENT OF ANTIMICROBIAL USE

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

EXTENDED-SPECTRUM BETA-LACTAMASE-PRODUCING ENTEROBACTERIACEAE IN CRITICALLY ILL PATIENTS: IMPACT OF CARRIAGE AND INFECTION ON CARBAPENEM CONSUMPTION, DURATION OF ICU STAY, AND MORTALITY
Abstract Presenter: François Barbier (Orléans, France)

09:55

EVALUATION OF ANTIBIOTIC TREATMENT AND ANTIBIOTIC DE-ESCALATION IN A INTENSIVE CARE UNIT WITH SELECTIVE DIGESTIVE DECONTAMINATION
Abstract Presenter: Catalina Sánchez Ramirez (Las Palmas de Gran Canaria, Spain)

10:10

DE-ESCALATING ANTI-PSEUDOMONAL β-LACTAMs
Abstract Presenter: Julie Catteeuw (Ghent, Belgium)

10:25

A RADICAL APPROACH TO DIAGNOSING INFECTION
Abstract Presenter: Niall MacCallum (London, United Kingdom)

10:40

ANTIFUNGAL DE-ESCALATION IS SAFE IN CRITICALLY ILL PATIENTS TREATED FOR SUSPECTED OR DOCUMENTED INVASIVE CANDIDIASIS. DATA FROM THE AMARCAND2 STUDY
Abstract Presenter: Sébastien Bailly (Grenoble, France)

Oral Presentations
09:40 - 11:00

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

09:55

THE MINI-SIGH TEST: A NEW HAEMODYNAMIC TEST OF FLUID RESPONSIVENESS IN ICU PATIENTS UNDERGOING PRESSURE SUPPORT VENTILATION
Abstract Presenter: Antonio Messina (Novara, Italy)

10:10

BALANCED CRYSTALLOID USE IS ASSOCIATED WITH HAEMODYNAMIC STABILITY AND LESS NEED FOR VASOPRESSORS IN PATIENTS RECEIVING RENAL TRANSPLANTATION COMPARED TO 0.9% SALINE
Abstract Presenter: Carmen A. Pfortmueller (Vienna, Austria)

10:25

THE PASSIVE LEG RAISING TEST TO GUIDE FLUID REMOVAL IN CRITICALLY ILL PATIENTS
Abstract Presenter: Xavier Monnet (Kremlin-Bicetre, France)
Scientific Programme

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  Athens

MECHANICAL VENTILATION IN WEANING AND ARDS

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

CONTEMPORARY VENTILATION STRATEGIES AND ADJUNCTIVE THERAPIES FOR ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS) 09:40
Abstract Presenter: Erick H. Duan (Hamilton, Canada)

ULTRA-LOW TIDAL VOLUMES AND EXTRACORPOREAL CARBON DIOXIDE REMOVAL (HEMOLUNG® RAS) IN ARDS PATIENTS. A CLINICAL FEASIBILITY STUDY 09:55
Abstract Presenter: Francisco José Parrilla (Barcelona, Spain)

EFFECTS OF POSITIVE END EXPIRATORY PRESSURE ON REGIONAL VENTILATION-PERFUSION MATCHING AND RESPIRATORY MECHANICS: A CLINICAL STUDY 10:10
Abstract Presenter: Cecilia Turrini (Milan, Italy)

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+)
Abstract Presenter: Rosa Di Mussi (Bari, Italy)

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)

SAFETY, QUALITY AND ORGANISATION OF THE ICU 1

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)

MANAGEMENT OF DELIRIUM, SEDATION AND ANALGESIA

ARE DAILY SEDATION STOPS SAFE IN A MEDICAL ICU? 09:40
Abstract Presenter: Anne-Sophie Debue (Paris, France)
Scientific Programme

**EVALUATION OF RICHMOND AGITATION SEDATION SCALE ACCORDING TO ALVEOLAR CONCENTRATION OF SEVOFLURANE DURING A SEDATION WITH SEVOFLURANE IN ICU PATIENTS**
Abstract Presenter: Sebastien Perbet (Clermont-Ferrand, France)
09:55

**PSYCHOTROPIC DRUG USE BEFORE AND DURING PHYSICAL RESTRAINT FOR MECHANICALLY VENTILATED CRITICALLY ILL ADULTS**
Abstract Presenter: Lisa Burry (Toronto, Canada)
10:10

**RISK FACTORS AND PROGNOSTIC IMPACT OF SLEEP ALTERATIONS IN ICU PATIENTS - A PROSPECTIVE OBSERVATIONAL POLYSOMNOGRAPHIC STUDY**
Abstract Presenter: Alexandre Demoule (Paris, France)
10:25

**SYSTEMIC CORTICOSTEROIDS AND TRANSITION TO DELIRIUM IN CRITICALLY ILL PATIENTS**
Abstract Presenter: Annemiek E. Wolters (Utrecht, Netherlands)
10:40

**UPDATE IN TRAUMA INTENSIVE CARE**
Chair: Kjetil Sunde (Oslo, Norway)
Chair: Karim Asehnoune (Nantes, France)

**S-100 B CONCENTRATIONS ARE A PREDICTOR OF DECREASED SURVIVAL IN PATIENTS WITH MAJOR TRAUMA INDEPENDENTLY OF HEAD INJURY**
Abstract Presenter: Carmen A. Pfortmueller (Vienna, Austria)
09:40

**LONG TERM MORTALITY IN CRITICALLY ILL BURN SURVIVORS**
Abstract Presenter: Kenneth B. Christopher (Boston, United States)
09:55

**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**
Abstract Presenter: Kensuke Kubota (Fukuoka, Japan)
10:10

**THIOREDOXIN IN POST-INJURY SEPSIS AND ARDS**
Abstract Presenter: Andreas Gidlöf (Stockholm, Sweden)
10:25

**THE ROLE OF MICRORNAS IN THE DEVELOPMENT OF HOSPITAL ACQUIRED INFECTION IN POLYTRAUMA PATIENTS**
Abstract Presenter: Helen C. Owen (London, United Kingdom)
10:40

**CARING FOR PATIENTS, FAMILIES AND CAREGIVERS**
Chair: Rik Gerritsen (Leeuwarden, Netherlands)
Chair: Hanne Jensen (Vejle, Denmark)
Scientific Programme

ATTENDING ICU PHYSICIANS AND RESIDENTS DO NOT AGREE ABOUT THE APPLICABILITY OF ADVANCE DIRECTIVES
Abstract Presenter: Nadja Leder (Jena, Germany)

PREDICTORS OF POST-INTENSIVE CARE SYNDROME IN FAMILY MEMBERS OF PATIENTS WITH SEVERE SEPSIS
Abstract Presenter: Daniel Schwarzkopf (Jena, Germany)

PALLIATIVE CARE TEAM CONSULTATION: CIRCUMSTANCES SURROUNDING PATIENTS DEATHS AT THE ICU
Abstract Presenter: Cesar Biselli-Ferreira (São Paulo, Brazil)

EFFECTIVENESS OF DEBRIEFING IN HYBRID SIMULATION FOR COMMUNICATION SKILLS TRAINING IN END-OF-LIFE CARE
Abstract Presenter: Chih-Wei Yang (Taipei, Taiwan, Province of China)

A MULTIFACETED PROGRAMME TO PROMOTE BETTER LIVING IN ICU: IMPACT ON CAREGIVERS' BURNOUT
Abstract Presenter: Pierre-Marie Bertrand (Cannes, France)

Oral Presentations
09:40 - 11:00

METABOLIC DYSFUNCTION IN CRITICAL ILLNESS
Chair: Michael Hiesmayr (Vienna, Austria)
Chair: Steffen Weber-Carstens (Berlin, Germany)

WITHHOLDING STRESS ULCER PROPHYLAXIS TO MECHANICALLY VENTILATED ENTERALLY-FED CRITICALLY ILL PATIENTS APPEARS SAFE: A RANDOMISED DOUBLE-BLIND PLACEBO CONTROLLED PILOT STUDY
Abstract Presenter: Shane Patrick Selvanderan (Adelaide, Australia)

ALBUMIN SYNTHESIS IN STATES OF INFLAMMATION
Abstract Presenter: Åke Norberg (Stockholm, Sweden)

BIOENERGETICS AND METABOLIC PATTERNS IN EARLY ONSET SEVERE SEPSIS OR TRAUMA
Abstract Presenter: T. Tavladaki (Heraklion, Greece)

CRITICALLY ILL PATIENTS WITH ICU-ACQUIRED WEAKNESS SHOW REDUCED DENSITY OF MYOSIN IN ELECTRON MICROSCOPE EARLY AFTER ONSET OF CRITICAL ILLNESS
Abstract Presenter: Theresa Rathke (Berlin, Germany)

DIFFERENCES IN FAT METABOLISM BETWEEN PREDICTED SURVIVORS AND NON-SURVIVORS OF FAECAL PERITONITIS
Abstract Presenter: Anna Kleyman (Jena, Germany)
28th Annual Congress of the European Society of Intensive Care Medicine, 3 - 7 October 2015, Berlin, Germany

Scientific Programme

Oral Presentations
09:40 - 11:00

FROM TRANSLATIONAL TO CLINICAL DATA

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

09:40
SEPSIS ENDO TYPES DEFINED BY CYTOKINE TRAJECTORY ANALYSIS
Abstract Presenter: Gilles Clermont (Pittsburgh, United States)

09:55
THE EFFECT OF EARLY GOAL-DIRECTED THERAPY ON OUTCOME IN ADULT SEVERE SEPSIS AND SEPTIC SHOCK PATIENTS: A META-ANALYSIS OF RANDOMISED CLINICAL TRIALS
Abstract Presenter: Jingyuan Xu (Nanjing, China)

10:10
DETERMINANTS AND PROGNOSTIC VALUE OF SEPSIS-ASSOCIATED ENCEPHALOPATHY: INSIGHTS FROM THE PROSPECTIVE MULTICENTRE OUTCOMEREA REGISTRY
Abstract Presenter: Julien Poujade (Paris, France)

10:25
LONG-TERM FOLLOW-UP OF SEPSIS INDUCED IMMUNOPARALYSIS
Abstract Presenter: Meera Raja (London, United Kingdom)

10:40
EPIDEMIOLOGY OF SEPSIS IN GERMANY: INCIDENCE, MORTALITY AND ASSOCIATED COSTS OF CARE 2007-2013
Abstract Presenter: Carolin Fleischmann (Jena, Germany)

Thematic Session
09:40 - 11:00

NEXT LOUNGE - DEBATE

Chair: Stephen Shepherd (London, United Kingdom)

Decision-making under pressure: Beyond SOP?
Speaker: Jean-Louis Vincent (Brussels, Belgium)
Speaker: Claudia Spies (Berlin, Germany)
Speaker: Jozef Kesecioglu (Utrecht, Netherlands)

LIVES Interactive Debates
09:45 - 10:45

MOBILISATION - BENEFITS TO PATIENTS VS. BURDEN ON STAFF

Chair: Julie Benbenishty (Jerusalem, Israel)

Debate
Speaker: Carole Boulanger (Exeter, United Kingdom)
Speaker: Stijn Blot (Ghent, Belgium)
Speaker: David Mcwilliams (Birmingham, United Kingdom)
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 POLYMETHYL METHACRYLATE (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 DOSSING IN CITRATE RENAL REPLACEMENT THERAPY
Abstract Presenter: Farzad Sadaat (Guildford, United Kingdom)
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

ACUTE RESPIRATORY FAILURE CLINICAL STUDIES 1
Chair: Geoffrey Bellingan (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 Ortin (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)

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 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)

HIGH FLOW NASAL CANNULA IMPROVES LUNG AERATION AND ENHANCES CO2 REMOVAL IN HYPOXEMIC CRITICALLY ILL PATIENTS
Abstract Presenter: Cecilia Turrini (Milan, Italy)
**Scientific Programme**

**WEANING INDEXES DO NOT PREDICT SUCCESS WITH NON INVASIVE MECHANICAL VENTILATION IN EXTUBATION FAILURE**
Abstract Presenter: Oscar Torres (Mexico, Mexico)

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**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 Bouguin (Paris, France)

- **ASSESSMENT OF CHLORIDE LEVELS ON RENAL FUNCTION AFTER CARDIAC ARREST**
  Abstract Presenter: Claudia Rigby 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 Villois (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 Ruknuddeen (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 HYPERTERMIA 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)

- **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
10:10 - 12:00

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: Betülay 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)

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)
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)

CORRELATION BETWEEN FFP TRANSFUSION AND LENGTH OF STAY IN ICU PATIENTS
Abstract Presenter: Aristidis Vakalos (Xanthi, Greece)
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)

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)
Scientific Programme

**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)

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**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: Oscar Martínez González (Aranjuez, Spain)

**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)

NUTRITION - HOW TO IMPROVE? 1

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 SUPPLEMENTATION 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)

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)

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’Hospitala 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)

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®) 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

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)

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)

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 MESUARED 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 SEVER SEPSIS AND SEPTIC SHOCK?
Abstract Presenter: Danielle H. Prevedello (Curitiba, Brazil)

OUTCOMES IN PATIENTS WITH SEVER SEPSIS OR SEPTIC SHOCK WITH A URINARY SOURCE OF INFECTION IN THE ICU
Abstract Presenter: Mª 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)

INTRA-ABDOMINAL INFECTIONS

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)

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)

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)

IMMUNOSSUPRESSED 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 MICRORGANISMS 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: Eleni Molinos (Matosinhos, Portugal)

ACINETOBACTER BAUMANNII EXTREMELY RESISTANT OUTBREAK CONTROL IN ICU: A MULTIDISCIPLINARY APPROACH
Abstract Presenter: Manuel Muñoz (Granada, Spain)
Scientific Programme

ANALYSIS OUTBREAK METHICILLIN-RESISTANT S. AUREUS (MRSA) IN OUR UNIT. DESCRIPTION OF THE CONTROL MEASURES
Abstract Presenter: María Herreros Gonzalo (Talavera de la Reina, Spain)

CHARACTERISTICS OF ISOLATED MULTIREISTANT 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

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

Clinical Challenges Session
11:00 - 11:50

HOW DO I MANAGE PEEP SETTING IN ARDS? TABLES VS PHYSIOLOGICAL RESPONSE
Chair: LucianoGattinoni (Milan, Italy)

Presentation
Speaker: Paolo Pelosi (Genova, Italy)

Thematic Session
11:00 - 12:00

KEY TOPICS IN BURN CARE
Chair: Matthieu Legrand (Paris, France)
Chair: Marc Léone (Marseille, France)


