<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
<th>Speaker/Details</th>
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<tbody>
<tr>
<td>08:30-10:00</td>
<td><strong>CRITICAL CARE REFRESHER COURSE ACUTE RESPIRATORY FAILURE</strong></td>
<td>Postgraduate Course, Paris</td>
<td>Chair: Marco Maggiorini, Zurich, Switzerland, The open lung concept, new aspects. Lung recruitment manoeuvres, including proning Speaker: Jordi Mancebo Cortes, Barcelona, Spain Noninvasive mechanical ventilation during the weaning process: Facilitative, curative, or preventive? Speaker: Massimo Antonelli, Rome, Italy Sedation and analgesia during mechanical ventilation Speaker: Martin Dünser, Salzburg, Austria</td>
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<tr>
<td>08:40-10:40</td>
<td><strong>ICM RESEARCH: EVERYTHING YOU NEED FOR A CRACKING START! DEFINING THE STUDY QUESTION</strong></td>
<td>Postgraduate Course, Oslo</td>
<td>Why research matters to clinicians; what clinical work matters Speaker: Jacques Duranteau, Kremlin-Bicetre, France Defining the hypothesis (literature search and critical analysis) Speaker: Daniel De Backer, Brussels, Belgium Study design Speaker: Steve Webb, Perth, Australia Defining the right population Speaker: Stephen J. Brett, London, United Kingdom Discussion and questions</td>
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<tr>
<td>09:00-10:45</td>
<td><strong>MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT</strong></td>
<td>Postgraduate Course, Geneva</td>
<td>The pathophysiological framework: Ventilator-induced lung injury Speaker: Marco Ranieri, Turin, Italy Controlled mechanical ventilation settings: Basics Speaker: Nicolo Patroniti, Lissone, Italy How to assess respiratory mechanics at the bedside Speaker: Alain Mercat, Angers, France</td>
</tr>
</tbody>
</table>
Postgraduate Course, Catalonia

09:00-10:25 **CRITICAL CARE NURSING: HOTTEST TOPICS - UPDATE FOR AN EVIDENCE-BASED PRACTICE**

09:00-09:10 **Introduction & aims of the course**
Speaker: Elsa Afonso, London, United Kingdom

09:10-09:40 **Electronic Medical Records (EMR): Developing methods to automate scoring**
Speaker: Nuria Vila Batllori, Barcelona, Spain

09:40-10:25 **Planning for Pain, Agitation and Delirium (PAD): Operational guides-case studies**
Speaker: Julie Benbenishty, Jerusalem, Israel

Postgraduate Course, BM1+BM2

09:00-10:30 **HEART AND LUNG ULTRASOUNDS**

09:00-09:20 **Basic competences in GCCUS: What should every intensivist know?**
Speaker: Paul Mayo, New York, United States

09:20-09:40 **Basic competences in echocardiography: What should every intensivist know?**
Speaker: Anthony McLean, Sydney, Australia

09:40-10:30 **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

Postgraduate Course, M211+M212

09:20-10:40 **NEURO-ICU PRIMER: BASICS & PRACTICAL SKILLS FOR THE MANAGEMENT OF BRAIN-INJURED PATIENTS**
Chair: Giuseppe Citerio, Monza, Italy
Chair: Mauro Oddo, Lausanne, Switzerland

09:20-09:40 **Clinical examination of the comatose patient**
Speaker: Geert Meyfroidt, Leuven, Belgium

09:40-10:00 **Neuroimaging: Head CT scan, what the intensivist needs to know**
Speaker: Claude Hemphill, San Francisco, United States

10:00-10:20 **Neuroimaging: Brain MRI, what the intensivist needs to know**
Speaker: Claude Hemphill, San Francisco, United States

10:20-10:40 **Neuromonitoring: EEG, the basics for the intensivist**
Speaker: Jan Claassen, New York, United States

Postgraduate Course, Paris

10:30-12:00 **CRITICAL CARE REFRESHER COURSE ACUTE CARDIOVASCULAR FAILURE**
Chair: Hans Ulrich Rothen, Bern, Switzerland

10:30-11:00 **Target haemodynamic management**
Speaker: Marco Maggiorini, Zurich, Switzerland
Scientific Programme

11:00-11:30  Vasopressors side effects  
Speaker: Andrea Morelli, Rome, Italy

11:30-12:00  Heart and lung interactions, the essentials  
Speaker: Armand Girbes, Amsterdam, Netherlands

11:00-12:50  ICM RESEARCH: EVERYTHING YOU NEED FOR A CRACKING START! PERFORMING THE STUDY

11:00-11:20  Building the best team: Who you should work with, organisation, prioritisation and delegation  
Speaker: Steve Webb, Perth, Australia

11:20-11:50  Grant writing: What needs to go into a grant and why, what founders want, how grant panels think  
Speaker: Jean-Louis Vincent, Brussels, Belgium

11:50-12:10  Establishing primary & secondary endpoints  
Speaker: Massimo Antonelli, Rome, Italy

12:10-12:30  Sample size calculation: A balance between power and feasibility  
Speaker: David Harrison, London, United Kingdom

12:30-12:50  Discussion and questions

11:00-12:30  CRITICAL CARE NURSING: HOTTEST TOPICS - UPDATE FOR AN EVIDENCE-BASED PRACTICE

11:00-11:30  Preparing to wean from mechanical ventilation? How to do SAT, SBT and planned extubation  
Speaker: Bjoern Weiss, Berlin, Germany

11:30-12:00  Nurses' role in weaning after prolonged mechanical ventilation  
Speaker: Gemma Via, Barcelona, Spain

12:00-12:30  The A-Line: What is it good for? Case studies in application  
Speaker: Barbara McLean, Atlanta, United States

11:00-12:30  HEART AND LUNG ULTRASOUNDS: GROUP B

11:00-11:15  How to recognise severe left ventricular dysfunction (hypo & hyperkinesia)?  
Speaker: Martin Balik, Prague, Czech Republic

11:15-11:30  How to recognise a failing right ventricle?  
Speaker: Antoine Vieillard-Baron, Boulogne, France

11:30-11:45  Pericardial effusion & tamponade  
Speaker: Bernard Cholley, Paris, France

11:45-12:00  Massive valvular regurgitation: How to identify the problem?  
Speaker: Jan Poelaert, Brussels, Belgium
Scientific Programme

12:00-12:15  Wall motion abnormalities
Speaker: Gorazd Voga, Celje, Slovenia

12:15-12:30  Inferior vena cava: How to measure? How to interpret? Limits
Speaker: Irene Rovira, Barcelona, Spain

Postgraduate Course, BM3+BM4

11:00-12:30  HEART AND LUNG ULTRASOUNDS: GROUP A

11:00-12:30  Hands-on
Speaker: Paul Mayo, New York, United States
Speaker: Daniel Lichtenstein, Paris, France
Speaker: Anthony McLean, Sydney, Australia
Speaker: Yanick Beaulieu, Montreal, Canada

Postgraduate Course, BM5

11:00-12:30  HEART AND LUNG ULTRASOUNDS: GROUP C

11:00-11:15  Clinical case on severe LV dysfunction (show different LV contractile pattern using TTE exclusively: Normal, hypo, hyper and ask the audience to estimate qualitatively contractility)
Speaker: Nick Fletcher, London, United Kingdom

11:15-11:30  Clinical cases showing images of normal and failing RV: ask the audience to decide if the cavities are dilated or not, hypokinetic or not?
Speaker: Armand Mekontso Dessap, Créteil, France

11:30-11:45  Regional wall motion abnormalities, obvious cases, major territories (anterior, inferior, lateral). Ask the audience to recognise which wall is involved
Speaker: Michelle Chew, Malmö, Sweden

11:45-12:00  Clinical cases of pericardial effusion, tamponade or not?
Speaker: Luis Zapata, Barcelona, Spain

12:00-12:15  Clinical cases on valvular regurgitation (TTE, 2D and color Doppler only)
Speaker: Fernando Clau-Terré, Barcelona, Spain

12:15-12:30  Clinical cases with inferior vena cava. Discuss interpretation and potential therapeutic implications. Insist on limits
Speaker: Michel Slama, Amiens, France

Postgraduate Course, M211+M212

11:00-12:40  NEURO-ICU PRIMER: BASICS & PRACTICAL SKILLS FOR THE MANAGEMENT OF BRAIN-INJURED PATIENTS
Chair: Fabio Silvio Taccone, Brussels, Belgium
Chair: Geert Meyfroidt, Leuven, Belgium

11:00-11:20  Neuromonitoring: ICP thresholds, curve interpretations, pitfalls
Speaker: Geert Meyfroidt, Leuven, Belgium

11:20-11:40  Neuromonitoring: ICP indications and utility
Speaker: Giuseppe Citerio, Monza, Italy
Scientific Programme

11:40-12:00 Neuromonitoring: Brain tissue PO2, when and for who?
Speaker: Mauro Oddo, Lausanne, Switzerland

12:00-12:20 Neuromonitoring: NIRS, is it useful?
Speaker: Fabio Silvio Taccone, Brussels, Belgium

12:20-12:40 Neuromonitoring: Cerebral microdialysis, does it have a role?
Speaker: Martin Smith, London, United Kingdom

Postgraduate Course, Geneva

11:15-12:30 MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT

11:15-12:30 Hands-on session 1: VCV, PCV, Crs, Raw, P-V curve
Speaker: Hernan Marcelo Aguirre-Bermeo, Barcelona, Spain
Speaker: Giuseppe Foti, Lecco, Italy
Speaker: Giorgio Iotti, Pavia, Italy
Speaker: Tommaso Mauri, Monza, Italy
Speaker: Onnen Mörer, Göttingen, Germany
Speaker: Lise Piquilloud, Lausanne, Switzerland
Speaker: François Beloncle, Toronto, Canada

Postgraduate Course, Stockholm

13:00-16:30 UPDATE ON ADVANCED HAEMODYNAMIC MONITORING: PHYSIOLOGY, PATHOPHYSIOLOGY AND THE TOOLS (PART 1)
Chair: Maurizio Cecconi, London, United Kingdom

13:00-13:30 Cardiovascular pathophysiology: Understanding functional haemodynamic
Speaker: Michael Pinsky, Pittsburgh, United States

13:30-14:00 Venous return: Understanding preload
Speaker: Jan Bakker, Rotterdam, Netherlands

14:00-14:30 The grey zones of dynamic indices
Speaker: Xavier Monnet, Kremlin-Bicetre, France

14:30-15:00 Discussion

15:00-15:20 Arterial blood pressure
Speaker: Michael Pinsky, Pittsburgh, United States

15:20-15:40 Which one is the best target?
Speaker: Jan Bakker, Rotterdam, Netherlands

15:40-16:00 From minimal monitoring to Airbus cockpit?
Speaker: Jean-Louis Teboul, Kremlin-Bicetre, France

16:00-16:30 Discussion

Postgraduate Course, Geneva

13:00-15:00 MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT
13:00-13:30  Clinical case 1: Respiratory mechanics  
Speaker: Tommaso Mauri, Monza, Italy

13:30-14:15  Advanced respiratory monitoring: Transpulmonary pressure  
Speaker: Laurent Brochard, Toronto, Canada

14:15-15:00  Advanced respiratory monitoring: Lung volumes  
Speaker: Luciano Gattinoni, Milan, Italy

13:00-14:30  CRITICAL CARE REFRESHER COURSE NUTRITION AND METABOLISM  
Chair: Marco Maggiorini, Zurich, Switzerland

13:00-13:30  Metabolic needs of the ICU patient  
Speaker: Anne Berit Guttormsen, Bergen, Norway

13:30-14:00  How do I feed my patient?  
Speaker: Jan Wernerman, Stockholm, Sweden

14:00-14:30  Special nutrients, selenium, glamin and fish oil  
Speaker: Mette Berger, Lausanne, Switzerland

13:20-16:00  NEURO-ICU PRIMER: BASICS & PRACTICAL SKILLS FOR THE MANAGEMENT OF BRAIN-INJURED PATIENTS  
Chair: Fabio Silvio Taccone, Brussels, Belgium  
Chair: Jacques Duranteau, Kremlin-Bicetre, France  
Chair: Pierre Bouzat, Grenoble, France

13:20-13:40  TCD monitoring: Basic knowledges (theory)  
Speaker: Pierre Bouzat, Grenoble, France

13:40-14:00  TCD monitoring: Indications and utility  
Speaker: Fabio Silvio Taccone, Brussels, Belgium

14:00-16:00  TCD hands-on  
Speaker: Jacques Duranteau, Kremlin-Bicetre, France  
Speaker: Fabio Silvio Taccone, Brussels, Belgium  
Speaker: Pierre Bouzat, Grenoble, France

13:30-15:30  CRITICAL CARE NURSING: HOTTEST TOPICS - UPDATE FOR AN EVIDENCE-BASED PRACTICE - ROTATE GROUPS: SIMULATION/PRACTICUM

13:30-14:10  Case studies PAD (Group A: 1, 2, 3)  
Speaker: Julie Benbenishty, Jerusalem, Israel

14:10-14:50  Case studies WEAN (Group B: 2, 3, 1)  
Speaker: Bjoern Weiss, Berlin, Germany
Scientific Programme

14:50-15:30 Case studies Arterial Pressure CO (Group C: 3, 1, 2)
Speaker: Barbara McLean, Atlanta, United States

13:30-15:00 HEART AND LUNG ULTRASOUNDS: GROUP C
13:30-13:45 How to recognise severe left ventricular dysfunction (hypo & hyperkinesia)?
Speaker: Martin Balik, Prague, Czech Republic
13:45-14:00 How to recognise a failing right ventricle?
Speaker: Antoine Vieillard-Baron, Boulogne, France
14:00-14:15 Pericardial effusion & tamponade
Speaker: Bernard Cholley, Paris, France
14:15-14:30 Massive valvular regurgitation: How to identify the problem?
Speaker: Jan Poelaert, Brussels, Belgium
14:30-14:45 Wall motion abnormalities
Speaker: Gorazd Voga, Celje, Slovenia
14:45-15:00 Inferior vena cava: How to measure? How to interpret? Limits
Speaker: Irene Rovira, Barcelona, Spain

13:30-15:00 HEART AND LUNG ULTRASOUNDS: GROUP B
13:30-15:00 Hands-on
Speaker: Paul Mayo, New York, United States
Speaker: Daniel Lichtenstein, Paris, France
Speaker: Anthony McLean, Sydney, Australia
Speaker: Yanick Beaulieu, Montreal, Canada

13:30-15:00 HEART AND LUNG ULTRASOUNDS: GROUP A
13:30-13:45 Clinical case on severe LV dysfunction (show different LV contractile pattern using TTE exclusively: Normal, hypo, hyper and ask the audience to estimate qualitatively contractility)
Speaker: Nick Fletcher, London, United Kingdom
13:45-14:00 Clinical cases showing images of normal and failing RV: Ask the audience to decide if the cavities are dilated or not, hypokinetic or not?
Speaker: Armand Mekontso Dessap, Créteil, France
14:00-14:15 Regional wall motion abnormalities, obvious cases, major territories (anterior, inferior, lateral). Ask the audience to recognise which wall is involved
Speaker: Michelle Chew, Malmö, Sweden
14:15-14:30 Clinical cases of pericardial effusion, tamponade or not?
Speaker: Luis Zapata, Barcelona, Spain
14:30-14:45 Clinical cases on valvular regurgitation (TTE, 2D and color Doppler only)
Speaker: Fernando Clau-Terré, Barcelona, Spain
14:45-15:00 Clinical cases with inferior vena cava. Discuss interpretation and potential therapeutic implications. Insist on limits
Speaker: Michel Slama, Amiens, France

13:40-15:00 ICM RESEARCH: EVERYTHING YOU NEED FOR A CRACKING START! ANALYSIS
13:40-14:00 Planning statistical analysis
Speaker: David Harrison, London, United Kingdom
14:00-14:20 Randomisation strategies and alternatives
Speaker: Steve Webb, Perth, Australia
14:20-14:40 Which control group?
Speaker: Geoffrey Bellingan, London, United Kingdom
14:40-15:00 Data collection: What, how and when?
Speaker: Daniel De Backer, Brussels, Belgium

14:30-16:00 CRITICAL CARE REFRESHER COURSE ACUTE CNS DYSFUNCTION
Chair: Dermot Phelan, Dublin, Ireland
14:30-15:00 Metabolic encephalopathy of the critically-ill
Speaker: Arjen Slooter, Utrecht, Netherlands
15:00-15:30 Epilepsy: What does the intensivist need to know?
Speaker: Jan Claassen, New York, United States
15:30-16:00 Party-drug intoxication
Speaker: Armand Girbes, Amsterdam, Netherlands

15:20-17:00 ICM RESEARCH: EVERYTHING YOU NEED FOR A CRACKING START! PRESENTATION AND PUBLICATION
15:20-15:40 Where and how to present your research: What I look for in a poster & oral presentation?
Speaker: Mitchell Levy, Providence, United States
15:40-16:00 Where and how to publish your research: What you should know, what do journal editors think and want?
Speaker: Massimo Antonelli, Rome, Italy
16:00-16:20 How to write a paper: The publication characteristics of critical care and general journals
Speaker: Marco Ranieri, Turin, Italy
16:20-16:40 Answering reviewers? comments
Speaker: Elie Azoulay, Paris, France
16:40-17:00 Discussion and questions
Postgraduate Course, Geneva

**15:30-17:45 MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT**

**15:30-16:15** Alternative strategies and rescue treatments in severely hypoxemic patients  
Speaker: Alain Combes, Paris, France

**16:15-17:00** Evidence- and physiology-based settings of mechanical ventilation in ARDS  
Speaker: Michael Quintel, Göttingen, Germany

**17:00-17:45** Hands-on session 2: Mechanical ventilation settings in ARDS  
Speaker: Hernan Marcelo Aguirre-Bermeo, Barcelona, Spain  
Speaker: Giuseppe Foti, Lecco, Italy  
Speaker: Giorgio Iotti, Pavia, Italy  
Speaker: Tommaso Mauri, Monza, Italy  
Speaker: Onnen Mörer, Göttingen, Germany  
Speaker: Lise Piquilloud, Lausanne, Switzerland  
Speaker: François Beloncle, Toronto, Canada

Postgraduate Course, BM1+BM2

**15:30-17:00 HEART AND LUNG ULTRASOUNDS: GROUP A**

**15:30-15:45** How to recognise severe left ventricular dysfunction (hypo & hyperkinesia)?  
Speaker: Martin Balik, Prague, Czech Republic

**15:45-16:00** How to recognise a failing right ventricle?  
Speaker: Antoine Vieillard-Baron, Boulogne, France

**16:00-16:15** Pericardial effusion & tamponade  
Speaker: Bernard Cholley, Paris, France

**16:15-16:30** Massive valvular regurgitation: How to identify the problem?  
Speaker: Jan Poelaert, Brussels, Belgium

**16:30-16:45** Wall motion abnormalities  
Speaker: Gorazd Voga, Celje, Slovenia

**16:45-17:00** Inferior vena cava: How to measure? How to interpret? Limits  
Speaker: Irene Rovira, Barcelona, Spain

Postgraduate Course, BM3+BM4

**15:30-17:00 HEART AND LUNG ULTRASOUNDS: GROUP C**

**15:30-17:00** Hands-on  
Speaker: Paul Mayo, New York, United States  
Speaker: Daniel Lichtenstein, Paris, France  
Speaker: Anthony McLean, Sydney, Australia  
Speaker: Yanick Beaulieu, Montreal, Canada

Postgraduate Course, BM5

**15:30-17:00 HEART AND LUNG ULTRASOUNDS: GROUP B**
15:30-15:45  Clinical case on severe LV dysfunction (show different LV contractile pattern using TTE exclusively : Normal, hypo, hyper and ask the audience to estimate qualitatively contractility)
Speaker: Nick Fletcher, London, United Kingdom

15:45-16:00  Clinical cases showing images of normal and failing RV: Ask the audience to decide if the cavities are dilated or not, hypokinetic or not?
Speaker: Armand Mekontso Dessap, Créteil, France

16:00-16:15  Regional wall motion abnormalities, obvious cases, major territories (anterior, inferior, lateral). Ask the audience to recognise which wall is involved
Speaker: Michelle Chew, Malmö, Sweden

16:15-16:30  Clinical cases of pericardial effusion, tamponade or not?
Speaker: Luis Zapata, Barcelona, Spain

16:30-16:45  Clinical cases on valvular regurgitation (TTE, 2D and color Doppler only)
Speaker: Fernando Clau-Terré, Barcelona, Spain

16:45-17:00  Clinical cases with inferior vena cava. Discuss interpretation and potential therapeutic implications. Insist on limits
Speaker: Michel Slama, Amiens, France

16:00-18:00  CRITICAL CARE NURSING: HOTTEST TOPICS - UPDATE FOR AN EVIDENCE-BASED PRACTICE

16:00-16:45  Critical incident management
Speaker: Barbara McLean, Atlanta, United States

16:45-17:05  What is really new that you can do? Five papers you should know in intensive care
Speaker: Stijn Blot, Ghent, Belgium

17:05-17:25  What is really new that you can do? Five papers you should know in intensive care
Speaker: Deborah Dawson, London, United Kingdom

17:25-17:45  What is really new that you can do? Five papers you should know in intensive care
Speaker: Sonia Labeau, Ghent, Belgium

17:45-18:00  Round up of day one
Speaker: Elsa Afonso, London, United Kingdom

16:20-18:00  NEURO-ICU PRIMER: BASICS & PRACTICAL SKILLS FOR THE MANAGEMENT OF BRAIN-INJURED PATIENTS
Chair: Nino Stocchetti, Milan, Italy
Chair: Geert Meyfroidt, Leuven, Belgium

16:20-16:40  General management of NICU patients: Blood pressure, CPP
Speaker: Nino Stocchetti, Milan, Italy

16:40-17:00  General management of NICU patients: Mechanical ventilation
Speaker: Paolo Pelosi, Genova, Italy
17:00-17:20  **General management of NICU patients: Systemic monitoring**  
Speaker: Fabio Silvio Taccone, Brussels, Belgium

17:20-17:40  **General management of NICU patients: Fluid resuscitation**  
Speaker: Martin Smith, London, United Kingdom

17:40-18:00  **General management of NICU patients: Sedation and analgesia**  
Speaker: Geert Meyfroidt, Leuven, Belgium

**Postgraduate Course, Paris**

16:30-18:00  **CRITICAL CARE REFRESHER COURSE ETHICS AND ICU ORGANISATION**  
Chair: Paulo Maia, Porto, Portugal

16:30-17:00  **Quality indicators in the ICU**  
Speaker: Andreas Valentin, Vienna, Austria

17:00-17:30  **Intensive care medicine facing the increasing age of our patients**  
Speaker: Hans Flaatten, Bergen, Norway

17:30-18:00  **How to keep quality of care while saving money**  
Speaker: Hans Ulrich Rothen, Bern, Switzerland

**Postgraduate Course, Stockholm**

17:00-18:20  **UPDATE ON ADVANCED HAEMODYNAMIC MONITORING: PHYSIOLOGY, PATHOPHYSIOLOGY AND THE TOOLS (PART 2)**  
Chair: Ignacio Martin-Loeches, Dublin, Ireland

17:00-17:20  **What echocardiography cannot tell**  
Speaker: Christoph Hofer, Zurich, Switzerland

17:20-17:40  **Monitoring the microcirculation**  
Speaker: Can Ince, Amsterdam, Netherlands

17:40-18:00  **Assessing response to therapy: SvO2, lactate, PCO2 gap, others**  
Speaker: Didier Payen de la Garanderie, Paris, France

18:00-18:20  **Discussion**

**Postgraduate Course, Oslo**

17:20-18:00  **ICM RESEARCH: EVERYTHING YOU NEED FOR A CRACKING START! STUDY CHALLENGE**

17:20-17:30  **How ESIICM and NEXT can help you with your research**  
Speaker: Katia Donadello, Brussels, Belgium
Speaker: Katie Lane, London, United Kingdom

17:30-18:00  **Setting the challenge**  
Speaker: Jacques Duranteau, Kremlin-Bicetre, France
### Sunday, 28. September 2014

#### Postgraduate Course, Paris

- **08:30-10:00** [CRITICAL CARE REFRESHER COURSE ACUTE KIDNEY INJURY](#)
  - **Chair:** Eric Hoste, Ghent, Belgium
  - **08:30-09:00** Risk assessment and prevention
    - **Speaker:** Michael Joannidis, Innsbruck, Austria
  - **09:00-09:30** Medical treatment
    - **Speaker:** Marlies Ostermann, London, United Kingdom
  - **09:30-10:00** When should I start CRRT?
    - **Speaker:** John Kellum, Pittsburgh, United States

#### Postgraduate Course, Catalonia

- **08:30-09:45** [CRITICAL CARE NURSING: HOTTEST TOPICS - UPDATE FOR AN EVIDENCE-BASED PRACTICE](#)
  - **08:30-09:00** EMR: Integrating SBAR and goal setting into multi-professional rounds
    - **Speaker:** Nuria Vila Batllori, Barcelona, Spain
  - **09:00-09:45** Intracranial Pressure Monitoring: Easy as 1,2,3-case studies
    - **Speaker:** David Tellez, Barcelona, Spain

#### Postgraduate Course, BM6

- **08:30-10:10** MANAGING IMMUNOCOMPROMISED PATIENTS WHO IS IMMUNOCOMPROMISED?
  - **Chair:** Michael Darmon, Saint-Etienne, France
  - **Chair:** Philippe Eggimann, Lausanne, Switzerland
  - **08:30-08:50** Immunology for dummies
    - **Speaker:** Jean-Daniel Chiche, Paris, France
  - **08:50-09:10** Hematological malignancies: Spectrum of the disease
    - **Speaker:** Dominique Benoit, Ghent, Belgium
  - **09:10-09:30** What is an immunocompromised patient?
    - **Speaker:** Philippe Eggimann, Lausanne, Switzerland
  - **09:30-09:50** Neutropenia: Does it matter?
    - **Speaker:** Michael Darmon, Saint-Etienne, France
  - **09:50-10:10** Is it an infection or not?
    - **Speaker:** Yasser Sakr, Jena, Germany

#### Postgraduate Course, Geneva

- **09:00-11:30** MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT
## Scientific Programme

### 09:00-09:30
**Assisted mechanical ventilation settings: Basics**  
Speaker: Salvatore Maggiore, Rome, Italy

### 09:30-10:00
**How to assess patient’s effort during assisted mechanical ventilation**  
Speaker: Antonio Pesenti, Monza, Italy

### 10:00-10:45
**Patient-ventilator interaction during assisted mechanical ventilation**  
Speaker: Laurent Brochard, Toronto, Canada

### 10:45-11:30
**Clinical case 2: ARDS**  
Speaker: Claude Guérin, Lyon, France

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### Postgraduate Course, Brussels

#### 09:00-10:20
**ACUTE KIDNEY INJURY: DIAGNOSIS, MANAGEMENT & CONTROVERSIES THE BASICS**  
Chair: Lui Forni, Worthing, United Kingdom

- **09:00-09:20**  
  **Case study: Is all AKI the same**  
  Speaker: Lui Forni, Worthing, United Kingdom

- **09:20-09:40**  
  **Pathogenesis of AKI**  
  Speaker: John Prowle, London, United Kingdom

- **09:40-10:00**  
  **Epidemiology of AKI**  
  Speaker: Ville Pettilä, Helsinki, Finland

- **10:00-10:20**  
  **Prevention of AKI**

### Postgraduate Course, Oslo

#### 09:00-09:20
**NEXT DAY WELCOME AND INTRODUCTION**

- **09:00-09:10**  
  **Next NEXT**  
  Speaker: Jean-Daniel Chiche, Paris, France

- **09:10-09:20**  
  **The ICM trainees’ feedback**  
  Speaker: Lara Prisco, Cambridge, United Kingdom

### Postgraduate Course, BM1+BM2

#### 09:00-10:35
**HEART AND LUNG ULTRASOUNDS: GROUP B**

- **09:00-09:20**  
  **Echo signs of pneumothorax**  
  Speaker: Paul Mayo, New York, United States

- **09:20-09:40**  
  **Pleural effusion**  
  Speaker: Paul Mayo, New York, United States

- **09:40-10:00**  
  **Lung condensation: Pneumonia, atelectasis,?**  
  Speaker: Daniel Lichtenstein, Paris, France

- **10:00-10:20**  
  **Respiratory distress: Basic approach using US**  
  Speaker: Xavier Monnet, Kremlin-Bicetre, France

- **10:20-10:35**  
  **Diaphragmatic function: How to evaluate?**  
  Speaker: Paolo Pelosi, Genova, Italy
### Scientific Programme

**Postgraduate Course, BM3+BM4**

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<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speakers</th>
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<td>09:00-10:30</td>
<td><strong>HEART AND LUNG ULTRASOUNDS: GROUP A</strong></td>
<td>Hands-on</td>
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<td>Speaker: Bernard Cholley, Paris, France</td>
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<td>Speaker: Gorazd Yoga, Celje, Slovenia</td>
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<td>Speaker: Martin Balik, Prague, Czech Republic</td>
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<td>Speaker: Michelle Chew, Malmö, Sweden</td>
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<td>Speaker: Fernando Clau-Terré, Barcelona, Spain</td>
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**Postgraduate Course, BM5**

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<tr>
<td>09:00-10:35</td>
<td><strong>HEART AND LUNG ULTRASOUNDS: GROUP C</strong></td>
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<tr>
<td>09:00-09:20</td>
<td>Clinical case pneumothorax (pleural sliding present and absent, 2D and M-mode, lung point)</td>
<td>Speaker: Eric Maury, Paris, France</td>
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<td>Clinical cases of pleural effusion, various importances, discuss indication for chest tube or not with audience</td>
<td>Speaker: Anthony McLean, Sydney, Australia</td>
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<td>Clinical cases of lung condensation</td>
<td>Speaker: Yanick Beaulieu, Montreal, Canada</td>
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<td>10:00-10:20</td>
<td>Practical approach to Respiratory Distress</td>
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<td>10:20-10:35</td>
<td>Examples of diaphragmatic evaluation, pitfalls in measurement</td>
<td>Speaker: Eric Maury, Paris, France</td>
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**Postgraduate Course, M211+M212**

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<td>09:00-10:40</td>
<td><strong>NEURO-ICU PRIMER: BASICS &amp; PRACTICAL SKILLS FOR THE MANAGEMENT OF BRAIN-INJURED PATIENTS</strong></td>
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<td>09:00-09:20</td>
<td>Interactive clinical cases: Male, 24-year old, refractory ICP after TBI</td>
<td>Speaker: Jean-François Payen, Grenoble, France</td>
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<tr>
<td>09:20-09:40</td>
<td>Interactive clinical cases: Female, 74-year old, refractory ICP after TBI</td>
<td>Speaker: Geert Meyfroidt, Leuven, Belgium</td>
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<td>09:40-10:00</td>
<td>Interactive clinical cases: Case 1, good-grade subarachnoid haemorrhage. Monitoring and management of DCI</td>
<td>Speaker: Giuseppe Citerio, Monza, Italy</td>
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<tr>
<td>10:00-10:20</td>
<td>Interactive clinical cases: Case 2, poor-grade comatose subarachnoid hemorrhage. Monitoring and management of DCI and other complications (hydrocephalus, seizures)</td>
<td>Speaker: Giuseppe Citerio, Monza, Italy</td>
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Scientific Programme

10:20-10:40  Interactive clinical cases: Severe ischemic stroke. Management of recanalization and systemic complications
Speaker: Martin Smith, London, United Kingdom

09:20-11:00  NEXT DAY BIG - 5: HOTTEST TOPICS IN 2014
Chair: Jozef Kesecioglu, Utrecht, Netherlands
Chair: Katia Donadello, Brussels, Belgium
09:20-09:40  Sepsis: Where betablockers and catecholamines collide
Speaker: Andrea Morelli, Rome, Italy
Speaker: Nadia Aissaoui, Paris, France
09:40-10:00  Long-term cognitive deficits after ICU treatment: What is the key for prevention and treatment?
Speaker: David Menon, Cambridge, United Kingdom
Speaker: Bjoern Weiss, Berlin, Germany
10:00-10:20  Therapeutic hypothermia: Moving towards the thaw?
Speaker: Alain Cariou, Paris, France
Speaker: Peter Schellongowski, Vienna, Austria
10:20-10:40  Heart-lung interactions: Turning a foe into a friend
Speaker: Xavier Monnet, Kremlin-Bicetre, France
Speaker: Matthias Hilty, Zurich, Switzerland
10:40-11:00  What treatment options can I offer to my "weak" ICU patient?
Speaker: Steffen Weber-Carstens, Berlin, Germany
Speaker: Katie Lane, London, United Kingdom

09:30-11:00  UPDATE ON ADVANCED HAEMODYNAMIC MONITORING: FROM THEORY TO PRACTICE (PART 1)
Chair: Christoph Hofer, Zurich, Switzerland
09:30-10:00  How to give fluids
Speaker: Maurizio Cecconi, London, United Kingdom
10:00-10:30  How to use vasoactive drugs
Speaker: Daniel De Backer, Brussels, Belgium
10:30-11:00  Putting the picture together: A clinical case
Speaker: Claude Martin, Marseille, France

10:15-11:30  CRITICAL CARE NURSING: HOTTEST TOPICS - UPDATE FOR AN EVIDENCE-BASED PRACTICE

10:15-10:45  Walking off the ventilator. Strategies for early mobilisation
Speaker: Dani Martí Romeu, Barcelona, Spain
10:45-11:30  **Intra-abdominal hypertension. Stretched to the limits. Case studies**  
Speaker: Annika Reintam Blaser, Tartu, Estonia

Postgraduate Course, Paris

10:30-12:00  **CRITICAL CARE REFRESHER COURSE FLUID AND ACID-BASE DISORDERS**  
Chair: Dermot Phelan, Dublin, Ireland

10:30-11:00  **The Stuart approach to acid-base disorders**  
Speaker: Luciano Gattinoni, Milan, Italy

11:00-11:30  **Hypernatremia**  
Speaker: Francesca Rubulotta, London, United Kingdom

11:30-12:00  **Lactic acidosis**  
Speaker: Jan Bakker, Rotterdam, Netherlands

Postgraduate Course, BM6

10:30-11:50  **MANAGING IMMUNOCOMPROMISED PATIENTS OUTCOMES**  
Chair: J. Randall Curtis, Seattle, United States  
Chair: Elie Azoulay, Paris, France

10:30-10:50  **Outcomes in cancer patients**  
Speaker: Elie Azoulay, Paris, France

10:50-11:10  **Why mortality is higher in opportunistic infections?**  
Speaker: José Artur Paiva, Porto, Portugal

11:10-11:30  **Establishing the goals of care**  
Speaker: J. Randall Curtis, Seattle, United States

11:30-11:50  **To admit or not to admit?**  
Speaker: Dominique Benoit, Ghent, Belgium

Postgraduate Course, Brussels

10:50-12:10  **ACUTE KIDNEY INJURY: DIAGNOSIS, MANAGEMENT & CONTROVERSIES RRT: THE BASICS**  
Chair: Lui Forni, Worthing, United Kingdom

10:50-11:10  **Case study: AKI case - Need for RRT?**  
Speaker: Eric Hoste, Ghent, Belgium

11:10-11:30  **When to start RRT?**  
Speaker: Michael Darmon, Saint-Etienne, France

11:30-11:50  **What modality to choose?**  
Speaker: Anne-Cornélie de Pont, Amsterdam, Netherlands

11:50-12:10  **What membrane to choose?**  
Speaker: Patrick Honoré, Brussels, Belgium
Scientific Programme

Postgraduate Course, BM1+BM2
11:00-12:35 HEART AND LUNG ULTRASOUNDS: GROUP C
11:00-11:20 Echo signs of pneumothorax
   Speaker: Paul Mayo, New York, United States
11:20-11:40 Pleural effusion
   Speaker: Paul Mayo, New York, United States
11:40-12:00 Lung condensation: Pneumonia, atelectasis,?
   Speaker: Daniel Lichtenstein, Paris, France
12:00-12:20 Respiratory distress: Basic approach using US
   Speaker: Xavier Monnet, Kremlin-Bicetre, France
12:20-12:35 Diaphragmatic function: How to evaluate?
   Speaker: Paolo Pelosi, Genova, Italy

Postgraduate Course, BM3+BM4
11:00-12:30 HEART AND LUNG ULTRASOUNDS: GROUP B
11:00-12:30 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: Michel Slama, Amiens, France
   Speaker: Armand Mekontso Dessap, Créteil, France
   Speaker: Nick Fletcher, London, United Kingdom
   Speaker: Michelle Chew, Malmö, Sweden
   Speaker: Fernando Clau-Terré, Barcelona, Spain

Postgraduate Course, BM5
11:00-12:35 HEART AND LUNG ULTRASOUNDS: GROUP A
11:00-11:20 Clinical case pneumothorax (pleural sliding present and absent, 2D and M-mode, lung point)
   Speaker: Eric Maury, Paris, France
11:20-11:40 Clinical cases of pleural effusion, various importances, discuss indication for chest tube or not with audience
   Speaker: Anthony McLean, Sydney, Australia
11:40-12:00 Clinical cases of lung condensation
   Speaker: Yanick Beaulieu, Montreal, Canada
12:00-12:20 Practical approach to Respiratory Distress
   Speaker: Yanick Beaulieu, Montreal, Canada
12:20-12:35 Examples of diaphragmatic evaluation, pitfalls in measurement
   Speaker: Eric Maury, Paris, France
Postgraduate Course, M211+M212

11:00-12:40  **NEURO-ICU PRIMER: BASICS & PRACTICAL SKILLS FOR THE MANAGEMENT OF BRAIN-INJURED PATIENTS**
Chair: Nino Stocchetti, Milan, Italy
Chair: Fabio Silvio Taccone, Brussels, Belgium

11:00-11:20  **Interactive clinical cases: Malignant stroke, monitoring and management of brain edema, DC**
Speaker: Mauro Oddo, Lausanne, Switzerland

11:20-11:40  **Interactive clinical cases: Spontaneous intracerebral haemorrhage**
Speaker: Nino Stocchetti, Milan, Italy

11:40-12:00  **Interactive clinical cases: Anticoagulation-induced intracerebral hemorrhage**
Speaker: Giuseppe Citerio, Monza, Italy