**Scientific Programme**

**Fluid balance after severe burns**  
Speaker: Matthieu Legrand (Paris, France)  
Discussion  
11:00

**Infection control in burn patients**  
Speaker: Anne Berit Guttormsen (Bergen, Norway)  
Discussion  
11:15

**Nutrition of the critically ill burn patient**  
Speaker: Carole Ichai (Nice, France)  
Discussion  
11:30

**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?**  
Speaker: Terence O'Reilly (London, United Kingdom)  
Discussion  
11:00

**Limiting the impact**  
Speaker: Jos Latour (Plymouth, United Kingdom)  
Discussion  
11:15

**Single ICU rooms are family-centred care environments**  
Speaker: Silvia Calvino Günther (Grenoble, France)  
Discussion  
11:30

**Clinical Challenges Session**  
11:00 - 11:50  
**Rome**

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

Chair: Romain Sonneville (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)

HOW DO I INVESTIGATE AND TREAT NON-INFECTIOUS DIARRHOEA?
Chair: Sonja Fruhwald (Graz, Austria)
Presentation
Speaker: Annika Reintam Blaser (Tartu, Estonia)

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?
Speaker: Armand Girbes (Amsterdam, Netherlands)
Discussion
"Euthanasia" - Self-realisation or manslaughter?
Speaker: Andrej Michalsen (Tettnang, Germany)
Discussion
"Brain dead or stone-dead" - Fossilised concepts?
Speaker: Bob Truog (Boston, United States)
Discussion
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  
Lisbon

**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  
Rome

**INDUSTRY SPONSORED SESSION**

Industry Sponsored Session  
12:30 - 14:00  
Geneva
28th Annual Congress of the European Society of Intensive Care Medicine,
3 - 7 October 2015,
Berlin, Germany

Scientific Programme

Industry Sponsored Session
12:30 - 14:00

INDUSTRY SPONSORED SESSION

Industry Sponsored Session
12:30 - 14:00

INDUSTRY SPONSORED SESSION

Industry Sponsored Session
12:30 - 14:00

INDUSTRY SPONSORED SESSION

Industry Sponsored Session
12:30 - 14:00

INDUSTRY SPONSORED SESSION

Business Meeting
14:00 - 14:30

Appointment Research Project Antibiotic

Chair: Daniel De Backer (Brussels, Belgium)
Participant: Jan De Waele (Ghent, Belgium)
Participant: Jeffrey Lipman (Brisbane, Australia)
Participant: Joel Alexandre (Brussels, Belgium)

Poster Corner
14:00 - 15:50

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)
**Scientific Programme**

**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)

**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

**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)
Scientific Programme

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)

RELATIONSHIP BETWEEN TRANSCUTANEOUS CO2 MEASUREMENT AND PACO2 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)

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 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)

EVALUATION OF THE RELATION BETWEEN RESPIRATORY MUSCLE PRESSURE (PMUS) AND DIAPHRAGMATIC THICKNESS IN ICU PATIENTS VENTILATED WITH PROPORTIONAL ASSIST VENTILATION (PAV). A PRELIMINARY STUDY
Abstract Presenter: George Minas (Nicosia, Cyprus)

VERBAL COMMUNICATION IN TRACHEOSTOMISED MECHANICALLY VENTILATED PATIENTS LEADS TO IMPROVED RESPIRATORY MECHANICS
Abstract Presenter: Anna-Liisa Sutt (Brisbane, Australia)

THE USE OF VO2 AND VCO2 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)

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 FIO2. A BENCH STUDY
Abstract Presenter: Loredana Baboi (Lyon, France)
Scientific Programme

CHALLENGES ENCOUNTERED IN EMPLOYING A LOW TIDAL VOLUME VENTILATION STRATEGY IN PATIENTS AT RISK OF ARDS
Abstract Presenter: Richard Fisher (London, United Kingdom)

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 (Wroclaw, 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)

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)

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 ΔSOFA 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)

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 (≤1 HOUR) - DOES IT REALLY MAKE A BIG DIFFERENCE IN OUTCOME? AN ANALYSIS**
Abstract Presenter: Arindam Kar (Kolkata, India)

**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)

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**Poster Corner**
14:00 - 15:50

**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)

INTERUPTION 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-VENOUS ECMO
Abstract Presenter: Danielle E. Bear (London, United Kingdom)
**Scientific Programme**

**Poster Corner**
14:00 - 15:50

**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 Llompart-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)

**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)

PERIOPERATIVE 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

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)

REMFENTANIL 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 EXUTUBATION 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)

BIOMARKERS IN SEPSIS AND INFECTION 1
Chair: Olaf Cremer (Utrecht, Netherlands)
Chair: Didier Payen (Paris, France)

CYTOKINE LEVELS IS 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-REA CREATIVE 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 TROPONINE 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-INFECTIONOUS SYSTEMIC INFLAMMATORY RESPONSE SYNDROME
Abstract Presenter: Sara Fernández (Barcelona, Spain)

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)
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 (Nimes, France)

THE PHARMACOKINETICS OF TIGECYCLINE IN CRITICALLY ILL ADULT PATIENTS UNDERGOING CVVHD
Abstract Presenter: Miroslaw 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 BAUMANII
Abstract Presenter: Panagiotis Alexandropoulos (Athens, Greece)

Poster Corner
14:00 - 15:50

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 CARRIBEAN OUTBREAK 2013 - 2014
Abstract Presenter: Guillaume Thiery (Les Abymes, France)
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)

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 HEMATOLOGIC 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 Sarmet Cunha Farah Rabello (Rio de Janeiro, Brazil)

Thematic Session
14:15 - 15:45

HOW TO ASSESS FLUID RESPONSIVENESS?
Chair: Jean-Louis Teboul (Kremlin-Bicetre, France)
Chair: Michael Pinsky (Pittsburgh, United States)

...from a fluid challenge
Speaker: Jean-Louis Vincent (Brussels, Belgium) 14:15

Discussion 14:30

...from the arterial pressure curve
Speaker: Azriel Perel (Tel Aviv, Israel) 14:33

Discussion 14:48

...from the passive leg raising test
Speaker: Xavier Monnet (Kremlin-Bicetre, France) 14:51

Discussion 15:06

...from the end-expiratory occlusion test
Speaker: Jean-Louis Teboul (Kremlin-Bicetre, France) 15:09

Discussion 15:24
**Scientific Programme**

...by echocardiography  
Speaker: Michel Slama (Amiens, France)  
Discussion

Thematic Session  
14:15 - 15:45  
Lisbon

**MANAGEMENT OF CARDIOGENIC SHOCK COMPLICATING AMI IN 2015**

Chair: Alain Cariou (Paris, France)  
Chair: Dirk Donker (Utrecht, Netherlands)  
Which monitoring?  
Speaker: Alain Cariou (Paris, France)  
Discussion

Which biomarkers?  
Speaker: Alexandre Mebazaa (Paris, France)  
Discussion

Vasopressor therapy: Norepinephrine or epinephrine?  
Speaker: Bruno Levy (Vandoeuvre les Nancy, France)  
Discussion

Inotropic therapy: Dobutamine or inodilators?  
Speaker: Steve Hollenberg (Camden, United States)  
Discussion

Place of ECMO and other mechanical assist devices  
Speaker: Dirk Donker (Utrecht, Netherlands)  
Discussion

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)  
Real time data analytics in the ICU: How to use them in patient-centred quality improvement?  
Speaker: Leo Anthony Celi (Boston, United States)  
Discussion

A nursing sensitive view to clinical documentation: Pearls and pitfalls  
Speaker: Carole Boulanger (Exeter, United Kingdom)
Scientific Programme

Discussion 14:48
The fine line between audiovisual information and distraction in the ICU 14:51
Speaker: Max Jonas (Southampton, United Kingdom)

Discussion 15:06
Personalised medicine VS patient-centred care: The basic science perspective 15:09
Speaker: Jean-Daniel Chiche (Paris, France)

Discussion 15:24
e-ICU: A cost-benefit analysis for successful decision making 15:27
Speaker: Marius Terblanche (London, United Kingdom)

Discussion 15:42

Thematic Session
14:15 - 15:45 Barcelona

DRUG INDUCED AKI

Chair: Wilfred Druml (Vienna, Austria)
Chair: Michael Darmon (Saint-Etienne, France)

How big is the problem? 14:15
Speaker: John Kellum (Pittsburgh, United States)

Discussion 14:30

What are the mechanisms? 14:33
Speaker: Lui Forni (Guildford, United Kingdom)

Discussion 14:48

When to suspect? 14:51
Speaker: Heleen Oudemans-van Straaten (Amsterdam, Netherlands)

Discussion 15:06

How to diagnose? 15:09
Speaker: Olivier Joannes-Boyau (Pessac, France)

Discussion 15:24

How to avoid? 15:27
Speaker: Patrick Honoré (Brussels, Belgium)

Discussion 15:42
Scientific Programme

Thematic Session
14:15 - 15:45  

**LIVER MANAGEMENT**

Chair: Carole Ichai (Nice, France)
Chair: Michael Casaer (Leuven, Belgium)

**Management and monitoring of major liver resection**  
14:15  
Speaker: Julia Wendon (London, United Kingdom)

**Discussion**  
14:30  

**How to handle variceal bleeding**  
14:33  
Speaker: Karin Amrein (Graz, Austria)

**Discussion**  
14:48

**Acute on chronic liver failure management**  
14:51  
Speaker: Kenneth B. Christopher (Boston, United States)

**Discussion**  
15:06  

**Septic liver dysfunction: How do we prevent it?**  
15:09  
Speaker: Valentin Fuhrmann (Hamburg, Germany)

**Discussion**  
15:24  

**Drug dosing adaptations in liver failure**  
15:27  
Speaker: Julia Wendon (London, United Kingdom)

**Discussion**  
15:42

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

**ACUTE RESPIRATORY FAILURE IN THE PATIENT WITH COPD**

Chair: Laurent Brochard (Toronto, Canada)
Chair: Giacomo Bellani (Monza, Italy)

**Drug therapy in the mechanically ventilated COPD patient**  
14:15  
Speaker: Salvatore Maggiore (Rome, Italy)

**Discussion**  
14:30  

**Low flow CO2 removal in COPD patients**  
14:33  
Speaker: Thomas Bein (Regensburg, Germany)

**Discussion**  
14:48  

**Acute heart failure in the COPD patient**  
14:51  
Speaker: Marco Maggiorini (Zurich, Switzerland)

**Discussion**  
15:06  

**Early mobilisation and physiotherapy of the COPD patient**  
15:09  
Speaker: Claude Guérin (Lyon, France)
Scientific Programme

Discussion  
Relevance of intrinsic PEEP in the mechanically ventilated COPD patient  
Speaker: Giacomo Bellani (Monza, Italy)  
Discussion

State of the Art Session  
14:15 - 15:45  
NEW TOOLS IN TRAUMA MANAGEMENT  
Chair: Kjetil Sunde (Oslo, Norway)  
Chair: Dietmar Fries (Innsbruck, Austria)  
Tourniquets  
Speaker: Marc Léone (Marseille, France)  
Discussion

Transcranial doppler ultrasonography  
Speaker: Jacques Duranteau (Kremlin-Bicetre, France)  
Discussion

Resuscitative endovascular balloon occlusion of the aorta  
Speaker: Matthew Thomas (Bristol, United Kingdom)  
Discussion

Local haemostyptics  
Speaker: Dietmar Fries (Innsbruck, Austria)  
Discussion

Airway management in trauma patients  
Speaker: Matthew Thomas (Bristol, United Kingdom)  
Discussion

Continuous Professional Education Session  
14:15 - 15:45  
QUALITY INDICATORS, WHAT TO CHOOSE?  
Chair: Steffen Christensen (Aarhus, Denmark)  
Chair: Pascale Gruber (London, United Kingdom)  
Standardised mortality ratio  
Speaker: Rui Paulo Moreno (Lisbon, Portugal)  
Discussion

Health related quality of life  
Speaker: Francesca Rubulotta (London, United Kingdom)
Scientific Programme

Discussion 14:48

Family indicators 14:51
Speaker: Christina Jones (Liverpool, United Kingdom)

Discussion 15:06

Error reporting 15:09
Speaker: Andreas Valentin (Schwarzach, Austria)

Discussion 15:24

Economic indicators 15:27
Speaker: Philipp Metnitz (Vienna, Austria)

Discussion 15:42

Continuous Professional Education Session
14:15 - 15:45

OPTIMISATION OF ANTIBIOTIC THERAPY FOR MDR

Chair: Philippe Montravers (Paris, France)
Chair: John Prowle (London, United Kingdom)

Right diagnostic tests 14:15
Speaker: Jean-Ralph Zahar (Angers, France)

Discussion 14:30

Right drug 14:33
Speaker: Garyphalia Poulakou (Athens, Greece)

Discussion 14:48

Right dose 14:51
Speaker: Jan De Waele (Ghent, Belgium)

Discussion 15:06

Right route 15:09
Speaker: Marc Léone (Marseille, France)

Discussion 15:24

When to stop 15:27
Speaker: Christian Brun-Buisson (Créteil, France)

Discussion 15:42
Scientific Programme

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

ORGAN CROSSTALK IN SEPSIS
Chair: Ignacio Martin-Loeches (Dublin, Ireland)
Chair: Mervyn Singer (London, United Kingdom)

Lungs in sepsis
Speaker: Antonio Artigas (Barcelona, Spain)
14:15

Discussion
14:30

Brain in sepsis
Speaker: Tarek Sharshar (Paris, France)
14:33

Discussion
14:48

Heart in sepsis
Speaker: Ricard Ferrer Roca (Barcelona, Spain)
14:51

Discussion
15:06

Kidneys in sepsis
Speaker: Anders Perner (Copenhagen, Denmark)
15:09

Discussion
15:24

Liver in sepsis
Speaker: Karim Asehnoune (Nantes, France)
15:27

Discussion
15:42

Thematic Session
14:15 - 15:00

NEXT LOUNGE - EXPERTS IN THE HOT SEAT
Chair: Manuel Eduardo Mendoza Ruano (Las Palmas de Gran Canaria, Spain)

Extracorporeal CO2 removal for a more protective ventilation
Speaker: Alain Combes (Paris, France)
Speaker: Peter Schellongowski (Vienna, Austria)
14:15

LIVES Interactive Debates
14:15 - 15:15

SELECTIVE DECONTAMINATION OF THE DIGESTIVE TRACT: IF, WHEN, WHERE, HOW?
Chair: Jozef Kesecioglu (Utrecht, Netherlands)

Debate
Speaker: Philippe Eggimann (Lausanne, Switzerland)
Speaker: Anne Marie G. A. de Smet (Groningen, Netherlands)
Speaker: Christian Brun-Buisson (Créteil, France)
14:15
Scientific Programme