12:00-12:20  **Interactive clinical cases: 45-year old, VF, coma after cardiac arrest**
Speaker: Fabio Silvio Taccone, Brussels, Belgium

12:20-12:40  **Interactive clinical cases: 75-year old, asystole, coma after cardiac arrest**
Speaker: Fabio Silvio Taccone, Brussels, Belgium

Postgraduate Course, Stockholm

11:15-12:15  **UPDATE ON ADVANCED HAEMODYNAMIC MONITORING: FROM THEORY TO PRACTICE [PART 2]**
Chair: Michael Pinsky, Pittsburgh, United States

11:15-11:45  **Protecting the lungs or the kidneys**
Speaker: Antonio Artigas, Barcelona, Spain

11:45-12:15  **Fluids in the patient with leaky lungs**
Speaker: Jean-Louis Teboul, Kremlin-Bicetre, France

Postgraduate Course, Oslo

11:20-12:40  **NEXT DAY I AM ALONE ON THE NIGHT SHIFT**
Chair: Jordi Mancebo Cortes, Barcelona, Spain
Chair: Bernardo Bollen Pinto, London, United Kingdom

11:20-11:40  **Medical imaging case mix**
Speaker: Michael Hiesmayr, Vienna, Austria

11:40-12:00  **Pathophysiology case mix**
Speaker: Didier Payen de la Garanderie, Paris, France

12:00-12:20  **What should I do about this rising lactate?**
Speaker: Maurizio Cecconi, London, United Kingdom

12:20-12:40  **DVT/VTE prophylaxis**
Speaker: Dietmar Fries, Innsbruck, Austria
Scientific Programme

11:30-12:15 Postgraduate Course, Catalonia
CRITICAL CARE NURSING: HOTTDEST TOPICS - UPDATE FOR AN EVIDENCE-BASED PRACTICE
Speaker: José Artur Paiva, Porto, Portugal

11:30-12:15 The Whistle Blower. Early warning scores for sepsis and other critical events - case studies
Speaker: José Artur Paiva, Porto, Portugal

12:00-13:00 Postgraduate Course, Geneva
MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT
Hands-on session 3: Assisted MV modes: PSV, APRV, NAVA, BiPAP-Sigh, PAV and monitoring: p0.1, PMI, Pmusc, Eadi
Speaker: Hernan Marcelo Aguirre-Bermeo, Barcelona, Spain
Speaker: Giuseppe Foti, Lecco, Italy
Speaker: Giorgio Iotti, Pavia, Italy
Speaker: Tommaso Mauri, Monza, Italy
Speaker: Tommaso Mauri, Monza, Italy
Speaker: Onnen Mörer, Göttingen, Germany
Speaker: Lise Piquilloud, Lausanne, Switzerland
Speaker: François Beloncle, Toronto, Canada

12:30-14:10 Postgraduate Course, BM6
MANAGING IMMUNOCOMPROMISED PATIENTS CLINICAL VIGNETTES: WHAT IS YOUR DIAGNOSIS?
Chair: Jean-François Timsit, Paris, France
Chair: Dominique Benoit, Ghent, Belgium

12:30-12:50 Acute respiratory failure
Speaker: Elie Azoulay, Paris, France

12:50-13:10 Acute kidney injury
Speaker: Michael Darmon, Saint-Etienne, France

13:10-13:30 Cytopenia and multiple organ failure
Speaker: Michael Darmon, Saint-Etienne, France

13:30-13:50 Chemotherapy in the ICU: Feasible?
Speaker: Dominique Benoit, Ghent, Belgium

13:50-14:10 Bad lines
Speaker: Jean-François Timsit, Paris, France

12:40-13:10 Postgraduate Course, Oslo
NEXT DAY KEY NOTE LECTURE
Chair: Lara Prisco, Cambridge, United Kingdom

12:40-13:10 ICM training European harmonisation
Speaker: Daniel De Backer, Brussels, Belgium
Speaker: Bernardo Bollen Pinto, London, United Kingdom
Scientific Programme

Postgraduate Course, Stockholm

13:00-16:00  UPDATE ON ADVANCED HAEMODYNAMIC MONITORING: HANDS ON MONITORS: HOW TO DO IT

13:00-13:30  Rotation Sponsors

13:30-14:30  Station 1 - How to monitor fluid responsiveness
Speaker: Xavier Monnet, Kremlin-Bicetre, France
Speaker: Daniel De Backer, Brussels, Belgium

Station 2 - Understanding volumes
Speaker: Jean-Louis Teboul, Kremlin-Bicetre, France
Speaker: Christoph Hofer, Zurich, Switzerland

Station 3 - Optimising the patient with ARDS
Speaker: Ignacio Martin-Loeches, Dublin, Ireland
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: Can Ince, Amsterdam, Netherlands
Speaker: Didier Payen de la Garanderie, Paris, France

Postgraduate Course, Paris

13:00-14:30  CRITICAL CARE REFRESHER COURSE SEPSIS/SEVERE INFECTIONS
Chair: Francesca Rubulotta, London, United Kingdom

13:00-13:30  Medical treatment of severe sepsis and septic shock
Speaker: Ignacio Martin-Loeches, Dublin, Ireland

13:30-14:00  Necrotising fasceitis
Speaker: Philippe Eggimann, Lausanne, Switzerland

14:00-14:30  Acute pancreatitis
Speaker: Marius Terblanche, London, United Kingdom

Postgraduate Course, Brussels

13:00-14:20  ACUTE KIDNEY INJURY: DIAGNOSIS, MANAGEMENT & CONTROVERSIES RRT: ANTICOAGULATION
Chair: Marlies Ostermann, London, United Kingdom

13:00-13:20  Case study: My bleeding patient with AKI
Speaker: Barbara Philips, London, United Kingdom

13:20-13:40  Do I need anticoagulation?
Speaker: Michael Joannidis, Innsbruck, Austria

13:40-14:00  I use conventional anticoagulation
Speaker: Patrick Honoré, Brussels, Belgium

14:00-14:20  I use citrate anticoagulation
Speaker: Heleen Oudemans-van Straaten, Amsterdam, Netherlands
Scientific Programme

Postgraduate Course, Catalonia


13:15-13:55  Case studies ICP (Group A: 1, 2, 3)
Speaker: David Tellez, Barcelona, Spain

13:55-14:35  Case studies IABP (Group B: 2, 3, 1)
Speaker: Diederik van Dijk, Utrecht, Netherlands

14:35-15:15  Case studies EWS and sepsis scores (Group C: 3, 1, 2)
Speaker: José Artur Paiva, Porto, Portugal

Postgraduate Course, M211+M212

13:20-15:00  NEURO-ICU PRIMER: BASICS & PRACTICAL SKILLS FOR THE MANAGEMENT OF BRAIN-INJURED PATIENTS
Chair: Tarek Sharshar, Paris, France
Chair: Raimund Helbok, Innsbruck, Austria

Speaker: Tarek Sharshar, Paris, France

13:40-14:00  Interactive clinical cases: 55-year old, bacterial meningo-encephalitis
Speaker: Tarek Sharshar, Paris, France

14:00-14:20  Interactive clinical cases: 75-year old, status epilepticus following intracerebral hemorrhage
Speaker: Raimund Helbok, Innsbruck, Austria

14:20-14:40  Interactive clinical cases: 25-year old, malignant super-refractory status
Speaker: Raimund Helbok, Innsbruck, Austria

14:40-15:00  Conclusions

Postgraduate Course, Geneva

13:30-16:30  MECHANICAL VENTILATION: FROM BASICS TO ADVANCED TREATMENT

13:30-14:00  Clinical case 3: Assisted MV
Speaker: Tommaso Mauri, Monza, Italy

14:00-14:45  Mechanical ventilation in COPD patients
Speaker: Jordi Mancebo Cortes, Barcelona, Spain

14:45-15:30  Weaning from mechanical ventilation
Speaker: Samir Jaber, Montpellier, France

15:30-16:15  Role of non-invasive ventilation
Speaker: Massimo Antonelli, Rome, Italy

16:15-16:30  Summary and conclusions
Speaker: Antonio Pesenti, Monza, Italy
14:00-15:40 **NEXT DAY CAREER - PROFESSIONAL DEVELOPMENT**
Chair: Jacques Duranteau, Kremlin-Bicetre, France
Chair: Lara Prisco, Cambridge, United Kingdom

14:00-14:20 **“Status: Accepted.” Successful publishing**
Speaker: Elie Azoulay, Paris, France

14:20-14:40 **Healing, research, teaching: The short way from trainee to ICU-leadership**
Speaker: David Menon, Cambridge, United Kingdom

14:40-15:00 **Family and ICU-physician. How to maintain work - life balance**
Speaker: Julia Wendon, London, United Kingdom

15:00-15:20 **Role models, mentors and mentoring**
Speaker: Mette Berger, Lausanne, Switzerland

15:20-15:40 **The ESICM spirit in a member’s career**
Speaker: Geoffrey Bellingan, London, United Kingdom

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14:00-15:35 **HEART AND LUNG ULTRASOUNDS: GROUP A**

14:00-14:20 **Echo signs of pneumothorax**
Speaker: Paul Mayo, New York, United States

14:20-14:40 **Pleural effusion**
Speaker: Paul Mayo, New York, United States

14:40-15:00 **Lung condensation: Pneumonia, atelectasis,?**
Speaker: Daniel Lichtenstein, Paris, France

15:00-15:20 **Respiratory distress: Basic approach using US**
Speaker: Xavier Monnet, Kremlin-Bicetre, France

15:20-15:35 **Diaphragmatic function: How to evaluate?**
Speaker: Paolo Pelosi, Genova, Italy

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14:00-15:35 **HEART AND LUNG ULTRASOUNDS: GROUP B**

14:00-15:30 **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: Michel Slama, Amiens, France
Speaker: Armand Mekontso Dessap, Créteil, France
Speaker: Nick Fletcher, London, United Kingdom
Speaker: Michelle Chew, Malmö, Sweden
Speaker: Fernando Clau-Terré, Barcelona, Spain

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14:00-15:30 **HEART AND LUNG ULTRASOUNDS: GROUP C**

14:00-15:30 **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: Michel Slama, Amiens, France
Speaker: Armand Mekontso Dessap, Créteil, France
Speaker: Nick Fletcher, London, United Kingdom
Speaker: Michelle Chew, Malmö, Sweden
Speaker: Fernando Clau-Terré, Barcelona, Spain
14:00-14:20  Clinical case pneumothorax (pleural sliding present and absent, 2D and M-mode, lung point)
Speaker: Eric Maury, Paris, France
14:20-14:40  Clinical cases of pleural effusion, various importances, discuss indication for chest tube or not with audience
Speaker: Anthony McLean, Sydney, Australia
14:40-15:00  Clinical cases of lung condensation
Speaker: Yanick Beaulieu, Montreal, Canada
15:00-15:20  Practical approach to Respiratory Distress
Speaker: Yanick Beaulieu, Montreal, Canada
15:20-15:35  Examples of diaphragmatic evaluation, pitfalls in measurement
Speaker: Eric Maury, Paris, France

Postgraduate Course, BM6
14:30-16:10  MANAGING IMMUNOCOMPROMISED PATIENTS SPECIFIC INFECTIONS
Chair: Philippe Eggimann, Lausanne, Switzerland
Chair: Dominique Benoit, Ghent, Belgium
14:30-14:50  Invasive fungal infections
Speaker: Philippe Eggimann, Lausanne, Switzerland
14:50-15:10  Infection in patients with malignancies
Speaker: Dominique Benoit, Ghent, Belgium
15:10-15:30  Infection in organ transplant recipients
Speaker: Marc Bonten, Utrecht, Netherlands
15:30-15:50  Can we prevent infections in immunocompromised patients?
Speaker: Jordi Rello, Barcelona, Spain
15:50-16:10  Viral infection
Speaker: Antonio Torres, Barcelona, Spain

Postgraduate Course, Brussels
14:50-16:10  ACUTE KIDNEY INJURY: DIAGNOSIS, MANAGEMENT & CONTROVERSIES SPECIAL PROBLEMS
Chair: Lui Forni, Worthing, United Kingdom
14:50-15:10  Case study: My starving patient is septic
Speaker: John Prowle, London, United Kingdom
15:10-15:30  Drug dosing in RRT
Speaker: Olivier Joannes-Boyau, Pessac, France
15:30-15:50  Nutrition in RRT
Speaker: Ville Pettilä, Helsinki, Finland
15:50-16:10  Electrolyte balance and RRT
Speaker: Marlies Ostermann, London, United Kingdom
Scientific Programme

Postgraduate Course, Paris

15:00-16:30 CRITICAL CARE REFRESHER COURSE TRAUMA
Chair: Francesca Rubulotta, London, United Kingdom

15:00-15:30 Multiple trauma
Speaker: Dermot Phelan, Dublin, Ireland

15:30-16:00 Thoracic trauma
Speaker: Theodoros Kyprianou, Nicosia, Cyprus

16:00-16:30 Burn injury
Speaker: Anne Berit Guttormsen, Bergen, Norway

Postgraduate Course, Catalonia

15:30-16:30 CRITICAL CARE NURSING: HOTTEST TOPICS - UPDATE FOR AN EVIDENCE-BASED PRACTICE

15:30-15:50 Does anyone care about me? Moral and ethical distress in the intensive care
Speaker: Mireia Llaurado, Tarragona, Spain

15:50-16:10 Does anyone care about me? Moral and ethical distress in the intensive care
Speaker: Julie Benbenishty, Jerusalem, Israel

16:10-16:30 Does anyone care about me? Moral and ethical distress in the intensive care
Speaker: Barbara McLean, Atlanta, United States

Thematic Session, Auditorium

17:00-18:45 OPENING SESSION

17:00-17:15 Welcome address
Speaker: Jean-Daniel Chiche, Paris, France

17:15-17:25 Presentation of Honorary Membership recipients to Julie Benbenishty, Veerappan Chithambaram & Arthur Slutsky
Speaker: Geoffrey Bellingan, London, United Kingdom

17:25-17:45 The real challenge of retaining and promoting women? Leadership
Speaker: Avivah Wittenberg-Cox, London, United Kingdom

17:45-17:50 Presentation of ESICM Medal to Jukka Takala
Speaker: Marco Maggiorini, Zurich, Switzerland

17:50-18:05 Going with the blood flow - insights into regional circulation in the critically ill
Speaker: Jukka Takala, Bern, Switzerland

18:05-18:25 Clinical trials in the ICU: The next generation
Speaker: Derek Angus, Pittsburgh, United States

18:25-18:35 27th congress highlights & exhibition opening
Speaker: Jozef Kesecioglu, Utrecht, Netherlands

18:35-18:45 Closing remarks
Speaker: Daniel De Backer, Brussels, Belgium
Monday, 29. September 2014

08:00-08:25 Keynote Lecture, Barcelona
08:00-08:25 BEYOND GAS EXCHANGE: O2 & CO2 AS DRUGS
Chair: Paolo Pelosi, Genova, Italy
08:00-08:25 Presentation
Speaker: Mervyn Singer, London, United Kingdom

08:30-09:30 Thematic Session, Barcelona
08:30-09:30 CLINICAL RELEVANCE OF TRANSPULMONARY PRESSURE
Chair: Jordi Mancebo Cortes, Barcelona, Spain
Chair: Antonio Pesenti, Monza, Italy
08:30-08:45 How to measure it? Temptations and pitfalls
Speaker: Laurent Brochard, Toronto, Canada
08:45-08:50 Discussion
08:50-09:05 Role in PEEP titration and alveolar recruitment
Speaker: Luciano Gattinoni, Milan, Italy
09:05-09:10 Discussion
09:10-09:25 Relation to abdominal pressure
Speaker: Paolo Pelosi, Genova, Italy
09:25-09:30 Discussion

08:30-09:30 Thematic Session, Vienna
08:30-09:30 SEPSIS AND THE SURGICAL PATIENT
Chair: Claude Martin, Marseille, France
Chair: Richard Beale, London, United Kingdom
08:30-08:45 Incidence and outcomes of peri-operative sepsis
Speaker: Mike Grocott, Southampton, United Kingdom
08:45-08:50 Discussion
08:50-09:05 Can we reduce the incidence of post-operative sepsis?
Speaker: Michelle Chew, Malmö, Sweden
09:05-09:10 Discussion
09:10-09:25 Should we adapt surviving sepsis guidelines for the surgical patient?
Speaker: Richard Beale, London, United Kingdom
09:25-09:30 Discussion
Thematic Session, Berlin

08:30-09:30 CARDIAC ARREST: CONTROVERSIES AROUND THERAPEUTIC HYPOTHERMIA
Chair: Claudio Sandroni, Rome, Italy
Chair: Alain Cariou, Paris, France

08:30-08:45 Should we abandon pre-hospital cooling?
Speaker: Jerry Nolan, Bath, United Kingdom

08:45-08:50 Discussion

08:50-09:05 We should aim for controlled normothermia
Speaker: Hans Friberg, Lund, Sweden

09:05-09:10 Discussion

09:10-09:25 We should continue to cool to 32-34°C
Speaker: Kjetil Sunde, Oslo, Norway

09:25-09:30 Discussion

Thematic Session, Athens

08:30-09:30 MULTIDISCIPLINARY APPROACH TO IMPROVE MEDICATION SAFETY
Chair: Robert Shulman, London, United Kingdom
Chair: Anne-Cornélie de Pont, Amsterdam, Netherlands

08:30-08:45 Common drug-related mistakes in the ICU
Speaker: Richard Bourne, Sheffield, United Kingdom

08:45-08:50 Discussion

08:50-09:05 Drug dosing in the critically ill
Speaker: Jeffrey Lipman, Brisbane, Australia

09:05-09:10 Discussion

09:10-09:25 Impact of clinical pharmacists in the ICU
Speaker: Robert Shulman, London, United Kingdom

09:25-09:30 Discussion

Thematic Session, Rome

08:30-09:30 TRUST, EMPATHY AND DIGNITY IN THE ICU
Chair: Rik Gerritsen, Leeuwarden, Netherlands
Chair: Bara Ricou Arita, Geneva, Switzerland

08:30-08:45 Trustful communication among specialties
Speaker: Paulo Maia, Porto, Portugal

08:45-08:50 Discussion

08:50-09:05 Symptom control with empathy
Speaker: Bara Ricou Arita, Geneva, Switzerland

09:05-09:10 Discussion

09:10-09:25 Dignity in dying
Speaker: Christiane Hartog, Jena, Germany
Scientific Programme

09:25-09:30 Discussion

Thematic Session, Stockholm

08:30-09:30 INSULIN & VITAMIN D: GOOD OR BAD
Chair: Juan Carlos Montejo Gonzales, Madrid, Spain
Chair: Michael Hiesmayr, Vienna, Austria

08:30-08:45 Control of glucose levels
Speaker: Jean-Charles Preiser, Brussels, Belgium

08:45-08:50 Discussion

08:50-09:05 Insulin to promote anabolism or hinder autophagia
Speaker: Steffen Weber-Carstens, Berlin, Germany

09:05-09:10 Discussion

09:10-09:25 Vit D: A promising anabolic agent
Speaker: Kenneth Christopher, Boston, United States

09:25-09:30 Discussion

Thematic Session, Geneva

08:30-09:30 INTENSIVE CARE MEDICINE: YEAR IN REVIEW 1
Chair: Elie Azoulay, Paris, France
Chair: Giuseppe Citerio, Monza, Italy

08:30-08:45 Acute respiratory failure
Speaker: Laurent Papazian, Marseille, France

08:45-08:48 Discussion

08:48-09:03 Neuro-intensive care
Speaker: Martin Smith, London, United Kingdom

09:03-09:06 Discussion

09:06-09:21 Acute kidney injury
Speaker: Michael Joannidis, Innsbruck, Austria

09:21-09:24 Discussion

09:24-09:30 ICM: The ESICM journal
Speaker: Jean-Daniel Chiche, Paris, France

Thematic Session, Paris

08:30-09:30 ICU ORGANISATION: DOES FLEXIBILITY INCREASE SAFETY AND EFFICIENCY?
Chair: Bertrand Guidet, Paris, France
Chair: Andreas Valentin, Vienna, Austria

08:30-08:45 Medical emergency team - Is there a proof of concept?
Speaker: Akos Csomos, Budapest, Hungary

08:45-08:50 Discussion
08:50-09:05  Shall we implement intermediate care beds in the ICU?  
Speaker: Bertrand Guidet, Paris, France

09:05-09:10  Discussion

09:10-09:25  Safe ICU discharge - A matter of patient status and infrastructure  
Speaker: Peter van der Voort, Amsterdam, Netherlands

09:25-09:30  Discussion

08:30-09:30  PROGRESS IN INTRAVASCULAR ACCESS  
Chair: Elsa Afonso, London, United Kingdom  
Chair: Jos Latour, Plymouth, United Kingdom

08:30-08:45  Avoidance of line related complications by nurses  
Speaker: Sonia Labeau, Ghent, Belgium

08:45-08:50  Discussion

08:50-09:05  How to implement a quality improvement program to reduce CRBSI  
Speaker: Mireia Llaurado, Tarragona, Spain

09:05-09:10  Discussion

09:10-09:25  Nurse led PICC placement - benefits to ICU patients  
Speaker: Carole Boulanger, Exeter, United Kingdom

09:25-09:30  Discussion

08:30-09:30  ICM EXPERIMENTAL 1 - STEM CELLS: EXPERIMENTAL DATA & CLINICAL TRANSLATION  
Chair: Marco Ranieri, Turin, Italy  
Chair: Stefan Janssens, Leuven, Belgium

08:30-08:45  Traumatic brain injury  
Speaker: Elisa Zanier, Milan, Italy

08:45-08:50  Discussion

08:50-09:05  Myocardial infarction  
Speaker: Stefan Janssens, Leuven, Belgium

09:05-09:10  Discussion

09:10-09:25  Acute lung injury  
Speaker: Claudia dos Santos, Toronto, Canada

09:25-09:30  Discussion

09:40-11:00  ARDS  
Chair: Michael Quintel, Göttingen, Germany  
Chair: Giorgio Iotti, Pavia, Italy
09:40-09:55  CONFRONTATION OF THE BERLIN DEFINITION FOR ARDS WITH THE OPEN LUNG BIOPSY PERFORMED IN THE ICU  
Abstract Presenter: Claude Guérin, Lyon, France

09:55-10:10  ACUTE RESPIRATORY DISTRESS SYNDROME SUB-PHENOTYPES ACCORDING TO HISTOLOGICAL FINDINGS  
Abstract Presenter: José Lorente, Getafe, Spain

10:10-10:25  MECHANICAL VENTILATION MANAGEMENT DURING EXTRACORPOREAL MEMBRANE OXYGENATION FOR ACUTE RESPIRATORY DISTRESS SYNDROME: A RETROSPECTIVE INTERNATIONAL MULTICENTER STUDY  
Abstract Presenter: Matthieu Schmidt, Paris, France

10:25-10:40  DYNAMICS OF END EXPIRATORY LUNG VOLUME AFTER CHANGING PEEP IN ARDS PATIENTS  
Abstract Presenter: Aude Garnero, Melbourne, Australia

10:40-10:55  VENTILATOR-ASSOCIATED PNEUMONIA IN SEVERE ARDS PATIENTS TREATED BY PRONE POSITION. RESULTS FROM A MULTICENTER RANDOMIZED CONTROLLED TRIAL  
Abstract Presenter: Claude Guérin, Lyon, France

Oral Presentations, Vienna

09:40-11:00  OUTCOMES OF ACUTE KIDNEY INJURY  
Chair: Michael Joannidis, Innsbruck, Austria  
Chair: Lui Forni, Worthing, United Kingdom

09:40-09:55  THREE-YEAR RISK OF CARDIOVASCULAR DISEASE AMONG INTENSIVE CARE PATIENTS WITH ACUTE KIDNEY INJURY: A POPULATION-BASED COHORT STUDY  
Abstract Presenter: Henrik Gammelager, Aarhus, Denmark

09:55-10:10  ACUTE KIDNEY INJURY IN CRITICALLY-ILL PATIENTS WITH HEMATOLOGICAL MALIGNANCIES: RESULTS OF A MULTICENTER COHORT STUDY  
Abstract Presenter: Michael Darmon, Saint-Etienne, France

10:10-10:25  A MODEL TO PREDICT RECOVERY FROM ACUTE KIDNEY INJURY IN ICU PATIENTS  
Abstract Presenter: Theis Itenov, Hillerød, Denmark

10:25-10:40  ASSOCIATION BETWEEN EARLY RECOVERY FROM ACUTE KIDNEY INJURY AND MORBIDITY AND MORTALITY AFTER LUNG TRANSPLANTATION: A POPULATION-BASED COHORT STUDY  
Abstract Presenter: Pedro Fidalgo, Edmonton, Canada

10:40-10:55  LONG-TERM OUTCOME AND QUALITY OF LIFE IN ICU PATIENTS WITH ACUTE KIDNEY INJURY TREATED WITH RENAL REPLACEMENT THERAPY: A CASE CONTROL STUDY  
Abstract Presenter: Wouter De Corte, Kortrijk, Belgium

Oral Presentations, Berlin

09:40-11:00  MECHANICAL VENTILATION  
Chair: Laurent Brochard, Toronto, Canada  
Chair: Nicolo Patroniti, Lissone, Italy

09:40-09:55  RESPIRATORY MUSCLE RECRUITMENT DURING MECHANICAL VENTILATION: EFFECTS OF VENTILATOR SETTINGS  
Abstract Presenter: Lisanne Roesthuis, Nijmegen, Netherlands
09:55-10:10 PREVENTING LOWER AIRWAY COLONIZATION USING ENDOTrACHEAL TUBES WITH A POLYURETHANE AND/OR CONICAL CUFF IN MECHANICALLY VENTILATED PATIENTS: THE MULTICENTER RANDOMIZED TOP-CUFF STUDY
Abstract Presenter: Benoit Misset, Paris, France

10:10-10:25 A NEW CLASSIFICATION FOR PATIENTS WEANING FROM MECHANICAL VENTILATION
Abstract Presenter: Gaetan Beduneau, Rouen, France

10:25-10:40 COMPARISON OF FIVE SUPRAGLOTTIC AIRWAY DEVICES FOR SIMULATED EMERGENCY AIRWAY MANAGEMENT IN THE FIELD PERFORMED BY NOVICE OPERATORS
Abstract Presenter: Michal Soták, Prague, Czech Republic

10:40-10:55 PROPHYLACTIC NON-INVASIVE VENTILATION AFTER EXTUBATION IN ICU PATIENTS AT HIGH RISK FOR REINTUBATION: IMPACT ON OUTCOME
Abstract Presenter: Arnaud Thille, Poitiers, France

Oral Presentations, Athens
09:40-11:00 OUTCOME OF CARDIAC ARREST
Chair: Alain Cariou, Paris, France
Chair: Jacques Duranteau, Kremlin-Bicetre, France

09:40-09:55 CARDIAC ARREST IN FINNISH INTENSIVE CARE UNITS: CHANGES IN INCIDENCE AND OUTCOME FROM 2003 TO 2013
Abstract Presenter: Ilmar Efendijev, Helsinki, Finland

09:55-10:10 DIFFUSION TENSOR IMAGING TO PREDICT LONG-TERM NEUROLOGICAL OUTCOME AFTER CARDIAC ARREST. A MULTICENTRIC PROSPECTIVE STUDY
Abstract Presenter: Nicolas Adam, Paris, France

10:10-10:25 IS EARLY PCI ASSOCIATED WITH IMPROVED SHORT AND LONG-TERM OUTCOME AFTER OUT-OF-HOSPITAL CARDIAC ARREST?
Abstract Presenter: Guillaume Geri, Paris, France

10:25-10:40 PREDICTION OF GOOD AND POOR OUTCOME IN COMATOSE PATIENTS AFTER CARDIAC ARREST: THE UTILITY OF EARLY EEG/SEP RECORDINGS DURING THERAPEUTIC HYPOTHERMIA
Abstract Presenter: Riccardo Carrai, Florence, Italy

10:40-10:55 MICROCIRCULATORY PERFUSION AND VASCULAR REACTIVITY ARE ALTERED IN POST CARDIAC ARREST PATIENTS, IRRESPECTIVE OF TARGET TEMPERATURE MANAGEMENT TO 33° VS 36° (SUBSTUDY TTM)
Abstract Presenter: Matty Koopmans, Leeuwarden, Netherlands

Oral Presentations, Rome
09:40-11:00 ICU ADMISSION PATTERNS
Chair: Andrew Rhodes, London, United Kingdom
Chair: Paulo Maia, Porto, Portugal

09:40-09:55 INCIDENCE, DISPOSITION AND OUTCOME OF DETERIORATING WARD PATIENTS REFERRED TO CRITICAL CARE IN 49 UK HOSPITALS - RESULTS FROM (SPOT)LIGHT: A MULTI-SITE, PROSPECTIVE, OBSERVATIONAL COHORT STUDY
Abstract Presenter: Steve Harris, London, United Kingdom

09:55-10:10 EMERGENCY DEPARTMENT LENGTH OF STAY FOR CRITICAL CARE ADMISSIONS: A CANADIAN POPULATION-BASED STUDY
Abstract Presenter: Louise Rose, Toronto, Canada
### Scientific Programme

**10:10-10:25**  
**ASSESSMENT OF THE RISK OF READMISSION TO THE INTENSIVE CARE UNIT USING THE SAFE DISCHARGE FROM ICU (SD-ICU) SCORE**  
Abstract Presenter: Widiani Montenegro, Sao Luis, Brazil

**10:25-10:40**  
**EXPANDING THE SCOPE OF CRITICAL CARE RAPID RESPONSE TEAMS: A FEASIBLE APPROACH TO IDENTIFY PREVENTABLE ADVERSE EVENTS THAT CAUSE HARM**  
Abstract Presenter: Andre Amaral, Toronto, Canada

**10:40-10:55**  
**DEATHS IN THE ICU COMPARED TO HOSPITAL AND POPULATION DEATHS IN A NORWEGIAN HEALTH REGION IN 2011**  
Abstract Presenter: Bjørn Alme, Bergen, Norway

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**Oral Presentations, Stockholm**

**09:40-11:00**  
**MUSCLE AND NEURO: FROM EXPERIMENTAL TO CLINICAL STUDIES IN SEPSIS**  
Chair: Antonio Artigas, Barcelona, Spain  
Chair: Tarek Sharshar, Paris, France

**09:40-09:55**  
**VOLUNTARY ACTIVATION OF THE SYMPATHETIC NERVOUS SYSTEM AND ATTENUATION OF THE INNATE IMMUNE RESPONSE IN HUMANS**  
Abstract Presenter: Matthijs Kox, Nijmegen, Netherlands

**09:55-10:10**  
**KINETIC OF MUSCLE MASS REGULATION DURING EXPERIMENTAL SEPSIS**  
Abstract Presenter: Jean-Charles Palao, Saint-Priest en Jarez, France

**10:10-10:25**  
**A RANDOMIZED CONTROLLED TRIAL COMPARING EARLY JEJUNAL WITH GASTRIC NUTRITION IN CRITICAL ILLNESS**  
Abstract Presenter: Gilberto Friedman, Porto Alegre, Brazil

**10:25-10:40**  
**ANATOMICAL STUDY OF THE DIGESTIVE SYSTEM IN MULTIPLE ORGAN DYSFUNCTION SYNDROME**  
Abstract Presenter: Alvaro Murillo-Martín, Cuenca, Spain

**10:40-10:55**  
**EFFECT OF EXERCISE TRAINING ON MUSCLE FUNCTION IN A RECOVERY MODEL OF CRITICAL ILLNESS**  
Abstract Presenter: Anna Sigurta', London, United Kingdom

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**Oral Presentations, Geneva**

**09:40-11:00**  
**OXYDATIVE STRESS IN SEPSIS: FROM FUNDAMENTALS TO CLINICS**  
Chair: Karim Asehnoune, Nantes, France  
Chair: Jan Bakker, Rotterdam, Netherlands

**09:40-09:55**  
**RESPECTIVE IMPACT OF BODY TEMPERATURE AND HEART RATE KINETICS ON PATIENT’S OUTCOME: POST HOC ANALYSIS OF A RANDOMIZED TRIAL ON FEVER CONTROL IN SEPTIC SHOCK PATIENTS**  
Abstract Presenter: Frédérique Schortgen, Créteil, France

**09:55-10:10**  
**RELATIONSHIP BETWEEN MICROCIRCULATORY ALTERATIONS AND VENOUS-TO-ARTERIAL CARBON DIOXIDE DIFFERENCES IN PATIENTS WITH SEPTIC SHOCK**  
Abstract Presenter: Gustavo Ospina-Tascón, Cali, Colombia

**10:10-10:25**  
**HYPOTHERMIA​ PROTECTS BRAIN MITOCHONDRIAL FUNCTION FROM HYPOXIA IN SEPSIS**  
Abstract Presenter: Kim Chisholm, London, United Kingdom
10:25-10:40  CHANGES OF TLR2, TLR4, MYD88 MRNA EXPRESSIONS ON PERIPHERAL BLOOD MONONUCLEAR CELL IN SEVERE SEPSIS PATIENTS DURING TREATMENT WITH THYMOSIN α1  
Abstract Presenter: Zhaoxia Tang, Guangzhou, China

10:40-10:55  MITOCHONDRIAL UNCOUPLING CONTRIBUTES TO FEVER IN SEPSIS  
Abstract Presenter: Elisabetta Greco, London, United Kingdom

09:40-11:00  NEUROMONITORING  
Chair: Elisa Zanier, Milan, Italy  
Chair: Hans Friberg, Lund, Sweden

09:40-09:55  CONFOCAL IMAGING OF IMPAIRED MITOCHONDRIAL FUNCTION IN THE CEREBRAL CORTEX OF RATS DURING HAEMORRHAGIC SHOCK IN VIVO  
Abstract Presenter: Keila Ida, São Paulo, Brazil

09:55-10:10  VISUALIZING SECONDARY INSULTS OF ELEVATED ICP IN PEDIATRIC TBI  
Abstract Presenter: Fabian Güiza, Leuven, Belgium

10:10-10:25  ACCURACY OF BRAIN MULTIMODAL MONITORING TO DETECT CEREBRAL HYPOPERFUSION AFTER TRAUMATIC BRAIN INJURY  
Abstract Presenter: Pierre Bouzat, Grenoble, France

10:25-10:40  ASSOCIATION BETWEEN OPTIC NERVE SHEATH DIAMETER ON COMPUTED TOMOGRAPHY AND INTRACRANIAL PRESSURE IN PATIENTS WITH SEVERE TRAUMATIC BRAIN INJURY  
Abstract Presenter: Mypinder Sekhon, Vancouver, Canada

09:40-11:00  CARING FOR THE CRITICALLY ILL BURN PATIENT  
Chair: Mette Berger, Lausanne, Switzerland  
Chair: Philipp Metnitz, Vienna, Austria

09:40-09:55  THE EFFECT OF LOW-DOSE HYDROCORTISONE AFTER SEVERE BURN INJURY: A MICROARRAY LONGITUDINAL STUDY  
Abstract Presenter: Julien Textoris, Lyon, France

09:55-10:10  BURN INJURY STABILISES EXTRACELLULAR ATP AND INDUCES MICROVESICLE PRODUCTION IN SKIN  
Abstract Presenter: Umar Katbeh, London, United Kingdom

10:10-10:25  CIRCULATING LEUKOCYTE-DERIVED MICROVESICLES ARE ELEVATED AFTER SEVERE BURN INJURY  
Abstract Presenter: John Porter, London, United Kingdom

10:25-10:40  THE AGE OF TRANSFUSED PACKED RED BLOOD CELLS CORRELATES WITH THE DEGREE OF IMMUNOSUPPRESSION AS ASSESSED BY GENE EXPRESSION PATTERNS IN SEVERELY INJURED TRAUMA PATIENTS  
Abstract Presenter: Mark Vivian, London, United Kingdom
10:40-10:55  EPIDEMIOLOGY OF PATIENTS WITH SUSPECTED INHALATION INJURY ADMITTED TO A BURN INTENSIVE CARE UNIT
Abstract Presenter: Sonia López-Cuenca, Madrid, Spain

09:40-11:00  ETHICAL ISSUES IN INTENSIVE CARE
Chair: Rik Gerritsen, Leeuwarden, Netherlands
Chair: Andrej Michalsen, Tettnang, Germany
09:40-09:55  IS LIVING AT ‘ANY COST’ REALLY WHAT EVERYONE WANTS? - A STRUCTURED CHOICE EXPERIMENT
Abstract Presenter: Charlie Corke, Geelong, Australia
09:55-10:10  PREVENTION OF INTENSIVE CARE UNIT NURSE BULLYING
Abstract Presenter: Freda DeKeyser Ganz, Jerusalem, Israel
10:10-10:25  WORLDWIDE CONSENSUS ON THE PRINCIPLES OF END-OF-LIFE CARE FOR THE CRITICALLY ILL: THE WELPICUS STUDY
Abstract Presenter: Charles Sprung, Jerusalem, Israel
10:25-10:40  FAMILIES’ EXPERIENCES OF QUALITY OF CARE FOR SERIOUSLY ILL AND DYING PATIENTS IN THE ICU. DEVELOPMENT AND VALIDATION OF A EUROPEAN QUESTIONNAIRE
Abstract Presenter: Hanne Jensen, Vejle, Denmark
10:40-10:55  POTENTIALITY OF DONATION AFTER CONTROLED CARDIAC DEATH (CDCD) PROGRAM IN 11 SPANISH HOSPITALS
Abstract Presenter: Alberto Sandiumenge, Tarragona, Spain

10:10-11:10  NEXT - DEBATE
Chair: Katie Lane, London, United Kingdom
10:10-11:10  In-house intensivists: Pro and con
Speaker: Derek Angus, Pittsburgh, United States
Speaker: Geoffrey Bellingan, London, United Kingdom
Speaker: Jukka Takala, Bern, Switzerland

10:10-12:00  RENAL REPLACEMENT THERAPY
Chair: Ville Pettilä, Helsinki, Finland
Chair: Barbara Philips, London, United Kingdom
10:10-10:17  PHARMACOKINETICS OF ANTIBIOTICS DURING CONTINUOUS VENO-VENOUS HEMODIALYSIS WITH REGIONAL CITRATE ANTICOAGULATION IN INTENSIVE CARE UNITS
Abstract Presenter: Christophe Lebard, Paris, France
10:17-10:24  PREVALENCE OF PRELOAD-DEPENDENCE RELATED HYPOTENSION DURING INTERMITTENT HEMODIALYSIS IN ICU
Abstract Presenter: Jean-Christophe Richard, Lyon, France
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<th>Time</th>
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<th>Abstract Presenter</th>
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<tr>
<td>10:24-10:31</td>
<td>FILTER LIFE AND ANTICOAGULATION USE IN A MIXED MEDICAL/SURGICAL/TRAUMA ICU: A BASELINE ASSESSMENT</td>
<td>Kavita Poply, London, United Kingdom</td>
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<td>10:31-10:38</td>
<td>LOWER MORTALITY IN ICU PATIENTS ON CHRONIC DIALYSIS THAN IN THOSE REQUIRING DIALYSIS FOR ACUTE KIDNEY INJURY</td>
<td>Robin Lohse, Copenhagen, Denmark</td>
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<td>10:38-10:45</td>
<td>THE IMPACT OF CONNECTION TO SUSTAINED LOW EFFICIENCY DIALYSIS (SLED) ON TRANSPULMONARY THERMODILUTION (TPTD) AND PULSE CONTOUR ANALYSIS (PC) IN PATIENTS WITH ACUTE KIDNEY INJURY (AKI)</td>
<td>Wolfgang Huber, Munich, Germany</td>
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<td>10:45-10:52</td>
<td>LONG TERM MORTALITY AND RISK OF END-STAGE RENAL DISEASE IN ACUTE RRT PATIENTS COMPARED TO NON-DIALYSIS PATIENTS</td>
<td>Robin Lohse, Copenhagen, Denmark</td>
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<td>10:52-10:59</td>
<td>COMPARISON OF RENAL REPLACEMENT THERAPIES IN AN INTENSIVE CARE UNIT. AN INDIAN PROSPECTIVE OBSERVATIONAL STUDY</td>
<td>Mozammil Shafi, Hyderabad, India</td>
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<td>10:59-11:06</td>
<td>EVALUATING COAGULATION USING ROTATION THROMBOELASTOMETRY (ROTEM) DURING CONTINUOUS RENAL REPLACEMENT THERAPY</td>
<td>Toshihito Tsubo, Hirosaki, Japan</td>
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<td>11:06-11:13</td>
<td>LONG-TERM OUTCOME IN SEPTIC SHOCK RELATED ACUTE KIDNEY INJURY REQUIRING CONTINUOUS RENAL REPLACEMENT THERAPIES (CRRT)</td>
<td>Gabriel Moreno-Gonzalez, Barcelona, Spain</td>
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<td>11:13-11:20</td>
<td>TIMING OF RENAL REPLACEMENT THERAPY IN CRITICALLY ILL PATIENTS WITH ACUTE KIDNEY INJURY</td>
<td>Rafael Avila, Santa Fe, Argentina</td>
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<td>11:20-11:27</td>
<td>TIMING OF CONTINUOUS RENAL REPLACEMENT THERAPIES IN ACUTE KIDNEY INJURY AFTER CARDIAC SURGERY</td>
<td>Clara Hernandez-Caballero, London, United Kingdom</td>
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<td>11:27-11:34</td>
<td>LONGER CIRCUIT LIFESPAN ON PEDIATRIC CONTINUOUS RENAL REPLACEMENT THERAPY IN HIGH RISK BLEEDING PATIENTS, ONLY CITRATE?</td>
<td>Sebastian González, Barcelona, Spain</td>
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<td>11:34-11:41</td>
<td>MYOGLOBYIN REMOVAL RATE OF SUPER HIGH FLUX MEMBRANE (EMIC2) IN PATIENTS IN ICU. A CASE SERIES</td>
<td>Maurizio Migliari, Monza, Italy</td>
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<td>11:41-11:48</td>
<td>EFFECTS OF DIFFERENT DOSES IN CONTINUOUS VENO-VENOUS HEMOFILTRATION ON PLASMA LACTATE IN CRITICALLY ILL PATIENTS</td>
<td>Liu Yong-Jun, Guangzhou, China</td>
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**Poster Corner, Poster Corner**

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<tr>
<td>10:10-12:00</td>
<td>NON INVASIVE VENTILATION</td>
<td>Salvatore Maggiore, Rome, Italy</td>
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<td>Peter Schellongowski, Vienna, Austria</td>
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<td>10:10-10:17</td>
<td>EVALUATION OF HFNC'S WASH OUT EFFECT; A COMPARISON OF OPEN- AND CLOSED-MOUTH MODELS</td>
<td>Naohisa Nakamura, Yamagata, Japan</td>
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<td>10:17-10:24</td>
<td>SEVERE CARDIOGENIC PULMONARY EDEMA TREATED BY NON-INVASIVE VENTILATION: INCIDENCE AND IMPACT OF HYPERCAPNIA ON OUTCOME</td>
<td>Arnaud Thille, Poitiers, France</td>
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<td>10:24-10:31</td>
<td>HIGH TIDAL VOLUME IS ASSOCIATED WITH NIV FAILURE IN ACUTE HYPOXEMIC RESPIRATORY FAILURE</td>
<td>Guillaume Carteaux, Créteil, France</td>
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<tr>
<td>10:31-10:38</td>
<td>PREVALENCE AND FACTORS ASSOCIATED WITH LATE RESPIRATORY FAILURE OF NONINVASIVE VENTILATION IN PATIENTS WITH CHRONIC RESPIRATORY DISEASE</td>
<td>Manuela Fernandez, Murcia, Spain</td>
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<td>10:38-10:45</td>
<td>COMPARISON BETWEEN HIGH-FLOW DEVICES WITH ACTIVE OXYGEN HUMIDIFICATION AND VENTILATION NOT INVASIVE IN HYPOXEMIC RESPIRATORY FAILURE</td>
<td>Jesus Canovas, Murcia, Spain</td>
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<tr>
<td>10:45-10:52</td>
<td>NON INVASIVE VENTILATION AND EARLY EXTUBATION IN CARDIAC SURGICAL PATIENTS OVER 75 YEARS OLD</td>
<td>Fotini Ampatzidou, Thessaloniki, Greece</td>
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<tr>
<td>10:52-10:59</td>
<td>DOES IMMEDIATE INTUBATION OR DELAYED INTUBATION AFTER A NON-INVASIVE VENTILATION TRIAL IS MORE BENEFICIAL IN PATIENTS DURING POSTEXTUBATION RESPIRATORY FAILURE AFTER ABDOMINAL SURGERIES?</td>
<td>Ayse Baysal, Istanbul, Turkey</td>
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<td>10:59-11:06</td>
<td>ACUTE EFFECTS OF CPAP VS BIPAP LOW OR HIGH INTENSITY IN PATIENTS WITH STABLE SEVERE CONGESTIVE HEART FAILURE</td>
<td>Andréa Nogueira, Fortaleza, Brazil</td>
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<td>11:06-11:13</td>
<td>NONINVASIVE VENTILATION INSIDE THE CATH LAB CAN BE AN EFFECTIVE AND SAFE ALTERNATIVE FOR PATIENTS WITH ACUTE RESPIRATORY FAILURE</td>
<td>Pedro Verissimo, São Paulo, Brazil</td>
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<td>11:10-11:17</td>
<td>COMPARISON OF THE ALVEOLAR RECRUITING EFFECT BETWEEN NON-INVASIVE MECHANICAL VENTILATION AND OPTIFLOW®</td>
<td>Guillaume Besch, Besançon, France</td>
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<td>11:13-11:20</td>
<td>EFFECTIVENESS OF NONINVASIVE VENTILATION IN THE PREVENTION OF POST-EXTUBATION RESPIRATORY FAILURE</td>
<td>Jesus Canovas, Murcia, Spain</td>
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<td>11:27-11:34</td>
<td>EXPERIENCE WITH HIGH FLOW NASAL CANNULA IN AN ADULT INTENSIVE CARE UNIT</td>
<td>Nuria Martinez Sanz, Madrid, Spain</td>
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<tr>
<td>11:34-11:41</td>
<td>PRACTICE OF NONINVASIVE MECHANICAL VENTILATION IN A NEW TUNISIAN INTENSIVE CARE UNIT</td>
<td>Hassen Ben Ghezala, Zaghouan, Tunisia</td>
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Poster Corner, Poster Corner

10:10-12:00 HAEMATOLOGICAL MALIGNANCIES & ONCOLOGY IN THE ICU
Chair: Diederik van Dijk, Utrecht, Netherlands
Chair: Dominique Benoit, Ghent, Belgium

10:10-10:17 REDUCED MORTALITY IN PATIENTS WITH HAEMATOLOGICAL MALIGNANCIES RECEIVING INVASIVE VENTILATION ON ICU
Abstract Presenter: Joseph Greenhill, Redhill, United Kingdom
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<th>Abstract Presenter</th>
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<tr>
<td>10:17-10:24</td>
<td>IMPROVED MORTALITY RATES FOR PATIENTS WITH HAEMATOLOGICAL MALIGNANCY ADMITTED TO ICU: A TEN YEAR RETROSPECTIVE REVIEW</td>
<td>Joseph Greenhill, Redhill, United Kingdom</td>
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<td>10:24-10:31</td>
<td>IMPROVED LONG-TERM OUTCOMES OF PATIENTS WITH NON-HAEMATOLOGICAL MALIGNANCY ADMITTED TO ICU</td>
<td>Richard Fisher, London, United Kingdom</td>
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<tr>
<td>10:31-10:38</td>
<td>USEFULNESS OF PRESEPSIN (PSP) FOR ASSESSMENT OF SEPSIS IN LEUKOPENIC PATIENTS (PTS)</td>
<td>Gennady Galstyan, Moscow, Russian Federation</td>
<td></td>
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<td>10:38-10:45</td>
<td>SHORT- AND LONG-TERM OUTCOMES OF CRITICALLY ILL PATIENTS WITH SOLID TUMORS MALIGNANCIES. THE UTILITY OF SEVERITY SCORING SYSTEMS</td>
<td>María Lucía Pérez Pérez, Madrid, Spain</td>
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<tr>
<td>10:45-10:52</td>
<td>OUTCOMES IN PATIENTS (PTS) WITH HEMATOLOGICAL MALIGNANCIES (HM) WHO RECEIVED INTRAVENOUS CHEMOTHERAPY (CHT) IN THE SETTING OF ACUTE RESPIRATORY FAILURE (ARF)</td>
<td>Gennady Galstyan, Moscow, Russian Federation</td>
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<td>10:52-10:59</td>
<td>MORTALITY PREDICTORS IN PATIENTS ADMITTED TO THE INTENSIVE CARE UNIT WITH HEMATOLOGIC MALIGNANCIES</td>
<td>Juan Carlos Lopez-Delgado, L'Hospitalet de Llobregat, Spain</td>
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<tr>
<td>10:59-11:06</td>
<td>HEMATOLOGICAL PATIENTS IN ICU - RETROSPECTIVE ANALYSIS OF A CANCER SPECIALIZED CENTER</td>
<td>Cláudia Moreira, Porto, Portugal</td>
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<tr>
<td>11:06-11:13</td>
<td>SERUM IMMUNOGLOBULIN LEVELS, PLASMA VITAMIN D AND MANNOSE-BINDING LECTIN DIFFERENCES IN IMMUNODEPRESSED VS NON IMMUNODEPRESSED PATIENTS WITH INVASIVE PNEUMOCOCCAL INFECTION</td>
<td>Ramon Boixeda, Mataro, Spain</td>
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<td>11:13-11:20</td>
<td>OUTCOME AND PROGNOSTIC FACTORS CRITICALLY ILL CANCER PATIENTS</td>
<td>Oktay Demirkiran, Istanbul, Turkey</td>
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<td>11:20-11:27</td>
<td>PSEUDOHYPOXAEMIA AND SPURIOUS HYPOKALEMIA IN HAEMATOLOGICAL MALIGNANCY</td>
<td>Gokulnath Rajendran, Ipswich, United Kingdom</td>
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<td>11:27-11:34</td>
<td>THE IMPACT OF MULTIRESISTANT PATHOGENS IN CLINICAL OUTCOMES OF CANCER PATIENTS WITH SEVERE PNEUMONIA</td>
<td>Jorge Salluh, Rio de Janeiro, Brazil</td>
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<td>11:34-11:41</td>
<td>DIC SCORE PREDICTS MORTALITY IN CRITICALLY ILL PATIENTS WITH LIVER CIRRHOSIS</td>
<td>Andreas Drolz, Hamburg, Germany</td>
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<td>11:41-11:48</td>
<td>DOES THE CHILD-PUGH SCORE PREDICT ICU SURVIVAL IN THE CRITICALLY ILL PATIENT WITH CHRONIC LIVER FAILURE?</td>
<td>Daniel Wise, Chester, United Kingdom</td>
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Poster Corner, Poster Corner

**10:10-12:00** CARDIOVASCULAR MONITORING

Chair: Bernard Cholley, Paris, France
Chair: Katia Donadello, Brussels, Belgium
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<tr>
<td>10:10</td>
<td>EVALUATION OF THE INCIDENCE OF CENTRAL VENOUS THROMBOSIS FOLLOWING CANNULATION OF THE RIGHT INTERNAL JUGULAR VEIN IN PATIENTS AFTER CARDIAC SURGERY</td>
<td>Kathryn Tizard, Liverpool, United Kingdom</td>
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<tr>
<td>10:17</td>
<td>THE ARTERIAL PRESSURE FLOW LOOP AS CONTINUOUS DEVICE TO ASSESS VENTRICULAR-ARTERIAL COUPLING IN HIGH RISK PATIENTS</td>
<td>Arthur Le Gall, Paris, France</td>
</tr>
<tr>
<td>10:24</td>
<td>RADIAL ARTERY APPLANATION TONOMETRY FOR NONINVASIVE CARDIAC OUTPUT MEASUREMENT: A COMPARISON WITH INTERMITTENT PULMONARY ARTERY THERMODILUTION IN PATIENTS AFTER CARDIOTHORACIC SURGERY</td>
<td>Julia Wagner, Hamburg, Germany</td>
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<tr>
<td>10:38</td>
<td>A COMPARISON OF A STANDARD VS. MINIATURIZED ECHOCARDIOGRAPHIC SYSTEM IN THE DIAGNOSIS OF HAEMODYNAMIC SHOCK</td>
<td>Rajiv Rooplalsingh, Dublin, Ireland</td>
</tr>
<tr>
<td>10:45</td>
<td>ESTIMATION OF THE MEAN SYSTEMIC PRESSURE CORRECTED BY THE PULMONARY PRESSURE TRANSMISSION INDEX</td>
<td>Vibol Chhor, Paris, France</td>
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<tr>
<td>10:52</td>
<td>TISSUE DOPPLER IMAGING MYOCARDIAL PERFORMANCE INDEX AS A METHOD TO EVALUATE LEFT VENTRICULAR DIASTOLIC AND SYSTOLIC FUNCTION IN ICU PATIENTS</td>
<td>Luis Zapata, Barcelona, Spain</td>
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<tr>
<td>10:59</td>
<td>SKIN BLOOD FLOW ASSESSED BY LASER DOPPLER IN PATIENTS WITH SHOCK</td>
<td>Gianni Stringari, Bruxelles, Belgium</td>
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<tr>
<td>11:06</td>
<td>CLINICAL EVALUATION OF A DECISION SUPPORT SYSTEM FOR HEMODYNAMIC MANAGEMENT - A PROSPECTIVE, OBSERVATIONAL STUDY</td>
<td>Dirk Schädler, Kiel, Germany</td>
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<tr>
<td>11:13</td>
<td>ICED OR ROOM TEMPERATURE SALINE FOR TRANSPULMONARY THERMODILUTION MEASUREMENTS?</td>
<td>Steffen Grimmer, Berlin, Germany</td>
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<tr>
<td>11:20</td>
<td>INFLUENCE OF CENTRAL VENOUS CATHETER SITE ON TRANSPULMONARY THERMODILUTION PARAMETERS</td>
<td>Sabri Soussi, Paris, France</td>
</tr>
<tr>
<td>11:27</td>
<td>EXTRAVASCULAR LUNG WATER AND PULMONARY VASCULAR PERMEABILITY AS EARLY WARNING SIGNS OF POOR PROGNOSIS IN SEVERE BURN INJURY</td>
<td>Ren Yanhong, Beijing, China</td>
</tr>
<tr>
<td>11:34</td>
<td>EVALUATION OF INDEXES RELATED TO ISOVOLUMIC RELAXATION TIME IN INTENSIVE CARE VENTILATED PATIENTS FOR ASSESSING LEFT VENTRICULAR END-DIASTOLIC PRESSURE (EVA-PRESS): A PROSPECTIVE OBSERVATIONAL TRIAL</td>
<td>Tristan Morichau-Beauchant, Paris, France</td>
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<tr>
<td>11:41</td>
<td>IMPLEMENTATION OF A BEDSIDE ECHOCARDIOGRAPHY PROGRAM IN A NON CARDIAC SECOND LEVEL ICU</td>
<td>Diego Atzeni, Cagliari, Italy</td>
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10:10-12:00  FROM RAPID RESPONSE TEAMS TO ICU TRIAGE
Chair: Dermot Phelan, Dublin, Ireland
Chair: Samuel Ajizian, Winston Salem, United States

10:10-10:17  THE FEATURES OF RAPID RESPONSE SYSTEM IN UNIVERSITY HOSPITALS AND MUNICIPAL HOSPITALS
Abstract Presenter: Jumpei Tsukuda, Urayasu-city, Japan

10:17-10:24  CLINICAL DIFFERENCES OF THE RAPID RESPONSE SYSTEM BETWEEN PATIENTS ADMITTED TO THE SURGICAL AND MEDICAL SERVICES
Abstract Presenter: Hyun Ju Min, Seongnam, Korea, Republic of

10:24-10:31  EMERGENCY SURGICAL ADMISSIONS ADMITTED TO CRITICAL CARE: ARE WE ADHERING TO GUIDELINES?
Abstract Presenter: Katie Cooke, Birmingham, United Kingdom

10:31-10:38  WHAT IS THE BENEFIT OF THE EARLY WARNING SYSTEM?
Abstract Presenter: Shrijit Nair, Dublin, Ireland

10:38-10:45  COMPARISON OF THE NATIONAL EARLY WARNING SCORE SYSTEM AGAINST A SINGLE PARAMETER WARNING SYSTEM FOR IDENTIFICATION OF THE DETERIORATING PATIENT
Abstract Presenter: Thomas Atkinson, Southend-on-Sea, United Kingdom

10:45-10:52  UNSCHEDULED ADMISSIONS TO THE INTENSIVE CARE UNIT - IDENTIFYING INADEQUACIES THROUGHOUT THE PATIENT JOURNEY
Abstract Presenter: Prashant Parulekar, Brighton, United Kingdom

10:52-10:59  AN EVALUATION OF THE TIME DELAY FROM THE CLINICIANS DECISION TO ADMIT TO CRITICAL CARE TO THE ACTUAL CRITICAL CARE ADMISSION TIME IN THE UK
Abstract Presenter: Alexander Parker, Manchester, United Kingdom

10:59-11:06  EARLY PREDICTIVE FACTORS OF SEVERITY FOR MULTIPLE TRAUMA PATIENTS
Abstract Presenter: Chloé Allary, Paris, France

11:06-11:13  DO PANDEMIC INFLUENZA SPECIFIC TRIAGING TOOLS PERFORM BETTER THAN CONVENTIONAL SEVERITY SCORES? A RETROSPECTIVE COHORT STUDY
Abstract Presenter: Ben Morton, Liverpool, United Kingdom

11:13-11:20  AUDIT OF CRITICAL CARE REFERRALS IN ONE DISTRICT GENERAL HOSPITAL (DGH)
Abstract Presenter: Alice Myers, London, United Kingdom

11:20-11:27  EVALUATION OF SEVERITY IN ELDERLY CRITICALLY ILL PATIENTS (ECIPS)
Abstract Presenter: Alexander Ruiz Moreno, Barcelona, Spain

11:27-11:34  OUTCOME OF ELDERLY PEOPLE RECEIVING MECHANICAL VENTILATION IN ICU
Abstract Presenter: Alejandro Ortín, Cartagena, Spain

11:34-11:41  CHARACTERISTICS AND OUTCOMES OF ELDERLY PATIENTS ADMITTED TO A MULTIDISCIPLINARY INTENSIVE CARE UNIT
Abstract Presenter: Hernan Marcelo Aguirre-Bermeo, Barcelona, Spain

11:41-11:48  ADOLESCENTS IN A PICU: CURRENT TRENDS AND PERSPECTIVES ON RESOURCE UTILIZATION
Abstract Presenter: Elisavet Geromarkaki, Heraklion, Greece
**Poster Corner, Poster Corner**

**10:10-12:00 SEPSIS FUNDAMENTALS**

**Chair:** Konrad Reinhart, Jena, Germany  
**Chair:** Bruno Levy, Vandoeuvre les Nancy, France

10:10-10:17 **ISCHEMIC PRE/POST-CONDITIONING PROTECTS THE MICROCIRCULATION IN EXPERIMENTAL SEPSIS**

Abstract Presenter: Diego Orbegozo Cortes, Brussels, Belgium

10:17-10:24 **MITOCHONDRIAL FUNCTION OF IMMUNE CELLS IN SEVERE SEPSIS AND SEPTIC SHOCK - A PROSPECTIVE OBSERVATIONAL COHORT STUDY**

Abstract Presenter: Tobias Merz, Bern, Switzerland

10:24-10:31 **MONOCYTE TACE ACTIVITY PROFILE DURING SEPSIS AND SYSTEMIC INFLAMMATORY RESPONSE SYNDROME**

Abstract Presenter: Kieron O’Dea, London, United Kingdom

10:31-10:38 **TRANSVENOUS VAGUS NERVE STIMULATION DOES NOT MODULATE THE INNER IMMUNE RESPONSE IN HUMANS IN VIVO DURING EXPERIMENTAL ENDOTOXEMIA**

Abstract Presenter: Matthijs Kox, Nijmegen, Netherlands

10:38-10:45 **EVALUATION BY VIDEOMICROSCOPY (SDF) OF THE RENAL CORTEX MICROCIRCULATION AND CONVOLUTED TUBULES IN ACUTE RENAL FAILURE DURING SEVERE SEPSIS. EXPERIMENTAL STUDY**

Abstract Presenter: Ana Liberatore, Sao Paulo, Brazil

10:45-10:52 **MYELOID-DERIVED SUPPRESSOR CELLS ATTENUATE INFLAMMATION AND IMPROVE THE SURVIVAL OF MICROBIAL SEPSIS**

Abstract Presenter: Guang Hu, Guangzhou, China

10:52-10:59 **CD69 EXPRESSION IS DYSREGULATED IN GRANULOCYTES AND Monocytes FROM SEPSIS PATIENTS**

Abstract Presenter: Shigehiro Shibata, Morioka, Japan

10:59-11:06 **NITRITE REDUCTASE ACTIVITY DURING SEPSIS**

Abstract Presenter: Verena Simon, London, United Kingdom

11:06-11:13 **APELIN IS CARDIOPROTECTIVE AND LIFE-SAVING OVER DOBUTAMINE IN A MURINE MODEL OF ENDOTOXIN-INDUCED MYOCARDIAL DYSFUNCTION**

Abstract Presenter: Olivier Lesur, Sherbrooke, Canada

11:13-11:20 **EARLY AND SEVERE IMPAIRMENT OF LACTATE CLEARANCE IN ENDOTOXIC SHOCK IS NOT RELATED TO LIVER HYPOPERFUSION: PRELIMINARY REPORT**

Abstract Presenter: Glenn Hernandez, Santiago, Chile

11:20-11:27 **EX VIVO EFFECTS OF HYPERGLYCEMIA ON PHENOTYPE AND PRODUCTION OF REACTIVE OXYGEN SPECIES BY THE NADPH OXIDASE OF HUMAN IMMUNE CELLS IN ACUTE INFLAMMATORY RESPONSE**

Abstract Presenter: Benjamin Soyer, Paris, France

11:27-11:34 **IS CD 64 A VALUABLE TOOL IN EARLY DETECTION OF VENTILATOR ASSOCIATED PNEUMONIA (VAP) COMPARED TO C-REACTIVE PROTEIN AND PROCALCITONIN?**

Abstract Presenter: Hossam Mohammed, Cairo, Egypt

11:34-11:41 **MODULATORY EFFECTS OF HEAT SHOCK WITH OR WITHOUT GLUTAMINE COMPARED TO LPS ON PERIPHERAL BLOOD MONONUCLEAR CELLS HEAT-SHOCK-PROTEIN 90α EXPRESSION IN SEVERE SEPSIS AND TRAUMA**

Abstract Presenter: Efrossini Briassouli, Athens, Greece

11:41-11:48 **SPECIFIC COMPONENTS OF THE INFLAMMATORY REFLEX: HEART RATE VARIABILITY (HRV) AND IL-6 PREDICT SEPTIC SHOCK IN CRITICAL ILL PATIENTS**

Abstract Presenter: María Fernández-Sánchez, Bogotá, Colombia
Scientific Programme

10:10-10:17 ESTABLISHING A DETAILED SHORT-TERM RAT MODEL OF PARTIAL ISCHAEMIA/REPERFUSION INJURY
   Abstract Presenter: Giovanni Sabbatini, London, United Kingdom

10:17-10:24 ACUTE DECOMPENSATION OF CHRONIC LIVER DISEASE AND OUTCOMES IN CRITICAL ILLNESS
   Abstract Presenter: Kenneth Christopher, Boston, United States

10:24-10:31 EARLY PLASMAEXCHANGE ALLEVIATES PRO-INFLAMMATORY CYTOKINE SECRETION OF PERIPHERAL MONOCYTES IN PATIENTS WITH ACUTE LIVER FAILURE
   Abstract Presenter: Julia Wendon, London, United Kingdom

10:31-10:38 A PROSPECTIVE OBSERVATIONAL PILOT STUDY ASSESSING THE DIAGNOSTIC ACCURACY OF INTESTINAL FATTY ACID BINDING PROTEIN IN CRITICALLY ILL PATIENTS WITH SUSPECTED INTESTINAL ISCHAEMIA
   Abstract Presenter: Barry Kelly, Dublin, Ireland

10:38-10:45 EARLY CIRCULATING LIPID AND CYTOKINE PROFILES PROGNOSTICATE IN A RAT MODEL OF FAECAL PERITONITIS
   Abstract Presenter: Waqas Khaliq, London, United Kingdom

10:45-10:52 HEPATOPROTECTIVE EFFECTS OF HYDROGEN SULPHIDE AGAINST ACUTE LIVER FAILURE
   Abstract Presenter: Kentaro Tokuda, Fukuoka, Japan

10:52-10:59 DECOMPENSATED ALCOHOLIC LIVER DISEASE INTENSIVE CARE PROGNOSIS: A DISTRICT GENERAL HOSPITAL PERSPECTIVE
   Abstract Presenter: James McFarlane, London, United Kingdom

10:59-11:06 ALBUMIN DYALISIS (MARS) IMPROVES SURVIVAL IN ACUTE LIVER FAILURE WITH CONTRAINDICATIONS TO EMERGENCY TRANSPLANTATION
   Abstract Presenter: Angels Escorsell, Barcelona, Spain

11:06-11:13 RESULTS OF A SECOND PROSPECTIVE STUDY: LIVER-CELLS BASED BIOSENSOR IN PATIENTS WITH SEPTIC SHOCK
   Abstract Presenter: Martin Sauer, Rostock, Germany

11:13-11:20 USE OF STRESS ULCER PROPHYLAXIS IN THE INTENSIVE CARE UNIT. A EUROPEAN UNIT EVALUATION IN 70 ICUS
   Abstract Presenter: Mette Krag, Copenhagen, Denmark

11:20-11:27 HYPOGLYCEMIA IS ASSOCIATED WITH INCREASED MORTALITY IN PATIENTS WITH ACUTE DECOMPENSATED LIVER CIRRHOSIS
   Abstract Presenter: Carmen Pfortmueller, Vienna, Austria

11:27-11:34 THE LIFE (LIVER INJURY FAILURE EVALUATION) SCORE AND OUTCOME PREDICTION IN CRITICALLY ILL CIRRHOTIC PATIENTS
   Abstract Presenter: Kenneth Christopher, Boston, United States

11:34-11:41 ICG-PDR PREDICTS OUTCOME IN PATIENTS WITH HYPOXIC HEPATITIS
   Abstract Presenter: Thomas Horvatits, Hamburg, Germany

11:41-11:48 DECOMPRESSION LAPAROTOMY FOR ACS: EFFECT ON ORGAN FUNCTION AND MORTALITY (WSACS CTWG STUDY 007)
   Abstract Presenter: Jan De Waele, Ghent, Belgium
**Poster Corner, Poster Corner**

10:10-12:00  **ADVANCES IN ICU NURSING & MULTIDISCIPLINARY CARE**
Chair: Stijn Blot, Ghent, Belgium
Chair: Elsa Afonso, London, United Kingdom

10:10-10:17  **IS EARLY MOBILITY BEING DONE IN THE CLINICAL PRACTICE?**
Abstract Presenter: Karina Timenetsky, Sao Paulo, Brazil

10:17-10:24  **A SURVEY OF INTERNATIONAL PRACTICES AND INFRASTRUCTURE TO SUPPORT EARLY MOBILIZATION**
Abstract Presenter: William Schweickert, Philadelphia, United States

10:24-10:31  **INTERMITTENT POSITIVE PRESSURE AND VOLUME RESPIRATORY INCENTIVATOR IMPROVES LUNG FUNCTION IN ABDOMINAL SURGICAL PATIENTS**
Abstract Presenter: Karina Timenetsky, Sao Paulo, Brazil

10:31-10:38  **CLINICAL PREDICTORS OF NEONATAL HEALTHCARE-ASSOCIATED BLOODSTREAM INFECTIONS: A SYSTEMATIC REVIEW AND META-ANALYSIS**
Abstract Presenter: Evelien Verstraete, Ghent, Belgium

10:38-10:45  **IMPACT OF NEONATAL HEALTHCARE-ASSOCIATED BLOODSTREAM INFECTIONS ON MORTALITY IN A NEONATAL INTENSIVE CARE UNIT**
Abstract Presenter: Evelien Verstraete, Ghent, Belgium

10:45-10:52  **ORAL CARE IN VENTILATED PATIENTS - CAN WE IMPROVE IT?**
Abstract Presenter: Alexandra Pivkina, Moscow, Russian Federation

10:52-10:59  **SUPERVISED MACHINE LEARNING CAN Classify ARTIFACT IN MULTI-SIGNAL VITAL SIGN MONITORING DATA FROM STEP-DOWN UNIT (SDU) PATIENTS**
Abstract Presenter: Marilyn Hravnak, Pittsburgh, United States

10:59-11:06  **USE OF HELIUM-OXYGEN IN PATIENTS WITH RESPIRATORY DISTRESS**
Abstract Presenter: Beatriz Murata Murakami, São Paulo, Brazil

11:06-11:13  **WHO ARE WE SITTING, STANDING AND WALKING IN THE ICU?**
Abstract Presenter: Karina Timenetsky, Sao Paulo, Brazil

11:13-11:20  **IS THE MANCHESTER MOBILITY SCORE ON DISCHARGE FROM INTENSIVE CARE AN INDICATION OF POST INTENSIVE CARE LENGTH OF STAY AND HOSPITAL DISCHARGE DESTINATION?**
Abstract Presenter: Jonathan Grant, Oxford, United Kingdom

11:20-11:27  **VALIDITY, RELIABILITY AND APPLICABILITY OF GREEK VERSIONS OF SEDATION-AGITATION SCALES AMONG CRITICALLY ILL PATIENTS**
Abstract Presenter: Anastasios Tzenalis, Thessaloniki, Greece

11:27-11:34  **IMPACT OF A SPECIFIC INSPIRATORY MUSCLE TRAINING IN EXERCISE CAPACITY AND INSPIRATORY MUSCLE FORCE IN HOSPITALIZED ACUTE HEART FAILURE PATIENTS: PILOT STUDY**
Abstract Presenter: Pedro Verissimo, São Paulo, Brazil

11:34-11:41  **RAPID NURSE LED ASSESSMENT OF CRITICALLY ILL PATIENTS BY SONOGRAPHY: A SYSTEMATIC REVIEW & MULTIDISCIPLINARY TEAM SURVEY**
Abstract Presenter: Naomi Hare, London, United Kingdom

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**Poster Corner, Poster Corner**

10:10-12:00  **PERI-OPERATIVE HAEMODYNAMICS**
Chair: Marius Terblanche, London, United Kingdom
Chair: Heleen Oudemans-van Straaten, Amsterdam, Netherlands
10:10-10:17 POSITIVE EFFECT OF DEXMEDETOMIDINE ON HEMODYNAMICS DURING MAJOR BURN SURGERY UNDER GENERAL ANESTHESIA
Abstract Presenter: Taewan Lim, Hwaseong-si, Korea, Republic of

10:17-10:24 COMPARISON THE HAEMODYNAMICS EFFECTS OF DEXMEDETOMIDINE AND PROPOFOL IN PATIENTS AFTER MAJOR ABDOMINAL SURGERY
Abstract Presenter: Zongqin Lin, Guangzhou, China

10:24-10:31 THE USEFULNESS OF THE LIMON METHOD OF INDOCYANINE GREEN ELIMINATION MEASUREMENT DURING PERIOPERATIVE PERIOD FOR PREDICTION AND EARLY DETECTION OF LIVER FAILURE
Abstract Presenter: Víctor Baladrón, Puertollano, Spain

10:31-10:38 CENTRAL VENOUS OXYGEN SATURATION IN PATIENTS UNDERGOING MAJOR SURGERY WITH TOTAL INTRAVENOUS ANESTHESIA
Abstract Presenter: Murillo Assunção, São Paulo, Brazil

10:38-10:45 INTRAOPERATIVE FLUID OPTIMIZATION USING STROKE VOLUME VARIATION IN GERIATRIC PATIENTS UNDERGOING MAJOR ABDOMINAL SURGERY
Abstract Presenter: Jae Hee Woo, Seoul, Korea, Republic of

10:45-10:52 IMPROVING NEUROLOGIC OUTCOME IN CARDIAC SURGERY PATIENTS WITH A GOAL-ORIENTED THERAPY PROTOCOL BASED ON CEREBRAL REGIONAL OXYGEN SATURATION
Abstract Presenter: Federico Franchi, Siena, Italy

10:52-10:59 THE CUMULATIVE FLUID BALANCE DOES NOT REFLECT THE FLUID STATUS OF INTENSIVE CARE PATIENTS - A SINGLE CENTER PROSPECTIVE ONE-YEAR STUDY
Abstract Presenter: Michael Köster, Langen, Germany

10:59-11:06 PERIOPERATIVE HAEMODYNAMIC OPTIMIZATION BY OESOPHAGEAL DOPPLER MONITORING IN ABDOMINAL EMERGENCIES - PRELIMINARY RESULTS
Abstract Presenter: Mariem Ben Romdhane, Sidi Daoued, Tunisia

11:06-11:13 IS THERE A NEED FOR PROLONGED ADMITTANCE TO A HIGH DEPENDENCY UNIT AFTER SURGERY FOR RECTAL CANCER?
Abstract Presenter: Jan Betten, Trondheim, Norway

11:13-11:20 IMPLICATION OF PREOPERATIVE HYPOALBUMINEMIA AND ANEMIA: PREDICTORS OF TRANSFUSION IN RADICAL NEPHRECTOMY FOR RENAL CELL CARCINOMA
Abstract Presenter: Ji Yoon Kim, Seoul, Korea, Republic of

11:20-11:27 ON-VS OFF-PUMP CABG: EFFECTS ON POSTOPERATIVE LACTATE, BASE EXCESS AND PH OVER THE FIRST 24 HOURS IN INTENSIVE CARE
Abstract Presenter: Federica Chiarenza, Catania, Italy

Abstract Presenter: Toru Imabayashi, Kagoshima, Japan

11:34-11:41 PROGNOSTIC VALUE OF PREOPERATIVE BIOELECTRICAL IMPEDANCE PHASE ANGLE ON HEMOTRANSFUSION AFTER CARDIAC SURGERY
Abstract Presenter: Donata Ringaitiene, Vilnius, Lithuania