Thematic Session
15:00 - 15:45

NEXT LOUNGE - INTENSIVE CARE TRAINING
Chair: Matthias Hilty (Zurich, Switzerland)

Workforce planning 15:00
Speaker: Jukka Takala (Bern, Switzerland)
Speaker: Geoffrey Bellingan (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

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

Discussion 16:55
Development and evaluation of strategies to improve sedation quality in intensive care: The DESIST trial 17:00
Speaker: Timothy Walsh (Edinburgh, United Kingdom)

Comments 17:12
Speaker: Giuseppe Citerio (Monza, Italy)

Discussion 17:15
Paracetamol for treatment of fever in ICU patients with likely infection 17:20
Speaker: Paul Young (Wellington, New Zealand)

Comments 17:32
Speaker: Howard Bauchner (Boston, United States)

Discussion 17:35
Inhaled nitric oxide for acute chest syndrome in adult sickle cell patients: A randomised controlled study 17:40
Speaker: Bernard Maitre (Créteil, France)

Comments 17:52
Speaker: Elie Azoulay (Paris, France)

Discussion 17:55

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)

Is there a role for pharmacologic therapies? 16:00
Speaker: Stephan Mayer (New York, United States)

Discussion 16:15
Induced hypertension: Which vasoactive drug? 16:20
Speaker: Stefan Wolf (Berlin, Germany)

Discussion 16:35
What about inotropes? 16:40
Speaker: Thomas Geeraerts (Toulouse, France)

Discussion 16:55
Haemoglobin and transfusion: Which targets? 17:00
Speaker: Fabio Silvio Taccone (Brussels, Belgium)

Discussion 17:15
Scientific Programme

Haemodynamic monitoring: Which tools?  
Speaker: Pedro Kurtz (Rio de Janeiro, Brazil)  
Discussion  

When to go to interventional radiology?  
Speaker: Raimund Helbok (Innsbruck, Austria)  
Discussion

Thematic Session  
16:00 - 18:00

HAEMODYNAMICS IN SEPSIS: QUO VADIS?  
Chair: Claude Martin (Marseille, France)  
Chair: Ricard Ferrer Roca (Barcelona, Spain)  

Surviving Sepsis Campaign: 2015 update  
Speaker: Mitchell Levy (Providence, United States)  
Discussion  

Fluid administration: Generous or restricted?  
Speaker: Gernot Marx (Aachen, Germany)  
Discussion  

Are high doses of catecholamines useful?  
Speaker: Claude Martin (Marseille, France)  
Discussion  

Inotropes: Is one better than the other?  
Speaker: Steve Hollenberg (Camden, United States)  
Discussion  

Guidelines or individualised treatment?  
Speaker: Richard Beale (London, United Kingdom)  
Discussion  

What did we learn from early goal-directed trials  
Speaker: Derek Angus (Pittsburgh, United States)  
Discussion  

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Scientific Programme

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)

- **Background I: ICU acquired weakness-Basic science state of the art**
  Speaker: Steffen Weber-Carstens (Berlin, Germany)
  16:00

- **Discussion**
  16:15

- **Background II: ICU acquired weakness-Clinical state of the art**
  Speaker: Margaret Herridge (Toronto, Canada)
  16:20

- **Discussion**
  16:35

- **Rationale for early mobility and current evidence**
  Speaker: Jesse Hall (Chicago, United States)
  16:40

- **Discussion**
  16:55

- **Should patients be cycling?**
  Speaker: David Mcwilliams (Birmingham, United Kingdom)
  17:00

- **Discussion**
  17:15

- **What is the role for electrical muscle stimulation on its own or as an adjunct?**
  Speaker: John P. Kress (Chicago, United States)
  17:20

- **Discussion**
  17:35

- **Early mobility as an ICU practice standard: Should this be prioritised as part of the "Choosing Wisely" Campaign?**
  Speaker: Terri Hough (Seattle, United States)
  17:40

- **Discussion**
  17:55

Thematic Session
16:00 - 18:00
Rome

**HOT TOPICS IN ARDS**

Chair: Arthur Slutsky (Toronto, Canada)
Chair: Claude Guérin (Lyon, France)

- **VILI: Driving pressure and survival**
  Speaker: Arthur Slutsky (Toronto, Canada)
  16:00

- **Discussion**
  16:15

- **VILI energy is what counts**
  Speaker: Marcus Schultz (Amsterdam, Netherlands)
  16:20

- **Discussion**
  16:35
Scientific Programme

Transpulmonary and transalveolar presssure in assisted breathing
Speaker: Antonio Pesenti (Monza, Italy)

Discussion

16:55

Proning ARDS patients: How far are we?
Speaker: Claude Guérin (Lyon, France)

Discussion

17:00

Under recognition of ARDS: Incidence and consequences
Speaker: John Laffey (Toronto, Canada)

Discussion

17:15

How do we ventilate ARDS patients? Results from the LUNG-SAFE study
Speaker: Giacomo Bellani (Monza, Italy)

Discussion

17:55

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)

Pathophysiology of coma and disorders of consciousness in the ICU
Speaker: Arjen Slooter (Utrecht, Netherlands)

Discussion

16:01

Measuring consciousness in severely damaged brains: A comprehensive approach
Speaker: David Menon (Cambridge, United Kingdom)

Discussion

16:35

Clinical scales: Is the Glasgow Coma Scale enough ?
Speaker: Tarek Sharshar (Paris, France)

Discussion

16:55

Electrophysiology
Speaker: Janneke Horn (Amsterdam, Netherlands)

Discussion

17:15

Neuroimaging
Speaker: Stephan Mayer (New York, United States)

Discussion

17:35

Can we modulate the recovery of consciousness? Potential therapies for the future
Speaker: David Menon (Cambridge, United Kingdom)

Discussion

17:55
Scientific Programme

Thematic Session
16:00 - 18:00

CONTROL OF NOSOCOMIAL INFECTION AND MDR SPREAD IN ICU

Chair: Jan De Waele (Ghent, Belgium)
Chair: Christian Brun-Buisson (Créteil, France)

The ten key issues of prevention of catheter-related infections 16:00
Speaker: Jean-François Timsit (Paris, France)

Discussion 16:15

Nosocomial infections and MDR organisms: The benefits of surveillance 16:20
Speaker: Stijn Blot (Ghent, Belgium)

Discussion 16:35

The ten key issues of prevention of ventilator associated pneumonia 16:40
Speaker: Jeffrey Lipman (Brisbane, Australia)

Discussion 16:55

Antiseptic body washing: The pro and the con 17:00
Speaker: Jean-Ralph Zahar (Angers, France)

Discussion 17:15

When and how to isolate patients with multiresistant bugs? 17:20
Speaker: Christian Brun-Buisson (Créteil, France)

Discussion 17:35

Attributable morbidity and mortality of multiresistant bacteria in ICU 17:40
Speaker: Ignacio Martin-Loeches (Dublin, Ireland)

Discussion 17:55

Continuous Professional Education Session
16:00 - 18:00

WEANING FROM MECHANICAL VENTILATION

Chair: Alain Mercat (Angers, France)
Chair: Jordi Mancebo Cortes (Barcelona, Spain)

Predicting weaning and extubation 16:00
Speaker: Jordi Mancebo Cortes (Barcelona, Spain)

Discussion 16:15

Classification of patients 16:20
Speaker: Laurent Brochard (Toronto, Canada)

Discussion 16:35

NIV: Is it a natural tool within the procedure? 16:40
Speaker: Miquel Ferrer (Barcelona, Spain)
Discussion
Cardiovascular failure is failure in weaning!
Speaker: Antoine Vieillard-Baron (Boulogne, France)
Discussion
Nasal high-flow therapy after extubation
Speaker: Salvatore Maggiore (Rome, Italy)
Discussion
Protocols: Do they work?
Speaker: Marco Ranieri (Turin, Italy)
Discussion

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)

The future of goal directed haemodynamic management in cardiac surgery
Speaker: Michael Sander (Giessen, Germany)
Discussion
Fluids in cardiac surgery - Crystalloids, artificial colloids or albumin?
Speaker: Sascha Treskatsch (Berlin, Germany)
Discussion
TEE monitoring of the cardiac patient - Recommendations from the EACTA ECHO committee
Speaker: Donna Greenhalgh (Manchester, United Kingdom)
Discussion
Transfusion triggers in cardiac surgery
Speaker: Matthias Wolff (Giessen, Germany)
Discussion
Mechanical assist management - Recommendations from the EACTA ICU committee
Speaker: Alain Vuylsteke (Cambridge, United Kingdom)
Discussion
Delirium after cardiac surgery - Diagnosis and management
Speaker: Arjen Slooter (Utrecht, Netherlands)
Discussion
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)

**Inotropes: When and which?**  
Speaker: Steve Hollenberg (Camden, United States)  
16:00

**Discussion**  
16:15

**Fluids: Which type and how much?**  
Speaker: Anders Perner (Copenhagen, Denmark)  
16:20

**Discussion**  
16:35

**Vasopressors: When and which?**  
Speaker: Peter Radermacher (Ulm, Germany)  
16:40

**Discussion**  
16:55

**Targets of resuscitation**  
Speaker: Ignacio Martin-Loeches (Dublin, Ireland)  
17:00

**Discussion**  
17:15

**The place of echocardiography**  
Speaker: Michel Slama (Amiens, France)  
17:20

**Discussion**  
17:35

**The place of invasive monitoring devices**  
Speaker: Andrew Rhodes (London, United Kingdom)  
17:40

**Discussion**  
17:55

Thematic Session
16:00 - 17:00
NEXT Lounge

NEXT LOUNGE - YOUNG LECTURER AWARD

**Basics of mechanical ventilation**  
Speaker: Mohamed Omar Elghonemi (Cairo, Egypt)  
16:00

**Simbulance: The design, development and evaluation of a level 3 patient transfer course**  
Speaker: James Doyle (Surrey, United Kingdom)  
16:20

**Clinically-integrated chest ultrasound in critically ill patients**  
Speaker: Daniele Guerino Biasucci (Rome, Italy)  
16:40
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 DecublICUs**
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
Scientific Programme

Industry Sponsored Session
18:15 - 19:15

INDUSTRY SPONSORED SESSION
28th Annual Congress of the European Society of Intensive Care Medicine, 3 - 7 October 2015, Berlin, Germany

Scientific Programme

Tuesday, 06 October 2015

Keynote Lecture
08:00 - 08:25

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

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

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
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 Casaer (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)
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)

Lung
Speaker: Luciano Gattinoni (Milan, Italy)

Heart
Speaker: Sheldon Magder (Montreal, Canada)

Circulation
Speaker: Can Ince (Amsterdam, Netherlands)

Metabolic
Speaker: Bruno Levy (Vandoeuvre les Nancy, France)

Kidney
Speaker: John Kellum (Pittsburgh, United States)

Bioenergetic
Speaker: Mervyn Singer (London, United Kingdom)

Oxygen
Speaker: Peter Radermacher (Ulm, Germany)

Acidosis and carbon dioxide
Speaker: Brian Kavanagh (Toronto, Canada)

Discussion

Thematic Session
08:30 - 09:30
NEXT Lounge

NEXT LOUNGE - 2020: THE FUTURE OF INTENSIVE CARE

Chair: Lara Prisco (Cambridge, United Kingdom)

Brain injury & network dysfunction: Is the unresponsive patient unconscious?
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
08:30
Speaker: Richard Beale (London, United Kingdom)
Speaker: Antonio Artigas (Barcelona, Spain)
Speaker: Mitchell Levy (Providence, United States)

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)

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)
28th Annual Congress of the European Society of Intensive Care Medicine, 3 - 7 October 2015, Berlin, Germany

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
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
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
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
Abstract Presenter: Alexander Zarbock (Münster, Germany)

Oral Presentations
09:40 - 11:00 Lisbon

CLINICAL STUDIES IN ACUTE RESPIRATORY FAILURE
Chair: Claude Guérin (Lyon, France)
Chair: Samir Jaber (Montpellier, France)

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)
Abstract Presenter: Philippe Jolliet (Lausanne, Switzerland)
Scientific Programme

CONSERVATIVE VERSUS LIBERAL OXYGENATION TARGETS FOR MECHANICALLY VENTILATED PATIENTS: PILOT MULTICENTRE RANDOMISED TRIAL 09:55
Abstract Presenter: Gilles Capellier

AUTOMATION OF OXYGEN TITRATION IN PATIENTS WITH ACUTE RESPIRATORY DISTRESS AT THE EMERGENCY DEPARTMENT. A MULTICENTRIC INTERNATIONAL RANDOMISED CONTROLLED STUDY 10:10
Abstract Presenter: François Lellouche (Lac-Beauport, Canada)

HIGH FLOW NASAL CANNULA OXYGEN THERAPY IN IMMUNOCOMPROMISED PATIENTS WITH ACUTE HYPOXEMIC RESPIRATORY FAILURE 10:25
Abstract Presenter: Jean-Pierre Frat (Poitiers, France)

PROGNOSIS OF MECHANICALLY VENTILATED PATIENTS ENTERING THE WEANING PROCESS 10:40
Abstract Presenter: Gaetan Beduneau (Rouen, France)

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 HYERDYNAMIC SEPTIC SHOCK 09:40
Abstract Presenter: Vanina S. Kanoore Edul (Buenos Aires, Argentina)

MICROCIRCULATORY ALTERATIONS ARE MORE SEVERE IN ANEMIC THAN IN ISCHEMIC HYPOXIA 09:55
Abstract Presenter: Arnaldo Dubin (La Plata, Argentina)

DEXMEDETOMIDINE AMELIORATES GUT LACTATE PRODUCTION AND IMPAIRMENT OF EXOGENOUS LACTATE CLEARANCE IN AN ENDOTOXIC SHEEP MODEL 10:10
Abstract Presenter: Glenn Hernandez (Santiago, Chile)

ACCURACY OF AN AUTOMATIC ANALYSIS SOFTWARE TO DETECT MICROVASCULAR DENSITY PARAMETERS 10:25
Abstract Presenter: Andrea Carsetti (Ancona, Italy)

THERMAL CHALLENGE OF THE MICROCIRCULATION IN PATIENTS AFTER CARDIAC SURGERY 10:40
Abstract Presenter: Diego Orbegozo Cortes (Brussels, Belgium)
IS THERE ANYTHING NEW IN SEPSIS MANAGEMENT?

Chair: Romain Sonneville (Paris, France)
Chair: Mervyn Singer (London, United Kingdom)

EARLY ADMINISTRATION OF LOW DOSE NOREPINEPHRINE FOR THE PREVENTION OF ORGAN DYSFUNCTIONS IN PATIENTS WITH SEPSIS
Abstract Presenter: Mustafa K. Arslantas (Istanbul, Turkey)

THE IMPROVE IMMUNE FUNCTION OF HAEMOFILTRATION COMBINE WITH HA HAEMOADSORPTION IN HLA - DR LOW EXPRESSION OF SEPSIS PATIENTS
Abstract Presenter: LiJun Ying (Shaoxing, China)

GAMMA-IRRADIATED BACILLE CALMETTE-GUÉRIN VACCINATION DOES NOT MODULATE THE INNATE IMMUNE RESPONSE DURING EXPERIMENTAL HUMAN ENDOTOXEMIA
Abstract Presenter: Linda A.C. Hamers (Nijmegen, Netherlands)

THE EFFECT OF ENDOTOXIN ADSORBER HAEMOPERFUSION ON MICROCIRCULATION IN SEPTIC PIGS
Abstract Presenter: Yu-Chang Yeh (Taipei, Taiwan, Province of China)

HYPOXIA AND HYPOXIA-MIMETICS ATTENUATE THE INFLAMMATORY RESPONSE DURING MURINE ENDOTOXEMIA
Abstract Presenter: Dorien Kiers (Nijmegen, Netherlands)

SAFETY, QUALITY AND ORGANISATION OF THE ICU 2

Chair: Geoffrey Bellingan (London, United Kingdom)
Chair: Derek Angus (Pittsburgh, United States)

SAFETY CULTURE IN INTENSIVE CARE IN FRANCE: IS THERE A LINK WITH MORBI-MORTALITY CONFERENCES?
Abstract Presenter: Cédric Bretonnière (Nantes, France)

CIRCADIAN RHYTHM DISRUPTION EXISTS IN ICU PATIENTS
Abstract Presenter: Krisztian Kiss (Szeged, Hungary)

PROCEDURAL AND EDUCATIONAL INTERVENTIONS TO REDUCE VENTILATOR-ASSOCIATED PNEUMONIA RATE: TWO YEARS OF A NATIONAL REGISTRATION PROGRAMME
Abstract Presenter: Pascal Reper (Brussels, Belgium)

IMPACT OF TRIALS ON CLINICAL PRACTICE: INTERVENTIONS IN SEPTIC SHOCK PATIENTS BETWEEN 2005 AND 2013
Abstract Presenter: Andrew Jones (London, United Kingdom)

COMPLICATIONS OF INTUBATION IN AN ACADEMIC MEDICAL-SURGICAL ICU
Abstract Presenter: Kevin Shore (Toronto, Canada)
Scientific Programme

Oral Presentations
09:40 - 11:00

**MECHANISMS OF SEPSIS**

Chair: Diederik Gommers (Rotterdam, Netherlands)
Chair: Antoine Vieillard-Baron (Boulogne, France)

- **MODULATION OF INFLAMMATORY RESPONSE RELATED TO SEVERE PERITONITIS BY POLYMYXIN-B HAEMOPERFUSION**
  Abstract Presenter: Remi Coudroy (Poitiers, France) 09:40
- **LOW DOSE IMMUNOGLOBULIN G FOR TREATMENT OF SEVERE SEPSIS AND SEPTIC SHOCK**
  Abstract Presenter: Yusuke Iizuka (Saitama, Japan) 09:55
- **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)**
  Abstract Presenter: Vimal Grover (London, United Kingdom) 10:10
- **THE INTERACTION BETWEEN ROS GENERATION AND FAS SIGNALING IN REGULATION OF LPS-INDUCED LUNG EPITHELIAL CELL APOPTOSIS**
  Abstract Presenter: Wei-Chieh Lin (Tainan, Taiwan, Province of China) 10:25
- **MYOCARDIAL IMPACT AND CARDIOPROTECTIVE EFFECTS OF APELIN-13 AND A C-TERMINAL-MODIFIED ANALOG DURING LPS AND CLP EXPERIMENTAL SEPSIS**
  Abstract Presenter: Olivier Lesur (Sherbrooke, Canada) 10:40

Oral Presentations
09:40 - 11:00

**TRAUMATIC BRAIN INJURY**

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

- **TRAUMATIC BRAIN INJURY, NUTRITIONAL STATUS AND OUTCOMES: A REGISTRY BASED COHORT STUDY**
  Abstract Presenter: Kenneth B. Christopher (Boston, United States) 09:40
- **EVALUATION OF DEEP VEIN THROMBOSIS IN PATIENTS WITH SEVERE TRAUMATIC BRAIN INJURIES**
  Abstract Presenter: Paola Mendez (San Antonio, United States) 09:55
- **THE IMPACT OF FLUID BALANCE ON INTRACRANIAL PRESSURE IN PATIENTS WITH TRAUMATIC BRAIN INJURY**
  Abstract Presenter: Elizabeth Moore (Melbourne, Australia) 10:10
- **PARAMETRIC RESPONSE MAP (PRM) IS A PROMISING TOOL FOR THE MONITORING OF POST TRAUMATIC CEREBRAL OEDEMA**
  Abstract Presenter: Jules Grèze (Grenoble, France) 10:25
- **ICP AND CPP MANAGEMENT BEFORE AND AFTER 2007: IMPACT ON THE ASSOCIATION BETWEEN DOSE OF ICP AND OUTCOME**
  Abstract Presenter: Stefan Boeckx (Leuven, Belgium) 10:40
Scientific Programme

Oral Presentations
09:40 - 11:00

PRACTICE ADVANCES FOR N&AHPS

Chair: Carole Boulanger (Exeter, United Kingdom)
Chair: Elsa P. Afonso (Cambridge, United Kingdom)

A 3 MONTHS FOLLOW-UP OF FUNCTIONAL DEPENDENCY, MUSCLE STRENGTH, BALANCE AND ENDURANCE IN LONG-STAY ICU PATIENTS; ASSOCIATION WITH REHABILITATION PROGRAMMES
Abstract Presenter: Anja van Wieren (Leeuwarden, Netherlands) 09:40

DELIVERING INTRAPULMONARY PERCUSSION VENTILATION PHYSIOTHERAPY WITH ASSISTED AUTOGENIC DRAINAGE IS ASSOCIATED WITH A LOWER INCIDENCE OF VENTILATOR-ASSOCIATED GRAM-NEGATIVE INFECTION
Abstract Presenter: Marianne Borremans (Brussels, Belgium) 09:55

CAPACITY BUILDING FOR CRITICAL CARE SKILLS TRAINING PROVISION IN RESOURCE LIMITED SETTINGS: THE NURSING INTENSIVE CARE SKILLS TRAINING (NICST) PROJECT
Abstract Presenter: Tim Stephens (London, United Kingdom) 10:10

A COLLABORATIVE APPROACH TO TRAINING WARD NURSES IN ACUTE CARE SKILLS IN RESOURCE LIMITED SETTINGS: THE NURSING INTENSIVE CARE SKILLS TRAINING (NICTS) PROJECT
Abstract Presenter: Abigail Beane (London, United Kingdom) 10:25

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
Abstract Presenter: Elsa P. Afonso (Cambridge, United Kingdom) 10:40

Outcomes after Intensive Care

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

EMERGENCY GENERAL SURGERY, MALNUTRITION AND OUTCOMES IN CRITICAL ILLNESS
Abstract Presenter: Kenneth B. Christopher (Boston, United States) 09:40

POST INTENSIVE CARE SYNDROME - FROM RISK AT ICU ADMISSION TO 3 MONTHS FOLLOW-UP CLINIC
Abstract Presenter: Joana Torres (Matosinhos, Portugal) 09:55

RISK FACTORS FOR DEATH IN CHRONIC CRITICAL ILLNESS
Abstract Presenter: Sharukh Lokhandwala (Cambridge, United States) 10:10

LONG-TERM SURVIVAL IN LUNG TRANSPLANT RECIPIENTS DEPENDING ON ICU LENGTH OF STAY: OUTCOME IN A SERIES OF 653 CONSECUTIVE PATIENTS
Abstract Presenter: Mikhail Zemtsovski (Copenhagen, Denmark) 10:25
Scientific Programme

THE DISCRIMINATIVE CAPACITY OF KNOWN PREDICTORS OF OUTCOME FOR PATIENTS WITH ACUTE EXACERBATIONS OF COPD TREATED IN THE ICU
Abstract Presenter: Dharmanand Ramnarain (Tilburg, Netherlands)

Oral Presentations
09:40 - 11:00
Vienna

MONITORING DURING MECHANICAL VENTILATION AND ARDS
Chair: Danny McAuley (Belfast, Ireland)
Chair: Richard Beale (London, United Kingdom)

RELIABILITY OF DIAPHRAGMATIC ULTRASONOGRAPHY TO DETECT DIAPHRAGM DYSFUNCTION IN CRITICALLY ILL PATIENTS
Abstract Presenter: Martin Dres (Paris, France)

MICROCIRCULATORY ALTERATIONS ARE ASSOCIATED WITH PULMONARY DEAD-SPACE FRACTION IN MODERATE AND SEVERE ARDS
Abstract Presenter: Gustavo A. Ospina-Tascón (Cali, Colombia)

ULTRASONOGRAPHICALLY DIAGNOSED DIAPHRAGMATIC DYSFUNCTION AND WEANING FAILURE FROM MECHANICAL VENTILATION IN CRITICALLY ILL PATIENTS
Abstract Presenter: Bruno-Pierre Dubé (Paris, France)

DIAPHRAGMATIC FUNCTION ASSESSED DURING AN SBT TRIAL USING M-MODE ULTRASONOGRAPHY AND MIP: A PILOT STUDY
Abstract Presenter: Francesca Dalla Corte (Ferrara, Italy)

ASSESSMENT OF SILENT SPACES AT DIFFERENT PEEP LEVELS BY ELECTRICAL IMPEDANCE TOMOGRAPHY IN SEVERE COPD
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
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
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

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 HYPERCHOLEMIA 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 (CILDI) 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)
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)

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 CO2 REMOVAL (ECCO2R) 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 CO2 REMOVAL THERAPY (ECCO2R) 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 ECCO2-R FOR SEVERE ACUTE HYPERCAPNIC RESPIRATORY FAILURE - A SINGLE CENTER EXPERIENCE
Abstract Presenter: Ulrich Harler (Innsbruck, Austria)

RELATIVE LOW FLOW EXTRA CORPOREAL CO2-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

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 Perchiazzo (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)
HEPARIN EFFECT IN ALVEOLAR CELLS AND MACROPHAGES IN AN ACUTE LUNG INJURY MODEL
Abstract Presenter: Marta Camprubi-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

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)

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)
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)

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

OUTCOME AFTER INTENSIVE CARE 3
Chair: Margaret Herridge (Toronto, Canada)
Chair: Ib Jammer (Bergen, Norway)
INCREASE OF HOSPITAL MORTALITY IN PATIENTS ON MECHANICAL VENTILATION IN THE BIENNIAL 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: Marta Monteiro (Oporto, 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

**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)

- **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)

**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)

- **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 (Hospital 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)

Poster Corner
10:10 - 12:00

TOXICOLOGY AND SYSTEMIC DISEASES
Chair: Arjen Dondorp (Bangkok, Thailand)
Chair: Mervyn Mer (Johannesburg, South Africa)
**Scientific Programme**

**TREATMENT OF TOXIC EPIDERMAL NECROLYSIS WITH IMMUNOGLOBULINS IN A BURN CENTER**  
Abstract Presenter: Lucía 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)

**DYSMAGNESIAEMIA 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)

**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 Elishrief (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)

**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 MICRDIALYSIS 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

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 PERTONITIS
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 (Upppsala, Sweden)

ACTIVATION-ASSOCIATED DEATH OF MEMORY B CELLS IN PERIPHERAL CIRCULATION IN ADULTS WITH SEPSIS
Abstract Presenter: Manu Shankar-Hari (London, United Kingdom)

LYMPHOCTYE 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)

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)

TRANSAORTIC 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 (Wroclaw, 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)

NUTRITION - HOW TO IMPROVE? 2
Chair: Steffen Weber-Carstens (Berlin, Germany)
Chair: Kenneth B. Christopher (Boston, United States)
Scientific Programme

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 (Koltaka, 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 MICROCATHETER DIALYSIS (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

NOREPINEPHRINE IN SHOCK STATES
Chair: Pierre Asfar (Angers, France)
Chair: Antoine Vieillard-Baron (Boulogne, France)

Effects on macrocirculation
Speaker: Bruno Levy (Vandoeuvre les Nancy, France)

Discussion

Effects on microcirculation
Speaker: Daniel De Backer (Brussels, Belgium)
Scientific Programme

Discussion 11:35
Which therapeutic targets? 11:40
Speaker: Thomas Scheeren (Groningen, Netherlands)
Discussion 11:55

Clinical Challenges Session
11:00 - 11:50
Lisbon

HOW DO I MANAGE FLUIDS IN SEPSIS?
Chair: Konrad Reinhart (Jena, Germany)

Presentation
Speaker: Claude Martin (Marseille, France)

Thematic Session
11:00 - 12:00
Athens

SEVERE PNEUMONIA FROM THE COMMUNITY
Chair: Antonio Artigas (Barcelona, Spain)
Chair: Garyphalia Poulakou (Athens, Greece)

New diagnostic tests: How to use it in ICU? 11:00
Speaker: Tobias Welte (Hanover, Germany)
Discussion 11:15
Healthcare-associated pneumonia: Practical issues 11:20
Speaker: Jean-François Timsit (Paris, France)
Discussion 11:35
How to treat severe CAP in ICU? 11:40
Speaker: Miquel Ferrer (Barcelona, Spain)
Discussion 11:55

Thematic Session
11:00 - 12:00
Barcelona

A CHANGE OF MINDSET
Chair: Armand Girbes (Amsterdam, Netherlands)
Chair: Stijn Blot (Ghent, Belgium)

Intubated patients talking! 11:00
Speaker: Armand Girbes (Amsterdam, Netherlands)
Discussion 11:15
28th Annual Congress of the European Society of Intensive Care Medicine,
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Berlin, Germany

Scientific Programme

ECMO patients walking! 11:20
Speaker: Giorgio Iotti (Pavia, Italy)

Discussion 11:35

Gymnastics for ICU patients 11:40
Speaker: Paul Young (Wellington, New Zealand)

Discussion 11:55

Clinical Challenges Session
11:00 - 11:50

HOW DO I START AND WHEN DO I STOP RRT? 11:00 - 11:50
Chair: Ville Pettilä (Helsinki, Finland)

Presentation
Speaker: Marlies Ostermann (London, United Kingdom)