11:41-11:48 DISTRIBUTION OF INTRAVENOUS FLUIDS OVER THE EXTRACELLULAR AND INTRACELLULAR COMPARTMENTS IN POSTOPERATIVE CARDIOTHORACIC PATIENTS TREATED AT THE ICU. TESTING THE STANDARD MODEL ON WATER AND ELECTROLYTE DISTRIBUTION WITH POTASSIUM BALANCE ANALYSIS
Abstract Presenter: Lara Hessels, Groningen, Netherlands
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<td>10:10</td>
<td>IMPROVING ICU SAFETY</td>
<td>Chair: Stephen J. Brett, London, United Kingdom</td>
<td>Chair: Marcus Schultz, Amsterdam, Netherlands</td>
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<td>10:10</td>
<td>ANALYSIS OF CONTRIBUTING FACTORS ASSOCIATED TO RELATED PATIENTS SAFETY INCIDENTS IN INTENSIVE CARE MEDICINE</td>
<td>Abstract Presenter: Maria Cruz Martin, Madrid, Spain</td>
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<tr>
<td>10:17</td>
<td>PROCEDURAL AND EDUCATIONAL INTERVENTIONS TO REDUCE VENTILATOR-ASSOCIATED PNEUMONIA RATE: PRELIMINARY RESULTS OF A NATIONAL REGISTRATION PROGRAM</td>
<td>Abstract Presenter: P. Reper, Brussels, Belgium</td>
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<td>10:24</td>
<td>RISKS ASSOCIATED WITH PERIPHERALLY INSERTED CENTRAL CATHETERS (PICC) IN ADULT PATIENTS</td>
<td>Abstract Presenter: Kalpana Krishnareddy, Abu Dhabi, United Arab Emirates</td>
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<tr>
<td>10:31</td>
<td>AN EFFICIENT SURVEILLANCE SYSTEM USING THE NEW CDC’S DEFINITIONS FOR COMPLICATIONS OF MECHANICAL VENTILATION IN A PEDIATRIC INTENSIVE CARE UNIT</td>
<td>Abstract Presenter: Satid Thammasitboon, Houston, United States</td>
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<tr>
<td>10:38</td>
<td>THE IMPACT OF ENVIRONMENTAL NOISE IN AN INTENSIVE CARE UNIT. IT IS POSSIBLE A CHANGE?</td>
<td>Abstract Presenter: Maria-Victoria de la Torre-Prados, Málaga, Spain</td>
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<tr>
<td>10:45</td>
<td>USE OF A SEVEN QUESTION CHECKLIST TO IMPROVE ICU WARD ROUND RELIABILITY AND PATIENT SAFETY</td>
<td>Abstract Presenter: Fiona Mcilveney, Stirling, United Kingdom</td>
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<tr>
<td>10:52</td>
<td>INVESTIGATION INTO STANDARDS OF DISCHARGE SUMMARY COMPLETENESS ON PATIENT TRANSFER FROM THE INTENSIVE CARE UNIT (ICU) TO THE GENERAL WARD</td>
<td>Abstract Presenter: Agnieszka Skorko, London, United Kingdom</td>
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<tr>
<td>10:59</td>
<td>DRUG-RELATED CRITICAL INCIDENTS IN A MULTIDISCIPLINARY INTENSIVE CARE UNIT</td>
<td>Abstract Presenter: Ingeborg Welters, Liverpool, United Kingdom</td>
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<tr>
<td>11:06</td>
<td>DRUG ADVERSE REACTIONS PROFILE IN ADULT ICU UNIT</td>
<td>Abstract Presenter: Lívia Maria Barbosa, São Paulo, Brazil</td>
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<tr>
<td>11:13</td>
<td>HOSPITAL BED-DAY CONSUMPTION DUE TO COMMUNITY-ACQUIRED SEVERE SEPSIS OR SEPTIC SHOCK IN ADULTS. AN EPIDEMIOLOGICAL POPULATION - BASED STUDY</td>
<td>Abstract Presenter: Luis Campins Bernadás, Mataró, Spain</td>
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<tr>
<td>11:20</td>
<td>RETROSPECTIVE STUDY OF INFERIOR VENA CAVA FILTER INSERTION AND CLINICAL GOVERNANCE IN CRITICALLY ILL PATIENTS ADMITTED TO THE INTENSIVE CARE UNIT</td>
<td>Abstract Presenter: Krishnaswamy Sundararajan, Adelaide, Australia</td>
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<td>11:27</td>
<td>ACCOMPLISHMENT OF THE MOST RELEVANT QUALITY INDICATORS IN THE IMPLEMENTATION OF A QUALITY SYSTEM IN CRITICALLY ILL PATIENTS</td>
<td>Abstract Presenter: Marta García, Valladolid, Spain</td>
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<td>11:34</td>
<td>EFFECTIVENESS OF A RAPID RESPONSE SYSTEM FOLLOWING THE INTRODUCTION OF AN OBSERVATION CHART</td>
<td>Abstract Presenter: Francesca Rubulotta, London, United Kingdom</td>
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<tr>
<td>11:41</td>
<td>CONSUMPTION OF RESOURCES IN SEPTIC CRITICALLY ILL PATIENTS</td>
<td>Abstract Presenter: Javier Ruiz Moreno, Barcelona, Spain</td>
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</tbody>
</table>
**Scientific Programme**

**Poster Corner, Poster Corner**

**10:10-12:00**  
PNEUMONIA

Chair: Laurent Papazian, Marseille, France  
Chair: José Artur Paiva, Porto, Portugal

**10:10-10:17**  
SELECTIVE OROPHARYNGEAL DECONTAMINATION (SOD) IN INTENSIVE CARE UNIT (ICU) PATIENTS IN A SETTING OF MULTIRESISTENT PSEUDOMONAS AERUGINOSA  
Abstract Presenter: Carla Bastida, Barcelona, Spain

**10:17-10:24**  
CLINICAL AND ECONOMIC IMPACT OF THE IMPLEMENTATION OF THE “PNEUMONIA ZERO” PROJECT  
Abstract Presenter: Francisco Alvarez-Lerma, Barcelona, Spain

**10:24-10:31**  
EFFECTIVENESS OF GRAM-STAINED SPUTUM SAMPLES OBTAINED IMMEDIATELY AFTER INTUBATION TO GUIDE SELECTION OF ANTIMICROBIALS  
Abstract Presenter: Nao Okuda, Tokushima, Japan

**10:31-10:38**  
A BEDSIDE SCORING SYSTEM FOR THE RESISTANCE TO A LIMITED SPECTRUM ANTIMICROBIAL THERAPY IN 631 BRAIN-INJURED PATIENTS WITH HOSPITAL-ACQUIRED PNEUMONIA  
Abstract Presenter: Karim Asehnoune, Nantes, France

**10:38-10:45**  
EARLY TREATMENT OF ATYPICAL BACTERIA DIAGNOSED BY PCR VIA BRONCHO-ALVEOLAR LAVAGE IN VENTILATOR ASSOCIATED PNEUMONIA: INCIDENCE AND IMPACT ON OUTCOMES  
Abstract Presenter: Amr Elrakaiby, Alexandria, Egypt

**10:45-10:52**  
THE EFFECT OF SUBGLOTTIC SECRETION DRAINAGE FOR PREVENTING VENTILATOR-ASSOCIATED PNEUMONIA  
Abstract Presenter: Alper Yosunkaya, Konya, Turkey

**10:52-10:59**  
RESPIRATORY TRACT INFECTION CAUSED BY ASPERGILLUS SPP. IN CRITICALLY ILL PATIENTS  
Abstract Presenter: Irene Dot Jordana, Barcelona, Spain

**10:59-11:06**  
16S PAN-BACTERIAL PCR CAN ACCURATELY IDENTIFY PATIENTS WITH VENTILATOR ASSOCIATED PNEUMONIA  
Abstract Presenter: Andrew Conway Morris, Cambridge, United Kingdom

**11:06-11:13**  
A MULTICENTER SURVEILLANCE OF VENTILATOR-ASSOCIATED PNEUMONIA IN GREEK ADULT ICUS: RATES, MORTALITY AND TREATMENT CONSIDERATIONS  
Abstract Presenter: Eleni Mouloudi, Athens, Greece

**11:13-11:20**  
SECONDARY BACTEREMIA IN PATIENTS WITH VENTILATOR-ASSOCIATED PNEUMONIA: RESULTS OF A MULTICENTER STUDY IN GREEK ADULTS ICUS  
Abstract Presenter: Eleni Mouloudi, Athens, Greece

**11:20-11:27**  
ONE-YEAR OF SDD APPLICATION IN A TERTIARY-CARE UNIVERSITY HOSPITAL: IMPACT ON COLONOZATION AND NOSOCOMIAL INFECTIONS  
Abstract Presenter: Catalina Sánchez Ramírez, Las Palmas de Gran Canaria, Spain

**11:27-11:34**  
DOES THE IMPACT OF VAP STAFF EDUCATION DIFFERS BETWEEN 2 ICUS IN ALEXANDRIA UNIVERSITY HOSPITALS?  
Abstract Presenter: Ahmed Elmenshawy, Alexandria, Egypt

**11:34-11:41**  
INVASIVE MECHANICAL VENTILATION IN COMMUNITY ACQUIRED PNEUMONIA  
Abstract Presenter: Miquel Ferrer, Barcelona, Spain

**11:41-11:48**  
DO VENTILATOR ASSOCIATED EVENTS (VAE) PREDICT VENTILATOR ASSOCIATED PNEUMONIA (VAP)?  
Abstract Presenter: Amarja Havalidar, Bangalore, India
Poster Corner, Poster Corner

10:10-12:00  **SEPSIS CLINICAL MANAGEMENT I**
Chair: Didier Payen de la Garanderie, Paris, France
Chair: Rupert Pearse, London, United Kingdom

10:10-10:17  **SEPSIS SIX: AUDIT, AWARENESS AND EDUCATION**
Abstract Presenter: Ceri Lynch, Cardiff, United Kingdom

10:17-10:24  **IMMUNOSTIMULATION WITH INTERFERON GAMMA TO TREAT PERSISTENT INFECTIONS IN ICU PATIENTS: A PILOT STUDY**
Abstract Presenter: Anne-Claire Lukaszewicz, Paris, France

10:24-10:31  **DISTRIBUTION OF ESKAPE MICROORGANISMS IN PATIENTS WITH SEVERE SEPSIS/SEPTIC SHOCK. ONE YEAR SEPSIS UNIT EXPERIENCE**
Abstract Presenter: Susana Sancho, Valencia, Spain

10:31-10:38  **SEPSIS: THE FLUID CHALLENGE - VARIATIONS IN THE MANAGEMENT OF HYPOTENSION IN 30 INTENSIVE CARE UNITS IN ENGLAND**
Abstract Presenter: Katherine Grailey, London, United Kingdom

10:38-10:45  **SEPSIS RAPID RESPONSE TEAM: EFFECTS ON HOSPITALIZED PATIENTS WITH BACTEREMIA**
Abstract Presenter: Elena Mantovani, Modena, Italy

10:52-10:59  **COMPLEX THERAPY OF SEVERE SEPSIS WITH A COMBINATION OF EXTRACORPOREAL TECHNIQUES IN PATIENTS AFTER CARDIAC SURGERY**
Abstract Presenter: Michael Yaroustovsky, Moscow, Russian Federation

10:59-11:06  **PRO-ADRENOMEDULLIN, PROCALCITONIN, C-REACTIVE PROTEIN AS PROGNOSTIC MARKERS OF MORTALITY IN PATIENTS WITH SEVERE SEPSIS**
Abstract Presenter: Francisco Valenzuela Sanchez, Jerez de la Frontera, Spain

11:06-11:13  **PROGNOSTIC VALUE OF BRACHIORADIALIS MUSCLE OXYGEN SATURATION INDEX AND VASCULAR OCCLUSION TEST IN SEPTIC SHOCK PATIENTS**
Abstract Presenter: Judith Marin-Corral, Tarragona, Spain

11:13-11:20  **IMPACT OF AN EARLY GOAL-DIRECTED THERAPY PROTOCOL IN THE TREATMENT OF SEVERE SEPSIS AND SEPTIC SHOCK: A HOSPITAL REALITY**
Abstract Presenter: Nicodemos Fernandes, Madère, Portugal

11:20-11:27  **SEVERE SEPSIS: CRAIGAVON AREA HOSPITAL**
Abstract Presenter: Ronan McKeague, Craigavon, United Kingdom

11:27-11:34  **ROLE OF ULINASTATIN IN REDUCING MORTALITY FROM SEVERE SEPSIS - A RETROSPECTIVE ANALYSIS**
Abstract Presenter: Abhinav Gupta, Gurgaon, India

11:34-11:41  **EFFECTS OF DOPAMINE VERSUS NOREPINEPHRINE ON THE RECOVERY OF MICROVASCULAR PERFUSION IN SEPTIC SHOCK**
Abstract Presenter: Thais Rossetto, São Paulo, Brazil

11:41-11:48  **COMBINED USE OF TRANSPULMONARY THERMODILUTION TECHNIQUE IN FLUID MANAGEMENT FOR SEPSIS PATIENTS**
Abstract Presenter: Kenichiro Morisawa, Kawasaki, Japan

Poster Corner, Poster Corner

10:10-12:00  **STROKE**
Chair: Pedro Navarrete Navarro, Granada, Spain
Chair: Peter LeRoux, Philadelphia, United States
10:10-10:17  EXTERNAL VALIDATION OF THE ISCORE AND DRAGON SCORE IN INTRAVENOUS THROMBOLYSIS-TREATED ACUTE ISCHEMIC STROKE PATIENTS
Abstract Presenter: Hyun Suk Sim, Seoul, Korea, Republic of

10:17-10:24  CLEVIDIPINE IS SAFE AND EFFECTIVE FOR RAPID BLOOD PRESSURE CONTROL IN PATIENTS WITH ACUTE NEUROLOGICAL INJURIES
Abstract Presenter: Kees Polderman, Pittsburgh, United States

10:24-10:31  BRAIN INJURY BIOMARKERS’ UTILITY AS A MORTALITY PREDICTOR IN PATIENTS WITH SPONTANEOUS INTRACEREBRAL HEMORRHAGE
Abstract Presenter: Ainhoa Serrano, Valencia, Spain

10:31-10:38  INDUCED MILD HYPOTHERMIA FOR ISCHEMIC STROKE PATIENTS
Abstract Presenter: Mervat Khalaf, Cairo, Egypt

10:38-10:45  CRITICAL CARE STROKE OUTCOMES - NOT AS BAD AS YOU MAY THINK
Abstract Presenter: Milena Georgieva, London, United Kingdom

10:45-10:52  RELATION OF HEMATOMA VOLUME AND INFLAMMATORY MARKERS TO MORTALITY IN PATIENTS WITH SPONTANEOUS INTRACEREBRAL HEMORRHAGE
Abstract Presenter: Rotzel Huerta, Valencia, Spain

10:52-10:59  INTRAVENOUS FIBRINOLYTIC THERAPY IN PATIENTS WITH ACUTE ISCHEMIC STROKE
Abstract Presenter: María Redondo-Orts, Granada, Spain

10:59-11:06  INFLUENCE OF AGE, GENDER, STROKE SUB TYPE AND STROKE SEVERITY ON LENGTH OF HOSPITAL STAY IN PATIENTS WITH ACUTE STROKE
Abstract Presenter: Rajarshi Deb, Hyderabad, India

11:06-11:13  VALIDATION OF THE RECOGNITION OF STROKE IN THE EMERGENCY ROOM (ROSIER) SCALE IN A KOREAN EMERGENCY DEPARTMENT
Abstract Presenter: Hanho Doh, Goyangsi, Korea, Republic of

11:13-11:20  SHORT TERM OUTCOME OF PATIENTS WITH HYPERGLYCEMIA AND ACUTE STROKE
Abstract Presenter: Rania El-Sherif, Cairo, Egypt

11:20-11:27  DIAGNOSTIC CAPABILITIES OF MEASURING THE TEMPERATURE OF THE BRAIN WITH THE HELP OF RADIOTERMOSCOPY IN PATIENTS WITH STROKE
Abstract Presenter: Dmitry Cheboksarov, Moscow, Russian Federation

11:27-11:34  EXPERIENCE OF DECOMPRESSIVE CRANIOTOMY IN PATIENTS WITH ISCHEMIC STROKE AS A TREATMENT FOR LIFE-THREATENING BRAIN EDEMA
Abstract Presenter: Alexey Gritsan, Krasnoyarsk, Russian Federation

11:34-11:41  ENDOVASCULAR TREATMENT IN ACUTE ISCHAEMIC STROKE: OUTCOME AND COMPLICATIONS
Abstract Presenter: Ana Raigal Caño, Toledo, Spain

11:41-11:48  DYNAMICS OF THE CONCENTRATION OF URIC ACID IN THE CEREBROSPINAL FLUID AND DEATH IN CEREBRAL STROKE
Abstract Presenter: Evgeny Oreshnikov, Cheboksary, Russian Federation

10:10-10:17  CRITERIA TO ASSESS EXTUBATION READINESS AND PREDICTION OF SUCCESSFUL WEANING
Abstract Presenter: Hélène Le Goff, Paris, France
SONOGRAPHIC EVALUATION OF THE MAXIMAL RELAXATION RATE (MRR) OF THE DIAPHRAGM
Abstract Presenter: Eleni Soilemezi, Thessaloniki, Greece

PATIENTS' RESPONSE TO CHANGES IN VENTILATOR SUPPORT. A MODELLING APPROACH
Abstract Presenter: Sebastian Larraza, Aalborg, Denmark

PATIENT EFFORT DURING ASSISTED MECHANICAL VENTILATION: EVALUATION BY INSPIRATORY MUSCLES SURFACE ELECTROMYOGRAPHY (SEMG)
Abstract Presenter: Giacomo Bellani, Monza, Italy

RELATIONSHIP BETWEEN RESPIRATORY MUSCLE PRESSURE AND THE ELECTRICAL ACTIVITY OF THE DIAPHRAGM
Abstract Presenter: Annalisa Rundo, Barcelona, Spain

INTRA-ABDOMINAL PRESSURE MEASUREMENTS DURING SPONTANEOUS BREATHING TRIAL
Abstract Presenter: Mohamed Elghonemi, Cairo, Egypt

CONTINUOUS MONITORING OF PATIENT-VENTILATOR INTERACTION IN ICU PATIENTS UNDERGOING PROLONGED MECHANICAL VENTILATION
Abstract Presenter: Francesco Mojoli, Pavia, Italy

DIFFERENCES BETWEEN PARAMETERS OBTAINED FROM ESOPHAGEAL AND RESPIRATORY MUSCLE PRESSURE
Abstract Presenter: Jose Manuel Serrano Simon, Cordoba, Spain

DETECTION AND ASSISTANCE OF WEAK COUGH AT EXSTUBATION: IMPACT ON OUTCOME
Abstract Presenter: Pascal Beuret, Roanne, France

THE USE OF INDIRECT CALORIMETER PARAMETERS TO OPTIMIZE RESPIRATORY SUPPORT AND WEANING FROM MECHANICAL VENTILATION IN STROKE PATIENTS
Abstract Presenter: Marina V. Petrova, Moscow, Russian Federation

ANALYSIS OF THE SIMILARITY BETWEEN ESOPHAGEAL AND RESPIRATORY MUSCLE PRESSURE
Abstract Presenter: Francisco Ruiz Ferron, Jaen, Spain

EVALUATION OF INTEGRATED WEANING INDEX PREDICTIVITY FOR SUCCESSFUL WEANING IN MECHANICALLY VENTILATED PATIENTS
Abstract Presenter: Essam Hassanein, Alexandria, Egypt

EVALUATION OF AIRWAY LENGTH OF KOREANS FOR OROFACIAL SURGERY USING A FIBEROPTIC BRONCHOSCOPE
Abstract Presenter: Won Hyung Lee, Daejeon, Korea, Republic of

PREVALENCE OF WORK OF BREATHING DURING INVASIVE MECHANICAL VENTILATION
Abstract Presenter: Francisco Garcia Rodriguez, Marbella, Spain

HOW DO I TREAT PATIENTS WITH SEVERE ARDS?
Chair: Luciano Gattinoni, Milan, Italy

Presentation
Speaker: Alain Mercat, Angers, France
Clinical Challenges Session, Vienna

11:10-12:00 HOW DO I MANAGE THERAPEUTIC CONFLICTS IN HAEMODYNAMICALLY UNSTABLE PATIENTS?
Chair: Pierre Squara, Neuilly-sur-Seine, France

11:10-12:00 Presentation
Speaker: Azriel Perel, Tel Aviv, Israel

Clinical Challenges Session, Berlin

11:10-12:00 HOW TO USE BIOMARKERS WISELY IN SEPSIS?
Chair: Claude Martin, Marseille, France

11:10-12:00 Presentation
Speaker: Ignacio Martin-Loeches, Dublin, Ireland

Clinical Challenges Session, Athens

11:10-12:00 HOW DO I MANAGE DIFFICULT WEANING?
Chair: Nicolo Patroniti, Lissone, Italy

11:10-12:00 Presentation
Speaker: Laurent Brochard, Toronto, Canada

Clinical Challenges Session, Rome

11:10-12:00 HOW DO I MANAGE THE SAH PATIENT IN THE ICU?
Chair: Martin Smith, London, United Kingdom

11:10-12:00 Presentation
Speaker: Giuseppe Citerio, Monza, Italy

Clinical Challenges Session, Stockholm

11:10-12:00 HOW TO REDUCE THE USE OF ANTIBIOTICS WITHOUT KILLING MY PATIENT?
Chair: Jean Carlet, Paris, France

11:10-12:00 Presentation
Speaker: Christian Brun-Buisson, Créteil, France

Clinical Challenges Session, Geneva

11:10-12:00 HOW DO I CARE FOR THE PATIENT IN PRONE POSITION?
Chair: Sonia Labeau, Ghent, Belgium

11:10-12:00 Presentation
Speaker: Julie Benbenishty, Jerusalem, Israel
### How Do I Optimise Enteral Feeding?

**Chair:** Sonja Fruhwald, Graz, Austria  
**Presentation**  
**Speaker:** Pierre Singer, Petah Tiqva, Israel

### Anticoagulant Therapy in the Critically Ill Surgical Patient

**Chair:** Michael Sander, Berlin, Germany  
**Presentation**  
**Speaker:** Christian Von Heymann, Berlin, Germany

### How Do I Manage Spinal Cord Injury?

**Chair:** Fabio Silvio Taccone, Brussels, Belgium  
**Presentation**  
**Speaker:** Marc Léone, Marseille, France

### Next - Meet the Expert

**Chair:** Nadia Aissaoui, Paris, France  
**Turbidity: Making fluids clear!**  
**Speaker:** Djillali Annane, Garches, France

### Addressing the Unmet Need in the Critically Ill for Rapid Pathogen Identification with PCR/ESI-MS Technology

**Industry Chair:** Mervyn Singer, London, United Kingdom  
**Industry Chair:** Antonio Torres, Barcelona, Spain  
**Introduction- why rapid and accurate diagnosis matters**  
**Industry Speaker:** Mervyn Singer, London, United Kingdom  
**Diagnostic challenges of critically ill patients**  
**Industry Speaker:** Mark Wilcox, Leeds, United Kingdom  
**RADICAL - A multi-centre study demonstrating benefits of rapid diagnosis using PCR/ESI MS**  
**Industry Speaker:** Jean-Louis Vincent, Brussels, Belgium  
**Conclusions and Q&A**  
**Industry Speaker:** Mervyn Singer, London, United Kingdom
27th Annual Congress of the European Society of Intensive Care Medicine, 27 September - 1 October 2014, Barcelona, Spain

**Scientific Programme**

**Industry Sponsored Session, Berlin**

**12:30-14:00** HEALTH-ECONOMIC IMPACT OF RENAL RECOVERY AFTER AKI  
Industry Chair: John Prowle, London, United Kingdom  
Chair: Lui Forni, Worthing, United Kingdom

12:30-13:15 RRT modality in AKI: effects on renal recovery  
Industry Speaker: Antoine Schneider, Lausanne, Switzerland

13:15-14:00 Long-term dialysis dependence after AKI: health-economic implications  
Industry Speaker: Sean Bagshaw, Alberta, Canada

**Industry Sponsored Session, Athens**

**12:30-14:00** KEEPING THE COMPLEX ICU PATIENT SAFE  
Industry Chair: Javier Belda, Valencia, Spain  
Industry Chair: Olaf Cremer, Utrecht, Netherlands

12:30-12:50 The ventilation paradigm, resolved finally  
Industry Speaker: Javier Belda, Valencia, Spain

12:50-13:00 Q&A

13:00-13:20 How safe is safe? Safety challenges in a multi-hospital critical care organization  
Industry Speaker: Antonio Artigas, Barcelona, Spain

13:20-13:30 Q&A

13:30-13:50 Is automated care safer and cheaper?  
Industry Speaker: Chris Subbe, Bangor, United Kingdom

13:50-14:00 Q&A

**Industry Sponsored Session, Rome**

**12:30-14:00** NEW PERSPECTIVES IN VENTILATION-THERAPY  
Industry Chair: Massimo Antonelli, Rome, Italy  
Industry Chair: Laurent Papazian, Marseille, France

12:30-13:00 An overview about ventilation-therapy possibilities  
Industry Speaker: Massimo Antonelli, Rome, Italy

13:00-13:30 Impact of asynchrony and monitoring Edi in NIV patients  
Industry Speaker: Leo Heunks, Neimegen, Netherlands

13:30-14:00 How to treat hypercapnic failure  
Industry Speaker: Wolfram Windisch, Cologne, Germany

**Industry Sponsored Session, Stockholm**

**12:30-14:00** INTUBATION, REINTUBATION, ARF : POTENTIAL IMPACT OF NASAL HIGH FLOW RESPIRATORY SUPPORT  
Industry Chair: Samir Jaber, Montpellier, France  
Industry Chair: Marcus Schultz, Amsterdam, Netherlands

12:30-13:00 Hazards of intubation in the ICU : can nasal high flow oxygen help?  
Industry Speaker: Jean-Damien Ricard, Paris, France
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Industry Speaker/s, Location</th>
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</thead>
<tbody>
<tr>
<td>13:00-13:30</td>
<td>Reducing reintubation rate: what is the limit?</td>
<td>Gonzalo Hernandez, Madrid, Spain</td>
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<td>13:30-14:00</td>
<td>The golden hour of respiratory failure – could early Nasal High Flow therapy make the difference? From adult cardiac surgery to African children with pneumonia</td>
<td>John Francis Fraser, Queensland, Australia</td>
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<td>12:30-14:00</td>
<td>THE IMPACT OF NUTRITION IN THE ACUTELY ILL PATIENT</td>
<td>Jean-Daniel Chiche, Paris, France</td>
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<td>Rupert Pearse, London, United Kingdom</td>
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<td>12:30-12:50</td>
<td>Long term effects of short term illness</td>
<td>Rupert Pearse, London, United Kingdom</td>
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<td>12:50-13:10</td>
<td>Can nutrition choice and timing improve outcomes for trauma patients?</td>
<td>Robert Martindale, Portland, United States</td>
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<td>13:10-13:30</td>
<td>Nutrition options in neuro-critical care</td>
<td>Peter Andrews, Edinburgh, United Kingdom</td>
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<td>13:30-14:00</td>
<td>Nutritional challenges with long staying ICU patients</td>
<td>Jan Wernerman, Stockholm, Sweden</td>
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<td>12:30-14:00</td>
<td>MECHANICAL VENTILATION: MAKE IT LUNG PROTECTIVE!</td>
<td>Laurent Brochard, Toronto, Canada</td>
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<td>Marc Wysocki, Paris, France</td>
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<td>12:30-13:00</td>
<td>The recruitability at the bedside</td>
<td>Laurent Brochard, Toronto, Canada</td>
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<td>13:00-13:30</td>
<td>Stress and stain and the daily life: what to do with that</td>
<td>Marc Wysocki, Paris, France</td>
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<td>13:30-14:00</td>
<td>The &quot;Friday night&quot; safe ventilation guidelines</td>
<td>Luciano Gattinoni, Milan, Italy</td>
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<td>12:30-14:00</td>
<td>FURTHER ADVANCEMENTS IN MAKING IMPROVED GLUCOSE CONTROL A REALITY</td>
<td>Michael Hiesmayr, Vienna, Austria</td>
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<td>Valentin Fuhrmann, Hamburg, Germany</td>
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<td>12:30-13:00</td>
<td>Use of a CGM-guided strategy to improve glucose control</td>
<td>Jean-Charles Preiser, Brussels, Belgium</td>
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<td>13:00-13:30</td>
<td>Implementation of nurse-driven IIT using GlucoClear continuous glucose monitoring</td>
<td>Hazra Moeniralam, Nieuwegein, Netherlands</td>
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</table>
13:30-14:00  Is glycemic control cost effective?  
Industry Speaker: James Krinsley, Stamford, United States

12:30-14:00  NEW PERSPECTIVES IN MANAGING DRUG RESISTANCE IN ICU  
Industry Chair: Emilio Bouza, Madrid, Spain  
Industry Chair: Mitchell Levy, Providence, United States

12:30-12:35  Chairman's introduction  
Industry Speaker: Emilio Bouza, Madrid, Spain

12:35-13:00  Burden and epidemiology of drug-resistant infections in European ICUs  
Industry Speaker: Evelina Tacconelli, Tübingen, Germany

13:00-13:25  Management of infections caused by drug-resistant Gram-negative bacteria  
Industry Speaker: Philippe Montravers, Paris, France

Industry Speaker: Emilio Bouza, Madrid, Spain

13:50-14:00  Q&A with panel discussion

12:30-14:00  HEMODYNAMIC OPTIMIZATION: THE LATEST STRATEGIES FOR FLUID AND BLOOD MANAGEMENT IN THE ICU  
Industry Chair: Michael Pinsky, Pittsburgh, United States  
Industry Chair: Christoph Hofer, Zurich, Switzerland

12:30-12:35  Welcome and introduction  
Industry Speaker: Michael Pinsky, Pittsburgh, United States

12:35-13:00  The evolving role of hemodynamic monitoring in the ICU  
Industry Speaker: Michael Pinsky, Pittsburgh, United States

13:00-13:25  How to best guide fluid management: Role of non-invasive assessment of fluid responsiveness  
Industry Speaker: Azriel Perel, Tel Aviv, Israel

13:25-13:50  Patient blood management and transfusion optimization  
Industry Speaker: Keith J Ruskin, New Haven, United States

13:50-14:00  Panel discussion, Q&A and closing remarks

14:00-14:50  NEXT - EXPERTS IN THE HOT SEAT  
Chair: Bernardo Bollen Pinto, London, United Kingdom

14:00-14:50  My wild dream for Intensive Care is?  
Speaker: Jean-Louis Vincent, Brussels, Belgium  
Speaker: Mervyn Singer, London, United Kingdom
14:00-15:50  PREDICTORS OF ICU OUTCOME I

Chair: Paulo Maia, Porto, Portugal
Chair: Kathy Rowan, London, United Kingdom

14:00-14:07  A MULTIPLE BIOMARKERS PANEL FOR THE RISK STRATIFICATION OF CRITICALLY ILL PATIENTS WITH ACUTE/CHRONIC DECOMPENSATED HEART FAILURE - THE BILLIARD STUDY
Abstract Presenter: Hany Assaad, Alexandria, Egypt

14:07-14:14  EVALUATION OF MODIFIED EARLY WARNING SCORE TO PREDICT SEPSIS IN EMERGENCY HOSPITAL
Abstract Presenter: Ahmed Gado, Cairo, Egypt

14:14-14:21  EVALUATION OF DISCRIMINATION OF SCALES GRACE AND KILLIP SUPPLEMENTED WITH AGE IN ACUTE CORONARY SYNDROME
Abstract Presenter: Maria Dolores Arias-Verdu, Malaga, Spain

14:21-14:28  ABILITY OF THE ACUTE KIDNEY INJURY TO IMPROVE THE PROGNOSTIC PERFORMANCE OF NATIONAL EARLY WARNING SCORE
Abstract Presenter: Assad Oskuei, Bridgeport, United States

14:28-14:35  VALIDATION OF THE SAPS-3 SCORE IN PATIENTS ADMITTED TO THE INTENSIVE CARE UNITS FOR INTOXICATION
Abstract Presenter: Maria Dolores Arias-Verdu, Malaga, Spain

14:35-14:42  LENGTH OF STAY, TISS, APACHE II AND SOFA SCORES IN PREDICTION OF THE PRESSURE ULCER DEVELOPMENT IN MIXED ICU
Abstract Presenter: Maarit Ahtiala, Turku, Finland

14:42-14:49  MEDICAL SEQUELAE AND HOSPITAL MORTALITY IN CRITICALLY ILL PATIENTS AFTER DISCHARGE FROM ICU
Abstract Presenter: Angel Estella, Jerez de la Frontera, Spain

14:49-14:56  CORRELATION BETWEEN QTC ON ADMISSION ECG AND NURSING AND SEVERITY INDEXES IN ICU PATIENTS
Abstract Presenter: Aristidis Vakalos, Xanthi, Greece

14:56-15:03  EVALUATION AND MONITORING OF WORK ACTIVITIES AFTER 3-YEAR FOLLOW-UP IN ICU PATIENTS WITH TRAUMATIC BRAIN INJURY
Abstract Presenter: Maria Dolores Arias-Verdu, Malaga, Spain

15:03-15:10  ASSOCIATION BETWEEN MAXIMUM DAILY LACTATE LEVELS AND DAILY SEQUENTIAL ORGAN FAILURE ASSESSMENT SCORE: A RETROSPECTIVE, OBSERVATIONAL STUDY
Abstract Presenter: Mohamud Egal, Rotterdam, Netherlands

15:10-15:17  VALIDATION OF ONE PROGNOSTIC SCORE FOR MORTALITY IN ELDERLY PATIENTS ADMITTED TO MEXICAN INTENSIVE CARE UNITS
Abstract Presenter: Brigette Carmen Tejeda Huezo, Mexico, Mexico

15:17-15:24  ASSESSMENT OF SOFA AND AGE TO PREDICT HOSPITAL MORTALITY OF ICU PATIENTS
Abstract Presenter: Maria Dolores Arias-Verdu, Malaga, Spain

15:24-15:31  PROGNOSTIC VALUE OF LACTATE INDICES AND REGIONAL OXYGEN SATURATION INDEX (RSO2) IN CRITICALLY ILL PATIENTS
Abstract Presenter: Alejandro Rodriguez, Tarragona, Spain

15:31-15:38  ARE THE DATA USED TO CALCULATE THE HOSPITAL STANDARDISED MORTALITY RATIO (HSMR) IN THE UNITED KINGDOM FIT FOR PURPOSE IN MAJOR VASCULAR SURGERY?
Abstract Presenter: Graeme Sanders, Gillingham, United Kingdom
**Scientific Programme**

**Poster Corner, Poster Corner**

**14:00-15:50**  
**HOSPITAL-ACQUIRED INFECTIONS**  
Chair: Jean-Louis Teboul, Kremlin-Bicêtre, France  
Chair: Peter van der Voort, Amsterdam, Netherlands

**14:00-14:07**  
**IMPACT OF TWO YEARS APPLICATION OF SELECTIVE DECONTAMINATION OF THE DIGESTIVE TRACT IN A MIXED INTENSIVE CARE UNIT IN A UNIVERSITY TERTIARY-CARE HOSPITAL**  
Abstract Presenter: Catalina Sánchez Ramírez, Las Palmas de Gran Canaria, Spain

**14:07-14:14**  
**APPLICATION OF THE RECOMMENDATIONS FOR THE PREVENTION OF VENTILATOR-ACQUIRED PNEUMONIA (VAP) AND THE OPTIMIZATION OF THE ANCILLARY MEDICAL CARE- DOES IT HELP DECREASING THEIR RATE INCIDENCE?**  
Abstract Presenter: Mhamed Mebazaa, Sidi Daoued, Tunisia

**14:14-14:21**  
**PREVENTION OF VENTILATOR-ASSOCIATED PNEUMONIA (VAP): IS STAYING A PLACE FOR THE SUBGLOTTIC SECRETIONS DRAINAGE IN 2014? THE PREVAP VENDEE STUDY**  
Abstract Presenter: Jean-Claude Lacherade, La Roche sur Yon, France

**14:21-14:28**  
**SELECTIVE DECONTAMINATION OF THE DIGESTIVE TRACT AND OTHER RISK FACTORS FOR THE DEVELOPMENT OF NOSOCOMIAL PNEUMONIA IN AN ICU**  
Abstract Presenter: Catalina Sánchez Ramírez, Las Palmas de Gran Canaria, Spain

**14:28-14:35**  
**VENTILATOR-ASSOCIATED PNEUMONIA (VAP) RATES ARE SIGNIFICANTLY REDUCED BY DEPLOYING THE VAP BUNDLE IN AN ACADEMIC EMERGENCY DEPARTMENT**  
Abstract Presenter: Lawrence DeLuca, Tucson, United States

**14:35-14:42**  
**IN DEPTH OF VAP STAFF EDUCATION; WHICH PATIENT CATEGORIES BENEFIT MOST IN TEACHING MEDICAL/SURGICAL ICUS IN ALEXANDRIA UNIVERSITY HOSPITALS?**  
Abstract Presenter: Ahmed Elmenshawy, Alexandria, Egypt

**14:42-14:49**  
**THE BEGINNINGS OF A SEPSIS UNIT IN A TEACHING HOSPITAL. RESULTS FROM THE FIRST YEAR**  
Abstract Presenter: Rafael Zaragoza, Valencia, Spain

**14:49-14:56**  
**KNOWLEDGE AND ATTITUDES TOWARDS FAECAL BACTERIOTHERAPY ON ITU**  
Abstract Presenter: Julie Gupta, Birmingham, United Kingdom

**14:56-15:03**  
**BEYOND MATCHING MICHIGAN - A CONTINUOUS MONITORING AND QUALITY IMPROVEMENT PROJECT. ARE CARE BUNDLES REALLY THE ANSWER IN TARGETING ZERO INFECTIONS?**  
Abstract Presenter: Adrian Wong, Portsmouth, United Kingdom

**15:03-15:10**  
**A BUNDLE OF MEASURES FOR EXTERNAL CEREBRAL VENTRICULAR DRAINAGE ASSOCIATED VENTRICULITIS (EVDV): RESULTS FROM THE POST STUDY PERIOD**  
Abstract Presenter: Maria Chatzi, Larissa, Greece

**15:10-15:17**  
**DETERMINATION OF SCCMEC TYPES AND RAPD-PCR FINGERPRINTING OF METHICILLIN RESISTANT STAPHYLOCOCCUS AUREUS ISOLATED FROM INTENSIVE CARE UNIT PATIENTS**  
Abstract Presenter: Birgul Yelken, Eskisehir, Turkey

**15:17-15:24**  
**PATIENTS WITH MULTIDRUG-RESISTANT BACTERIA IN THE SPANISH ICUS**  
Abstract Presenter: Mercedes Palomar, Barcelona, Spain

**15:24-15:31**  
**IMPLEMENTING EVIDENCE-BASED TREATMENT PROTOCOLS BASED ON PRINCIPLES OF ANTIMICROBIAL STEWARDSHIP IN AN ICU OF A TERTIARY CARE HOSPITAL**  
Abstract Presenter: Jasmine Naveen, Trivandrum, India

**15:31-15:38**  
**HOW DO WE MANAGE THE (TOO MANY?) URINE CULTURES (UC) PERFORMED IN A SURGICAL ICU: A FRENCH PROSPECTIVE STUDY**  
Abstract Presenter: Nora Colegrave, Le Kremlin Bicêtre, France
Poster Corner, Poster Corner

14:00-15:50  RISK ASSESSMENT & BIOMARKERS FOR AKI
Chair: Eric Hoste, Ghent, Belgium
Chair: Katie Lane, London, United Kingdom

14:00-14:07  TEMPORAL CHANGES IN SYSTEMIC AND RENAL INFLAMMATION AND HISTOLOGY IN A 72-HOUR RAT MODEL OF FAECAL PERITONITIS
Abstract Presenter: Nishkantha Arulkumaran, London, United Kingdom

14:07-14:14  EVALUATION OF NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN (NGAL) AND RENAL DOPPLER AS MARKERS OF ACUTE KIDNEY INJURY IN CARDIAC SURGERY
Abstract Presenter: Elie Zogheib, Amiens, France