Clinical Challenges Session
11:00 - 11:50

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

HOW DO I USE ANTIDOTES IN SEVERE POISONING?
Chair: Alain Cariou (Paris, France)

Presentation
Speaker: Bruno Mégarbane (Paris, France)

Clinical Challenges Session
11:00 - 11:50

HOW DO I TRIAGE ADMISSION FOR THE LAST ICU-BED?
Chair: Doug White (Pittsburgh, United States)

Presentation
Speaker: Dominique Benoit (Ghent, Belgium)
Scientific Programme

Thematic Session
11:00 - 12:00

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
Speaker: Michael Hiesmayr (Vienna, Austria)

Discussion

Criteria of defining minimum recorded PDMS dataset
Speaker: Theodoros Kyprianou (Nicosia, Cyprus)

Discussion

How to implement clinical guidelines and care bundles through PDMS
Speaker: Johan Decruyenaere (Gent, Belgium)

Discussion

The Ventilated Patient with Chronic Neuromuscular Disease
Chair: Rik Gerritsen (Leeuwarden, Netherlands)
Chair: Giorgio Conti (Rome, Italy)

Ventilator management in the ICU
Speaker: Tarek Sharshar (Paris, France)

Discussion

Diaphragm pacing
Speaker: Alexandre Demoule (Paris, France)

Discussion

Withdrawing ventilatory support?
Speaker: Rik Gerritsen (Leeuwarden, Netherlands)

Discussion

Next Lounge - Meet the Expert
Chair: Julia Werner (Berlin, Germany)

Is the trauma patient bleeding?
Speaker: Kai Zacharowski (Frankfurt am Main, Germany)
Scientific Programme

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
Lisbon

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
Scientific Programme

Industry Sponsored Session
12:30 - 14:00

INDUSTRY SPONSORED SESSION

Industry Sponsored Session
12:30 - 14:00

INDUSTRY SPONSORED SESSION

Industry Sponsored Session
12:30 - 14:00

INDUSTRY SPONSORED SESSION

Industry Sponsored Session
12:30 - 14:00

INDUSTRY SPONSORED SESSION

Poster Corner
14:00 - 15:50

PREDICTORS OF AKI & DRUG PRESCRIPTION

Chair: Eric Hoste (Ghent, Belgium)
Chair: Lui Forni (Guildford, United Kingdom)

EFFECT OF ENDOOTOXIN ABSORPTION BY POLYMIXIN 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)

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 (Nimes, 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)

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)

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 CO2 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)

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)
Scientific Programme

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

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)

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)

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)

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)
Scientific Programme

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

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)

IMPACT OF A MAJOR CARDIOVASCULAR SURGICAL PROCEDURE ON PATIENTS’ INTERESTS FOR ADVANCE CARE PLANNING
Abstract Presenter: Fabienne Gigon (Geneva, Switzerland)

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 (CDCD) 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)
Scientific Programme

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

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)

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, HYPMAGNESEMIA 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 CELEBRAL HEMORRHAGE
Abstract Presenter: Marianthi Georgiadou (Athens, Greece)

ORGANISATIONAL & TEAM ISSUES FOR QUALITY CARE

Chair: Ruth Endacott (Plymouth, United Kingdom)
Chair: Jos Latour (Plymouth, United Kingdom)

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 Lagabrielle (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)

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 Lanzotti (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)

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: María Herreros Gonzalo (Talavera de la Reina, Spain)

SEVERE SEPSIS AND SEPSIS SHOCK SECONDARY TO NON VENTILATOR ASSOCIATED NOSOCOMIAL PNEUMONIA. PRINCIPALFEATURES 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)

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: Kürsat 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)
Scientific Programme

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 O'Brien (Plymouth, United Kingdom)

EXPERIMENTAL AND CLINICAL STUDIES IN SEPSIS
Chair: Christian Brun-Buisson (Créteil, France)
Chair: Peter Pickkers (Nijmegen, Netherlands)

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 Hauffe (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)

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)

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)

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 METABOLIC 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 Guçyetmez (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)
Scientific Programme

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

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: Aníbal Basile-Filho (Ribeirão Preto, Brazil)

FINANCIAL IMPLICATIONS OF A HOSPITAL EARLY MOBILITY PROGRAM
Abstract Presenter: Daniel McCoy (Chicago, United States)

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: David A. Harrison (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)
### Scientific Programme

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<td>Maria Colomo (Romford, United Kingdom)</td>
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<td>HEALTH-RELATED MEDIUM TERM QUALITY OF LIFE IN INTERMEDIATE RISK PULMONARY EMBOLISM IN A GENERAL ICU</td>
<td>Esther Portugal Rodríguez (Burgos, Spain)</td>
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<td>SEMI AUTOMATED ADJUDICATION OF VITAL SIGN ALERTS IN STEP-DOWN UNITS</td>
<td>Artur Dubrawski (Pittsburgh, United States)</td>
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<td>CAUSES AND CHARACTERISTICS OF DEATH IN ICU: A NATIONAL STUDY</td>
<td>Jean-Christophe Orban (Nice, France)</td>
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### Poster Corner

**Poster Corner**
14:00 - 15:50

**PERIOPERATIVE MANAGEMENT OF THE CRITICALLY ILL**
Chair: Donna Greenhalgh (Manchester, United Kingdom)
Chair: Charles Marc Samama (Paris, France)

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<td>OUTCOME OF NON CARDIAC SURGICAL PATIENTS ADMITTED TO A MULTIDISCIPLINARY INDIAN ICU</td>
<td>H. G. Pradeep Kumar (Chennai, India)</td>
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<td>PROLONGED VASOPRESSORS THERAPY IS ASSOCIATED WITH GLUCOSE VARIABILITY AFTER CARDIAC SURGERY</td>
<td>Marija Svetikienė (Vilnius, Lithuania)</td>
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<td>CORRELATION BETWEEN FFP TRANSFUSION AND VENTILATION DAYS IN ICU PATIENTS</td>
<td>Aristidis Vakalos (Xanthi, Greece)</td>
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<td>LONG-TERM MORTALITY IN PATIENTS WITH A PROLONGED POSTOPERATIVE INTENSIVE CARE UNIT (PICU) STAY</td>
<td>María Guerrero Díez (Madrid, Spain)</td>
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<td>EVALUATION OF GASTRIC ACID IN DEPENDENCE OF PRE-OPERATIVE FASTING</td>
<td>Bianca Tudor (Vienna, Austria)</td>
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<td>A CHILD’S EXPERIENCE AS A PATIENT IN A PEDIATRIC INTENSIVE CARE UNIT: WHAT WE LEARNED THROUGH THEIR DRAWINGS AND NARRATIVES</td>
<td>Maureen Clark (Boston, United States)</td>
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<td>TRACHEOSTOMY PRACTICE OVERVIEW IN CARDIOTHORACIC INTENSIVE CARE UNIT</td>
<td>Orinta Jansoniene (Harefield, United Kingdom)</td>
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<td>THE EFFECT OF HYDROXYETHYL STARCHES AND CRYSTALLOID FLUIDS ON MORTALITY AND NEED FOR DIALYSIS IN VASCULAR SURGERY PATIENTS</td>
<td>Robert Green (Halifax, Canada)</td>
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<td>EFFECTS OF CARDIOPULMONARY BYPASS ON THE ACCURACY OF NON-INVASIVE HEMOGLOBIN MEASUREMENT BY PULSE CO-OXIMETRY</td>
<td>Kentaro Tokuda (Fukuoka, Japan)</td>
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28th Annual Congress of the European Society of Intensive Care Medicine,
3 - 7 October 2015,
Berlin, Germany

Scientific Programme

Thematic Session
14:15 - 15:45

NEWS IN ARDS MANAGEMENT AND THERAPY

Chair: Geoffrey Bellingan (London, United Kingdom)
Chair: Antonio Artigas (Barcelona, Spain)

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

Is there any future for stem cells? 15:27
Speaker: John Laffey (Toronto, Canada)

Discussion 15:42

DELIRIUM - A THREAT IN THE ICU

Chair: Jozef Kesecioglu (Utrecht, Netherlands)
Chair: Claudia Spies (Berlin, Germany)

Delirium: Which medication to avoid? 14:15
Speaker: Hannah Wunsch (New York, United States)

Discussion 14:30

Postoperative delirium: Is the anaesthesiologist to blame? 14:33
Speaker: Claudia Spies (Berlin, Germany)

Discussion 14:48

Neuronal networks in delirium 14:51
Speaker: Arjen Slooter (Utrecht, Netherlands)

Discussion 15:06

Post-traumatic stress disorder after ICU admission 15:09
Speaker: Diederik van Dijk (Utrecht, Netherlands)
Discussion 15:24

Cognitive impairment: Cause or consequence of delirium? 15:27
Speaker: Margaret Herridge (Toronto, Canada)

Discussion 15:42

Joint Session 14:15 - 15:45

JOINT WITH ISF - SEPSIS 2015: THE BATTLE CONTINUES

Chair: Konrad Reinhart (Jena, Germany)
Chair: Charles Sprung (Jerusalem, Israel)

Increasing awareness saves lives 14:15
Speaker: Konrad Reinhart (Jena, Germany)

Discussion 14:30

When to jump and how far? 14:33
Speaker: Mervyn Singer (London, United Kingdom)

Discussion 14:48

Steroids do not decrease mortality in most septic shock patients 14:51
Speaker: Charles Sprung (Jerusalem, Israel)

Discussion 15:06

Sepsis beyond hospital discharge 15:09
Speaker: Derek Angus (Pittsburgh, United States)

Discussion 15:24

Lessons learned from EDGT trials 15:27
Speaker: Jean-Louis Vincent (Brussels, Belgium)

Discussion 15:42

Thematic Session 14:15 - 15:45

INTRA-ABDOMINAL INFECTIONS

Chair: George Dimopoulos (Athens, Greece)
Chair: Jan De Waele (Ghent, Belgium)

How to distinguish intra-abdominal inflammation from infection 14:15
Speaker: Marc Léone (Marseille, France)

Discussion 14:30

Clostridium difficile infections 14:33
Speaker: José Artur Paiva (Porto, Portugal)
Scientific Programme

Discussion 14:48
Infections after acute pancreatitis 14:51
Speaker: George Dimopoulos (Athens, Greece)
Discussion 15:06
Fungal peritonitis 15:09
Speaker: Philippe Montravers (Paris, France)
Discussion 15:24
How to limit antibiotic use in intra-abdominal infection 15:27
Speaker: Jan De Waele (Ghent, Belgium)
Discussion 15:42

Thematic Session 14:15 - 15:45 Rome

THE CRITICAL ILL ELDERLY PATIENT

Chair: Hans Flaatten (Bergen, Norway)
Chair: Steffen Christensen (Aarhus, Denmark)

Update on age epidemiology: Next 20 years 14:15
Speaker: Steffen Christensen (Aarhus, Denmark)
Discussion 14:30
Do we know what they want? 14:33
Speaker: Akos Csomas (Budapest, Hungary)
Discussion 14:48
Has the number of elderly ICU patients increased? 14:51
Speaker: Bertrand Guidet (Paris, France)
Discussion 15:06
Outcomes based on an ICU registry 15:09
Speaker: Dylan de Lange (Utrecht, Netherlands)
Discussion 15:24
Survived the ICU: Now what? 15:27
Speaker: Sten Walter (Linköping, Sweden)
Discussion 15:42
REVISITING BETA LACTAM USE

Chair: Fabio Silvio Taccone (Brussels, Belgium)
Chair: Garyphalia Poulakou (Athens, Greece)

14:15 Spectrum revisited
Speaker: Garyphalia Poulakou (Athens, Greece)

14:30 Discussion

14:33 Overview of resistance mechanisms
Speaker: Jean-Ralph Zahar (Angers, France)

14:48 Discussion

14:51 Right dose: How to do in practice?
Speaker: Fabio Silvio Taccone (Brussels, Belgium)

15:06 Discussion

15:09 De-escalation of beta lactams: Safe and useful?
Speaker: Jean-François Timsit (Paris, France)

15:24 Discussion

15:27 Serious pitfalls in beta lactam use
Speaker: José Artur Paiva (Porto, Portugal)

15:42 Discussion

FROM BASIC PHYSIOLOGY TO CLINICALLY APPLICABLE HAEMODYNAMIC VARIABLES

Chair: Jean-Louis Teboul (Kremlin-Bicetre, France)
Chair: Jan Bakker (Rotterdam, Netherlands)

14:15 Mean systemic filling pressure
Speaker: Jan Bakker (Rotterdam, Netherlands)

14:30 Discussion

14:33 Central venous pressure
Speaker: Sheldon Magder (Montreal, Canada)

14:48 Discussion

14:51 SvO2/ScvO2
Speaker: Maurizio Cecconi (London, United Kingdom)

15:06 Discussion

15:09 PCO2 gap
Speaker: Luciano Gattinoni (Milan, Italy)
Scientific Programme

Discussion 15:24

Extravascular lung water 15:27
Speaker: Marco Maggiorini (Zurich, Switzerland)

Discussion 15:42

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)

The relationship between cost and quality of care 14:15
Speaker: Christiane Hartog (Jena, Germany)

Discussion 14:30

Costs as a "parameter" in decision-making 14:33
Speaker: Victoria Metaxa (London, United Kingdom)

Discussion 14:48

North America: Expensive treatments not to be provided 14:51
Speaker: Doug White (Pittsburgh, United States)

Discussion 15:06

Europe: Utilitarianism at its best? 15:09
Speaker: Julian Bion (Birmingham, United Kingdom)

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)
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Scientific Programme

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 Sonneville (Paris, France)

Discussion 14:30
Traumatic brain injury 14:33
Speaker: Elisa Zanier (Milan, Italy)

Discussion 14:48
Subarachnoid haemorrhage 14:51
Speaker: Martin Smith (London, United Kingdom)

Discussion 15:06
Biomarkers and imaging of neuroinflammation 15:09
Speaker: Tarek Sharshar (Paris, France)

Discussion 15:24
Acute-to-chronic neuroinflammation in the neuro-ICU population 15:27
Speaker: David Menon (Cambridge, United Kingdom)

Discussion 15:42

Thematic Session
14:15 - 15:00
NEXT Lounge

NEXT LOUNGE - EXPERTS IN THE HOT SEAT

Chair: Bernardo Bollen Pinto (Geneva, Switzerland)
Scientific Programme

**Why do the big sepsis trials fail? Moving towards individualism?**
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)

Debate
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)

**UEMS European Training Framework in Intensive Care Medicine**
Speaker: Jean-Daniel Chiche (Paris, France)
Speaker: Kai Zacharowski (Frankfurt am Main, Germany)

**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
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**
Speaker: Konrad Reinhart (Jena, Germany)
CAESAR: A new instrument to assess relative’s experience of dying and death in the ICU
Speaker: Elie Azoulay (Paris, France)

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

Discussion

Resuscitation fluid use in adult intensive care patients: An international, cross-sectional study in 426 intensive care units: The Fluid-TRIPS trial
Speaker: Naomi Hammond (Sydney, Australia)

Comments
Speaker: Shivakumar Iyer (Pune, India)

Discussion

A cluster randomised trial of a multifaceted quality improvement intervention in Brazilian intensive care units
Speaker: Alexandre B. Cavalcanti (São Paulo, Brazil)

Comments
Speaker: Mirella Oliveira (Curitiba, Brazil)

Discussion

Keratinocyte growth factor in ARDS to reduce pulmonary dysfunction: The KARE trial
Speaker: Danny McAuley (Belfast, Ireland)

Comments
Speaker: Mark Peters (London, United Kingdom)

Discussion

A trial of Non Invasive Ventilation for post-extubation respiratory failure after Abdominal Surgery: The NIVAS trial
Speaker: Samir Jaber (Montpellier, France)

Comments
Speaker: Kaijiang Yu (Harbin, China)

Discussion

Very High Volume Haemofiltration with the CASCADE system in septic shock patients
Speaker: Jean-Pierre Quenot (Dijon, France)

Comments
Speaker: Peter de Feiter (Rotterdam, Netherlands)

Discussion
Scientific Programme

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)

Optimising chest compression quality  
Speaker: Jerry Nolan (Bath, United Kingdom)  
16:00

Discussion  
16:15

The role of drugs during CPR  
Speaker: Kjetil Sunde (Oslo, Norway)  
16:20

Discussion  
16:35

Dosing strategies for epinephrine during CPR  
Speaker: Lionel Lamhaut (Paris, France)  
16:40

Discussion  
16:55

Cerebral oximetry during and after cardiac arrest  
Speaker: Jerry Nolan (Bath, United Kingdom)  
17:00

Discussion  
17:15

Identifying the cause of cardiac arrest during CPR  
Speaker: Michael Holzer (Vienna, Austria)  
17:20

Discussion  
17:35

When to stop resuscitation?  
Speaker: Alain Cariou (Paris, France)  
17:40

Discussion  
17:55

Thematic Session
16:00 - 18:00  
Athens

ANTIBIOTIC TREATMENT OF SEPTIC SHOCK

Chair: Jeffrey Lipman (Brisbane, Australia)
Chair: Marc Léone (Marseille, France)

Antibiotic PK PD in septic shock  
Speaker: Jeffrey Lipman (Brisbane, Australia)  
16:00

Discussion  
16:15

Empiric antibiotic therapy for septic shock  
Speaker: Claude Martin (Marseille, France)  
16:20

Discussion  
16:35

Macrolides: Beyond the antimicrobial activity in CAP  
Speaker: José Artur Paiva (Porto, Portugal)  
16:40
Discussion 16:55

When and how to de-escalate? 17:00
Speaker: Marc Léone (Marseille, France)

Discussion 17:15

What to do during septic shock and renal replacement therapy? 17:20
Speaker: Ignacio Martin-Loeches (Dublin, Ireland)

Discussion 17:35

Common errors in antibiotic treatment of septic shock 17:40
Speaker: George Dimopoulos (Athens, Greece)

Discussion 17:55

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

THE MICROCIRCULATION IN SEPSIS

Chair: Yasser Sakr (Jena, Germany)
Chair: Steve Hollenberg (Camden, United States)

The physiology of the microcirculation 16:00
Speaker: Steve Hollenberg (Camden, United States)

Discussion 16:15

Microvascular alterations in sepsis, an overview 16:20
Speaker: Can Ince (Amsterdam, Netherlands)

Discussion 16:35

Microcirculation, from bench to the bedside 16:40
Speaker: Yasser Sakr (Jena, Germany)

Discussion 16:55

The link between microvascular and cellular dysfunction 17:00
Speaker: Mervyn Singer (London, United Kingdom)

Discussion 17:15

Microcirculation, the clinician’s perspective 17:20
Speaker: Jan Bakker (Rotterdam, Netherlands)

Discussion 17:35

The microcirculation as a therapeutic target 17:40
Speaker: Jacques Duranteau (Kremlin-Bicetre, France)

Discussion 17:55
Scientific Programme

Thematic Session

16:00 - 18:00  

**MUSCLE: A MOTOR OF GOOD SURVIVAL**

Chair: Margaret Herridge (Toronto, Canada)  
Chair: Michael Quintel (Göttingen, Germany)

**The muscle as protein reservoir**  
Speaker: Olav Rooyackers (Stockholm, Sweden)  

16:00

**The hormonal activity of the muscle**  
Speaker: Kenneth B. Christopher (Boston, United States)  

16:15

**The effect of the muscle on the inflammatory response**  
Speaker: Karin Amrein (Graz, Austria)  

16:30

**When to rest & when to stress the muscle**  
Speaker: Steffen Weber-Carstens (Berlin, Germany)  

16:45

**The proper nutrient balance for the muscle: Protein, energy and lipids**  
Speaker: Pierre Singer (Petah Tiqva, Israel)  

17:00

**How to keep the muscles strong**  
Speaker: Michael Hiesmayr (Vienna, Austria)  

17:15

State of the Art Session

16:00 - 18:00  

**GLOBAL PERSPECTIVES ON SEPSIS MANAGEMENT**

Chair: Mervyn Mer (Johannesburg, South Africa)  
Chair: Marcus Schultz (Amsterdam, Netherlands)

**The global burden of sepsis**  
Speaker: Marcus Schultz (Amsterdam, Netherlands)  

16:00

**Sepsis due to malaria**  
Speaker: Arjen Dondorp (Bangkok, Thailand)  

16:15

**Ebola virus disease**  
Speaker: Antonio Pesenti (Monza, Italy)  

16:30
Scientific Programme

**Discussion** 16:55

**Tuberculosis** 17:00
Speaker: Mervyn Mer (Johannesburg, South Africa)

**Discussion** 17:15

**Severe dengue shock syndrome** 17:20
Speaker: Arjen Dondorp (Bangkok, Thailand)

**Discussion** 17:35

**Improving care in resource-limited settings: The SSC initiative** 17:40
Speaker: Martin Dünser (Salzburg, Austria)

**Discussion** 17:55

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)

**Non invasive techniques for respiratory failure: Its all about the interface** 16:00
Speaker: Dani Martí Romeu (Barcelona, Spain)

**Discussion** 16:15

**Decontamination: Implications for patient and practice** 16:20
Speaker: Anne-Sophie Debue (Paris, France)

**Discussion** 16:35

**ICU rehabilitation: How far have we come?** 16:40
Speaker: David Mcwilliams (Birmingham, United Kingdom)

**Discussion** 16:55

**Early warning for deterioration: The Whistle Blower** 17:00
Speaker: Carole Boulanger (Exeter, United Kingdom)

**Discussion** 17:15

**EMR: Integrating SBAR and goal setting into multi-professional rounds** 17:20
Speaker: Elsa P. Afonso (Cambridge, United Kingdom)

**Discussion** 17:35

**Malnutrition in ICU: Pump up the calories?** 17:40
Speaker: Deborah Dawson (London, United Kingdom)

**Discussion** 17:55
Continuous Professional Education Session
16:00 - 18:00

**THE RIGHT VENTRICLE IN ARDS**

Chair: Maurizio Cecconi (London, United Kingdom)
Chair: Xavier Monnet (Kremlin-Bicetre, France)

**Why is the RV important to consider in ICU patients?**
Speaker: Michael Pinsky (Pittsburgh, United States) 16:00

**Discussion** 16:15

**How to assess right ventricular dysfunction with invasive devices?**
Speaker: Pierre Squara (Neuilly-sur-Seine, France) 16:20

**Discussion** 16:35

**How to assess right ventricular dysfunction with echo?**
Speaker: Bernard Cholley (Paris, France) 16:40

**Discussion** 16:55

**Haemodynamic impact of PEEP and airway pressure**
Speaker: Armand Mekontso Dessap (Créteil, France) 17:00

**Discussion** 17:15

**The RV and prone positioning**
Speaker: Antoine Vieillard-Baron (Boulogne, France) 17:20

**Discussion** 17:35

**The RV and fluid management**
Speaker: Maurizio Cecconi (London, United Kingdom) 17:40

**Discussion** 17:55

Continuous Professional Education Session
16:00 - 18:00

**SEPSIS MANAGEMENT: IS LESS MORE?**

Chair: Gernot Marx (Aachen, Germany)
Chair: Peter Pickkers (Nijmegen, Netherlands)

**Less antibiotics**
Speaker: Ignacio Martin-Loeches (Dublin, Ireland) 16:00

**Discussion** 16:15

**Less fluids**
Speaker: Konrad Reinhart (Jena, Germany) 16:20

**Discussion** 16:35

**Less blood**
Speaker: Gernot Marx (Aachen, Germany) 16:40
### Scientific Programme

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<td>16:55</td>
<td>Discussion</td>
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<td>17:00</td>
<td><strong>Less inotropes</strong></td>
<td>Speaker: Alexandre Mebazaa (Paris, France)</td>
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<td>17:20</td>
<td><strong>Less vasopressors</strong></td>
<td>Speaker: Can Ince (Amsterdam, Netherlands)</td>
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<td>17:35</td>
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<td>17:40</td>
<td><strong>Putting all that together</strong></td>
<td>Speaker: Geoffrey Bellingan (London, United Kingdom)</td>
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<td>17:55</td>
<td>Discussion</td>
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**State of the Art Session**
16:00 - 18:00

**EXTRACORPORAL LIFE ASSIST 2015**
Chair: Michael Sander (Giessen, Germany)
Chair: Robert Sladen (New York, United States)

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<tr>
<td>16:00</td>
<td>Perioperative management of advanced heart failure</td>
<td>Speaker: Michael Sander (Giessen, Germany)</td>
<td>Vienna</td>
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<td>16:20</td>
<td><strong>Decision making VA ECMO versus VAD therapy</strong></td>
<td>Speaker: Alain Vuylsteke (Cambridge, United Kingdom)</td>
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<td>16:35</td>
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<tr>
<td>16:40</td>
<td>Perioperative management of patients with long term VADs</td>
<td>Speaker: Robert Sladen (New York, United States)</td>
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<td>17:00</td>
<td><strong>Anticoagulation in patients with assist devices</strong></td>
<td>Speaker: Dirk Donker (Utrecht, Netherlands)</td>
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<tr>
<td>17:20</td>
<td><strong>Weaning strategies of VA ECMO and VADs</strong></td>
<td>Speaker: Giovanni Landoni (Milan, Italy)</td>
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<td>17:40</td>
<td><strong>Out of hospital management of VAD patients</strong></td>
<td>Speaker: Sascha Treskatsch (Berlin, Germany)</td>
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**Scientific Programme**

Thematic Session
16:00 - 17:00

**NEXT LOUNGE - YOUNG LECTURER AWARD**

16:00  
**The butterfly effect in critical care medicine: The earlier the merrier (and the simpler, the better)**  
Speaker: Alberto Goffi (Toronto, Canada)

16:20  
**The 5 causes of hypoxia: A pathophysiological approach**  
Speaker: Samuele Ceruti (Geneva, Switzerland)

16:40  
**Precise summary of ICH management**  
Speaker: Mohammed Zubair Ahmed (Madina AlMunawwara, Saudi Arabia)

LIVES Interactive Debates  
16:45 - 17:45

**INTENSIVE CARE AND HIGH RISK INDUSTRY-PRETTY MUCH THE SAME OR DANGEROUS LESSONS?**

Chair: Hans Flaatten (Bergen, Norway)

16:45  
**Debate**
Speaker: Andreas Valentin (Schwarzach, Austria)  
Speaker: Jean-Daniel Chiche (Paris, France)  
Speaker: Jukka Takala (Bern, Switzerland)

Thematic Session  
17:00 - 18:00

**NEXT LOUNGE - CHALLENGE**

17:00  
**4 teams**

General Assembly  
18:15 - 19:30

**ESICM GENERAL ASSEMBLY**

18:15  
**Welcome / Introduction**  
Speaker: Daniel De Backer (Brussels, Belgium)

18:30  
**Division of Administrative Affairs Secretary Treasurer**  
Speaker: Geoffrey Bellingan (London, United Kingdom)  
Speaker: Jordi Mancebo Cortes (Barcelona, Spain)

18:45  
**Division of Scientific Affairs**  
Speaker: Jozef Kesecioglu (Utrecht, Netherlands)

19:00  
**Division of Professional Development**  
Speaker: Francesca Rubulotta (London, United Kingdom)
Scientific Programme

Other matters Questions and answers from the members 19:15
28th Annual Congress of the European Society of Intensive Care Medicine,
3 - 7 October 2015,
Berlin, Germany

Scientific Programme

Wednesday, 07 October 2015

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: Bruno Levy (Vandoeuvre les Nancy, France)

Discussion 09:57

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
Athens
BEYOND MACRO-HAEMODYNAMICS: MICROCIRCULATION AND TISSUE OXYGENATION
Chair: Thomas Scheeren (Groningen, Netherlands)
Chair: Dirk Donker (Utrecht, Netherlands)
Assessing the microcirculation 08:30
Speaker: Yasser Sakr (Jena, Germany)
Discussion 08:45
Assessing the tissue oxygenation 08:48
Speaker: Thomas Scheeren (Groningen, Netherlands)
Discussion 09:03
Incidence of microcirculatory shock and tissue hypoxia 09:06
Speaker: Jan Bakker (Rotterdam, Netherlands)
Discussion 09:21
Therapeutic options to resuscitate the microcirculation 09:24
Speaker: Jacques Duranteau (Kremlin-Bicetre, France)
Discussion 09:39
Therapeutic options to improve tissue oxygenation 09:42
Speaker: Didier Payen (Paris, France)
Discussion 09:57
Scientific Programme

Joint Session
08:30 - 10:00

JOINT WITH DIVI - RELATIONSHIPS BETWEEN HAEMODYNAMICS AND ORGAN FUNCTION IN SEPSIS

Chair: Gernot Marx (Aachen, Germany)
Chair: Jean-Louis Teboul (Kremlin-Bicetre, France)

Macrocirculatory abnormalities in sepsis: An overview
Speaker: Gernot Marx (Aachen, Germany) 08:30
Discussion 08:45

How to correct haemodynamics in sepsis-associated ARDS?
Speaker: Stefan Kluge (Hamburg, Germany) 08:48
Discussion 09:03