14:14-14:21  RELATIONSHIP BETWEEN RENAL DOPPLER RESISTIVE INDEX AND SERUM CHLORIDE IN CRITICALLY ILL PATIENTS
Abstract Presenter: Raphael Oliveira, São Paulo, Brazil

14:21-14:28  PREDICTING POSTOPERATIVE ACUTE KIDNEY INJURY IN A CARDIAC SURGERY POPULATION: EXTERNAL VALIDATION OF EXISTING SCORING SYSTEMS AND POSSIBLE BENEFIT OF IMPLEMENTATION OF THE BIOMARKER CHI3L1
Abstract Presenter: Sofie Vanderhaeghen, Ghent, Belgium

14:28-14:35  PERIOPERATIVE RISK FACTORS FOR ACUTE KIDNEY INJURY AND CHRONIC KIDNEY DISEASE IN LIVER TRANSPLANT PATIENTS
Abstract Presenter: Mihai Popescu, Bucharest, Romania

Abstract Presenter: Fabian Dusse, Essen, Germany

14:42-14:49  METFORMIN ASSOCIATED LACTIC ACIDOSIS IN A MEDICAL ICU. CLINICAL PROFILE AND OUTCOMES IN A THIRD LEVEL HOSPITAL IN SPAIN
Abstract Presenter: Vicente Corral-Velez, Barcelona, Spain

14:49-14:56  IDENTIFICATION OF THE CRITICALLY ILL PATIENT WITH AUGMENTED RENAL CLEARANCE: MAKE DO WITH WHAT YOU HAVE!
Abstract Presenter: Joao Pedro Baptista, Coimbra, Portugal

14:56-15:03  ROLE OF AKI BIOMARKERS TO PREDICT AKI EARLY AND POTENTIAL TO MODIFY CLINICIANS' PRACTICE
Abstract Presenter: Marlies Ostermann, London, United Kingdom

15:03-15:10  A CLINICAL SCORE TO PREDICT MORTALITY IN SEPTIC AKI REQUIRING CONTINUOUS RENAL REPLACEMENT THERAPY: THE HELENICC SCORE
Abstract Presenter: Rogerio Passos, Salvador, Brazil

15:10-15:17  USE OF BIOMARKERS ASSOCIATED WITH CELL CYCLE ARREST AIDS IN THE PREDICTION OF LONG TERM OUTCOME AFTER ACUTE KIDNEY INJURY
Abstract Presenter: Lui Forni, Worthing, United Kingdom

15:17-15:24  COLLOID VERSUS CRYSTALLOID IN SEPTIC NEUTROPENIC PATIENTS USING SERUM NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN (NGAL) AS AN EARLY MARKER OF ACUTE RENAL FAILURE
Abstract Presenter: Atef Mahmoud, Alexandria, Egypt

15:24-15:31  EARLY DETECTION OF NGAL IN PLASMA AND URINE TO ASSESS ACUTE RENAL FAILURE IN PATIENTS AFTER CARDIAC SURGERY
Abstract Presenter: Paula Ravelo Hernandez, Las Palmas de Gran Canaria, Spain

15:31-15:38  PREDICTIVE VALUE OF PLASMA NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN AND STANDARD BIOCHEMICAL MARKERS FOR ACUTE KIDNEY INJURY AFTER MAJOR NON-CARDIAC SURGERY IN ICU
Abstract Presenter: Hoi Ping Shum, Hong Kong, Hong Kong, China
Poster Corner, Poster Corner

**14:00-15:50 CLINICAL EVALUATION IN ACUTE RESPIRATORY FAILURE**
Chair: Nadia Aissaoui, Paris, France
Chair: Samir Jaber, Montpellier, France

**14:00-14:07 PHYSIOLOGICAL SCORE SIPF (SHOCK INDEX AND HYPOXEMIA) AN ACCURATE PREDICTOR OF ICU ADMISSION IN COMMUNITY-ACQUIRED PNEUMONIA**
Abstract Presenter: Lorena Palacios Gamir, Valencia, Spain

**14:07-14:14 ACUTE RESPIRATORY DISTRESS SYNDROME IN ADMITTED PATIENTS WITH COMMUNITY-ACQUIRED PNEUMONIA**
Abstract Presenter: Joan Badia, Barcelona, Spain

**14:14-14:21 DIFFERENTIAL CHARACTERISTICS OF PATIENTS WITH MILD ACUTE RESPIRATORY DISTRESS SYNDROME DUE TO COMMUNITY-ACQUIRED PNEUMONIA ADMITTED TO ICU**
Abstract Presenter: Andres Vargas Atehortua, Valencia, Spain

**14:21-14:28 MORTALITY ANALYSIS IN ICU COMMUNITY ACQUIRED PNEUMONIA**
Abstract Presenter: Elena Trujillo-García, Málaga, Spain

**14:28-14:35 INCIDENCE, RISK FACTORS AND OUTCOME OF TRANSFUSION-RELATED ACUTE LUNG INJURY IN CRITICALLY ILL CHILDREN: A RETROSPECTIVE STUDY**
Abstract Presenter: Hilde Mulder, Amsterdam, Netherlands

**14:35-14:42 COPD: NEW TOOLS? NEW RULES? PILOT STUDY OF NEW BODE INDEX AND ITS IMPORTANCE ON COPD ADMISSION IN THE ICU**
Abstract Presenter: Carmen Laura Sanz Sanz, Leganés, Spain

**14:42-14:49 CRITICAL ASTHMA SYNDROME: IDENTIFY TO TREAT!**
Abstract Presenter: Cátia Guimarães, Lisboa, Portugal

**14:49-14:56 MECHANICAL VENTILATION IN CRITICALLY ILL PREGNANT WOMEN**
Abstract Presenter: Stephen Lapinsky, Toronto, Canada

**14:56-15:03 ANALYSIS OF THE MORTALITY IN UCIF OF THE PATIENTS AFTER CARDIAC SURGERY WITH NEED OF MECHANICAL VENTILATION MORE THAN 24 HOURS**
Abstract Presenter: MD Fernández-Zamora, Málaga, Spain

**15:03-15:10 EVALUATING THE EFFECTIVENESS OF VAP TREATMENT BASED ON DYNAMIC ASSESSMENT OF THE SCALE AND CPIS C-REACTIVE PROTEIN IN PATIENTS WITH STROKE**
Abstract Presenter: Alexey Gritsan, Krasnoyarsk, Russian Federation

**15:10-15:17 INCIDENCE AND USE OF PREVENTION STRATEGIES FOR VENTILATOR ASSOCIATED PNEUMONIA IN A TERTIARY CARE INTENSIVE CARE UNIT IN INDIA**
Abstract Presenter: Subhal Dixit, Pune, India

**15:17-15:24 HIGH FREQUENCY OSCILLATORY VENTILATION IN SEVERE ACUTE RESPIRATORY DISTRESS SYNDROME: OUTCOME PREDICTORS FROM ANALYSIS OF TEN YEARS OF TREATMENT**
Abstract Presenter: Purificacion Carmona Sanchez, Cordoba, Spain

**15:24-15:31 VARIATION IN NEUROMUSCULAR BLOCKER USE IN A RANDOMIZED CONTROLLED TRIAL OF HIGH-FREQUENCY OSCILLATION**
Abstract Presenter: Sangeeta Mehta, Toronto, Canada

**15:31-15:38 OUTCOME OF CRITICALLY ILL PATIENTS MANAGED WITH HIGH FREQUENCY OSCILLATORY VENTILATION**
Abstract Presenter: Asumi Sugiura, Toronto, Canada
Scientific Programme

14:00-15:50  ETHICS IN THE ICU I
Chair: Christiane Hartog, Jena, Germany
Chair: Charles Sprung, Jerusalem, Israel

14:00-14:07  LIFE SUPPORT TREATMENTS (LST) LIMITATION AT ICU ADMISSION: RESULTS OF A NATIONAL MULTICENTER SURVEY
Abstract Presenter: Olga Rubio, Manresa, Spain

14:07-14:14  A FOUR-YEAR PROSPECTIVE AUDIT OF END OF LIFE PRACTICES IN AN INDIAN CANCER HOSPITAL ICU
Abstract Presenter: Sheila Myatra, Mumbai, India

14:14-14:21  INTENSIVE CARE PHYSICIANS' ATTITUDES TOWARDS END-OF-LIFE DECISIONS: A EUROPEAN SURVEY
Abstract Presenter: Arthur Nieuwenhof, Enschede, Netherlands

14:21-14:28  ATTITUDES OF PHYSICIANS TOWARD WITHHOLDING AND WITHDRAWAL OF LIFE-SUSTAINING TREATMENTS IN ASIAN INTENSIVE CARE UNITS
Abstract Presenter: Jason Phua, Singapore, Singapore

14:28-14:35  LIVE SUPPORT THERAPY LIMITATION PRACTICES IN SPAIN
Abstract Presenter: Núria Masnou, Barcelona, Spain

14:35-14:42  'MAKING SENSE' OF LIFE AND DEATH: A PHENOMENOLOGICAL EXPLORATION OF FAMILIES END OF LIFE EXPERIENCES IN INTENSIVE CARE
Abstract Presenter: Maureen Coombs, Wellington, New Zealand

14:42-14:49  APPLICABILITY OF ADVANCE DIRECTIVES IN THE ICU - A PROSPECTIVE STUDY OF PHYSICIANS' AND PROXIES' ASSESSMENTS
Abstract Presenter: Nadja Leder, Jena, Germany

14:49-14:56  PATIENTS' AND RELATIVES' KNOWLEDGE, INTERESTS AND DISCUSSION ABOUT ADVANCE CARE PLANNING
Abstract Presenter: Fabienne Gigon, Geneva, Switzerland

14:56-15:03  THE MEDICAL EMERGENCY TEAM'S ROLE IN END-OF-LIFE CARE
Abstract Presenter: Lúcia Proença, Porto, Portugal

15:03-15:10  WE SAY WE CARE FOR THE DYING, BUT (HOW) DO WE REALLY CARE?
Abstract Presenter: Jelle Epker, Rotterdam, Netherlands

15:10-15:17  END OF LIFE CARE IN CRITICALLY ILL CANCER PATIENTS ON THE ICU: PREDICTORS AND OUTCOMES
Abstract Presenter: Nishita Desai, London, United Kingdom

15:17-15:24  AREAS OF UNCERTAINTY AND DIFFERENCE IN ATTITUDES ABOUT END OF LIFE NURSING CARE PRACTICES: AN INTERNATIONAL COMPARISON
Abstract Presenter: Maureen Coombs, Wellington, New Zealand

15:24-15:31  IS IT ETHICAL TO USE NON-INVASIVE MECHANICAL VENTILATION (NIMV) IN PATIENTS CONSIDERED AS TO BE UNDER LIMITATION OF THERAPEUTIC EFFORTS (LTE)?
Abstract Presenter: María Nieves Parias Angel, Ciudad Real, Spain

15:31-15:38  INADEQUATE ICU-ADMISSIONS IN A UNIVERSITY MEDICAL-CENTER - ONE YEAR PROSPECTIVE OBSERVATIONAL STUDY
Abstract Presenter: Stephan Braune, Hamburg, Germany
Poster Corner, Poster Corner

14:00-15:50  **CARDIAC CRISIS**

Chair: Jan Bakker, Rotterdam, Netherlands
Chair: Paul Mayo, New York, United States

14:00-14:07  **FIBRINOLYSIS AS TREATMENT OF PULMONARY THROMBOEMBOLISM IN OUR ICU: COMPLICATIONS, ECHOCARDIOGRAPHIC EVOLUTION AND QUALITY OF LIFE AFTER DISCHARGE**
Abstract Presenter: Esther Portugal Rodríguez, Burgos, Spain

14:07-14:14  **SAFETY OF NITRATES IN PATIENTS PRESENTING IN ACUTE PULMONARY EDEMA WITH CONCOMITANT MODERATE OR SEVERE AORTIC STENOSIS: A RETROSPECTIVE COHORT STUDY**
Abstract Presenter: David Claveau, Montreal, Canada

14:14-14:21  **LOWER ADMISSION END-TIDAL CARBON DIOXIDE PREDICTS MORTALITY IN PATIENTS WITH CARDIOWGENIC SHOCK**
Abstract Presenter: Andrej Markota, Maribor, Slovenia

14:21-14:28  **RELATION BETWEEN LEFT VENTRICULAR ASSIST DEVICE FLOW AND RECOVERY FROM ORGAN DYSFUNCTION AFTER CONTINUOUS FLOW VENTRICULAR ASSIST DEVICE IMPLANTATION**
Abstract Presenter: Yusuke Enokidani, Osaka, Japan

14:28-14:35  **EFFECTS OF EARLY REHABILITATION IN POST-CARDIAC ARREST SYNDROME**
Abstract Presenter: Toshiaki Mochizuki, Tokyo, Japan

14:35-14:42  **THE PREDICTIVE OUTCOME OF PROCALCITONIN ON NEUROLOGICAL OUTCOME AFTER CARDIAC ARREST IS NOT INFLUENCED BY THE USE OF ANTIBIOTICS DURING SELECTIVE DECONTAMINATION OF THE DIGESTIVE TRACT**
Abstract Presenter: Wouter de Ruijter, Alkmaar, Netherlands

14:42-14:49  **COMPARISON OF THE HISTOPATHOLOGIC EFFECTS ON THE LUNGS OF TWO EXTERNAL CHEST COMPRESSION DEVICES (LUCAS VERSUS AUTOPULSE) IN A SWINE MODEL OF VENTRICULAR FIBRILLATION**
Abstract Presenter: Charalampos Pantazopoulos, Athens, Greece

14:49-14:56  **IAM MECHANICAL COMPLICATIONS IN CRITICAL PATIENTS**
Abstract Presenter: María Recuerda, Cádiz, Spain

14:56-15:03  **OPTIMISING PAIN FREE FUNCTION FOLLOWING ELECTIVE ENDOVASCULAR AND OPEN ABDOMINAL AORTIC ANEURYSM REPAIR: A REVIEW OF PRACTICE AND OUTCOMES**
Abstract Presenter: Jonathan Searle, Canterbury, United Kingdom

15:03-15:10  **PAIN PERCEPTION OF INVASIVE AND NONINVASIVE INTERVENTIONS IMPLEMENTED AFTER CARDIAC SURGERY IN INTENSIVE CARE UNIT**
Abstract Presenter: Ayla Yava, Ankara, Turkey

15:10-15:17  **ASSESSMENT OF OBESITY PARADOX AFTER AORTIC VALVE REPLACEMENT**
Abstract Presenter: Maria Sileli, Thessaloniki, Greece

15:17-15:24  **IMPACT OF EARLY POSTOPERATIVE ANEMIA ON OUTCOMES AFTER ON PUMP CARDIAC SURGERY**
Abstract Presenter: Ieva Norkiene, Vilnius, Lithuania

15:24-15:31  **DETERMINING THE RISK FACTORS FOR ACUTE KIDNEY INJURY IN HEART SURGERY WITH CIRCULATION EXTRACORPOREAL (CEC) LONG**
Abstract Presenter: Jose Antonio Villalobos Silva, Victoria, Mexico

15:31-15:38  **USE OF INTRA-AORTIC BALLOON PUMP IN CARDIAC SURGERY: ANALYSIS OF THE CARDIAC SURGERY REGISTER ARIAM**
Abstract Presenter: Elena Trujillo-García, Málaga, Spain
Poster Corner, Poster Corner

14:00-15:50 CARDIAC ARREST: CPR & BEYOND
Chair: Alain Cariou, Paris, France
Chair: Fernando Clau-Terré, Barcelona, Spain

14:00-14:07 SIMULATIONS IN CARDIOPULMONARY RESUSCITATION: FEARS TO BE ADDRESSED AND EXPECTATIONS TO BE FULFILLED
Abstract Presenter: Elisavet Geromarkaki, Heraklion, Greece

14:07-14:14 INDICATION FOR ECPR - FROM THE COST EFFECTIVENESS ANALYSIS OF SAVE-J STUDY
Abstract Presenter: Takahiro Atsumi, Kobe, Japan

14:14-14:21 THERAPEUTIC HYPOTHERMIA (TH) INDUCTION DURING CARDIOPULMONARY RESUSCITATION - A CASE CONTROL TRIAL
Abstract Presenter: G.J. Himaaldev, Bangalore, India

14:21-14:28 THERAPEUTIC HYPOTHERMIA IN PATIENTS WHO ACHIEVE ROSC FOLLOWING CARDIAC ARREST: AN OVERVIEW OF CURRENT PRACTICE IN WEST MIDLAND CRITICAL CARE UNITS AND EMERGENCY DEPARTMENTS
Abstract Presenter: Taylor Davis, Birmingham, United Kingdom

14:28-14:35 COMPARISON OF THE I-GEL® VERSUS ENDOTRACHEAL INTUBATION FOR IN-HOSPITAL TREATMENT OF OUT-OF-HOSPITAL CARDIAC ARREST
Abstract Presenter: Young Hwan Lee, Anyang-si, Korea, Republic of

14:35-14:42 AN EARLY TEST TO PREDICT A 6-MONTH NEUROLOGICAL OUTCOME AFTER CARDIAC ARREST: NEURON SPECIFIC ENOLASE OR SSEP?
Abstract Presenter: Francesca Verginella, Trieste, Italy

14:42-14:49 CHARACTERISTICS AND OUTCOMES OF CARDIOPULMONARY ARREST FOR 3 YEARS IN A TERTIARY HOSPITAL
Abstract Presenter: Alberto Iglesias Santiago, Granada, Spain

14:49-14:56 CARDIAC ARREST AND MILD THERAPEUTIC HYPOTHERMIA: PRELIMINARY RESULTS OF A NATIONAL REGISTRY IN SPAIN
Abstract Presenter: Ana Loza-Vazquez, Seville, Spain

14:56-15:03 HYPOTHERMIA PROTOCOL: EXPERIENCE IN AN INTENSIVE CARE UNIT
Abstract Presenter: Beatriz Amaral, Cascais, Portugal

15:03-15:10 TARGETED TEMPERATURE MANAGEMENT AFTER OUT OF HOSPITAL CARDIAC ARREST: AN AUDIT OF CURRENT PRACTICE AND OUTCOMES IN THE CTICU OF A LONDON TEACHING HOSPITAL
Abstract Presenter: John Bailes, London, United Kingdom

15:10-15:17 DO THE NOBLE GASES HELIUM AND ARGON EXERT NEUROPROTECTIVE EFFECTS IN A RODENT CARDIAC ARREST MODEL?
Abstract Presenter: Patrick Zuercher, Bern, Switzerland

15:17-15:24 EFFECTS OF SODIUM NITROPRUSSIDE IN ADDITION TO THERAPEUTIC HYPOTHERMIA AFTER EXPERIMENTAL CARDIAC ARREST
Abstract Presenter: Katia Donadello, Brussels, Belgium

15:24-15:31 OPTIMAL CHEST COMPRESSION TECHNIQUE FOR PEDIATRIC ARREST VICTIMS
Abstract Presenter: Yoo Seok Park, Seoul, Korea, Republic of

15:31-15:38 EFFECT OF THE NEUROPROTECTIVE P53-INHIBITOR PIFITHRIN-µ IN A RODENT CARDIAC ARREST MODEL
Abstract Presenter: Dirk Springe, Bern, Switzerland
Poster Corner, Poster Corner

14:00-15:50  **MULTI-DRUG RESISTANT BACTERIA**
Chair: Marc Léone, Marseille, France
Chair: Ignacio Martin-Loeches, Dublin, Ireland

14:00-14:07  **BENEFICIAL EFFECTS OF AZITHROMYCIN COMBINED WITH CEFTAZIDIME WITHOUT ACTIVITY AGAINST P. AERUGINOSA IN A MURINE SEPSIS MODEL OF PERITONITIS BY PSEUDOMONAS AERUGINOSA**
Abstract Presenter: Ana Díaz-Martín, Seville, Spain

14:07-14:14  **CHANGES IN THE CLINICAL AND MOLECULAR EPIDEMIOLOGY OF ACINETOBACTER BAUMANNII IN ICU PATIENTS OVER A 10-YEAR PERIOD**
Abstract Presenter: José Garnacho-Montero, Seville, Spain

14:14-14:21  **PSEUDOMONAS AERUGINOSA: RISK RELATED TO ICU WATER SUPPLY? A PROSPECTIVE OBSERVATIONAL STUDY**
Abstract Presenter: Daniel Conway, Manchester, United Kingdom

14:21-14:28  **EXTENDED SPECTRUM BETA-LACTAMASE PRODUCING ENTEROBACTERIACEAE (ESBL-PE) INFECTIONS IN ICU: SITE OF INFECTION, TREATMENT AND OUTCOME**
Abstract Presenter: Achille Kouatchet, Angers, France

14:28-14:35  **CLINICAL AND MICROBIOLOGICAL CHARACTERIZATION OF LOWER RESPIRATORY TRACT INFECTION BY STAPHYLOCOCCUS AUREUS IN AN INTENSIVE CARE UNIT**
Abstract Presenter: Eva Benveniste-Pérez, Badalona, Spain

14:35-14:42  **PROLONGED CRITICAL CARE ELIZABETHKINGIA MENINGOSEPTICA OUTBREAK IN A UK TEACHING HOSPITAL**
Abstract Presenter: Daniel Owens, London, United Kingdom

14:42-14:49  **NEGATIVIZATION OF COLISTIN AND CARBAPENEMASE RESISTANT MICROORGANISMS RECTAL COLONIZATION BY ENTERAL PARAMOMYCIN: PRELIMINARY FINDINGS**
Abstract Presenter: Catalina Sánchez Ramírez, Las Palmas de Gran Canaria, Spain

14:49-14:56  **VENTILATOR-ASSOCIATED PNEUMONIA CAUSED BY CARBAPENEM-RESISTANT GRAM-NEGATIVE BACTERIA IN 13 GREEK ADULTS ICUS: EPIDEMIOLOGY AND IMPACT ON ICU MORTALITY**
Abstract Presenter: Eleni Mouloudi, Athens, Greece

14:56-15:03  **PLACEBO-CONTROLLED TRIAL ABOUT THE EFFECT OF THYME WATER MOUTHWASH ON CONTROLLING SORE THROAT, HOARSENESS, ORAL MALODOR AND INFECTION, REGARDING THE PATIENTS, WHO HAD UNDERGONE CORONARY ARTERY BYPASS SURGERY**
Abstract Presenter: Aynur Koyuncu, Ankara, Turkey

15:03-15:10  **INCIDENCE OF PSEUDOMONAS AERUGINOSA IN A BURN CENTER: EPIDEMIOLOGICAL STUDY IN 2013**
Abstract Presenter: Sandrine Wiramus, Marseille, France

15:10-15:17  **A FIVE-YEAR REVIEW OF INFECTIONS CAUSED BY STENOTROPHOMONAS MALTOPHILIA IN AN INTENSIVE CARE UNIT**
Abstract Presenter: Elisabeth Paramythiotou, Athens, Greece

15:17-15:24  **CARBAPENEM RESISTANCE ENTEROBACTERIACEAE: THE NEW CHALLENGE**
Abstract Presenter: Takoua Merhabene, Ariana, Tunisia

15:24-15:31  **AN OBSERVATIONAL STUDY OF RISK FACTORS FOR IDENTIFYING HOSPITALIZED PATIENTS INFECTED WITH MULTI DRUG RESISTANT (MDR) PATHOGEN IN AN AREA WITH HIGH PREVALENCE OF MDR**
Abstract Presenter: Subhash Todi, Kolkata, India
15:31-15:38  AN OBSERVATIONAL STUDY OF APPROPRIATENESS OF EMPIRICAL ANTIBIOTIC THERAPY IN HOSPITALIZED PATIENTS INFECTED WITH MULTIDRUG RESISTANT ORGANISM (MDR) IN AN AREA WITH HIGH PREVALENCE OF MDR
Abstract Presenter: Subhash Todi, Kolkata, India

14:00-15:50  SUBARACHNOID HAEMORRHAGE
Chair: Max Jonas, Southampton, United Kingdom
Chair: Romergriko Geocadin, Baltimore, United States

14:00-14:07  GOAL DIRECTED THERAPY AFTER SUBARACHNOID HEMORRHAGE
Abstract Presenter: Eiji Isotani, Tokyo, Japan

14:07-14:14  ASSOCIATION OF BLOOD GAS TENSIONS WITH OUTCOME AFTER ACUTE SUBARACHNOID HEMORRHAGE
Abstract Presenter: Maarit Lang, Kuopio, Finland

14:14-14:21  INTRACRANIAL PRESSURE-TIME DOSE AND OUTCOME IN SUBARACHNOID HEMORRHAGE
Abstract Presenter: Federico Magni, Monza, Italy

14:21-14:28  INCIDENCE OF SYSTEMIC IMMUNE RESPONSE SYNDROME(SIRS) IN PATIENTS WITH SUBARACHNOID ANEURYSMAL HAEMORRHAGE (SAH) AND ITS ASSOCIATION WITH MORBIDITY AND MORTALITY
Abstract Presenter: Julián Cárdenas, Alicante, Spain

14:28-14:35  EARLY ELEVATED SERUM LACTATE AND GLUCOSE LEVELS DURING ADMISSION IN PATIENTS WITH SEVERE ANEURYSMAL SUBARACHNOID HEMORRHAGE AND PROGNOSIS
Abstract Presenter: Christian Engel, Groningen, Netherlands

14:35-14:42  SAFETY OF SUPPLEMENTAL PARENTERAL NUTRITION IN CRITICALLY ILL PATIENTS WITH INTRACRANIAL HEMORRHAGE
Abstract Presenter: Julia Titova, Moscow, Russian Federation

14:42-14:49  SPONTANEOUS SUBARACHNOID HAEMORRHAGE: A COMPARISON BETWEEN PATIENTS OVER AND UNDER 65 YEARS ADMITTED TO AN INTENSIVE CARE UNIT
Abstract Presenter: Jara Palamidessi Domínguez, Madrid, Spain

14:49-15:03  NO-TRAUMATIC SUBARACHNOID HEMORRHAGE: CLINICAL OUTCOMES IN PATIENTS OVER 65 YEARS OLD ADMITTED IN INTENSIVE CARE UNIT
Abstract Presenter: Raquel Fernández Rivas, Madrid, Spain

14:56-15:03  NOVEL OPTICAL INVESTIGATION OF CEREBRAL OXYGENATION, HEMODYNAMICS AND METABOLISM FOLLOWING FAILURE OF CEREBRAL AUTOREGULATION
Abstract Presenter: David Highton, London, United Kingdom

15:03-15:10  RELATIONSHIP BETWEEN PUPILLARY ABNORMALITIES ON ADMISSION AFTER SUBARACHNOID HEMORRHAGE IN A CRITICAL CARE UNIT AND HOSPITAL MORTALITY
Abstract Presenter: Inés Maclas-Guarasa, Málaga, Spain

15:10-15:17  TRENDS IN MORTALITY AND NEUROLOGICAL OUTCOME IN PATIENTS ADMITTED TO INTENSIVE CARE WITH NON-TRAUMATIC SUBARACHNOID HAEMORRHAGE
Abstract Presenter: John Sturrock, Edinburgh, United Kingdom
15:17-15:24 SHORT-TERM OUTCOME IN ANEURYSMAL SUBARACHNOID HEMORRHAGE (ASAH) AFTER REPAIR TREATMENT (CLIPPING OR COILING) OF RUPTURED INTRACRANIAL ANEURYSM
Abstract Presenter: Maria Gero Escapa, Burgos, Spain

15:24-15:31 SPONTANEOUS SUBARACHNOID HEMORRHAGE (SAH) OUTCOMES ACCORDING TO TREATMENT USED
Abstract Presenter: Francisca Pino-Sánchez, Granada, Spain

15:31-15:38 AN INVESTIGATION INTO THE BARRIERS OF THE IMPLEMENTATION OF HAEMODYNAMIC OPTIMISATION FOR INTUBATED SAH PATIENTS
Abstract Presenter: Emma Rankin, London, United Kingdom

14:00-15:50 TRAUMA MANAGEMENT
Chair: Karim Asehnoune, Nantes, France
Chair: Lara Prisco, Cambridge, United Kingdom

14:00-14:07 RISK FACTORS FOR TRAUMA-INDUCED ACUTE KIDNEY INJURY
Abstract Presenter: Mikael Eriksson, Stockholm, Sweden

14:07-14:14 THE THROMBOELASTOGRAPHY IN ACUTE TRAUMATIC COAGULOPHATY
Abstract Presenter: Alessandra Spasiano, Udine, Italy

14:14-14:21 ANTICOAGULATION AND ANTIPLATELET AGENTS DO NOT WORSEN TRAUMATIC BRAIN INJURY OUTCOMES AFTER LOW LEVEL FALLS IN THE ELDERLY
Abstract Presenter: Crystal Kavanagh, Ann Arbor, United States

14:21-14:28 CHEST WALL TRAUMA IN A UK MAJOR TRAUMA CENTRE
Abstract Presenter: Philip Gillen, Plymouth, United Kingdom

14:28-14:35 RESOURCES UTILIZATION AND OUTCOMES OF SEVERE TRAUMA IN SPANISH ICUS. RETRAUCI PROJECT. PILOT PHASE
Abstract Presenter: Mario Chico Fernández, Madrid, Spain

14:35-14:42 INTENTIONAL INJURY DEATHS ARE INCREASING WHEREAS UNINTENTIONAL ARE DECREASING IN SWEDISH CHILDREN
Abstract Presenter: Denise Bäckström, Norrköping, Sweden

14:42-14:49 APPROPRIATE USE OF LARGE ENDOTRACHEAL TUBES IN PATIENTS WITH MAJOR BURNS: A TERTIARY REFERRAL CENTRE’S EXPERIENCE
Abstract Presenter: Catherine Isitt, London, United Kingdom

Abstract Presenter: Maria Boulovana, Patras, Greece

14:56-15:03 THE CONTROL OF HYPOTHERMIA, IN PRE-HOSPITAL SEVERELY INJURED TRAUMA PATIENTS: COULD IT REDUCE THE GENESIS OF THE LETHAL TRIAD?
Abstract Presenter: Marco Croci, Busto Arsizio, Italy

15:03-15:10 EPIDEMIOLOGY OF SEVERE TRAUMA IN SPANISH ICUS. RETRAUCI PROJECT. PILOT PHASE
Abstract Presenter: Mario Chico Fernández, Madrid, Spain

15:10-15:17 SEDATION IN PATIENTS WITH TRAUMATIC BRAIN INJURY, PROPOFOL VS DEXMEDETOMIDINE
Abstract Presenter: Oleg Tarabrin, Odessa, Ukraine
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15:17-15:24 TEMPORARY CLOSURE OF THE OPEN ABDOMEN
Abstract Presenter: Victoria Olea-Jiménez, Málaga, Spain

15:24-15:31 ‘IS ITU ATTENDANCE TO ALL TRAUMA ALTERS ESSENTIAL?’ A NON-MAJOR TRAUMA CENTRE PERSPECTIVE
Abstract Presenter: Christopher Bonham, Birmingham, United Kingdom

15:31-15:38 PICCO MONITORING IN PATIENTS WITH SEVERE TRAUMA
Abstract Presenter: Aidos Konkayev, Astana, Kazakhstan

14:00-15:50 SEPSIS BIOMARKERS
Chair: Tom van der Poll, Amsterdam, Netherlands
Chair: Djillali Annane, Garches, France

14:00-14:07 SYSTEMIC INFLAMMATORY RESPONSE TO INFECTIONS IN PATIENTS ADMITTED TO ICU. PATIENT-RELATED RISK FACTORS. 2013 ENVIN-HELICS REGISTRY DATA
Abstract Presenter: Xavier Nuvials, Lleida, Spain

14:07-14:14 PROCALCITONIN CLEARANCE CORRELATES WITH MAJOR COMPLICATIONS IN POSTOPERATIVE PERITONITIS
Abstract Presenter: Adela Benítez-Cano, Barcelona, Spain

14:14-14:21 MONOCYTE SUBSET DISTRIBUTION IS ASSOCIATED WITH MORTALITY OF CRITICALLY ILL PATIENTS
Abstract Presenter: Walter Speidl, Vienna, Austria

14:21-14:28 PROGNOSTIC VALUE OF PENTRAVIN-3 LEVELS IN PATIENTS WITH SEVERE SEPSIS
Abstract Presenter: Ursula Hoffmann, Mannheim, Germany

14:28-14:35 FIBRINOGEN AT ADMISSION IS AN INDEPENDENT PREDICTOR OF MORTALITY IN SEVERE SEPSIS AND SEPTICSHOCK IN INTENSIVE CARE UNIT
Abstract Presenter: Mohammad Feroz Azfar, Riyadh, Saudi Arabia

14:35-14:42 CHANGES OF MONOCYTE TREM-1 EXPRESSION AND OUTCOME IN HUMAN SEPSIS
Abstract Presenter: Iraklis Tsangaris, Athens, Greece

14:42-14:49 ASSOCIATION OF TNFα, NOD2/CARD15 AND LBP GENE POLYMORPHISMS WITH SEPSIS IN CROATIAN POPULATION
Abstract Presenter: Gordana Cavrić, Zagreb, Croatia

14:49-14:56 FREE IMMUNOGLOBULIN LIGHT CHAIN CONCENTRATIONS, RATIOS AND OUTCOMES IN CRITICALLY ILL ADULTS WITH SEPSIS: A COHORT STUDY
Abstract Presenter: Manu Shankar-Hari, London, United Kingdom

14:56-15:03 INDUCTION AND REPRESSION EFFECTS OF HEAT SHOCK (HS) AND LPS AND MODULATORY EFFECTS OF GLUTAMINE ON BLOOD MONOUCELLULAR CELLS -HSPROTEIN-72 FROM ICU PATIENTS WITH SEVERE SEPSIS, TRAUMA AND HEALTHY CONTROLS
Abstract Presenter: Efrossini Briassouli, Athens, Greece

15:03-15:10 NEUTROPHILIC CD64 AND MONOCYTIC HLA-DR IN DIAGNOSIS, MONITORING AND PROGNOSTICATION OF NEONATAL SEPSIS
Abstract Presenter: Richeek Pradhan, Kolkata, India

15:10-15:17 LYMPHOCYTE SUBSETS COUNT IN BLOOD AS TOOL FOR DIAGNOSIS OF SEVERE SEPSIS
Abstract Presenter: Leonor Nogales, Valladolid, Spain
15:17-15:24 IS PRESEPSIN A NEW RELIABLE BIOMARKER FOR INFECTION IN TRAUMA PATIENTS? OUR EXPERIENCE
Abstract Presenter: Emanuele Russo, Cesena, Italy

15:24-15:31 B CELLS WITH BOTH SURFACE KAPPA AND LAMBDA LIGHT CHAINS ARE PRESENT IN THE CIRCULATION IN ICU PATIENTS WITH SEPSIS AND THEIR FREQUENCY CORRELATES WITH FREE LIGHT CHAIN CONCENTRATIONS IN SERUM
Abstract Presenter: Manu Shankar-Hari, London, United Kingdom

15:31-15:38 RELATIONSHIP BETWEEN CATECHOLAMINE DOSE, TACHYCARDIA AND OUTCOME IN SEPTIC SHOCK: A MULTICENTRE EVALUATION
Abstract Presenter: Roberta Domizi, London, United Kingdom

14:00-14:50 VENTILATORY MODES
Chair: Marco Ranieri, Turin, Italy
Chair: Claude Guérin, Lyon, France

14:00-14:07 RESPIRATORY EFFECTS OF NOISY VENTILATION DEPEND ON THE ETIOLOGY OF ACUTE RESPIRATORY DISTRESS SYNDROME
Abstract Presenter: Lillian Moraes, Rio de Janeiro, Brazil

14:07-14:14 NEURALLY ADJUSTED VENTILATORY ASSIST AND PROPORTIONAL ASSIST VENTILATION: BOTH IMPROVE PATIENT VENTILATOR INTERACTION
Abstract Presenter: Matthieu Schmidt, Paris, France

14:14-14:21 CLOSE LOOP VENTILATION IN ICU: A RANDOMIZED TRIAL OF WORKLOAD, SEDATION AND OUTCOMES
Abstract Presenter: Aude Garnero, Melbourne, Australia

14:21-14:28 THE POTENTIAL HAZARDS OF PRESSURE-CONTROL VENTILATION
Abstract Presenter: Ignacio Asua, Oxford, United Kingdom

14:28-14:35 MANUAL ASV VS. INTELLIVENT-ASV FOR PATIENTS AFTER CARDIAC SURGERY
Abstract Presenter: Tomofumi Watanabe, Yamagata, Japan

14:35-14:42 COMPARISON OF VARIABLE PRESSURE SUPPORT VENTILATION , NEURALLY ADJUSTED VENTILATORY ASSIST, AND PROPORTIONAL ASSIST VENTILATION ON BREATHING PATTERN VARIABILITY AND PATIENT VENTILATOR INTERACTION
Abstract Presenter: Elise Morawiec, Paris, France

14:42-14:49 NEURALLY ADJUSTED NON-INVASIVE VENTILATION IMPROVES PATIENT-VENTILATOR INTERACTION IN COPD
Abstract Presenter: Jonne Doorduin, Nijmegen, Netherlands

14:49-14:56 SIMULATION OF LATE INSPIRATORY RISE IN AIRWAY PRESSURE DURING PRESSURE SUPPORT VENTILATION
Abstract Presenter: Chun-Hsiang Yu, Yun-Lin, Taiwan, Province of China

14:56-15:03 PRESSURE-SUPPORT VENTILATION COMPARED TO PRESSURE-CONTROLLED VENTILATION IN EXPERIMENTAL EMPHYSEMA
Abstract Presenter: Gisele Padilha, Rio de Janeiro, Brazil

15:03-15:10 AUTOMATIC TUBE COMPENSATION (ATC) VERSUS PRESSURE SUPPORT VENTILATION (PSV) DURING WEANING FROM MECHANICAL VENTILATION
Abstract Presenter: Rania El-Sherif, Cairo, Egypt
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15:10-15:17 REDUCTION OF THE TIME SPENT ON WEANING OF TRACHEOSTOMIZED PATIENTS USING BILEVEL THROUGH A SPECIFIC PROTOCOL
Abstract Presenter: Fernanda Domingues, Sao Paulo, Brazil

15:17-15:24 EFFECTS OF POSITIVE END-EXPIRATORY PRESSURE (PEEP) ON THE PATTERN OF BREATHING DURING NEURALLY ADJUSTED VENTILATORY ASSIST. A PILOT STUDY IN A MILD ARDS PORCINE MODEL
Abstract Presenter: Mariangela Pellegrini, Bari, Italy