Influence of haemodynamics on AKI in sepsis
Speaker: Achim Jörres (Berlin, Germany) 09:06
Discussion 09:21

Haemodynamics and septic brain dysfunction
Speaker: Olaf Cremer (Utrecht, Netherlands) 09:24
Discussion 09:39

Haemodynamics and septic liver dysfunction
Speaker: Julia Wendon (London, United Kingdom) 09:42
Discussion 09:57

Thematic Session
08:30 - 10:00

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"
Speaker: Charles Sprung (Jerusalem, Israel) 08:30
Discussion 08:45

Benchmarking team-performance: "EIDECS"
Speaker: Christiane Hartog (Jena, Germany) 08:48
Discussion 09:03

A fair farewell: "Euro Q2"
Speaker: Hanne Jensen (Vejle, Denmark) 09:06
Discussion 09:21

Walking the talk: the "Facilitating Communication Study"
Speaker: J. Randall Curtis (Seattle, United States) 09:24
Scientific Programme

Discussion 09:39
Disproportionate care: "DISPROPRICUS" 09:42
Speaker: Dominique Benoit (Ghent, Belgium)
Discussion 09:57

IS LACTATE ALWAYS BAD? A JANUS-FACED COMPOUND
Geneva

08:30 - 10:00

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

Exogeneous lactate as a therapeutic intervention 09:42
Speaker: Carole Ichai (Nice, France)
Discussion 09:57

THE COMPLEX LIFE IN AN ICU
Paris

08:30 - 10:00

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

Discussion 09:03
Overtime and underuse 09:06
Speaker: Victoria Metaxa (London, United Kingdom)
Discussion 09:21
Foreign short-term employees 09:24
Speaker: Ruth Endacott (Plymouth, United Kingdom)
Discussion 09:39
End-of-life decisions 09:42
Speaker: Diederik van Dijk (Utrecht, Netherlands)
Discussion 09:57

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)

Emergency and intensive care medicine: Anything common? 08:30
Speaker: Jean-Louis Vincent (Brussels, Belgium)
Discussion 08:45

Emergency and intensive care medicine: A combined department? 08:48
Speaker: Michael Joannidis (Innsbruck, Austria)
Discussion 09:03

Running an intensive care unit in an emergency department 09:06
Speaker: Michael Holzer (Vienna, Austria)
Discussion 09:21

The intensivist as part of the medical emergency team 09:24
Speaker: Jukka Takala (Bern, Switzerland)
Discussion 09:39

The intensivist in the pre-hospital emergency medical system 09:42
Speaker: Martin Dünser (Salzburg, Austria)
Discussion 09:57
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)

Are ICUs family friendly? 08:30
Speaker: Ruth Endacott (Plymouth, United Kingdom)

Discussion 08:45

Do we need visiting hours in ICU? 08:48
Speaker: Elsa P. Afonso (Cambridge, United Kingdom)

Discussion 09:03

Privacy and confidentiality: Breaking the rules 09:06
Speaker: Silvia Calvino Günther (Grenoble, France)

Discussion 09:21

Nurse: The information giver 09:24
Speaker: Anne-Sophie Debue (Paris, France)

Discussion 09:39

Relatives: Partners in care 09:42
Speaker: Terence O'Reilly (London, United Kingdom)

Discussion 09:57

Vienna

NON INVASIVE VENTILATION

Chair: Marco Ranieri (Turin, Italy)
Chair: Miquel Ferrer (Barcelona, Spain)

Non invasive ventilation in weaning 08:30
Speaker: Massimo Antonelli (Rome, Italy)

Discussion 08:45

NIV in COPD 08:48
Speaker: Laurent Brochard (Toronto, Canada)

Discussion 09:03

NIV in hypoxic acute respiratory failure: Findings from the LUNG-SAFE study 09:06
Speaker: Giacomo Bellani (Monza, Italy)

Discussion 09:21

Paediatric NIV 09:24
Speaker: Giorgio Conti (Rome, Italy)
Discussion

NIV by NAVA
Speaker: Alexandre Demoule (Paris, France)

Discussion

Thematic Session
08:30 - 09:30
NEXT Lounge - 2020: THE FUTURE OF INTENSIVE CARE
Chair: Steven Thiessen (Leuven, Belgium)

Blood purification techniques: Immunomodulation or fantasy?
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
Speaker: Luciano Gattinoni (Milan, Italy)
Speaker: Antonio Pesenti (Monza, Italy)
Speaker: Diederik Gommers (Rotterdam, Netherlands)

Thematic Session
09:40 - 11:00
NEXT Lounge - DEBATE
Chair: Matthias Hilty (Zurich, Switzerland)

Observationalists or trialists: Big data raising!
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
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
Abstract Presenter: Olfa Hamzaoui (Clamart, France)

ACUTE HAEMODYNAMIC EFFECTS OF DOBUTAMINE IN EXPERIMENTAL SEPSIS-INDUCED MYOCARDIAL DEPRESSION
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
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
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
Abstract Presenter: Rene A. Posma (Groningen, Netherlands)

Oral Presentations
10:10 - 11:30
Lisbon

NEUROINTENSIVE CARE
Chair: Nino Stocchetti (Milan, Italy)
Chair: Lara Prisco (Cambridge, United Kingdom)

BLOOD-BRAIN BARRIER DYSFUNCTION ASSESSED BY PROTEIN S-100 BETA LEVELS IN CIRRHOTIC PATIENTS IN ICU
Abstract Presenter: Nicolas Weiss (France, France)

REGIONAL BRAIN EXTRACELLULAR MARKERS OF CEREBRAL ISCHAEMIA AFTER ANEURYSMAL SUBARACHNOID HAEMORRHAGE: A COMBINED CEREBRAL MICRODIALYSIS AND PERFUSION CT STUDY
Abstract Presenter: Camille Patet (Lausanne, Switzerland)
THE EFFECTS OF INDUCED HYPERTENSION ON CEREBRAL PERFUSION DURING DELAYED CEREBRAL ISCHAEMIA IN ANEURYSMAL SUBARACHNOID HAEMORRHAGE: A RANDOMISED CLINICAL TRIAL 10:40
Abstract Presenter: Celine S. Gathier (Utrecht, Netherlands)

A NOVEL METHOD OF DETECTING RAISED INTRACRANIAL PRESSURE FROM HEAD COMPUTED TOMOGRAPHY USING OPTIC NERVE SHEATH DIAMETER 10:55
Abstract Presenter: Meical G. Povey (Coventry, United Kingdom)

EFFECT OF EARLY CORRECTION OF HYponATREMIA ON NEUROLOGICAL OUTCOME IN TRAUMATIC BRAIN INJURY PATIENTS 11:10
Abstract Presenter: Khalil Ahmad (Dubai, United Arab Emirates)

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 Guillamat-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)

HYGROMETRY OF GAS DELIVERED WITH DIFFERENT HIGH FLOW OXYGEN HUMIDIFIERS AND IMPACT ON COMFORT OF THE LEVEL OF HYGROMETRY 10:40
Abstract Presenter: François Lellouche (Lac-Beauport, Canada)

EFFECTS OF PRESSURE CONTROL AND PRESSURE SUPPORT VENTILATION ON VENTILATOR INDUCED LUNG INJURY IN EXPERIMENTAL ACUTE RESPIRATORY DISTRESS SYNDROME WITH INTRA-ABDOMINAL HYPERTENSION 10:55
Abstract Presenter: Cíntia L. Santos (Rio de Janeiro, Brazil)

ION-EXCHANGE RESIN ANTICOAGULATION: EXPERIMENTAL DATA OF A NOVEL EXTRACORPOREAL REGIONAL ANTICOAGULATION TECHNIQUE 11:10
Abstract Presenter: Alberto Zanella (Monza, Italy)

RCT'S IN INFECTION AND SEPSIS
Chair: Ignacio Martin-Loeches (Dublin, Ireland)
Chair: Jan De Waele (Ghent, Belgium)
HYDROCORTISONE IN TREATMENT OF SEVERE SEPSIS AND SEPTIC SHOCK WITH ACUTE RESPIRATORY DISTRESS SYNDROME: A RANDOMISED CONTROLLED TRIAL
Abstract Presenter: Surat Tongyoo (Bangkok, Thailand)

RANDOMISED CONTROLLED TRIAL USING DAILY ELECTRICAL MUSCLE STIMULATION (EMS) IN CRITICALLY ILL PATIENTS TO PREVENT INTENSIVE CARE UNIT (ICU) ACQUIRED WEAKNESS (ICUAW)
Abstract Presenter: Moritz Goll (Berlin, Germany)

THE EFFECT OF ENDOXIN ADSORBER HAEMOPERFUSION ON MICROCIRCULATION IN PATIENTS WITH SEVERE SEPSIS AND SEPTIC SHOCK
Abstract Presenter: Yu-Chang Yeh (Taipei, Taiwan, Province of China)

EFFECTS OF LEVOSIMENDAN ON CELLULAR METABOLIC ALTERATIONS IN PATIENTS WITH SEPTIC SHOCK: A RANDOMISED CONTROLLED STUDY
Abstract Presenter: Zied Hajjej (Tunis, Tunisia)

COMPARISON OF CHLORHEXIDINE BASED DRESSING VERSUS SIMPLE OCCLUSIVE DRESSING IN PREVENTING CATHETER RELATED BLOODSTREAM INFECTIONS AT MEDICAL ICU IN A RESOURCE CONSTRAINT SETTINGS
Abstract Presenter: Syed Muhammad Muneeb Ali (Islamabad, Pakistan)

PERIOPERATIVE ICU MANAGEMENT
Chair: Michelle Chew (Malmö, Sweden)
Chair: Nils Haake (Kiel, Germany)

EFFECTS OF NEUROMUSCULAR ELECTRICAL STIMULATION ON MUSCLE MASS AND STRENGTH IN CRITICALLY ILL PATIENTS AFTER CARDIOTHORACIC SURGERY (CATASTIM 2)
Abstract Presenter: Arabella Fischer (Vienna, Austria)

GOAL-DIRECTED THERAPY IN CANCER SURGERY: A RANDOMISED AND CONTROLLED TRIAL (GRICS II)
Abstract Presenter: Aline Gerent (São Paulo, Brazil)

POST-OPERATIVE IMMUNE SUPPRESSION IS REVERSIBLE WITH INTERFERON GAMMA AND INDEPENDENT OF IL-6 PATHWAYS
Abstract Presenter: Esme Rebecca Longbottom (London, United Kingdom)

CENTRAL VENOUS-TO-ARTERIAL CARBON DIOXIDE DIFFERENCE IN THE EARLY POSTOPERATIVE CARE FOLLOWING LIVER TRANSPLANTATION
Abstract Presenter: Ignacio Saez (Madrid, Spain)

THE IMPLEMENTATION OF A BLOOD CONSERVATION STRATEGY IN CRITICAL CARE ON TRANSFUSION REQUIREMENTS
Abstract Presenter: Ascanio Tridente (Liverpool, United Kingdom)
NON INVASIVE AND ASSISTED MECHANICAL VENTILATION

Chair: Antonio Artigas (Barcelona, Spain)
Chair: Alain Mercat (Angers, France)

HIGH FLOW CONDITIONED OXYGEN THERAPY FOR PREVENTION OF REINTUBATION IN CRITICALLY ILL PATIENTS AT HIGH RISK FOR EXTUBATION FAILURE: A MULTICENTER RANDOMISED CONTROLLED TRIAL  
Abstract Presenter: Gonzalo Hernandez (Toledo, Spain)  
10:10

EXTRACORPOREAL CO2 REMOVAL IN HYPERCAPNIC PATIENTS WHO FAIL NONINVASIVE VENTILATION AND REFUSE ENDOTRACHEAL INTUBATION: A CASE SERIES  
Abstract Presenter: Andrea Morelli (Rome, Italy)  
10:25

EFFECT OF DIFFERENT PRESSURE-TARGETED MODES OF VENTILATION ON TRANSPULMONARY PRESSURE AND INSPIRATORY EFFORT  
Abstract Presenter: Nuttapol Rittayamai (Toronto, Canada)  
10:40

ADAPTIVE SUPPORT VENTILATION AS AN ACCEPTABLE MODE TO PREVENT AIRFLOW LIMITATION, AIR ENTRAPMENT, DYNAMIC HYPERINFLATION AND PATIENT-VENTILATOR DYSSYNCHRONY  
Abstract Presenter: Ahmed Taha (Abu Dhabi, United Arab Emirates)  
10:55

SYSTEMATIC EVALUATION OF INTAKES IN PATIENTS RECEIVING NON INVASIVE VENTILATION. THE STARVE STUDY  
Abstract Presenter: Michel Arnaout (Paris Cedex 14, France)  
11:10

VIRAL IMPACT ON SEPSIS

Chair: Didier Payen (Paris, France)
Chair: Jeffrey Lipman (Brisbane, Australia)

HUMAN RHINOVIRUS INFECTION INDUCES LOCAL AND SYSTEMIC IMMUNOLOGICAL TOLERANCE IN HEALTHY VOLUNTEERS  
Abstract Presenter: Rebecca M. Koch (Nijmegen, Netherlands)  
10:10

PNEUMOCOCCAL PNEUMONIA COINFECTION IN CRITICALLY ILL PATIENTS WITH INFLUENZA A (H1N1) PRIMARY VIRAL PNEUMONIA  
Abstract Presenter: Francisco Javier González De Molina (Terrassa, Spain)  
10:25

DENGUE INFECTION WITH MULTIORGAN DYSFUNCTION: SOFA SCORE, ARTERIAL LACTATE AND SERUM ALBUMIN LEVELS ARE PREDICTORS OF OUTCOME  
Abstract Presenter: Sameer Jog (Pune, India)  
10:40

CYTOMEGALOVIRUS REACTIVATION ENHANCES THE VIRULENCE OF A STAPHYLOCOCCUS AUREUS PNEUMONIA IN A MOUSE MODEL  
Abstract Presenter: Sami Hraiech (Marseille, France)  
10:55
Scientific Programme

INITIAL LEVELS OF MR-PROADRENOMEDULLIN: A PREDICTOR OF SEVERITY IN PATIENTS WITH INFLUENZA A VIRUS PNEUMONIA
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)

EVALUATION OF SAPS-3 INDEX IN PATIENTS WITH STRUCTURAL BRAIN LESION ADMITTED IN INTENSIVE CARE UNIT (ICU)
Abstract Presenter: Maria Dolores Arias-Verdu (Malaga, Spain)

THE USEFULNESS OF MODIFIED NATIONAL EARLY WARNING SCORE WITH THE AGE LEVEL IN CRITICALLY ILL MEDICAL PATIENTS
Abstract Presenter: Young Seok Lee (Seoul, Korea, Republic of)