15:24-15:31 AUTOMATIC WEANING AND ASSESSMENT FUNCTION OF SBT WITH INTELLIVENT-ASV MODE IN POST-OPERATIVE PATIENTS OF ESOPHAGEAL CANCER
Abstract Presenter: Yozo Kashiwa, Suita-shi, Japan

15:31-15:38 PRESSURE CONTROL INVERSE RATIO VENTILATION AS A RESCUE THERAPY FOR SEVERE ACUTE RESPIRATORY DISTRESS SYNDROME
Abstract Presenter: Shinshu Katayama, Tokyo, Japan

14:00-14:07 WORKLOADS (WL) EVALUATION IN CRITICALLY ILL PATIENTS (CIP) ACCORDING TO THE NEEDS OF MECHANICAL VENTILATION (MV)
Abstract Presenter: Javier Ruiz Moreno, Barcelona, Spain

14:07-14:14 CORRELATION ANALYSIS OF NORTH AMERICAN NURSING DIAGNOSIS ASSOCIATION TO DIAGNOSIS RELATED GROUPS IN CRITICALLY ILL PATIENTS
Abstract Presenter: Javier Ruiz Moreno, Barcelona, Spain

14:14-14:21 ACUTE EFFECTS OF NOISE REDUCTION ON THE CLINICAL EVOLUTION OF MECHANICALLY VENTILATED PATIENTS
Abstract Presenter: Claudia Domínguez, Manresa, Spain

14:28-14:35 PATIENTS WITH ACUTE MYOCARDIAL INFARCTION WHO RECEIVE CARE IN THE EMERGENCY DEPARTMENT OBSERVATION UNIT DO NOT RESULT IN WORSE OUTCOMES THAN THOSE TREATED IN THE INTENSIVE CARE UNIT
Abstract Presenter: Jose Rubio Quiñones, Cadiz, Spain

14:35-14:42 APPLICATION OF A CONTINUOUS INTRAVASCULAR BLOOD GLUCOSE SENSOR TO A MICU PATIENT POPULATION
Abstract Presenter: Gopal Palepu, Hyderabad, India

14:42-14:49 AN AUDIT OF POST RESUSCITATION CARE ON THE INTENSIVE CARE UNIT
Abstract Presenter: Christopher Thorne, Birmingham, United Kingdom

14:49-14:56 PREOPERATIVE ACTIVITY OF DAILY LIVING (ADL) DOES NOT CORRELATE WITH PREOPERATIVE COGNITIVE FUNCTION, BUT DECLINES IN ASSOCIATION WITH POSTOPERATIVE DELIRIUM
Abstract Presenter: Ulf Guenther, Bonn, Germany

14:56-15:03 RE-LOCATION OF A CRITICAL CARE UNIT - SPECIFIC CHALLENGES AND PATIENT OUTCOMES
Abstract Presenter: Ruth Aoibheann O'Leary, Dublin, Ireland
15:03-15:10  SOCIO-ECONOMIC DEPRIVATION MAY BE INDEPENDENTLY ASSOCIATED WITH MORTALITY IN PATIENTS WITH MAJOR BURN INJURIES ADMITTED TO THE BURNS INTENSIVE CARE UNIT
Abstract Presenter: Olivia Clancy, London, United Kingdom

15:10-15:17  NO EXTRAORDINARY-LIFE-SUPPORT-MEASURES ORDER (ELSM) IN POSTICU PATIENTS: HIDDEN NO ELSM ORDER
Abstract Presenter: Pilar Martinez-Lopez, Malaga, Spain

15:17-15:24  INFECTION CONTROL IMPROVEMENT INITIATIVES IMPACT ON MORTALITY RATE AND LENGTH OF STAY (LOS) IN ICU
Abstract Presenter: Nino Butskhrikidze, Tbilisi, Georgia

15:24-15:31  UPTAKE AND IMPACT OF SMART INFUSION PUMP TECHNOLOGY IN A CARDIOTHORACIC INTENSIVE CARE UNIT THREE YEARS ON FROM ITS IMPLEMENTATION
Abstract Presenter: Snehal Shah, London, United Kingdom

15:31-15:38  EVALUATION OF THE RELATIONSHIP BETWEEN NUTRITIONAL INTAKE AND FUNCTIONAL INDEPENDENCE MEASURE IN THE CRITICALLY ILL PATIENTS
Abstract Presenter: Ione de Brito-Ashurst, London, United Kingdom

14:00-15:50  OPTIMISATION OF NUTRITION PRACTICES
Chair: Sergio Ruiz Santana, Las Palmas de Gran Canaria, Spain
Chair: Annika Reintam Blaser, Tartu, Estonia

14:00-14:07  ANALYSING THE EFFECT OF GUIDANCE AND EDUCATION ON ENTERAL NUTRITION INTERRUPTION
Abstract Presenter: Ian Barker, London, United Kingdom

14:07-14:14  ENERGY REQUIREMENTS IN SIRS, SEPSIS AND SEPTIC SHOCK. (PRELIMINARY STUDY)
Abstract Presenter: Militsa Bitzani, Thessaloniki, Greece

14:14-14:21  EARLY LACTATE AND GLUCOSE LEVELS AND SUBSEQUENT LIVER FAILURE AND MORTALITY IN CRITICALLY ILL PATIENTS
Abstract Presenter: Eva de Felice, Groningen, Netherlands

14:21-14:28  ENERGY EXPENDITURE IN CRITICALLY ILL MECHANICALLY VENTILATED PATIENTS CAN BE ACCURATELY CALCULATED FROM MEAN 24-H VENTILATOR-DERIVED VC02 AND NUTRITIONAL RQ
Abstract Presenter: Sandra Stapel, Amsterdam, Netherlands

14:28-14:35  COMPARISON OF RESTING ENERGY EXPENDITURE ESTIMATED USING PREDICTIVE EQUATIONS AND MEASURED USING INDIRECT CALORIMETRY IN CRITICALLY ILL PATIENTS
Abstract Presenter: Mark Lillelund Rousing, Aalborg, Denmark

14:35-14:42  A MODEL OF CHANGES IN ENERGY EXPENDITURE TO SPECIFY DAILY CALORIC INTAKE TARGETS IN SEPSIS AND TRAUMA PATIENTS
Abstract Presenter: Ulrike Pielmeier, Aalborg, Denmark

14:42-14:49  A PRECISE ESTIMATION OF CALORIC NEEDS OF OVERWEIGHT AND OBESE CRITICALLY ILL PATIENTS TO PREVENT OVERFEEDING AND UNDERFEEDING
Abstract Presenter: Miriam Theilla, Petah Tikva, Israel

14:49-14:56  ANALYSIS OF NUTRITIONAL PRACTICES AND ASSOCIATED OUTCOMES IN PATIENTS RECEIVING VASOPRESSORS. A STUDY OF THE CALNUCI (CALIDAD DE NUTRICIÓN EN LA UCI) WORKING GROUP
Abstract Presenter: Cecilia Inés Loudet, La Plata, Argentina
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<td><strong>NUTRITIONAL OUTCOMES IN THE MEDICAL INTENSIVE CARE UNIT</strong>&lt;br&gt;Abstract Presenter: Hicran Bektas, Antalya, Turkey</td>
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<td>15:03-15:10</td>
<td><strong>PREDICTION OF PROTEIN CATABOLISM WITHOUT USING 24-HOUR URINE COLLECTION UREA NITROGEN EXCRETION IN CRITICAL ILL PATIENTS</strong>&lt;br&gt;Abstract Presenter: Brenda González Carmona, Mexico, Mexico</td>
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<td><strong>WHICH NUTRITION SCREENING TOOL FOR THE ELDERLY CRITICALLY ILL PATIENT?</strong>&lt;br&gt;Abstract Presenter: Swagata Tripathy, Bhubaneswar, India</td>
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<td><strong>CURRENT STATUS OF STUDIES IN THE WORLD ABOUT OPTIMAL COMPOSITION OF THE AMINO ACID AND PROTEIN FOR ICU PATIENTS: SYSTEMATIC REVIEW</strong>&lt;br&gt;Abstract Presenter: Tamura Takahiko, Nankoku, Japan</td>
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<td><strong>NUTRITION CARE OF CRITICALLY ILL PATIENTS WITH LEUKEMIA: A RETROSPECTIVE REVIEW</strong>&lt;br&gt;Abstract Presenter: Kristen MacEachern, Toronto, Canada</td>
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#### Thematic Session, Barcelona

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<td><strong>NATIVE LUNG MANAGEMENT DURING ECMO</strong>&lt;br&gt;Chair: Antonio Pesenti, Monza, Italy&lt;br&gt;Chair: Laurent Papazian, Marseille, France</td>
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<td>14:15-14:30</td>
<td><strong>Native lung should be recruited? Yes</strong>&lt;br&gt;Speaker: Nicolo Patroniti, Lissone, Italy</td>
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<td><strong>Native lung should be recruited? No</strong>&lt;br&gt;Speaker: Kenneth Palmer, Stockholm, Sweden</td>
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<td>14:51-15:06</td>
<td><strong>Should patients breath spontaneously?</strong>&lt;br&gt;Speaker: Michael Quintel, Göttingen, Germany</td>
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<td>15:09-15:24</td>
<td><strong>Ventilation strategies during veno-arterial ECMO</strong>&lt;br&gt;Speaker: Alain Combes, Paris, France</td>
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<td><strong>Ventilation strategies during pediatric ECMO</strong>&lt;br&gt;Speaker: Dick Tibboel, Rotterdam, Netherlands</td>
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<td><strong>ICP THERAPY: TOWARDS A PREVENTIVE APPROACH?</strong>&lt;br&gt;Chair: Geert Meyfroidt, Leuven, Belgium&lt;br&gt;Chair: Mauro Oddo, Lausanne, Switzerland</td>
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<td><strong>Insights from the BEST Trip trial</strong>&lt;br&gt;Speaker: Nino Stocchetti, Milan, Italy</td>
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<td>14:33-14:48</td>
<td>Novel methods to predict ICP rise</td>
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<td>JOINT WITH EDTCO - END OF LIFE PRACTICES FOR DONOR OPTIMISATION</td>
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<td>An overview of end-of-life practices relevant to organ donation in Europe</td>
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<td>14:30-14:33</td>
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<td>Preservation of organ function in the donor after circulatory death</td>
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<td>Brain death and progressive organ dysfunction: Timing for donation and how to interfere?</td>
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<td>Elective ventilation: Ethics and practice</td>
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<td>15:24-15:27</td>
<td>Discussion</td>
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<tr>
<td>15:27-15:45</td>
<td>Should donation be mandatory?</td>
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<td>15:42-15:45</td>
<td>Discussion</td>
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<td>14:15-15:45</td>
<td>Joint Session, Rome</td>
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<td>14:15-15:45</td>
<td>Joint with SEMICYC - OPTIMAL ICU CARE: GET THE RIGHT TOOLS TO HIT TOP TARGETS</td>
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<td>14:15-14:30</td>
<td>PDMS is a mandatory tool</td>
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<td>14:30-14:33</td>
<td>Discussion</td>
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<td>14:33-15:06</td>
<td>Optimal calorie delivery in the critically ill</td>
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<td>14:33-14:51</td>
<td>Discussion</td>
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<tr>
<td>14:51-15:06</td>
<td>The challenge of implementing a national infection prevention programme in the ICU</td>
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<td>15:06-15:09</td>
<td>Discussion</td>
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<td>15:09-15:24</td>
<td>Defining relevant clinical outcomes in pediatrics</td>
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<td>15:24-15:27</td>
<td>Discussion</td>
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<tr>
<td>15:27-15:45</td>
<td>Do we need to innovate in critical care practice</td>
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<td>15:42-15:45</td>
<td>Discussion</td>
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<td>14:15-15:45</td>
<td>State of the Art Session, Stockholm</td>
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<td>14:15-15:45</td>
<td>ICU-ENVIRONMENT</td>
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<td>14:15-14:30</td>
<td>ICU-environment: Lessons learned from building a new ICU</td>
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<td>14:30-14:33</td>
<td>Discussion</td>
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<tr>
<td>14:33-14:48</td>
<td>Pro and con: Single rooms or open wards?</td>
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<td>14:48-14:51</td>
<td>Discussion</td>
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<tr>
<td>14:51-15:06</td>
<td>Lessons learned from the patient</td>
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<td>15:06-15:09</td>
<td>Discussion</td>
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<tr>
<td>15:09-15:24</td>
<td>Light and illumination: Effects on sleep and cognitive function</td>
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<td>15:24-15:27</td>
<td>Discussion</td>
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<tr>
<td>15:27-15:42</td>
<td>Terror on the ICU: Noise and noise reduction</td>
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<tr>
<td>15:42-15:45</td>
<td>Discussion</td>
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</tbody>
</table>

State of the Art Session, Geneva

14:15-15:45 NUTRITION AT THE EDGE
Chair: Michael Hiesmayr, Vienna, Austria
Chair: Adam Deane, Adelaide, Australia

14:15-14:30 The starting point: Timing and targets
Speaker: Sonja Fruhwald, Graz, Austria

14:30-14:33 Discussion

14:33-14:48 The amount of glucose
Speaker: Michaël Casear, Leuven, Belgium

14:48-14:51 Discussion

14:51-15:06 The amount and type of protein
Speaker: Juan Carlos Montejo Gonzales, Madrid, Spain

15:06-15:09 Discussion

15:09-15:24 The amount and type of lipid
Speaker: Pierre Singer, Petah Tiqva, Israel

15:24-15:27 Discussion

15:27-15:42 Dose adaptations in vitamins and micronutrients
Speaker: Mette Berger, Lausanne, Switzerland

15:42-15:45 Discussion

Continuous Professional Education Session, Paris

14:15-15:45 THREE PAPERS THAT CHANGED MY PRACTICE IN:
Chair: Derek Angus, Pittsburgh, United States
Chair: Alain Mercat, Angers, France
14:15-14:30  Setting PEEP
Speaker: Jesus Villar, Las Palmas de Gran Canaria, Spain
14:30-14:33  Discussion
14:33-14:48  VAP and VAP prevention
Speaker: Massimo Antonelli, Rome, Italy
14:48-14:51  Discussion
14:51-15:06  Drug therapy in ARDS patients
Speaker: John Laffey, Galway, Ireland
15:06-15:09  Discussion
15:09-15:24  Managing severe COPD exacerbations
Speaker: Jordi Mancebo Cortes, Barcelona, Spain
15:24-15:27  Discussion
15:27-15:42  Sedation of the ventilated patient
Speaker: Jean-Daniel Chiche, Paris, France
15:42-15:45  Discussion

Continuous Professional Education Session, Glasgow
14:15-15:45  RATIONAL USE OF ANTIFUNGALS
Chair: Jean-François Timsit, Paris, France
Chair: Philippe Eggimann, Lausanne, Switzerland
14:15-14:30  What does PK mean for antifungals?
Speaker: Jeffrey Lipman, Brisbane, Australia
14:30-14:33  Discussion
14:33-14:48  When to use antifungal prophylaxis?
Speaker: George Dimopoulos, Athens, Greece
14:48-14:51  Discussion
14:51-15:06  Diagnostic strategies and its challenges
Speaker: Philippe Eggimann, Lausanne, Switzerland
15:06-15:09  Discussion
15:09-15:24  Treating fungal infections in critical care
Speaker: José Artur Paiva, Porto, Portugal
15:24-15:27  Discussion
15:27-15:42  When conventional treatment fails...
Speaker: Philippe Montravers, Paris, France
15:42-15:45  Discussion

State of the Art Session, Amsterdam
14:15-15:45  LAWS: HELP OR HINDRANCE
Chair: Bara Ricou Arita, Geneva, Switzerland
Chair: Andrej Michalsen, Tettnang, Germany
### Scientific Programme

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<tr>
<td>14:15-14:30</td>
<td><strong>Laws that govern clinical research</strong>&lt;br&gt;Speaker: Julian Bion, Birmingham, United Kingdom</td>
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<tr>
<td>14:30-14:33</td>
<td><strong>Discussion</strong></td>
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<tr>
<td>14:33-14:48</td>
<td><strong>Laws that oblige treatment of untreatable patients</strong>&lt;br&gt;Speaker: Paul Hébert, Ottawa, Canada</td>
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<tr>
<td>14:48-14:51</td>
<td><strong>Discussion</strong></td>
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<tr>
<td>14:51-15:06</td>
<td><strong>Laws that direct the appointment of patients' proxies</strong>&lt;br&gt;Speaker: Bara Ricou Arita, Geneva, Switzerland</td>
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<tr>
<td>15:06-15:09</td>
<td><strong>Discussion</strong></td>
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<tr>
<td>15:09-15:24</td>
<td><strong>Laws that foster patient autonomy</strong>&lt;br&gt;Speaker: Andrej Michalsen, Tettnang, Germany</td>
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<tr>
<td>15:24-15:27</td>
<td><strong>Discussion</strong></td>
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<tr>
<td>15:27-15:42</td>
<td><strong>Laws that alter the expectations in a population</strong>&lt;br&gt;Speaker: Armand Girbes, Amsterdam, Netherlands</td>
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<tr>
<td>15:42-15:45</td>
<td><strong>Discussion</strong></td>
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**Thematic Session, NEXT Lounge**

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<tr>
<td>15:00-15:50</td>
<td><strong>NEXT - CHALLENGE</strong>&lt;br&gt;Chair: Manuel Eduardo Mendoza Ruano, Las Palmas de Gran Canaria, Spain</td>
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**Thematic Session, Barcelona**

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<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>16:00-18:00</td>
<td><strong>PRESIDENT’S SESSION: PUBLISHING AND ACCESSING INFORMATION TO IMPROVE ICU CARE</strong>&lt;br&gt;Chair: Jean-Daniel Chiche, Paris, France&lt;br&gt;Chair: Daniel De Backer, Brussels, Belgium</td>
</tr>
<tr>
<td>16:00-16:15</td>
<td><strong>Access to medical journals: A duty for scientific societies</strong>&lt;br&gt;Speaker: Jean-Daniel Chiche, Paris, France</td>
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<tr>
<td>16:15-16:20</td>
<td><strong>Discussion</strong></td>
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<td>16:20-16:35</td>
<td><strong>The promise of open access journals: An impossible rendez-vous</strong>&lt;br&gt;Speaker: Howard Bauchner, Boston, United States</td>
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<tr>
<td>16:35-16:40</td>
<td><strong>Discussion</strong></td>
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<td>16:40-16:55</td>
<td><strong>The virtual concept of the editorial line</strong>&lt;br&gt;Speaker: Elie Azoulay, Paris, France</td>
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<tr>
<td>16:55-17:00</td>
<td><strong>Discussion</strong></td>
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<tr>
<td>17:00-17:15</td>
<td><strong>RCTs: The shorter path from study to bedside to community?</strong>&lt;br&gt;Speaker: Derek Angus, Pittsburgh, United States</td>
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<tr>
<td>17:15-17:20</td>
<td><strong>Discussion</strong></td>
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<tr>
<td>17:20-17:35</td>
<td><strong>Can you speak my language?</strong>&lt;br&gt;Speaker: Jordi Mancebo Cortes, Barcelona, Spain</td>
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<tr>
<td>17:35-17:40</td>
<td><strong>Discussion</strong></td>
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</table>
17:40-17:55  21st century technology for an old problem: Get the information here & now!
Speaker: Peter Schellongowski, Vienna, Austria

17:55-18:00  Discussion

Thematic Session, Vienna

16:00-18:00  CLINICAL TRIALS IN THE ICU - CARDIOVASCULAR & PERIOPERATIVE INTENSIVE CARE
Chair: Jukka Takala, Bern, Switzerland
Chair: Sandra Peake, Adelaide, Australia

16:00-16:15  High-protein enteral nutrition enriched with immune-modulating nutrients vs standard high-protein enteral nutrition: A randomized clinical trial
Speaker: Zandrie Hofman, Utrecht, Netherlands

16:15-16:20  Discussion

16:20-16:35  A randomized trial of fenoldopam for the prevention and treatment of acute kidney injury after cardiac surgery
Speaker: Giovanni Landoni, Milan, Italy

16:35-16:40  Discussion

16:40-16:55  Liberal or restrictive transfusion strategy after cardiac surgery: The Transfusion Indication Threshold Reduction (TITRe 2) multi-centre randomized controlled trial. The TITRe2 Study
Speaker: Barney Reeves, Bristol, United Kingdom

16:55-17:00  Discussion

17:00-17:15  The HEROICS Study: Hemofiltration to rescue severe shock following cardiac surgery
Speaker: Alain Combes, Paris, France

17:15-17:20  Discussion

17:20-17:35  The PARAMEDIC trial
Speaker: Gavin Perkins, Coventry, United Kingdom

17:35-17:40  Discussion

17:40-17:55  Hydrocortisone for prevention of pneumonia in patients with severe traumatic brain injury (CORTI)
Speaker: Karim Asehnoune, Nantes, France

17:55-18:00  Discussion

Thematic Session, Berlin

16:00-18:00  INITIAL RESUSCITATION OF SEPSIS
Chair: Gernot Marx, Aachen, Germany
Chair: Richard Beale, London, United Kingdom

16:00-16:15  Fluids, how much and how long?
Speaker: Gernot Marx, Aachen, Germany

16:15-16:20  Discussion

16:20-16:35  Inotropes: For whom and which
Speaker: Djillali Annane, Garches, France
### Scientific Programme

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<td>Discussion</td>
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<td>16:40-16:55</td>
<td><strong>Vasopressors: Types and end points</strong></td>
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<td>Speaker: Daniel De Backer, Brussels, Belgium</td>
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<td>16:55-17:00</td>
<td>Discussion</td>
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<td>17:00-17:15</td>
<td><strong>Beta blockers?</strong></td>
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<td>Speaker: Bruno Levy, Vandoeuvre Les Nancy, France</td>
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<td>17:15-17:20</td>
<td>Discussion</td>
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<td>17:20-17:35</td>
<td><strong>AVP agonists</strong></td>
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<td>Speaker: Jean-Louis Vincent, Brussels, Belgium</td>
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<td>17:35-17:40</td>
<td>Discussion</td>
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<td>17:40-17:55</td>
<td><strong>When the above does not work?</strong></td>
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<td>Speaker: Konrad Reinhart, Jena, Germany</td>
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<td>17:55-18:00</td>
<td>Discussion</td>
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**Thematic Session, Athens**

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<td>16:00-18:00</td>
<td><strong>BEING ON THE RIGHT SIDE OF THE HEART</strong></td>
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<td>Chair: Didier Payen de la Garanderie, Paris, France</td>
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<td>Chair: Jean-Louis Teboul, Kremlin-Bicetre, France</td>
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<td>16:00-16:15</td>
<td><strong>Right heart physiology</strong></td>
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<td>Speaker: Didier Payen de la Garanderie, Paris, France</td>
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<td>16:15-16:20</td>
<td>Discussion</td>
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<tr>
<td>16:20-16:35</td>
<td><strong>Acute cor pulmonale</strong></td>
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<td>Speaker: Michael Pinsky, Pittsburgh, United States</td>
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<td>16:35-16:40</td>
<td>Discussion</td>
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<td>16:40-16:55</td>
<td><strong>Chronic cor pulmonale</strong></td>
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<td>Speaker: Paul Mayo, New York, United States</td>
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<td>16:55-17:00</td>
<td>Discussion</td>
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<td>17:00-17:15</td>
<td><strong>Cardiogenic shock and acute myocardial infarction</strong></td>
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<td>Speaker: Bernard Cholley, Paris, France</td>
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<td>17:15-17:20</td>
<td>Discussion</td>
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<td>17:20-17:35</td>
<td><strong>Severe pulmonary embolism</strong></td>
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<td>Speaker: Christoph Hofer, Zurich, Switzerland</td>
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<td>17:35-17:40</td>
<td>Discussion</td>
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<td>17:40-17:55</td>
<td><strong>Ventilation strategies during right heart failure</strong></td>
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<td>Speaker: Antoine Vieillard-Baron, Boulogne, France</td>
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<tr>
<td>17:55-18:00</td>
<td>Discussion</td>
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**Thematic Session, Rome**

**16:00-18:00** HOW TO IMPROVE ANTIMICROBIAL USE IN ICU?

Chair: Fabio Silvio Taccone, Brussels, Belgium  
Chair: Christian Brun-Buisson, Créteil, France

- **16:00-16:15** Appropriate choice of the molecules  
  Speaker: Ricard Ferrer Roca, Sabadell, Spain

- **16:15-16:20** Discussion

- **16:20-16:35** Adequate dosing  
  Speaker: Jeffrey Lipman, Brisbane, Australia

- **16:35-16:40** Discussion

- **16:40-16:55** How to use biomarkers  
  Speaker: George Dimopoulos, Athens, Greece

- **16:55-17:00** Discussion

- **17:00-17:15** A role for antibiotic stewardship  
  Speaker: José Artur Paiva, Porto, Portugal

- **17:15-17:20** Discussion

- **17:20-17:35** De-escalation: Does it happen and does it work?  
  Speaker: Jan De Waele, Ghent, Belgium

- **17:35-17:40** Discussion

- **17:40-17:55** Optimal treatment duration  
  Speaker: Jean-François Timsit, Paris, France

- **17:55-18:00** Discussion

**State of the Art Session, Stockholm**

**16:00-18:00** HOW TO MONITOR HAEMODYNAMICS

Chair: Maurizio Cecconi, London, United Kingdom  
Chair: Anders Perner, Copenhagen, Denmark

- **16:00-16:15** Haemodynamic monitoring: An overview  
  Speaker: Christoph Hofer, Zurich, Switzerland

- **16:15-16:20** Discussion

- **16:20-16:35** Predicting fluid responsiveness  
  Speaker: Xavier Monnet, Kremlin-Bicetre, France

- **16:35-16:40** Discussion

- **16:40-16:55** Evaluation of haemodynamic monitors  
  Speaker: Pierre Squara, Neuilly-sur-Seine, France

- **16:55-17:00** Discussion

- **17:00-17:15** Evidence-based medicine and monitoring: Live and let live  
  Speaker: Azriel Perel, Tel Aviv, Israel

- **17:15-17:20** Discussion

- **17:20-17:35** Monitoring arterial load: is it possible?  
  Speaker: Ignacio Monge Garcia, Jerez de la Frontera, Spain
17:35-17:40 Discussion
17:40-17:55 There is no need for any monitor
Speaker: Anders Perner, Copenhagen, Denmark
17:55-18:00 Discussion

State of the Art Session, Geneva

16:00-18:00 A FOCUS ON PATIENT SAFETY
Chair: Julian Bion, Birmingham, United Kingdom
Chair: Akos Csomos, Budapest, Hungary
16:00-16:15 The safe ICU: Dream and reality
Speaker: Bertrand Guidet, Paris, France
16:15-16:20 Discussion
16:20-16:35 Running morbidity and mortality rounds
Speaker: Hans Flaatten, Bergen, Norway
16:35-16:40 Discussion
16:40-16:55 How to minimise medication errors
Speaker: Andreas Valentin, Vienna, Austria
16:55-17:00 Discussion
17:00-17:15 The hidden problem: Diagnostic errors
Speaker: Rui Paulo Moreno, Lisbon, Portugal
17:15-17:20 Discussion
17:20-17:35 Workforce and infrastructure: A system error?
Speaker: Andrew Rhodes, London, United Kingdom
17:35-17:40 Discussion
17:40-17:55 A key issue: Safety climate
Speaker: Julian Bion, Birmingham, United Kingdom
17:55-18:00 Discussion

Thematic Session, Paris

16:00-18:00 HOW TECHNOLOGY CHANGED MY PRACTICE IN ?
Chair: Olaf Cremer, Utrecht, Netherlands
Chair: Theodoros Kyprianou, Nicosia, Cyprus
16:00-16:15 Acute respiratory failure
Speaker: Salvatore Maggiore, Rome, Italy
16:15-16:20 Discussion
16:20-16:35 Imaging of the thorax
Speaker: Max Jonas, Southampton, United Kingdom
16:35-16:40 Discussion
16:40-16:55 Acute brain injury
Speaker: Jan Claassen, New York, United States
16:55-17:00 Discussion
17:00-17:15 Acute kidney injury
   Speaker: Lui Forni, Worthing, United Kingdom
17:15-17:20 Discussion
17:20-17:35 Haemodynamic monitoring
   Speaker: Pierre Squara, Neuilly-sur-Seine, France
17:35-17:40 Discussion
17:40-17:55 ICU management
   Speaker: Theodoros Kyprianou, Nicosia, Cyprus
17:55-18:00 Discussion

Continuous Professional Education Session, Glasgow

16:00-18:00 COGNITIVE DYSFUNCTION AND DELIRIUM IN THE ICU
   Chair: Claudia Spies, Berlin, Germany
   Chair: Margaret Herridge, Toronto, Canada
16:00-16:15 Incidence and pathophysiology of acute and chronic cognitive dysfunction
   Speaker: Hannah Wunsch, New York, United States
16:15-16:20 Discussion
16:20-16:35 Scores and technical monitoring of delirium in the ICU
   Speaker: Arjen Slooter, Utrecht, Netherlands
16:35-16:40 Discussion
16:40-16:55 Intensive care unit environment and delirium
   Speaker: Claudia Spies, Berlin, Germany
16:55-17:00 Discussion
17:00-17:15 Steroids in preventing delirium and cognitive decline
   Speaker: Diederik van Dijk, Utrecht, Netherlands
17:15-17:20 Discussion
17:20-17:35 Non-pharmacological management of delirium
   Speaker: Christina Jones, Liverpool, United Kingdom
17:35-17:40 Discussion
17:40-17:55 Long-term cognitive impairment after critical illness
   Speaker: Margaret Herridge, Toronto, Canada
17:55-18:00 Discussion

State of the Art Session, Amsterdam

16:00-18:00 CARING FOR THE VENTILATED PATIENT
   Chair: Ruth Endacott, Plymouth, United Kingdom
   Chair: David Mcwilliams, Birmingham, United Kingdom
16:00-16:15 Avoiding complications during endotracheal suctioning
   Speaker: Dani Martí Romeu, Barcelona, Spain
Scientific Programme

16:15-16:20  Discussion
16:20-16:35  Assessment and cleaning the oral cavity  
Speaker: Stijn Blot, Ghent, Belgium
16:35-16:40  Discussion
16:40-16:55  Endotracheal tube management  
Speaker: Mireia Llaurado, Tarragona, Spain
16:55-17:00  Discussion
17:00-17:15  Physiotherapy to prevent and avoid VAP  
Speaker: David Mcwilliams, Birmingham, United Kingdom
17:15-17:20  Discussion
17:20-17:35  How to respond to ventilatory alarms?  
Speaker: Deborah Dawson, London, United Kingdom
17:35-17:40  Discussion
17:40-17:55  The power of speech in the ventilated patient  
Speaker: Jos Latour, Plymouth, United Kingdom
17:55-18:00  Discussion

18:10-19:20  FORGING THE FUTURE OF IC NURSING IN EUROPE & NETWORKING  
Chair: Stijn Blot, Ghent, Belgium
18:10-18:20  Update on INACTIC  
Speaker: Ruth Endacott, Plymouth, United Kingdom
18:20-18:30  Summaries of research papers  
Speaker: Silvia Calvino Günther, Grenoble, France
18:30-18:40  The status e-book for critical care nursing  
Speaker: Elsa Afonso, London, United Kingdom  
Speaker: Stijn Blot, Ghent, Belgium
18:40-18:50  DecubICUs study protocol  
Speaker: Sonia Labeau, Ghent, Belgium
18:50-19:00  MadMax protocol  
Speaker: Julie Benbenishty, Jerusalem, Israel
19:00-19:10  N&AHP abstracts in the congress & the process of submitting an abstract  
Speaker: Carole Boulanger, Exeter, United Kingdom
19:10-19:20  Question/answers for the whole committee & networking

18:15-19:15  LET’S TALK ABOUT INHALED ANTIBIOTICS - AN INTERACTIVE SYMPOSIUM  
Industry Chair: George Dimopoulos, Athens, Greece
Scientific Programme

Speaker
Industry Speaker: Tobias Welte, Hannover, Germany

Speaker
Industry Speaker: Jeffrey Lipman, Brisbane, Australia

Industry Sponsored Session, Rome
18:15-19:15 **THE POWER OF OPTIMISED CLINICAL NUTRITION**
Industry Chair: Mette Berger, Lausanne, Switzerland
Industry Chair: Annika Reintam Blaser, Tartu, Estonia

18:15-18:20 **Introduction**
Industry Speaker: Mette Berger, Lausanne, Switzerland

18:20-18:40 **Early and accurate nutrition support in the ICU patient**
Industry Speaker: Mette Berger, Lausanne, Switzerland

18:40-18:45 **Discussion**

18:45-19:05 **Glutamine – how to do it right**
Industry Speaker: Pierre Déchelotte, Rouen, France

19:05-19:10 **Discussion**

19:10-19:15 **Conclusion**
Industry Speaker: Mette Berger, Lausanne, Switzerland

Industry Sponsored Session, Stockholm
18:15-19:15 **KEY ELEMENTS IN A SUCCESSFUL MEDICAL DEVICE IMPLEMENTATION**
Industry Chair: Robert Shulman, London, United Kingdom

18:15-18:15 **Standardization in IV practice, Importance of formal implementation, Ensuring right resources, Training, Change management**
Industry Speaker: Paul T. Lee

Industry Sponsored Session, Geneva
18:15-19:15 **INVASIVE CANDIDIASIS AND MRSA NOSOCOMIAL PNEUMONIA IN THE ICU: LESSONS TO LEARN**
Industry Chair: Jean Chastre, Paris, France
Industry Chair: Antonio Torres, Barcelona, Spain

18:15-18:40 **Managing invasive candidiasis in clinical practice**
Industry Speaker: José Artur Paiva, Porto, Portugal

18:40-19:05 **Optimising diagnosis and antibiotic therapy for patients with MRSA nosocomial pneumonia**
Industry Speaker: Jean Chastre, Paris, France

19:05-19:15 **Conclusions and Q&A**
Industry Sponsored Session, Paris

18:15-19:15  **AKI BIOMARKERS: PRACTICAL APPLICATIONS**
Industry Chair: Eric Hoste, Ghent, Belgium
Industry Chair: Claudio Ronco, Vicenza, Italy

18:15-18:25  **Why biomarkers can be beneficial in managing AKI**
Industry Speaker: Claudio Ronco, Vicenza, Italy

18:25-18:45  **Validation of cell-cycle arrest biomarkers for AKI using clinical adjudication, cost and mortality associated with post-operative AKI**
Industry Speaker: Azra Bihorac, Gainesville, United States

18:45-18:55  **The NEPHROCHECK® test: urinary TIMP-2 and IGFBP7 as early biomarkers of AKI following cardiac surgery**
Industry Speaker: Alexander Zarbock, Münster, Germany

18:55-19:05  **The NEPHROCHECK® test: urinary TIMP-2 and IGFBP-7 and fluid overload**
Industry Speaker: Antonio Artigas, Barcelona, Spain

19:05-19:15  **Q&A**

Industry Sponsored Session, Glasgow

18:15-19:15  **BLEEDING CONTROL IN CRITICAL CARE: ROLE OF PCC IN NOAC REVERSAL AND CARDIAC SURGERY**
Industry Chair: Manuel Quintana, Madrid, Spain
Industry Chair: Dietmar Fries, Innsbruck, Austria

18:15-18:20  **Welcome & Introduction**
Industry Speaker: Manuel Quintana, Madrid, Spain

18:20-18:45  **Use of PCC in NOAC reversal - Clinical update**
Industry Speaker: James O'Donnell, Dublin, Ireland

18:45-19:10  **Bleeding after cardiac surgery - The role of PPCs**
Industry Speaker: Ravi Gill, Southampton, United Kingdom

19:10-19:15  **Discussion and concluding remarks**
Tuesday, 30. September 2014

Keynote Lecture, Barcelona

08:00-08:25  IMMUNE SURVEILLANCE IN CRITICAL ILLNESS
Chair: Geoffrey Bellingan, London, United Kingdom
08:00-08:25  Presentation
Speaker: Tom van der Poll, Amsterdam, Netherlands

Thematic Session, Barcelona

08:30-09:30  MICROCIRCULATION MANAGEMENT TO IMPROVE OUTCOME
Chair: Jan Bakker, Rotterdam, Netherlands
Chair: Didier Payen de la Garanderie, Paris, France
08:30-08:45  Fluids and blood products
Speaker: Can Ince, Amsterdam, Netherlands
08:45-08:50  Discussion
08:50-09:05  Vasopressors
Speaker: Daniel De Backer, Brussels, Belgium
09:05-09:10  Discussion
09:10-09:25  Inodilators
Speaker: Jan Bakker, Rotterdam, Netherlands
09:25-09:30  Discussion

Thematic Session, Vienna

08:30-09:30  IS ALL AKI EQUAL?
Chair: Lui Forni, Worthing, United Kingdom
Chair: Michael Joannidis, Innsbruck, Austria
08:30-08:45  Transient vs persistent AKI
Speaker: Michael Darmon, Saint-Etienne, France
08:45-08:50  Discussion
08:50-09:05  Septic vs non-septic AKI
Speaker: Heleen Oudemans-van Straaten, Amsterdam, Netherlands
09:05-09:10  Discussion
09:10-09:25  AKI in surgical patients
Speaker: Barbara Philips, London, United Kingdom
09:25-09:30  Discussion
Thematic Session, Berlin

08:30-09:30  **NEUROCONTROVERSIES: WHAT TYPE OF FLUID FOR THE INJURED BRAIN?**
Chair: Nino Stocchetti, Milan, Italy
Chair: Pedro Navarrete Navarro, Granada, Spain

08:30-08:45  **Chloride-rich vs balanced lactate-containing solutions**
Speaker: Jean-François Payen, Grenoble, France

08:45-08:50  **Discussion**

08:50-09:05  **Alternative fluid solutions (hypertonic lactate, ketones)**
Speaker: Mauro Oddo, Lausanne, Switzerland

09:05-09:10  **Discussion**

09:10-09:25  **Still a place for colloids?**
Speaker: David Menon, Cambridge, United Kingdom

09:25-09:30  **Discussion**

Thematic Session, Athens

08:30-09:30  **HAEMODYNAMIC OPTIMISATION IN HIGH RISK SURGERY**
Chair: Michael Sander, Berlin, Germany
Chair: Diederik van Dijk, Utrecht, Netherlands

08:30-08:45  **A review of the evidence**
Speaker: Mike Grocott, Southampton, United Kingdom

08:45-08:50  **Discussion**

08:50-09:05  **Lessons from optimise**
Speaker: Rupert Pearse, London, United Kingdom

09:05-09:10  **Discussion**

09:10-09:25  **Clinical vs cost effectiveness data**
Speaker: Maurizio Cecconi, London, United Kingdom

09:25-09:30  **Discussion**

Thematic Session, Rome

08:30-09:30  **TURBULENCES IN THE ICU**
Chair: Christina Jones, Liverpool, United Kingdom
Chair: Paulo Maia, Porto, Portugal

08:30-08:45  **Patient perception: The nightmare of intensive care**
Speaker: Christina Jones, Liverpool, United Kingdom

08:45-08:50  **Discussion**

08:50-09:05  **Family perception: Lack of information and empathy**
Speaker: Ruth Endacott, Plymouth, United Kingdom

09:05-09:10  **Discussion**

09:10-09:25  **Staff perception: Bullying and hierarchism**
Speaker: Christiane Hartog, Jena, Germany
09:25-09:30 Discussion

08:30-09:30 THE LIFE-PRIORITY SESSION
Chair: Jean-Daniel Chiche, Paris, France
Chair: Jozef Kesecioglu, Utrecht, Netherlands
08:30-08:45 A new questionnaire on quality of care: The Euro Q2
Speaker: Rik Gerritsen, Leeuwarden, Netherlands
08:45-08:50 Discussion
08:50-09:05 Families' perceptions: The environment of the ICU
Speaker: Jozef Kesecioglu, Utrecht, Netherlands
09:05-09:10 Discussion
09:10-09:25 Family tutors and navigators
Speaker: J. Randall Curtis, Seattle, United States
09:25-09:30 Discussion

08:30-08:45 Cardiovascular dynamics
Speaker: Antoine Vieillard-Baron, Boulogne, France
08:45-08:48 Discussion
08:48-09:03 RCT and systematic reviews
Speaker: Anders Perner, Copenhagen, Denmark
09:03-09:06 Discussion
09:06-09:21 My favorite 3 papers
Speaker: Margaret Herridge, Toronto, Canada
09:21-09:24 Discussion
09:24-09:30 Intensive Care: An external perspective
Speaker: Jozef Kesecioglu, Utrecht, Netherlands

08:30-08:45 Be aware of the difference - Physiologic changes in the elderly
Speaker: Stephen J. Brett, London, United Kingdom
08:45-08:50 Discussion
08:50-09:05  ICU admission criteria for the elderly - An unsolved question
Speaker: Charles Sprung, Jerusalem, Israel

09:05-09:10  Discussion

09:10-09:25  Outcome of the elderly ICU patient - Prediction and reality
Speaker: Bertrand Guidet, Paris, France

09:25-09:30  Discussion

08:30-09:30  LIVER
Chair: Julia Wendon, London, United Kingdom
Chair: Sonja Fruhwald, Graz, Austria

08:30-08:45  Ischaemic liver failure: Epidemiology and management
Speaker: Valentin Fuhrmann, Hamburg, Germany

08:45-08:50  Discussion

08:50-09:05  Cholestatic liver injury at the ICU
Speaker: Sergio Ruiz Santana, Las Palmas de Gran Canaria, Spain

09:05-09:10  Discussion

09:10-09:25  Secondary liver failure / Acute on chronic
Speaker: Julia Wendon, London, United Kingdom

09:25-09:30  Discussion

08:30-08:45  How bugs interact with the host
Speaker: Steve Opal, Pawtucket, United States

08:45-08:50  Discussion

08:50-09:05  Measurements in patients
Speaker: Adam Linder, Vancouver, Canada

09:05-09:10  Discussion

09:10-09:25  Antibiotics & the importance of the gut microbiome
Speaker: Christian Brun-Buisson, Créteil, France

09:25-09:30  Discussion

09:40-11:00  ABSTRACT AWARD WINNING SESSION
Chair: Jozef Kesecioglu, Utrecht, Netherlands
Chair: Jacques Duranteau, Kremlin-Bicetre, France
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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Abstract Presenter</th>
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<tr>
<td>09:40-10:00</td>
<td>VASOPRESSIN OR NOREpinePHRINE IN VASOpleGIC AFTER CARDIAC SURGERY (VANCS STUDY): A RANDOMIZED, DOUBLE-BLIND AND CONTROLLED STUDY</td>
<td>Ludhmila Hajjar, Sao Paulo, Brazil</td>
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<td>10:00-10:20</td>
<td>VITDAL@ICU: CORRECTION OF VITAMIN D DEFICIENCY IN CRITICALLY ILL PATIENTS - A RANDOMIZED PLACEBO-CONTROLLED TRIAL</td>
<td>Karin Amrein, Graz, Austria</td>
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<td>10:20-10:40</td>
<td>DELAY TO ADMISSION TO CRITICAL CARE AND MORTALITY AMONG DETERIORATING WARD PATIENTS IN 49 UK HOSPITALS - RESULTS FROM (SPOT)LIGHT: A MULTI-SITE, PROSPECTIVE, OBSERVATIONAL COHORT STUDY</td>
<td>Steve Harris, London, United Kingdom</td>
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<td>10:40-11:00</td>
<td>CYTOMEGALOVIRUS REACTIVATION IN CRITICALLY ILL PATIENTS WITH ACUTE RESPIRATORY DISTRESS SYNDROME</td>
<td>David Ong, Utrecht, Netherlands</td>
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<td>09:40-11:00</td>
<td><strong>RESPIRATORY ASSESSMENT &amp; MONITORING</strong></td>
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<td><strong>Chair:</strong> Giorgio Iotti, Pavia, Italy</td>
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<td><strong>Chair:</strong> Luciano Gattinoni, Milan, Italy</td>
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<td>09:40-09:55</td>
<td>CT-SCAN AND ULTRASOUND COMPARATIVE ASSESSMENT OF LUNG AERATION IN ARDS</td>
<td>Silvia Mongodi, Pavia, Italy</td>
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<td>09:55-10:10</td>
<td>HIGH-FLOW NASAL OXYGEN CANNULA VERSUS CONVENTIONAL OXYGEN THERAPY TO PREVENT POSTEXTUBATION LUNG AERATION LOSS: A MULTICENTRIC RANDOMIZED CONTROL LUNG ULTRASOUND STUDY</td>
<td>Sebastien Perbet, Clermont-Ferrand, France</td>
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<td>10:10-10:25</td>
<td>ULTRASOUND VERSUS ELECTRICAL THORACIC BIOIMPEDANCE TECHNIQUE IN ASSESSMENT OF EXTRAVASCULAR LUNG WATER AND CARDIAC PERFORMANCE DURING WEANING FROM MECHANICAL VENTILATION</td>
<td>Dina Zidan, Alexandria, Egypt</td>
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<td>10:25-10:40</td>
<td>AGE AND LIMB WEAKNESS ARE ASSOCIATED WITH WEAK COUGH AT EXTUBATION</td>
<td>Pascal Beuret, Roanne, France</td>
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<td>10:40-10:55</td>
<td>SURFACE EMG OF EXTRA-DIAPHRAGMATIC MUSCLES CAN ASSESS MUSCLE UNLOADING DURING NEURALLY ADJUSTED VENTILATORY SUPPORT</td>
<td>Peter Somhorst, Rotterdam, Netherlands</td>
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<td>09:40-11:00</td>
<td><strong>NEW FINDINGS IN CARDIOVASCULAR DYNAMICS</strong></td>
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<td><strong>Chair:</strong> Antoine Vieillard-Baron, Boulogne, France</td>
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<td><strong>Chair:</strong> Jean-Louis Teboul, Kremlin-Bicetre, France</td>
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<td>09:40-09:55</td>
<td>SYSTEMIC DYSREGULATION OF THE ANGIOPoIETIN-1/2 SYSTEM IN ADULTS UNDERGOING CARDIOPULMONARY BYPASS (CBP)</td>
<td>Emmanuel Charbonney, Montréal, Canada</td>
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<td>09:55-10:10</td>
<td>CORRELATION BETWEEN RENAL DOPPLER RESISTIVE INDEX AND SVO2 IN EARLY POST-OPERATIVE CARDIAC SURGERY PATIENTS</td>
<td>Antonella Vezzani, Parma, Italy</td>
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10:10-10:25  EARLY PERIPHERAL PERFUSION TARGETED FLUID THERAPY LEADS TO LESS FLUID ADMINISTRATION IN PATIENTS WITH SEPTIC SHOCK: A PROSPECTIVE RANDOMIZED CONTROLLED TRIAL  
Abstract Presenter: Michel van Genderen, Rotterdam, Netherlands

10:25-10:40  VA ECMO IN THE MANAGEMENT OF NON-SURGICAL PATIENTS WITH CARDIOGENIC SHOCK AND CARDIAC ARREST  
Abstract Presenter: Petr Ostadal, Prague, Czech Republic

10:40-10:55  DISSOCIATION OF SUBLINGUAL AND GUT MICROCIRCULATION IN SEPTIC PATIENTS  
Abstract Presenter: Arnaldo Dubin, La Plata, Argentina

Oral Presentations, Athens

09:40-11:00  FUNGAL INFECTIONS  
Chair: Ricard Ferrer Roca, Sabadell, Spain  
Chair: Jan De Waele, Ghent, Belgium

09:40-09:55  CANDIDA INFECTION IN NON-NEUTROPENIC ICU PATIENTS: VALUE OF (1,3)-B-D-GLUCAN AND CANDIDA ALBICANS GERM TUBE ANTIBODIES  
Abstract Presenter: Ana Loza, Seville, Spain

09:55-10:10  CONCENTRATIONS OF MICAFUNGIN 100 MG DAILY IN PLASMA AND BURN ESCHARES IN CRITICALLY ILL PATIENTS WITH SEVERE BURN INJURIES  
Abstract Presenter: Manuel Sánchez Sánchez, Madrid, Spain

10:10-10:25  EVOLUTION OF ANTIFUNGAL DRUGS USE IN SPANISH INTENSIVE CARE UNITS THROUGH THE YEARS. DATA FROM 2006-2013 ENVIN-HELICS REGISTRY  
Abstract Presenter: Pedro Olaechea, Galdakao, Spain

10:25-10:40  IMPACT OF ANTIFUNGAL PRESCRIPTION ON THE MAIN CANDIDA SPECIES IN THE ICU - EVOLUTION AND TRENDS OVER 10 YEARS  
Abstract Presenter: Sébastien Bailly, Grenoble, France

10:40-10:55  EMERGENCE OF AZOLE-RESISTANT ASPERGILLUS IN THE ICU  
Abstract Presenter: Astrid in t Veld - van Wingerden, Leiden, Netherlands

Oral Presentations, Rome

09:40-11:00  MANAGEMENT OF SEPSIS  
Chair: Bernardo Bollen Pinto, London, United Kingdom  
Chair: Jean Carlet, Paris, France

09:40-09:55  THE ADMIN-ICU SURVEY: A SURVEY ON ANTIMICROBIALS DOSING AND MONITORING STRATEGIES IN INTENSIVE CARE UNITS  
Abstract Presenter: Alexis Tabah, Brisbane, Australia

09:55-10:10  CRITICAL CARE MANAGEMENT OF SEPSIS: A COST-ANALYSIS FROM A HEALTH CARE PERSPECTIVE  
Abstract Presenter: Marlies Koster-Brouwer, Utrecht, Netherlands

10:10-10:25  HYPOTENSIVE VERSUS NON HYPOTENSIVE COMMUNITY ACQUIRE SEVERE SEPSIS: IMPLICATIONS FOR THE DETECTION, TIME TO THERAPEUTIC MANAGEMENT AND PROGNOSIS  
Abstract Presenter: Juan Méndez, Mataró-Barcelona, Spain
10:25-10:40 
**EARLY PROCALCITONIN KINETICS MAY INDICATE EFFECTIVENESS OF THE EMPIRICAL ANTIBIOTIC THERAPY IN SEPSIS WITHIN HOURS**
Abstract Presenter: Domonkos Trásy, Szeged, Hungary

10:40-10:55 
**INFLUENCE OF HOSPITAL ENTRANCE TIME AND CLINICAL PRESENTATION ON PROCESS INDICATORS AND OUTCOME IN SEVERE SEPSIS AND SEPTIC SHOCK PATIENTS**
Abstract Presenter: Rafael Zaragoza, Valencia, Spain

**Oral Presentations, Stockholm**

09:40-11:00 
**RESPIRATORY DYSFUNCTION IN SEPSIS**
Chair: Alain Mercat, Angers, France
Chair: Jordi Rello, Barcelona, Spain

09:40-09:55 
**CYTOMEGALOVIRUS SEROPREVALENCE AS A RISK FACTOR FOR POOR OUTCOME IN ACUTE RESPIRATORY DISTRESS SYNDROME**
Abstract Presenter: David Ong, Utrecht, Netherlands

09:55-10:10 
**INCIDENCE, OUTCOMES AND RISK FACTORS ASSOCIATED WITH THE DEVELOPMENT OF ACUTE LUNG INJURY AND ACUTE RESPIRATORY DISTRESS SYNDROME IN PATIENTS WITH SEVERE SEPSIS AND SEPTIC SHOCK ADMITTED TO ICU. RESULTS OF A SPANISH MULTICENTER STUDY**
Abstract Presenter: Rubén Herrán Monge, Valladolid, Spain

10:10-10:25 
**CHANGES OF INDUCED SPUTUM AND PLASMA STREM-1, TNF-α AND IL-10 LEVELS IN PATIENTS WITH SEVERE PNEUMONIA**
Abstract Presenter: Zhaoxia Tang, Guangzhou, China

10:25-10:40 
**CEREBRAL EFFECTS OF LATERAL TRENDELENBURG VS SEMIRECUMBENT POSITION IN AN EXPERIMENTAL MODEL OF VENTILATOR-ASSOCIATED PNEUMONIA**
Abstract Presenter: Josefina López-Aguilar, Sabadell, Spain

10:40-10:55 
**SEVERE ACUTE RESPIRATORY INFECTION IN THE 2013-14 EPIDEMIC INFLUENZA PERIOD**
Abstract Presenter: Leonel Lagunes, Barcelona, Spain

**Oral Presentations, Geneva**

09:40-11:00 
**NUTRITION: THE BEST NEW MIXTURE**
Chair: Kenneth Christopher, Boston, United States
Chair: Pierre Singer, Petah Tiqva, Israel

09:40-09:55 
**INCREASING CALORIE CONTENT SLOWS GASTRIC EMPTYING IN THE CRITICALLY ILL**
Abstract Presenter: Mark Plummer, Adelaide, Australia

09:55-10:10 
**NUTRITION DAY ICU: 9,777 CRITICALLY ILL PATIENTS NUTRITIONAL PROFILE WORLD WIDE**
Abstract Presenter: Itai Ben David, Petah Tikva, Israel

10:10-10:25 
**INITIAL DERIVATION AND VALIDATION OF THE LIFE (LIVER INJURY FAILURE EVALUATION) SCORE TO PREDICT OUTCOME IN CRITICALLY ILL PATIENTS**
Abstract Presenter: Kenneth Christopher, Boston, United States

10:25-10:40 
**NECROSIS AND APOPTOSIS IN LIVER, SPLEEN, PANCREAS, KIDNEY AND INTESTINAL TISSUE INDUCED BY INTRA-ABDOMINAL HYPERTENSION IN A PORCINE MODEL. SECOND PART OF AN EXPERIMENTAL STUDY**
Abstract Presenter: Juan Buensuseso Alfaro, Mexico, Mexico
10:40-10:55  CIRCULATING MITOCHONDRIAL DNA AND VITAMIN D IN CRITICAL ILLNESS  
Abstract Presenter: Kenneth Christopher, Boston, United States

Oral Presentations, Paris

09:40-11:00  HAEMODYNAMIC MANAGEMENT OF THE SURGICAL PATIENT  
Chair: Michael Sander, Berlin, Germany  
Chair: Yasser Sakr, Jena, Germany

09:40-09:55  THE EFFECT OF A “PREEMPTIVE PEEP STRATEGY” ON THE ENHANCE OF OXYGENATION AND RESPIRATORY MECHANIC IN OBESE PATIENTS DURING GENERAL ANESTHESIA WITH TRENDELENBURG POSITION AND PNEUMOPERITONEUM: THE OPERA STUDY  
Abstract Presenter: Pierpaolo Terragni, Turin, Italy

09:55-10:10  GOAL-DIRECTED RESUSCITATION IN HIGH-RISK PATIENTS UNDERGOING CARDIAC SURGERY (GRICS) - A RANDOMISED CONTROLLED TRIAL  
Abstract Presenter: Eduardo Osawa, Sao Paulo, Brazil

10:10-10:25  A PRAGMATIC MULTI-CENTRE TRIAL ON INTRAOPERATIVE FLUID MANAGEMENT USING PULSE PRESSURE VARIATION IN HIGH-RISK PATIENTS  
Abstract Presenter: Luiz Marcelo Malbouisson, Sao Paulo, Brazil

10:25-10:40  HIGH CENTRAL VENOUS SATURATION IS ASSOCIATED WITH INCREASED MORTALITY AND ORGAN FAILURE AFTER CARDIAC SURGERY  
Abstract Presenter: Felix Balzer, Berlin, Germany

10:40-10:55  THE EFFECT OF PREOPERATIVE EXERCISE ON POSTOPERATIVE OUTCOME IN ABDOMINAL AORTIC ANEURYSM (AAA) PATIENTS: PILOT STUDY  
Abstract Presenter: Katharine Richardson, Gillingham, United Kingdom

Oral Presentations, Glasgow

09:40-11:00  THE ICU TEAM IN ITS ENVIRONMENT  
Chair: Akos Csomos, Budapest, Hungary  
Chair: Ruth Endacott, Plymouth, United Kingdom

09:40-09:55  HANDOVERS IN THE ICU: INTEROBSERVER AGREEMENT ON DIAGNOSIS AND GOALS BETWEEN DAYTIME AND NIGHTTIME INTENSIVISTS  
Abstract Presenter: Mariana Dutra, Sao Paulo, Brazil

09:55-10:10  IMPACT OF RESIDENT TURNOVER ON MORBI-MORTALITY OF CRITICALLY ILL PATIENTS - A RETROSPECTIVE STUDY OF THE CUB-REA DATABASE  
Abstract Presenter: Romain Pirracchio, Paris, France

10:10-10:25  SURFACES AND AMBIENT AIR DECONTAMINATION STUDY IN THE ENVIRONMENT OF AN ICU, USING A PORTABLE UVGI DEVICE  
Abstract Presenter: Dimitrios Sidiras, St Leonards on Sea, United Kingdom

10:25-10:40  QUANTIFYING THE NON ICU COMPONENT OF THE WORKLOAD OF ICU NURSES AND DOCTORS  
Abstract Presenter: Shrijit Nair, Dublin, Ireland

10:40-10:55  COMMUNICATION WITH PRIMARY CARE: COMPARISON OF INFORMATION IN ICU & HOSPITAL DISCHARGE SUMMARIES  
Abstract Presenter: Judith Highgate, Brighton, United Kingdom
Scientific Programme

Oral Presentations, Amsterdam

09:40-11:00  **CLINICAL ADVANCES IN NURSING & PHYSIOTHERAPY PRACTICE**
Chair: David Mcwilliams, Birmingham, United Kingdom
Chair: Carole Boulanger, Exeter, United Kingdom

09:40-09:55  **NURSE DRIVEN USER GUIDE TO THERAPEUTIC HYPOTHERMIA**
Abstract Presenter: Barbara McLean, Atlanta, United States

09:55-10:10  **SCREAM OR SMILE - STRESS MANAGEMENT AMONGST CRITICAL CARE NURSES**
Abstract Presenter: Milena Georgieva, London, United Kingdom

10:10-10:25  **THE OXYGEN COST OF REHABILITATION IN ICU**
Abstract Presenter: Claire Black, London, United Kingdom

10:25-10:40  **IS IT SAFE TO MOBILISE PATIENTS ON AN ADULT INTENSIVE CARE UNIT WHO REQUIRE CONTINUOUS INOTROPE AND/OR VASOPRESSOR INFUSIONS?**
Abstract Presenter: Huw Woodbridge, London, United Kingdom

10:40-10:55  **IS THE FIM+FAM A USEFUL OUTCOME MEASURE IN LONG-TERM CRITICAL CARE FOLLOW UP?**
Abstract Presenter: Gemma Pound, London, United Kingdom

10:10-11:10  Thematic Session, NEXT Lounge

10:10-11:10  **NEXT - DEBATE**
Chair: Peter Schellongowski, Vienna, Austria

10:10-11:10  Communication training: What, how and when?
Speaker: Andrej Michalsen, Tettnang, Germany
Speaker: Charles Sprung, Jerusalem, Israel
Speaker: Hans Flaatten, Bergen, Norway

10:10-12:00  Poster Corner, Poster Corner

10:10-12:00  **CARDIOVASCULAR DYNAMICS: EXPERIMENTAL STUDIES**
Chair: Can Ince, Amsterdam, Netherlands
Chair: Shivakumar Iyer, Pune, India

10:10-10:17  **EFFECTS OF NOREPINEPHRINE ON TISSUE PERFUSION IN A SHEEP MODEL OF INTRAABDOMINAL HYPERTENSION**
Abstract Presenter: Arnaldo Dubin, La Plata, Argentina

10:17-10:24  **PRAVASTATIN EXERTS OPPOSITE EFFECTS ON SPLANCHNIC MICROCIRCULATORY OXYGENATION DURING SHAM OR SEPTIC CONDITIONS IN AN ANIMAL MODEL OF POLYMICROBIAL SEPSIS**
Abstract Presenter: Christopher Beck, Duesseldorf, Germany

10:24-10:31  **IMPACT OF ARTERIAL TONE CHANGES ON DYNAMIC ARTERIAL ELASTANCE AND THE ARTERIAL PRESSURE RESPONSE TO FLUID ADMINISTRATION**
Abstract Presenter: Manuel Ignacio Monge García, London, United Kingdom

10:31-10:38  **USEFULNESS OF THE CENTRAL VENOUS-TO-ARTERIAL CARBON DIOXIDE DIFFERENCE (CVACO2 GAP) AND THE CVACO2/ARTERIAL-VENOUS OXYGEN CONTENT DIFFERENCE RATIO (CVACO2 GAP/CAVO2 RATIO) IN THE HEMODYNAMIC RESUSCITATION PROCESS IN SEPTIC SHOCK**
Abstract Presenter: Paula Saludes, Sabadell, Spain
10:38-10:45  METABOLIC ACIDOSIS INDUCED BY HAEMORRHAGE AND HYDROCHLORIC ACID GENERATES DIFFERENT CARDIORESPIRATORY RESPONSES
Abstract Presenter: Giovanni Sabbatini, London, United Kingdom

10:45-10:52  REELIN MEDIATES THE HUMAN NEUTROPHIL PEPTIDE-INDUCED ENDOTHELIAL DYSFUNCTION AND PLATELET AGGREGATION
Abstract Presenter: Alice Ai Li Luo, Toronto, Canada

10:52-10:59  LEFT VENTRICULAR PERFORMANCE IS SIGNIFICANTLY AFFECTED BY INCREASING EXTRACORPOREAL BLOOD FLOW ON VA ECMO
Abstract Presenter: Petr Ostadal, Prague, Czech Republic

10:59-11:06  QUANTITATING GRANULOCYTE REACTIVE OXYGEN SPECIES PRODUCTION BY FLOW CYTOMETRY IN A CLINICAL SETTING
Abstract Presenter: Bob Smit, Amsterdam, Netherlands

11:06-11:13  PLASMA «DRUG» OF CARDIOVASCULAR DYSFUNCTION IN THE RAT MODEL OF HEMORRHAGIC SHOCK
Abstract Presenter: Nacira Sennoun, Vandoeuvre-lès-Nancy, France

11:13-11:20  THE RELATION BETWEEN INTESTINAL INTRAMUCOSAL PH AND STRESS HORMONES IN PIG HEMORRHAGIC SHOCK MODEL
Abstract Presenter: Masayasu Arai, Sagamihara, Japan

11:20-11:27  EFFECTS OF FLUID THERAPY ON BLOOD LOSS AND COAGULATION IN CARDIAC SURGERY
Abstract Presenter: Belinda Montalban Moreno, Albacete, Spain

11:27-11:34  SEVERE HYPOTERMIA AND THE QT INTERVAL
Abstract Presenter: Axel Kleinsasser, Innsbruck, Austria

11:34-11:41  ALTERED ELECTRICAL ACTIVITY OF THE HEART IN PIGS DURING APNOEA
Abstract Presenter: Claus G. Krenn, Vienna, Austria

11:41-11:48  AN INHIBITOR OF PRO-INFLAMMATORY ENZYME SOLUBLE EPOXIDE HYDROLASE IMPROVES HIPPOCAMPUS DEPENDENT MEMORY FUNCTION AFTER CARDIAC ARREST AND CARDIO-PULMONARY RESUSCITATION IN MICE
Abstract Presenter: Tetsuhiro Fujiyoshi, Fukuoka, Japan

Poster Corner, Poster Corner

10:10-12:00  SEPSIS PROGNOSIS I
Chair: Steve Opal, Pawtucket, United States

10:10-10:17  EARLY FERRITIN LEVELS, CD56+ PERCENTAGE AND HLA-DR EXPRESION ACTING AS PROGNOSTIC FACTORS IN PATIENTS WITH INFLUENZA A VIRUS PNEUMONIA
Abstract Presenter: Francisco Valenzuela Sanchez, Jerez de la Frontera, Spain

10:17-10:24  “REANET”, INTERNET UTILIZATION AMONG SURROGATES OF CRITICALLY ILL PATIENTS WITH SEPSIS
Abstract Presenter: Yên Lan Nguyen, Paris, France

10:24-10:31  IMMUNOGLOBULIN G CONCENTRATIONS AND OUTCOMES IN CRITICALLY ILL ADULTS WITH SEPSIS: A SYSTEMATIC REVIEW
Abstract Presenter: Manu Shankar-Hari, London, United Kingdom

10:31-10:38  PREDICTORS OF MORTALITY IN PATIENTS WITH SEVERE SECONDARY PERITONITIS
Abstract Presenter: Roberto Jiménez, Cartagena, Spain
10:38-10:45  DIFFERENCES IN SEPTIC SHOCK MANAGEMENT AND OUTCOMES BETWEEN DIFFERENT EUROPEAN ICUS  
Abstract Presenter: Sara Calcinaro, London, United Kingdom

10:45-10:52  TRENDS IN INCIDENCE AND HOSPITAL OUTCOMES AMONG PATIENTS WITH SEVERE SEPSIS IN CATALONIA DURING THE 2008-2012 PERIOD  
Abstract Presenter: Juan Carlos Yébenes, Mataro, Spain

10:52-10:59  RELATIONS BETWEEN STATIN USE AND DEATH IN GRAM-NEGATIVE AND GRAM-POSITIVE BLOODSTREAM INFECTION: A PROSPECTIVE OBSERVATIONAL STUDY  
Abstract Presenter: Arne Mehl, Levanger, Norway

10:59-11:06  ASSOCIATION OF TIME TO RESOLUTION OF SEVERE SEPSIS AND IN-HOSPITAL MORTALITY AMONG ADULT ICU PATIENTS  
Abstract Presenter: Alexander Vengerovsky, Rochester, United States

11:06-11:13  CONSTRUCTION AND ANALYSIS OF EARLY PREDICTION MODEL OF SEPSIS: A RETROSPECTIVE CLINICAL STUDY  
Abstract Presenter: Li Tong, Guangzhou, China

11:13-11:20  OCCULT ADRENAL INSUFFICIENCY IN PATIENTS WITH SEPTIC SHOCK AND THE PROGNOSTIC VALUE OF A SHORT CORTICOTROPHIN STIMULATION TEST  
Abstract Presenter: Moamen Arafa, Cairo, Egypt

11:20-11:27  TIMING AND CAUSES OF DEATHS IN SEPTIC SHOCK  
Abstract Presenter: Fabrice Daviaud, Paris, France

11:27-11:34  SEPTIC SHOCK COMPLICATING INTENSIVE CARE UNIT-ACQUIRED PNEUMONIA DRastically WORSENS PATIENT OUTCOMES AND SURVIVAL  
Abstract Presenter: Marco Carbonara, Barcelona, Spain

11:34-11:41  EFFECT OF EARLY INTERVENTION AND EARLY ICU ADMISSION ON ACUTE INTRA-ABDOMINAL SEPSIS  
Abstract Presenter: Kin Bong Tang, Hong Kong, Hong Kong, China

11:41-11:48  QRS DURATION AS A PROGNOSTICATOR OF ICU SEPSIS MORTALITY  
Abstract Presenter: Fariborz Rezai, Livingston, United States

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10:10-12:00  CATHETER-RELATED INFECTIONS  
Chair: Christian Brun-Buisson, Créteil, France  
Chair: Sergio Ruiz Santana, Las Palmas de Gran Canaria, Spain

10:10-10:17  ENTEROBACTERIACEAE BACTEREMIA (EB) IN THE EMERGENCY ROOM: EXTENDED SPECTRUM BETA LACTAMASE-PRODUCING ENTEROBACTERIACEAE (ESBL-PE) PREVALENCE, AND HOSPITAL OUTCOME. THE BACTERCOM PROSPECTIVE STUDY GROUP  
Abstract Presenter: Jean-Ralph Zahar, Angers, France

10:17-10:24  IMPACT OF THE ARTERIAL STABILIZATION DEVICE ON THE INCIDENCE OF ARTERIAL CATHETER-RELATED BLOODSTREAM INFECTIONS AND CATHETER-RELATED COMPLICATIONS IN ICU  
Abstract Presenter: Emiko Nakataki, Tokushima, Japan

10:24-10:31  ÉPICO 2.0 PROJECT. DEVELOPMENT OF AN EDUCATIONAL THERAPEUTIC RECOMMENDATIONS USING THE DELPHI TECHNIQUE ON INVASIVE CANDIDIASIS IN CRITICALLY ILL ADULT PATIENTS  
Abstract Presenter: Rafael Zaragoza, Valencia, Spain
10:31-10:38  HEALTHCARE ASSOCIATED BLOOD STREAM INFECTIONS IN CRITICALLY ILL PATIENTS: DESCRIPTIVE CROSS-SECTIONAL DATABASE STUDY EVALUATING CONCORDANCE WITH CLINICAL SITE INFECTIONS  
Abstract Presenter: Nick Culshaw, London, United Kingdom

10:38-10:45  PREDICTING BACTERAEMIA - A VALIDATION STUDY OF CURRENT BACTERAEMIA PREDICTION TOOLS  
Abstract Presenter: Luke Hodgson, Worthing, United Kingdom

10:45-10:52  PERIPHERALLY-INSERTED CENTRAL CATHETERS PLACED IN THE ICU  
Abstract Presenter: Ana Loza, Seville, Spain

10:52-10:59  PREVALENCE OF CENTRAL LINE-ASSOCIATED BLOODSTREAM INFECTIONS IN GREEK INTENSIVE CARE UNITS-THE BACT.GR STUDY  
Abstract Presenter: Evangelos Papadomichelakis, Athens, Greece

10:59-11:06  SUSTAINED LOW RATE OF CATHETER-RELATED INFECTIONS BY REPEATED MULTIDISCIPLINARY INTERVENTIONS  
Abstract Presenter: Christina Agvald-Öhman, Stockholm, Sweden

11:06-11:13  REDUCING CATHETER RELATED BLOODSTREAM INFECTION WITH CENTRAL VENOUS CATHETER COATING: A SYSTEMATIC REVIEW  
Abstract Presenter: Samuel Kennedy, Bristol, United Kingdom

11:13-11:20  RISK FACTORS ASSOCIATED WITH CENTRAL CATHETER INFECTIONS INSERTED IN INTENSIVE CARE UNIT (ICU) IN A DISTRICT HOSPITAL  
Abstract Presenter: Blanca Sosa, Villajoyosa, Spain

11:20-11:27  FUNGAEMIA CAUSES, OUTCOME AND PREDICTORS OF SURVIVAL IN NON-NEUTROPENIC PATIENTS IN A GENERAL 12-BED ICU IN GREECE  
Abstract Presenter: Vasiliki Tsolaki, Larisa, Greece

11:27-11:34  ICU-ACQUIRED BACTEREMIAS SECONDARY TO OTHER FOCI (BSOF). DIFFERENCES ACCORDING TO THE SITE OF INFECTION  
Abstract Presenter: Mercedes Palomar, Barcelona, Spain

11:34-11:41  DAPTOMYCIN IN PREVENTION OF BACTERIEMIA ASSOCIATED TO CENTRAL VENOUS CATHETER (CVC) DURING REPLACEMENT  
Abstract Presenter: Andres Villasboa, Barcelona, Spain

11:41-11:48  CENTRAL LINE-ASSOCIATED BLOODSTREAM INFECTIONS IN GREEK INTENSIVE CARE UNITS (THE BACT.GR STUDY): PATHOGENS AND ANTIBIOTIC RESISTANCE PATTERNS  
Abstract Presenter: Pavlos Myrianthefs, Athens, Greece

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10:10-12:00  RISK FACTORS OF AKI & OUTCOME  
Chair: Anne-Cornélie de Pont, Amsterdam, Netherlands  
Chair: John Prowle, London, United Kingdom

10:10-10:17  A PROSPECTIVE STUDY TO EXAMINE THE TIMING AND ACCURACY OF NEUTROPHIL GELATINASE- ASSOCIATED LIPOCALIN IN PREDICTING ACUTE KIDNEY INJURY IN HIGH RISK CARDIAC SURGICAL PATIENTS  
Abstract Presenter: Niall Fanning, Auckland, New Zealand

10:17-10:24  INFLUENCE OF POSTOPERATIVE ACUTE KIDNEY INJURY ON LONG-TERM OUTCOME IN CARDIAC SURGERY PATIENTS WITH NORMAL PREOPERATIVE RENAL FUNCTION. A RISK FACTOR ANALYSIS  
Abstract Presenter: María Riera, Palma de Mallorca, Spain
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<td>10:24-10:31</td>
<td><strong>FLUID BALANCE AND BIOMARKERS OF ACUTE KIDNEY INJURY</strong></td>
<td>Antonio Artigas, Barcelona, Spain</td>
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<td><strong>INCIDENCE AND RISK FACTORS IN SEPTIC RELATED ACUTE KIDNEY INJURY</strong></td>
<td>Nelson Betancour-Zambrano, Barcelona, Spain</td>
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<td><strong>LONG-TERM OUTCOME IN PATIENTS WITH ACUTE KIDNEY DYSFUNCTION AT ICU ADMISSION</strong></td>
<td>Esther Banderas-Bravo, Malaga, Spain</td>
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<td><strong>THE PRESENCE OF PRE-OPERATIVE AKI INCREASES THE RISK OF MORBIDITY AFTER PEDIATRIC CARDIAC SURGERY</strong></td>
<td>Harish Bangalore, Houston, United States</td>
<td>Houston, United States</td>
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<td>10:52-10:59</td>
<td><strong>GENERAL OUTCOMES IN ELDERLY PATIENTS WITH ACUTE KIDNEY INJURY AND RENAL SUPPORT</strong></td>
<td>Jorge Echeverri, Bogota, Colombia</td>
<td>Bogota, Colombia</td>
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<td>10:59-11:06</td>
<td><strong>EVALUATION OF AKI IN POST-LIVER TRANSPLANTATION PATIENTS USING THE RIFLE AND AKIN CRITERIA</strong></td>
<td>Areti Karapanagiotou, Thessaloniki, Greece</td>
<td>Thessaloniki, Greece</td>
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<td>11:06-11:13</td>
<td><strong>PULSATILE FLOW DURING CARDIO-PULMONARY BYPASS AND POST OPERATIVE ACUTE KIDNEY INJURY</strong></td>
<td>Antoine Schneider, Lausanne, Switzerland</td>
<td>Lausanne, Switzerland</td>
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<td>11:13-11:20</td>
<td><strong>MICRODIALYSIS - A NEW APPROACH TO MONITORING FUNCTIONS OF THE TRANSPLANTED CADAVERIC KIDNEYS</strong></td>
<td>Irina Goncharova, Moscow, Russian Federation</td>
<td>Moscow, Russian Federation</td>
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<td>11:20-11:27</td>
<td><strong>INCIDENCE AND RISK FACTORS FOR EARLY RENAL DYSFUNCTION AFTER LIVER TRANSPLANTATION</strong></td>
<td>Patricia Wiesen, Liege, Belgium</td>
<td>Liege, Belgium</td>
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<td>11:27-11:34</td>
<td><strong>EFFECTS OF ACUTE PLASMA VOLUME EXPANSION ON RENAL PERFUSION, FILTRATION AND OXYGENATION AFTER CARDIAC SURGERY - CRYSTALLOID VS. COLLloid</strong></td>
<td>Jenny Skytte Larsson, Gotheburg, Sweden</td>
<td>Gotheburg, Sweden</td>
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<td>11:34-11:41</td>
<td><strong>RISK FACTORS FOR ACUTE KIDNEY INJURY IN SEPSIS PATIENTS TREATED WITH COLISTIN</strong></td>
<td>Alper Karmarmaz, Istanbul, Turkey</td>
<td>Istanbul, Turkey</td>
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<td>10:10-10:17</td>
<td><strong>SERUM TYPE III PRO-COLLAGEN PEPTIDE AS A MARKER OF VENTILATOR ASSOCIATED LUNG INJURY IN PATIENTS WITH SEVERE RESPIRATORY FAILURE RECEIVING ECMO</strong></td>
<td>Luigi Camporota, London, United Kingdom</td>
<td>London, United Kingdom</td>
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<td>10:17-10:24</td>
<td><strong>EXTENDED EXTRACORPOREAL LUNG SUPPORT IN A PORCINE ACUTE LUNG INJURY MODEL. FEASIBILITY AND PRELIMINARY DATA</strong></td>
<td>Alejandro Bruhn, Santiago, Chile</td>
<td>Santiago, Chile</td>
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<td>10:24-10:31</td>
<td><strong>PROGNOSTIC VALUE OF FLUID BALANCE IN PATIENT RECEIVING EXTRA-CORPOREAL MEMBRANE OXYGENATION (ECMO)</strong></td>
<td>Hoi Ping Shum, Hong Kong, Hong Kong, China</td>
<td>Hong Kong, China</td>
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10:31-10:38  MECHANICAL VENTILATION PRACTICES IN PATIENTS WITH ARDS RECEIVING ECMO: AN INTERNATIONAL SURVEY
Abstract Presenter: Luigi Camporota, London, United Kingdom