VALIDITY OF PROGNOSTIC SCORING SYSTEMS USED IN CRITICALLY ILL PATIENTS WITH ACUTE ON CHRONIC LIVER FAILURE
Abstract Presenter: Elena Aurea Keough Delgado (Madrid, Spain)

COMPARISON BETWEEN SAPS 3 AND APACHE II IN SURGICAL PATIENTS ADMITTED TO A BRAZILIAN ICU
Abstract Presenter: Roosevelt Santos Nunes (Ribeirão Preto, Brazil)

DESIGNING A CARDIAC SURGERY MORTALITY RISK MODEL WITH SPANISH POPULATION
Abstract Presenter: Meisy Pérez Cheng (Salamanca, Spain)

Stockholm
INSIGHTS INTO MECHANISMS
Chair: Patrick Honoré (Brussels, Belgium)
Chair: Ville Pettiälä (Helsinki, Finland)

STRUCTURE AND FUNCTION OF THE KIDNEY IN SEPTIC SHOCK - A PROSPECTIVE CONTROLLED STUDY
Abstract Presenter: Matthew J. Maiden (Adelaide, Australia)

HEPATIC DRUG METABOLISM BY CYP2D6 IN CRITICALLY ILL ADULTS WITH AKI: EFFECT OF PHENOTYPE AND AKI SEVERITY
Abstract Presenter: Katie Lane (London, United Kingdom)

EARLY DIAGNOSIS OF AKI IN THE ICU: URINARY CHITINASE 3-LIKE PROTEIN 1 AS A NOVEL RENAL TROPOIN
Abstract Presenter: Jorien De Loor (Merelbeke, Belgium)
**Scientific Programme**

**POST-MORTEM FINDINGS IN CRITICALLY ILL PATIENTS TREATED WITH CONTINUOUS RENAL REPLACEMENT THERAPY**
Abstract Presenter: Ilaria Alice Crippa (Bruxelles, Belgium)

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

**Oral Presentations**
10:10 - 11:30

**CARDIAC ARREST**
Chair: Alain Cariou (Paris, France)
Chair: Dirk Donker (Utrecht, Netherlands)

**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)**
Abstract Presenter: Ola Borgquist (Lund, Sweden)

**TIME TO START OF CARDIOPULMONARY RESUSCITATION AND THE EFFECT OF TARGET TEMPERATURE MANAGEMENT AT 33°C AND 36°C**
Abstract Presenter: Josef Dankiewicz (Lund, Sweden)

**EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO) IN THE MANAGEMENT OF NON-SURGICAL PATIENTS WITH CARDIOGENIC SHOCK AND CARDIAC ARREST**
Abstract Presenter: Petr Ostadal (Prague, Czech Republic)

**DIFFERENCES IN LONG-TERM MORTALITY AFTER OUT-OF-HOSPITAL, IN-HOSPITAL AND INTENSIVE CARE UNIT CARDIAC ARRESTS IN FINLAND**
Abstract Presenter: Ilmar Efendijev (Helsinki, Finland)

**QUALITY OF LIFE AFTER OUT-OF-HOSPITAL CARDIAC ARREST: THE PARISIAN REGISTRY**
Abstract Presenter: Guillaume Geri (Paris, France)

**Poster Corner**
10:10 - 12:00

**MONITORING THE VENTILATED PATIENT**
Chair: Xavier Monnet (Kremlin-Bicetre, France)
Chair: Thomas Bein (Regensburg, Germany)

**QUANTIFICATION OF LUNG COLLAPSE DURING PEEP-TITRATION BY ELECTRICAL IMPEDANCE TOMOGRAPHY IN EXPERIMENTAL ARDS - COMPARISON WITH QUANTITATIVE CT ANALYSIS**
Abstract Presenter: Sören Hammernmüller (Leipzig, Germany)

**PREDICTING EXTUBATION FAILURE**
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)

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 TRACHEOSTOMIZED 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: Nilesh 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)
KINETICS OF HIGH SENSITIVE TROPNONIN 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 TROPNONINS 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)
VARIABLES ASSOCIATED WITH PACEMAKER IMPLANTATION IN POSTOPERATIVE PATIENTS OF CARDIAC SURGERY IN A UNIVERSITY HOSPITAL
Abstract Presenter: Fabian Jaimes (Medellin, Colombia)

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)
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)

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

**Summary of Abstracts**

**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**

**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 (Maasricht 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 Kapuğası (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)
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)

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 Khalilq (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)
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 (İstanbul, 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)
EARLY NEUROCOGNITIVE REHABILITATION IN CRITICALLY ILL PATIENTS DURING ICU STAY: A SAFETY STUDY
Abstract Presenter: Sol Fernandez-Gonzalo (Sabadell, Spain)

Poster Corner
10:10 - 12:00

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)
BACTEREMIA AND CATHERER 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 INFAMMATORY 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-INFECTIVE 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 MULTIRESISTANT 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)
SUCCESS OF A URINARY CATHETER INSERTION TEAM IN REDUCING URINARY INFECTIONS IN INTENSIVE CARE UNIT  
Abstract Presenter: Dejanira Aparecida Regagnin (São Paulo, Brazil)

**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 INWARDS 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)
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)

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)
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)

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)
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)

NEXT LOUNGE - MEET THE EXPERTS

Chair: Peter Schellongowski (Vienna, Austria)

Fluid resuscitation: When, how and why
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

Ultraprotective 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
Lisbon

THE PREPARE SESSION - EMERGING INFECTIONS

Chair: Jean Carlet (Paris, France)
Chair: Massimo Antonelli (Rome, Italy)

Respiratory viruses
Speaker: Tobias Welte (Hanover, Germany)
12:00

Discussion
12:15

ICU management of haemorrhagic fever
Speaker: Jean-Daniel Chiche (Paris, France)
12:20

Discussion
12:35

Carbapenemases producers
Speaker: George Dimopoulos (Athens, Greece)
12:40

Discussion
12:55

Preventive measures in endemic areas
Speaker: Tobias Welte (Hanover, Germany)
13:00

Discussion
13:15

How to organise admission of patients with contagious diseases?
Speaker: Jean-Ralph Zahar (Angers, France)
13:20

Discussion
13:35

How do we protect health care workers from contagious patients?
Speaker: Dylan de Lange (Utrecht, Netherlands)
13:40

Discussion
13:55

Thematic Session
12:00 - 14:00
Athens

HOW TO GUIDE FLUID THERAPY

Chair: Azriel Perel (Tel Aviv, Israel)
Chair: Michel Slama (Amiens, France)

...in ED patients
Speaker: Jan Bakker (Rotterdam, Netherlands)
12:00

Discussion
12:15

...in OR patients
Speaker: Thomas Scheeren (Groningen, Netherlands)
12:20

Discussion
12:35

...in septic shock patients
Speaker: Michael Pinsky (Pittsburgh, United States)
12:40
Scientific Programme

Discussion 12:55
...in ARDS patients 13:00
Speaker: Azriel Perel (Tel Aviv, Israel)
Discussion 13:15
...in patients with increased abdominal pressure 13:20
Speaker: Daniel Reuter (Hamburg, Germany)
Discussion 13:35
...in trauma patients 13:40
Speaker: Didier Payen (Paris, France)
Discussion 13:55

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)

How to assess GFR in the ICU? 12:00
Speaker: Wilfred Druml (Vienna, Austria)
Discussion 12:15

How to predict recovery from AKI? 12:20
Speaker: Eric Hoste (Ghent, Belgium)
Discussion 12:35

When to stop RRT? 12:40
Speaker: Heleen Oudemans-van Straaten (Amsterdam, Netherlands)
Discussion 12:55

What are the long-term implications of AKI? 13:00
Speaker: Michael Darmon (Saint-Etienne, France)
Discussion 13:15

How to define recovery from AKI? 13:20
Speaker: John Prowle (London, United Kingdom)
Discussion 13:35

What to do with patients who survive AKI? 13:40
Speaker: Mink Chawla (Washington, United States)
Discussion 13:55
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)

Enhanced recovery after surgery - An update  12:00
Speaker: Aarne Feldheiser (Berlin, Germany)

Discussion  12:15

Perioperative haemodynamic optimisation  12:20
Speaker: Robert Sladen (New York, United States)

Discussion  12:35

Inotropic therapy during surgery  12:40
Speaker: Michelle Chew (Malmö, Sweden)

Discussion  12:55

Perioperative cardio-protection  13:00
Speaker: Giovanni Landoni (Milan, Italy)

Discussion  13:15

NIV after major surgery  13:20
Speaker: Ib Jammer (Bergen, Norway)

Discussion  13:35

Perioperative care of elderly patients  13:40
Speaker: Claudia Spies (Berlin, Germany)

Discussion  13:55

Geneva

NATIONAL ICU REGISTRIES

Chair: Christina Agvald-Öhman (Stockholm, Sweden)
Chair: Hans Flaatten (Bergen, Norway)

European overview  12:00
Speaker: Hans Flaatten (Bergen, Norway)

Discussion  12:15

What is a National ICU registry?  12:20
Speaker: Dylan de Lange (Utrecht, Netherlands)

Discussion  12:35

The use of registry data in research  12:40
Speaker: Sten Walter (Linköping, Sweden)
Scientific Programme

Discussion 12:55

Linking national registries, experiences from Denmark 13:00
Speaker: Steffen Christensen (Aarhus, Denmark)

Discussion 13:15

Using ICU registries to improve quality 13:20
Speaker: Christina Agvald-Öhman (Stockholm, Sweden)

Discussion 13:35

Collaboration between ICU registries 13:40
Speaker: Sten Walter (Linköping, Sweden)

Discussion 13:55

Thematic Session
12:00 - 14:00

FOREGOING LIFE-SUSTAINING TREATMENTS

Chair: Charles Sprung (Jerusalem, Israel)
Chair: Andrej Michalsen (Tettnang, Germany)

Which are the triggers for changing the goals of care? 12:00
Speaker: Charles Sprung (Jerusalem, Israel)

Discussion 12:15

Is withholding ethically the same as withdrawing? 12:20
Speaker: Bob Truog (Boston, United States)

Discussion 12:35

Should we perform “terminal extubation” at the end-of-life? 12:40
Speaker: Rik Gerritsen (Leeuwarden, Netherlands)

Discussion 12:55

Do we need a God for the decision? 13:00
Speaker: Doug White (Pittsburgh, United States)

Discussion 13:15

Should we ever lose hope? 13:20
Speaker: Julie Benbenishty (Jerusalem, Israel)

Discussion 13:35

Beyond standard care: Is there a justifiable claim for heroic measures? 13:40
Speaker: Andrej Michalsen (Tettnang, Germany)

Discussion 13:55
Thematic Session
12:00 - 14:00

**BIG DATA ANALYTICS IN INTENSIVE CARE: CLINICAL PRACTICE, EDUCATION AND RESEARCH**

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

**Shared access infrastructure in European Intensive Care Units**
Speaker: Theodoros Kyprianou (Nicosia, Cyprus)

**Discussion**

**Smart monitoring and decision support systems**
Speaker: Leo Anthony Celi (Boston, United States)

**Discussion**

**Building a database for education & training**
Speaker: Marius Terblanche (London, United Kingdom)

**Discussion**

**Big data analytics approach in research priorities**
Speaker: Johan Decruyenaere (Gent, Belgium)

**Discussion**

**Translating -omics to personalised medicine**
Speaker: Jean-Daniel Chiche (Paris, France)

**Discussion**

**General principles of data modelling and interface design**
Speaker: Olaf Cremer (Utrecht, Netherlands)

**Discussion**

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Thematic Session
12:00 - 14:00

**PROTECT & PROGRESS ICU PATIENTS CARE**

Chair: Elsa P. Afonso (Cambridge, United Kingdom)
Chair: Jos Latour (Plymouth, United Kingdom)

**Long-term tracheostomy management**
Speaker: Julie Benbenishty (Jerusalem, Israel)

**Discussion**

**Acoustics in the ICU**
Speaker: Deborah Dawson (London, United Kingdom)

**Discussion**

**Mobilising the obese: Challenges for the team**
Speaker: David Mcwilliams (Birmingham, United Kingdom)
Scientific Programme

Discussion 12:55

Pressure ulcer identification & management: What's new? 13:00
Speaker: Stijn Blot (Ghent, Belgium)
Discussion 13:15

Airway clearance techniques for the ventilated patient 13:20
Speaker: Dani Martí Romeu (Barcelona, Spain)
Discussion 13:35

Physical vs chemical restraint 13:40
Speaker: Carole Boulanger (Exeter, United Kingdom)
Discussion 13:55

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)

"Permissive" hypernatremia during intracranial hypertension: Is there any evidence? 12:00
Speaker: Karim Asehnoune (Nantes, France)
Discussion 12:15

Fluid management: Is there a better fluid? 12:20
Speaker: Pierre Bouzat (Grenoble, France)
Discussion 12:35

Fixed versus autoregulation-driven CPP targets 12:40
Speaker: Peter Vajkoczy (Berlin, Germany)
Discussion 12:55

Treatment of refractory status epilepticus: What is the best approach? 13:00
Speaker: Stephan Mayer (New York, United States)
Discussion 13:15

PaCO2 targets: Use and misuse 13:20
Speaker: Nino Stocchetti (Milan, Italy)
Discussion 13:35

Optimal control of sedation and analgesia in the NICU patient 13:40
Speaker: Giuseppe Citerio (Monza, Italy)
Discussion 13:55
28th Annual Congress of the European Society of Intensive Care Medicine, 3 - 7 October 2015, Berlin, Germany

**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  

**Erythropoetin in Traumatic Brain Injury: EPO-TBI trial**  
15:00  
Speaker: Craig French (Melbourne, Australia)
Scientific Programme

Discussion 15:15
Noninvasive Ventilation for Immunocompromised Patients with Acute Respiratory Failure 15:20
Speaker: Virginie Lemiale (Paris, France)

Discussion 15:35
Vasopressin vs Noradrenaline as Initial therapy in Septic Shock (VANISH): A randomised controlled trial 15:40
Speaker: Anthony Gordon (London, United Kingdom)

Discussion 15:55
European study of therapeutic hypothermia for intracranial pressure reduction after Traumatic Brain Injury: The EUROTHERM trial 16:00
Speaker: Peter J.D. Andrews (Edinburgh, United Kingdom)

Discussion 16:15
Chlorhexidine-alcohol vs Povidone iodine-alcohol antisepsis for catheter-related infection prevention: An open label, randomised controlled trial 16:20
Speaker: Jean-François Timsit (Paris, France)

Discussion 16:35