10:38-10:45  OUTCOMES OF PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE TREATED WITH EXTRACORPOREAL LUNG SUPPORT
Abstract Presenter: Stephan Braune, Hamburg, Germany

10:45-10:52  EFFECTS OF DIFFERENT ECMO GAS FLOWS ON THE BREATHING PATTERNS OF SEVERE ARDS PATIENTS DURING PRESSURE SUPPORT AND NAVA
Abstract Presenter: Tommaso Mauri, Monza, Italy

10:52-10:59  INTENSIVIST DELIVERED QUATERNARY SEVERE RESPIRATORY FAILURE RETRIEVAL SERVICE WITH MOBILE EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO) CAPABILITIES
Abstract Presenter: Peter Sherren, London, United Kingdom

10:59-11:06  COST ANALYSIS OF THE USE OF EXTRACORPOREAL CARBON DIOXIDE REMOVAL TO AVOID INTUBATION IN PATIENTS FAILING NON-INVASIVE VENTILATION
Abstract Presenter: Stephan Braune, Hamburg, Germany

11:06-11:13  MOBILIZATION OF PATIENTS ON VENO-VENOUS EXTRACORPOREAL MEMBRANE OXYGENATION SUPPORT, WITH AN ‘ECMO-HELMET’
Abstract Presenter: Ralph Pruijsten, Rotterdam, Netherlands

11:13-11:20  VENO-VENOUS ECMO THERAPY FOR LIFE-THREATENING POST-PNEUMONECTOMY PULMONARY EDEMA. PRELIMINARY RESULTS
Abstract Presenter: Nicolas Adam, Paris, France

11:20-11:27  DOUBLE LUMEN CANNULA EXPERIENCE IN V-V ECMO
Abstract Presenter: Elie Zogheib, Amiens, France

11:27-11:34  EFFECTS OF VENO-VENOUS CO2 REMOVAL THERAPY ON PULMONARY CIRCULATION IN AN ARDS MODEL
Abstract Presenter: Philippe Morimont, Liege, Belgium

11:34-11:41  NEUROLOGICAL EVENTS OCCURRING DURING VENO-VENOUS ECMO: AN OBSERVATIONAL STUDY
Abstract Presenter: Charles-Edouard Luyt, Paris, France

11:41-11:48  THE USE OF EXTRACORPOREAL MEMBRANE OXYGENATION ON SEVERE RESPIRATORY INSUFFICIENCY SECONDARY TO COMMUNITY-ACQUIRED PNEUMONIA
Abstract Presenter: Marta Basto, Vila Nova de Gaia, Portugal

10:10-12:00  AIRWAY & AIRWAY MANAGEMENT
Chair: Antonio Artigas, Barcelona, Spain
Chair: Sameer Jog, Pune, India

10:10-10:17  INCIDENCE OF LATE COMPLICATIONS AFTER PERCUTANEOUS TRACHEOSTOMY
Abstract Presenter: Nestor Carrizo, Santa Fe, Argentina

10:17-10:24  CONTINUOUS CONTROL OF DOUBLE-LUMEN ENDOTRACHEAL TUBE CUFF PRESSURE VS. STANDARD CUFF MANAGEMENT FOR THE PREVENTION OF INTRA-OPERATIVE PULMONARY ASPIRATION
Abstract Presenter: Vanessa Diaz-Ravetllat, Barcelona, Spain
10:24-10:31  EMERGENT ENDOTRACHEAL INTUBATION: MEDICATIONS AND DEVICE CHOICES BY CANADIAN RESUSCITATION PHYSICIANS  
Abstract Presenter: Robert Green, Halifax, Canada

10:31-10:38  FEASIBILITY OF A PNEUMATIC DEVICE IN CONTROLLING TRACHEAL CUFF PRESSURE IN INTUBATED CRITICALLY ILL PATIENTS  
Abstract Presenter: Andrey Rodriguez, Sabadell, Spain

10:38-10:45  COMPLICATIONS OF ENDOTRACHEAL INTUBATION IN AN INTENSIVE CARE UNIT  
Abstract Presenter: Beatriz Lobo-Valbuena, Madrid, Spain

10:45-10:52  EFFICIENCY OF MALLINCKRODT® ELECTRONIC DEVICE IN CONTINUOUS CONTROL OF TRACHEAL CUFF PRESSURE  
Abstract Presenter: Anahita Rouze, Lille, France

10:52-10:59  ROLE OF ROUTINE CHEST X-RAY AFTER PERCUTANEOUS DILATATIONAL TRACHEOSTOMY WITH DIRECT BRONCHOSCOPIC GUIDANCE ON A CARDIOThoracic ICU  
Abstract Presenter: Kevin Pilarczyk, Essen, Germany

10:59-11:06  THE SAFETY OF USE OF DIAGNOSTIC SONOGRAPHY IN PERCUTANEOUS TRACHEOSTOMY  
Abstract Presenter: Alejandra Fernández Trujillo, Sant Boi de Llobregat, Spain

11:06-11:13  SAFETY AND COMPLICATIONS OF PERCUTANEOUS DILATATIONAL TRACHEOSTOMY WITH DIRECT BRONCHOSCOPIC GUIDANCE PERFORMED BY RESIDENTS OR FELLOWS  
Abstract Presenter: Kevin Pilarczyk, Essen, Germany

11:13-11:20  THE ELECTROLARYNX IMPROVES COMMUNICATION IN A SELECTED GROUP OF MECHANICALLY VENTILATED CRITICALLY ILL PATIENTS: A CASE SERIES  
Abstract Presenter: Pieter Tuinman, Amsterdamm, Netherlands

11:20-11:27  INDICATIONS AND COMPLICATIONS OF TRACHEOSTOMY IN INTENSIVE CARE UNIT  
Abstract Presenter: Amelia Pavalascu, Alicante, Spain

11:27-11:34  PROSPECTIVE CASE SERIES STUDY ON 300 PATIENTS UNDERWENT GRiggs PERCUTANEOUS TRACHEOSTOMY, WITHOUT BRONCHOSCOPIC GUIDANCE IN A TERTIARY ICU  
Abstract Presenter: Saroj Pattnaik, Bhubaneswar, India

11:34-11:41  CHARACTERIZATION AND OUTCOME OF PATIENTS THAT REQUIRED TRACHEOSTOMY IN A MEDICAL ICU  
Abstract Presenter: Cristina Hernandez, Barcelona, Spain

11:41-11:48  PRE-INTUBATION RESUSCITATION BY CANADIAN PHYSICIANS: RESULTS OF A NATIONAL SURVEY  
Abstract Presenter: Robert Green, Halifax, Canada

10:10-10:20  ETHICS IN THE ICU II  
Chair: Christiane Hartog, Jena, Germany  
Chair: Tarek Sharshar, Paris, France

10:10-10:17  BRAIN DEATH DETERMINATION IN 91 COUNTRIES: ARE WE THINKING ALIKE?  
Abstract Presenter: Sarah Wahlster, Boston, United States

10:17-10:24  POSITIVE. PERCEIVED OBSTACLES TO SATISFACTORY INTERACTION IN TREATING ICU VENTILATED PATIENTS  
Abstract Presenter: Anne-Sophie Debue, Paris, France
10:24-10:31  DO NOT ATTEMPT CARDIO-PULMONARY RESUSCITATION FORM DOCUMENTATION  
Abstract Presenter: Christopher Eyeington, Chelmsford, United Kingdom

10:31-10:38  DOCUMENTATION OF DEATH: A TRUST WIDE AUDIT OF COMPLIANCE  
Abstract Presenter: Ravi Chauhan, Sutton Coldfield, United Kingdom

10:38-10:45  A DYNAMIC MODEL OF ICU DECISION MAKING: FROM THEORY TO PRACTICE  
Abstract Presenter: Galia Karp, Rehovot, Israel

10:45-10:52  ATTITUDES TO CO-ENROLMENT ON CRITICAL CARE: A SURVEY OF RESEARCH NURSING OPINION  
Abstract Presenter: Kate Wilkinson, Blackburn, United Kingdom

10:52-10:59  CARDIOPULMONARY RESUSCITATION IN PATIENTS OVER 80 YEARS: THE VISION OF MEDICAL STAFF  
Abstract Presenter: Cristina Martín Dal Gesso, Guadalajara, Spain

10:59-11:06  EVALUATION OF THE AWARENESS OF ANAESTHESIOLOGISTS REGARDING REFERRAL OF POTENTIAL ORGAN DONORS: SPECIALISTS VS RESIDENTS  
Abstract Presenter: Alírio Miranda, Vila Nova de Gaia, Portugal

11:06-11:13  AWARENESS ABOUT ORGAN DONATION OF THE STAFF OF A SPANISH HOSPITAL  
Abstract Presenter: Priscila Carcelén, Zamora, Spain

11:13-11:20  INCIDENCE OF NEUROLOGIC DEATH AMONG PATIENTS WITH BRAIN INJURY: A RETROSPECTIVE STUDY IN TURKISH HEALTH SYSTEM  
Abstract Presenter: Hulya Basar, Ankara, Turkey

11:20-11:27  IMMINENT DEATH (ID) IN THE EMERGENCY DEPARTMENT. HOW AND WHERE TO TRY IT?  
Abstract Presenter: Emilio del Campo Molina, Córdoba, Spain

11:27-11:34  DIFFERENCE IN THE DETECTION, EXTRACTION AND ORGANS AND TISSUE TRANSPLANTATION AT 12 YEARS  
Abstract Presenter: María Recuerda, Cádiz, Spain

11:34-11:41  THE APPLICATION OF AN OPEN LUNG STRATEGY AFTER CARDIO-CIRCULATORY DEATH IN RATS PRESERVES LUNG VIABILITY AND PROMOTES THE UP-REGULATION OF PROTECTIVE GENES  
Abstract Presenter: Franco Valenza, Milan, Italy

11:41-11:48  PATIENTS OLDER THAN 80 YEARS: ALL FOR EVERYONE?  
Abstract Presenter: Jose Alberto Silva Obregón, Guadalajara, Spain

10:10-12:00  SHOCK RESUSCITATION  
Chair: Alain Combes, Paris, France  
Chair: Pierre Squara, Neuilly-sur-Seine, France

10:10-10:17  PROCALCIOTONIN AS A PROGNOSTIC TOOL OF SIRS DEVELOPMENT AFTER CARDIAC SURGERY WITH CARDIOPULMONARY BYPASS  
Abstract Presenter: Yuri Petrishchev, Ekaterinburg, Russian Federation

10:17-10:24  ATRIAL EJECTION FORCE AND BRAIN NATRIURETIC PEPTIDE AS MARKERS FOR MORTALITY IN SEPSIS  
Abstract Presenter: Ashraf Wadee, Cairo, Egypt
10:24-10:31 ARE MAP AND LACTATE EQUALLY IMPORTANT AS TARGETS IN HEMODYNAMIC RESUSCITATION IN SEPTIC PATIENTS?
Abstract Presenter: Aletta Houwink, Amsterdam, Netherlands

10:31-10:38 CAROTID DOPPLER FLOW AND ITS DETERMINANTS DURING HEAD-UP-TILT CENTRAL HYPOVOLEMIA AND PASSIVE LEG RAISING IN HEALTHY VOLUNTEERS
Abstract Presenter: Angela Sommese, Napoli, Italy

10:38-10:45 TIME-RESOLVED SPECTROSCOPY USING NON-INVASIVE MONITORING MAY DETECT HAPATIC ISCHEMIA
Abstract Presenter: Yasuda Tomotsugu, Kagoshima University, Japan

10:45-10:52 INCIDENCE AND IMPACT OF MOTTLING AND ITS DURATION ON OUTCOME IN CRITICALLY ILL PATIENTS
Abstract Presenter: Remi Coudroy, Poitiers, France

10:52-10:59 FLUID RESPONSIVENESS IS PREDICTED BY ANALYSIS OF EXTRA SYSTOLES
Abstract Presenter: Simon Vistisen, Aarhus, Denmark

10:59-11:06 SYSTOLIC AND DIASTOLIC RIGHT VENTRICULAR FUNCTION IN PATIENTS WITH ARDS WITHOUT ACUTE COR PULMONALE IN ICU
Abstract Presenter: Guido Tavazzi, Pavia, Italy

11:06-11:13 SKELETAL MUSCLE OXIGENATION ALTERATIONS IN DIFFERENT CRITICALLY ILL PATIENTES
Abstract Presenter: Alejandro Rodriguez, Tarragona, Spain

11:13-11:20 FLUID RESPONSIVENESS PREDICTED BY NONINVASIVE BIOREACTANCE-BASED PASSIVE LEG RAISE TEST OF ELDERLY PATIENTS WITH SEPSIS
Abstract Presenter: Cai Guolong, HangZhou, China

11:20-11:27 CENTRAL VENOUS OXYGEN SATURATION CORRELATES WELL WITH MIXED VENOUS OXYGEN SATURATION EXCEPT DURING SELECTIVE CEREBRAL PERFUSION
Abstract Presenter: Kensuke Kobayashi, Hamamatsu, Japan

11:27-11:34 CHANGE IN THE BASIC HEMODYNAMIC PARAMETERS UNDER THE INFLUENCE OF DEXMEDETOMIDINE DURING INITIAL NARCOSIS IN NEUROONCOLOGICAL PATIENTS
Abstract Presenter: Marina Rumiantceva, Saint Petersburg, Russian Federation

11:34-11:41 PPV AND SVV RATIO AND MAP RESPONSE TO A FLUID CHALLENGE IN SV RESPONSIVE MECHANICALLY VENTILATED PATIENTS. A PRELIMINARY STUDY TO FIND A FUNCTIONAL HAEMODYNAMIC PARAMETER FOR FLUID RESPONSIVENESS PREDICTION
Abstract Presenter: Nora Di Tomasso, London, United Kingdom

10:10-12:00 OPTIMISATION OF ICU SERVICES & EDUCATION
Chair: Claudia Spies, Berlin, Germany
Chair: Marlies Ostermann, London, United Kingdom

10:10-10:17 THE RELATIONSHIP BETWEEN THE ALLOCATION OF MEDICAL WORKFORCE AND ADMISSION RELATED WORKLOAD IN INTENSIVE CARE IN THE UK
Abstract Presenter: John Littler, Manchester, United Kingdom

10:17-10:24 DIFFERENCES IN ECONOMIC EFFECTS OF ABANDONING ROUTINE CHEST RADIOGRAPHS IN ACADEMIC AND REGIONAL CARE INTENSIVE CARE UNITS
Abstract Presenter: Diana Lebherz-Eichinger, Vienna, Austria
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<td>P R Madhivathanan, London, United Kingdom</td>
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<td>THE INSINCC (INSURANCE STATUS IN CRITICAL CARE) STUDY: CHARACTERISING THE</td>
<td>Lucinda Gabriel, Geelong, Australia</td>
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<td>RELATIONSHIP BETWEEN PATIENTS' INSURANCE STATUS AND MORTALITY RISK IN THE</td>
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<td>ICU</td>
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<td>RISK PROFILE FOR THE BURDEN PHENOMENON IN FAMILY CAREGIVERS OF INPATIENTS</td>
<td>Enrique Olivares Durán, León, Guanajuato, Mexico</td>
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<td>AT THE INTENSIVE CARE UNIT (ICU)</td>
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<td>INCOMING MEDICAL RESIDENT PERCEPTION OF COMPETENCY AND KNOWLEDGE BASE OF</td>
<td>Keith Habeeb, Bethlehem, United States</td>
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<td>BASIC MEDICAL PROCEDURE ENHANCED BY PROCEDURAL WORKSHOP AND EDUCATIONAL</td>
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<td>IMPLEMENTATION OF THE NATIONAL EARLY WARNING SCORE IN A TEACHING HOSPITAL</td>
<td>Francesca Rubulotta, London, United Kingdom</td>
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<td>11:27</td>
<td>&quot;BUGS&quot; AND ANTIBIOTICS. IMPACT OF THE IMPLEMENTATION OF PROTOCOLS IN CRITICAL</td>
<td>Hugo Calderón, Faro, Portugal</td>
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<td>11:34</td>
<td>ILL PATIENTS</td>
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<td>11:41</td>
<td>INTEGRATING PATIENT CARE AND LEARNING DURING CLINICAL ACTIVITIES: TWO CONTEXTS, TWO STRATEGIES</td>
<td>Dominique Piquette, Toronto, Canada</td>
</tr>
<tr>
<td>11:41</td>
<td>FACTORS ASSOCIATED WITH ICU ADMISSION AFTER DISCHARGE FROM PROLONGED</td>
<td>Tomoko Fujii, Tokyo, Japan</td>
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<td>11:41</td>
<td>POST-ANESTHESIA CARE UNIT STAY</td>
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</tbody>
</table>

Poster Corner, Poster Corner

10:10  | THE BODY COMPOSITION & METABOLISM OF ICU PATIENTS                             | Michaël Casear, Leuven, Belgium                          |
| 10:10  | Chair: Steffen Weber-Carstens, Berlin, Germany                                |                                                          |
| 10:10  | GLUCOSE HOMEOSTASIS IN CRITICALLY ILL PATIENTS IS NOT AFFECTED BY DIFFERENT  | Marlene Wewalka, Vienna, Austria                        |
| 10:17  | ENTERAL NUTRITION FORMULAS                                                    |                                                          |
| 10:17  | THE EFFECT OF EXOGENOUS GLUCAGON LIKE PEPTIDE-1 (GLP-1) ON SMALL INTESTINAL  | Caroline Cousins, Adelaide, Australia                   |
| 10:17  | GLUCOSE ABSORPTION IN THE CRITICALLY ILL                                     |                                                          |
10:24-10:31  THE ROLE OF MITOCHONDRIAL DYSFUNCTION IN THE PATHOPHYSIOLOGY OF ICU-ACQUIRED WEAKNESS  
Abstract Presenter: Katerina Jiroutkova, Prague, Czech Republic

10:31-10:38  A FUNCTIONAL CITRULLINE-ARGININE-NO PATHWAY AND NOS3 COMPLEX IS ESSENTIAL TO MAINTAIN MICROCIRCULATORY FUNCTION DURING ENDOTOXEMIA  
Abstract Presenter: Karolina Wijnands, Maastricht, Netherlands

10:38-10:45  EARLY ENDOCRINE DYSFUNCTION IN CRITICAL ILLNESS OF DIFFERENT AETIOLOGY  
Abstract Presenter: Anna Teresa Mazzeo, Turin, Italy

10:45-10:52  BIOELECTRICAL IMPEDANCE PHASE ANGLE AS INDICATOR OF ADVERSE CLINICAL OUTCOMES AND PROLONGED HOSPITALIZATION IN PATIENTS UNDERGOING CARDIAC SURGERY  
Abstract Presenter: Donata Ringaitiene, Vilnius, Lithuania

10:52-10:59  RISK ASSESSMENT OF CRITICALLY ILL INTENSIVE CARE PATIENTS: USE OF BIOELECTRICAL IMPEDANCE ANALYSIS  
Abstract Presenter: Sandra Stapel, Amsterdam, Netherlands

10:59-11:06  THE IMPACT OF THE STRESS RESPONSE ON PERIOPERATIVE IRISIN CONCENTRATIONS AND INSULIN SENSITIVITY IN PATIENTS UNDERGOING CARDIAC SURGERY  
Abstract Presenter: Anita Boltres, Basel, Switzerland

11:06-11:13  EVALUATION OF BONE METABOLISM USING CTX AND P1NP MARKERS IN CRITICALLY ILL PATIENTS  
Abstract Presenter: Alexandra Gavala, Athens, Greece

11:13-11:20  CLINICAL APPLICATION OF BIOELECTRICAL IMPEDANCE ANALYSIS AND ITS PHASE ANGLE FOR NUTRITIONAL ASSESSMENT OF CRITICALLY ILL PATIENTS  
Abstract Presenter: Hyung Sook Kim, Seongnam, Korea, Republic of

11:20-11:27  ACUTE KIDNEY INJURY ASSOCIATED TO DIABETIC KETOACIDOSIS IN ICU  
Abstract Presenter: Jean-Christophe Orban, Nice, France

11:27-11:34  INCIDENCE OF AND RISK FACTORS FOR READMISSION TO INTENSIVE CARE IN PRIMARY DIABETIC KETOACIDOSIS  
Abstract Presenter: Justin Saliccicioli, London, United Kingdom

11:34-11:41  MUSCLE MASS IN CRITICALLY ILL PATIENTS: STRONG RELATION WITH SHORT AND LONG-TERM MORTALITY  
Abstract Presenter: Niels Koopmans, Groningen, Netherlands

11:41-11:48  CUMULATIVE EFFECTS OF NEGATIVE ENERGY BALANCE ON MYOCARDIAL DEFORMITY AND DIASTOLIC FUNCTION DURING THE FIRST WEEK OF ICU: A PILOT STUDY  
Abstract Presenter: Artur Gómez Blizniak, Jaén, Spain

10:10-12:00  TRAUMATIC BRAIN INJURY  
Chair: Katia Donadello, Brussels, Belgium  
Chair: Kjetil Sunde, Oslo, Norway

10:10-10:17  RESTING ENERGY EXPENDITURE AND TRANSCRANIAL DOPPLER FOR THE EARLY RECOGNITION OF BRAIN DEAD PATIENTS  
Abstract Presenter: Ellada Kiourtzieva, Thessaloniki, Greece

10:17-10:24  CONTINUOUS MONITORING OF CEREBRAL BLOOD FLOW (CBF) AND CEREBRAL TEMPERATURE IN NEUROCITCRITICAL CARE UNIT  
Abstract Presenter: Maria Chiara Casadio, Milano, Italy
THE EFFECTS OF PROPOFOL AND THIOPENTAL CONTINUOUS INFUSION ON SERUM POTASSIUM DISTURBANCES IN NEUROSURGICAL PATIENTS
Abstract Presenter: Eugene Kim, Seoul, Korea, Republic of

EVALUATION OF SEVERE HEAD INJURY MANAGEMENT WITH HEMOSTASIS MONITORING BY ROTEM IN THE TRAUMA ICU OF DIJON UNIVERSITARY HOSPITAL: PRELIMINARY STUDY
Abstract Presenter: Sebastien Mirek, Dijon, France

ULTRASOUND OF THE OPTIC NERVE SHEATH DIAMETER IN THE DIAGNOSIS OF INTRACRANIAL HYPERTENSION IN AN INTENSIVE CARE UNIT
Abstract Presenter: Abdo Taché Sala, Girona, Spain

APNEA TESTS DURING BRAIN DEATH ASSESSMENT: IMPACT ON OXYGENATION
Abstract Presenter: Marco Giani, Monza, Italy

INITIAL INTRACRANIAL PRESSURE AND WORST GLASGOW COMA SCORE AS INDEPENDENT PREDICTORS OF (I) NEED FOR AND (II) TIME TO ESCALATION OF TREATMENT FOR REFRACTORY INTRACRANIAL HYPERTENSION IN TRAUMATIC BRAIN INJURY
Abstract Presenter: Vivian Sathianathan, London, United Kingdom

INFLUENCE OF MODERATE BRAIN HYPOXIA ON LONG TERM OUTCOME
Abstract Presenter: Ana-Maria Domínguez-Berrot, León, Spain

OESOPHAGEAL DOPPLER GUIDED FLUID MANAGEMENT AND CLINICAL OUTCOME IN PATIENTS WITH SEVERE TRAUMATIC BRAIN INJURY
Abstract Presenter: Carmen Gore, London, United Kingdom

IMPACT OF A NORMOTHERMIA PROTOCOL-BASED STRATEGY ON VENTILATOR-ASSOCIATED PNEUMONIA IN SEVERE BRAIN-INJURED PATIENTS
Abstract Presenter: Yoann Launey, Rennes, France

THE ASSOCIATION OF DYSNATREMIA WITH POOR OUTCOME IN PATIENTS WITH TRAUMATIC BRAIN INJURY
Abstract Presenter: Ahmed Hasanin, Cairo, Egypt

ROLE OF FACTOR XIII AND VON CLAUS FIBRINOGEN IN CEREBRAL HEMORRHAGE. A PROSPECTIVE OBSERVATIONAL STUDY WITH NEUROSURGICAL PATIENTS
Abstract Presenter: Estela Val Jordán, Zaragoza, Spain

CAN THE CEREBRAL REGIONAL OXYGEN SATURATION BE A PERFUSION PARAMETER IN SHOCK? OBSERVATIONAL PILOT STUDY
Abstract Presenter: Ashraf Al Tayar, Dhahran, Saudi Arabia

COMPARISON OF MANNITOL VERSUS HYPERTONIC SOLUTIONS IN THE TREATMENT OF ACUTE CEREBRAL EDEMA
Abstract Presenter: Maritoni Rosales, Québec, Philippines

LOW SERUM PHOSPHATE LEVELS IN CRITICAL ILLNESS
Abstract Presenter: Ketan Agarwal, Liverpool, United Kingdom
10:17-10:24  SURVIVAL AND QUALITY OF LIFE 18 MONTHS TO 2 YEARS AFTER DISCHARGE FROM INTENSIVE CARE
Abstract Presenter: Theodoros Katsoulas, Athens, Greece

10:24-10:31  THE ASSOCIATION OF VITAMIN D STATUS AND POST-DISCHARGE OUTCOMES IN CRITICAL ILLNESS SURVIVORS
Abstract Presenter: Kenneth Christopher, Boston, United States

10:31-10:38  THE ASSOCIATION BETWEEN NEUTROPHIL-TO-LYMPHOCYTE RATIO AND MORTALITY IN CRITICAL ILLNESS
Abstract Presenter: Justin Salciccioli, London, United Kingdom

10:38-10:45  QUALITY OF LIFE AND FUNCTIONAL OUTCOME IN PATIENTS WITH TRAUMATIC BRAIN INJURY AT DISCHARGE OF INTENSIVE CARE UNIT
Abstract Presenter: Maria Dolores Arias-Verdu, Malaga, Spain

10:45-10:52  COMPARABLE SURVIVAL OF CRITICALLY ILL PATIENTS ADMITTED TO THE ICU FOLLOWING REDUCED INTENSITY AND MYELOABLATIVE CONDITIONING ALLOGENEIC STEM CELL TRANSPANTATION
Abstract Presenter: Pim L. van der Heiden, Leiden, Netherlands

10:52-10:59  WITHDRAWAL OF LIFE-SUSTAINING THERAPY IN CLINICAL TRIALS IN CRITICAL CARE: A SYSTEMATIC REVIEW
Abstract Presenter: Samuel Tétrault, Québec, Canada

10:59-11:06  INPATIENT CARE BEFORE INTENSIVE CARE - A RELEVANT PROXY FOR PRE-EXISTING DISEASE IN QUALITY OF LIFE RESEARCH?
Abstract Presenter: Lotti Orwelius, Linköping, Sweden

11:06-11:13  PERIOPERATIVE RISK FACTORS OF PRESSURE ULCERS IN SICU PATIENTS
Abstract Presenter: Min Jeong Lee, Seoul, Korea, Republic of

11:13-11:20  RELATIONSHIP BETWEEN REBLEEDING AFTER SUBARACHNOID HEMORRHAGE AND MORTALITY IN A CRITICAL CARE UNIT
Abstract Presenter: Inés Maclas-Guarasa, Málaga, Spain

11:20-11:27  GENDER-RELATED DIFFERENCES IN THE DELIVERY AND OUTCOME OF CRITICAL ILLNESS - A RETROSPECTIVE OBSERVATIONAL STUDY
Abstract Presenter: Karin Amrein, Graz, Austria

11:27-11:34  A “REAL LIFE” COST EFFECTIVENESS ANALYSIS USING PROCALCITONIN ON PATIENTS UNDERGOING ANTIBIOTIC THERAPY IN ICU
Abstract Presenter: Vakleria Bonato, Alessandria, Italy

11:34-11:41  STUDY OF PREDICTIVE FACTORS FOR MORTALITY IN PATIENTS UNDERGOING DOUBLE PROSTHETIC VALVE REPLACEMENT AND CORONARY BYPASS SURGERY
Abstract Presenter: Inés Maclas-Guarasa, Málaga, Spain

11:41-11:48  THE DISCUSSION OF OUR QUESTIONNAIRE SURVEY TO NURSES AND DOCTORS ABOUT MULTIDISCIPLINARY COOPERATION
Abstract Presenter: Hisashi Imahase, Saga, Japan

10:10-12:00  MONITORING & ASSESSMENT OF RESPIRATORY FUNCTION
Chair: Nicolo Patroniti, Lissone, Italy
Chair: Samir Jaber, Montpellier, France
10:10-10:17 THE ASSESSMENT OF END EXPIRATORY TRANSPULMONARY PRESSURE IN ARDS PATIENTS
Abstract Presenter: Ilaria Algieri, Milano, Italy

Abstract Presenter: Bianca Tudor, Vienna, Austria

10:24-10:31 EFFECTS OF SEDATION AND MUSCLE PARALYSIS ON INFLAMMATION DURING MECHANICAL VENTILATION
Abstract Presenter: Mariana Abreu, Rio de Janeiro, Brazil

10:31-10:38 ANALYSIS OF TRANSPULMONARY PRESSURE WITHIN TWO DIFFERENT GROUPS OF ARDS PATIENTS
Abstract Presenter: Ilaria Algieri, Milano, Italy

10:38-10:45 MONITORING OF VENTILATION BY EIT AT DIFFERENT END-EXPIRATORY VOLUMES: A VALIDATION STUDY
Abstract Presenter: Tommaso Mauri, Monza, Italy

10:45-10:52 ASSISTED VENTILATION IN ARDS PATIENTS: LUNG-DISTENDING PRESSURE AND PATIENT-VENTILATOR INTERACTION
Abstract Presenter: Jonne Doorduin, Nijmegen, Netherlands

10:52-10:59 GAS EXCHANGE AND LUNG FUNCTION IN SEVERE ARDS PATIENTS NEEDING PRONE POSITION
Abstract Presenter: Antonio Gioia, Ferrara, Italy

10:59-11:06 PROGNOSTIC VALUE OF CHANGES OF OXYGENATION INDEX, PCO2 AND MECHANICAL PROPERTIES OF THE LUNG FOR THE COURSE OF ACUTE RESPIRATORY FAILURE
Abstract Presenter: Jan Lewejohann, Lübeck, Germany

11:06-11:13 CATHETER MOUNTED CAPNOMETRY IMPROVES THE ESTIMATION OF ETCO2 DURING INFLOW OF SECRETION INTO TRACHEAL TUBE
Abstract Presenter: Hyunggoo Kang, Seoul, Korea, Republic of

11:13-11:20 EVALUATION OF VARIABLES AFFECTING THE EVOLUTION OF ARDS ACCORDING TO THE BERLIN DEFINITION
Abstract Presenter: Gianluca Zani, Ferrara, Italy

11:20-11:27 FLOW CHARACTERISTICS AND TIDAL VOLUME DISTRIBUTION
Abstract Presenter: Peter Somhorst, Rotterdam, Netherlands

11:27-11:34 INFLUENCE OF TIDAL VOLUME ON VENTILATION INHOMOGENEITY ASSESSED BY ELECTRICAL IMPEDANCE TOMOGRAPHY AT DIFFERENT PEEP LEVELS
Abstract Presenter: Tobias Becher, Kiel, Germany

11:34-11:41 IMPACT OF PERI-OPERATIVE EVENTS ON EARLY MORTALITY AFTER LUNG TRANSPLANTATION
Abstract Presenter: Philippe Montravers, Paris, France

11:41-11:48 EXCELLENCE IN INTENSIVE CARE MEDICINE
Abstract Presenter: Charles Sprung, Jerusalem, Israel

10:10-12:00 FUNGAL & VIRAL INFECTIONS
Chair: Bruno Levy, Vandoeuvre les Nancy, France
Chair: Olaf Cremer, Utrecht, Netherlands
10:10-10:17 USE OF ECHINOCANDINS IN SOLID-ORGAN TRANSPLANTATION IN ICU OF TERTIARY HOSPITAL
Abstract Presenter: Helena Puigderrajols, Barcelona, Spain

10:17-10:24 INVASIVE FUNGAL INFECTIONS: THE ACHILLES HEEL OF CRITICAL CARE
Abstract Presenter: Sandra Pacheco Noriega, Madrid, Spain

10:24-10:31 REVIEW OF THE MANAGEMENT OF INVASIVE CANDIDIASIS WITH FIVE INTERNATIONAL GUIDELINES
Abstract Presenter: Laura Jack, Glasgow, United Kingdom

10:31-10:38 CMV REACTIVATION IN CRITICALLY ILL PATIENTS: EPIDEMIOLOGY, OUTCOME AND ASSOCIATED HOST’S INFLAMMATORY RESPONSE
Abstract Presenter: Frantzeska Frantzeskaki, Athens, Greece

10:38-10:45 OUTCOME OF H1N1 PNEUMONIA IN A TERTIARY CARE ICU FROM SOUTH INDIA
Abstract Presenter: Yeldho Eason Varghese, Chennai, India

10:45-10:52 VIRAL H1N1 RESPIRATORY TRACT INFECTION ADMITTED IN ICU
Abstract Presenter: Carolina Joya Montosa, Málaga, Spain

10:52-10:59 WEB-BASED DELPHI CONSENSUS FOR THE DIAGNOSIS AND MANAGEMENT OF INVASIVE PULMONARY ASPERGILLOSIS IN CRITICALLY ILL PATIENTS
Abstract Presenter: José Garnacho-Montero, Seville, Spain

10:59-11:06 H1N1 INFLUENZA A INFECTION WITH ICU ADMISSION. UNDERSTANDING THE DIFFERENCES BETWEEN 2009 PANDEMIC AND THE FOLLOWING FLU WAVES
Abstract Presenter: Alejandro Robles, Madrid, Spain

11:06-11:13 EPIDEMIOLOGY OF FUNGAL COLONISATION AND INFECTION IN ICU OF AN INDIAN TERTIARY CARE CENTRE
Abstract Presenter: Arvind Baronia, Lucknow, India

11:13-11:20 LOCAL PRACTICE OF ANTIFUNGAL THERAPY IN PATIENTS ADMITTED TO THE INTENSIVE CARE UNIT AND ITS EFFECT ON MORTALITY- A RETROSPECTIVE, SINGLE CENTER, DATA ANALYSIS
Abstract Presenter: Raja Dhar, Kolkata, India

11:20-11:27 TREATMENT OF CANDIDEMIA IN CRITICALLY ILL PATIENTS: A SNAPSHOT OF EVERYDAY
Abstract Presenter: Jesus Emilio Barrueco-Francioni, Malaga, Spain

11:27-11:34 RETROSPECTIVE STUDY ON THE REASONS TO USE MICAFUNGIN IN LUNG TRANSPLANTATION PATIENTS (REMIT)
Abstract Presenter: Carlos López, Barcelona, Spain

11:34-11:41 COMPARATIVE ANALYSIS OF TWO INFLUENZA A OUTBREAKS IN INTENSIVE CARE UNIT (2009-2014)
Abstract Presenter: Carmen Trujillano-Fernández, Málaga, Spain

11:41-11:48 INFLUENZA TYPE A EPIDEMIC IN A SECONDARY HOSPITAL
Abstract Presenter: Rocío Rodríguez Castaño, Almería, Spain

Clinical Challenges Session, Barcelona

11:10-12:00 HOW DO I MANAGE HAEMODYNAMICS IN SEPSIS?
Chair: Marc Léone, Marseille, France

Presentation
Speaker: Claude Martin, Marseille, France
Clinical Challenges Session, Vienna

**11:10-12:00 HOW DO I DECIDE TO TREAT FUNGAL INFECTIONS?**
Chair: José Artur Paiva, Porto, Portugal
Presentation
Speaker: Philippe Eggimann, Lausanne, Switzerland

Clinical Challenges Session, Berlin

**11:10-12:00 HOW TO VENTILATE A PATIENT WITH SEVERE COPD?**
Chair: Michael Quintel, Göttingen, Germany
Presentation
Speaker: Salvatore Maggiore, Rome, Italy

Clinical Challenges Session, Athens

**11:10-12:00 WHEN TO START RRT?**
Chair: Lui Forni, Worthing, United Kingdom
Presentation
Speaker: Sean Bagshaw, Alberta, Canada

Clinical Challenges Session, Rome

**11:10-12:00 HOW DO I MANAGE CARDIAC ARREST IN THE TRAUMA PATIENT?**
Chair: Dietmar Fries, Innsbruck, Austria
Presentation
Speaker: David Lockey, Bristol, United Kingdom

Clinical Challenges Session, Stockholm

**11:10-12:00 HOW DO I MANAGE SODIUM DISORDERS IN THE NEURO-ICU?**
Chair: Nino Stocchetti, Milan, Italy
Presentation
Speaker: Claude Hemphill, San Francisco, United States

Clinical Challenges Session, Geneva

**11:10-12:00 HOW DO I REACH CONSENSUS TO LIMIT LIFE-SUSTAINING THERAPIES?**
Chair: Rik Gerritsen, Leeuwarden, Netherlands
Presentation
Speaker: Bob Truog, Boston, United States
Clinical Challenges Session, Paris

11:10-12:00  **HOW DO I ELIMINATE TOXINS IN SEVERE POISONING?**
Chair: Martin Dünser, Salzburg, Austria
11:10-12:00  **Presentation**
Speaker: Bruno Mégarbane, Paris, France

Clinical Challenges Session, Glasgow

11:10-12:00  **HOW DO I MANAGE SEVERE PRE ECLAMPSIA?**
Chair: Andrew Rhodes, London, United Kingdom
11:10-12:00  **Presentation**
Speaker: Mervyn Singer, London, United Kingdom

Clinical Challenges Session, Amsterdam

11:10-12:00  **HOW DO I IMPLEMENT EARLY MOBILISATION IN MY ICU?**
Chair: Dani Martí Romeu, Barcelona, Spain
11:10-12:00  **Presentation**
Speaker: David Mcwilliams, Birmingham, United Kingdom

Thematic Session, NEXT Lounge

11:15-12:00  **NEXT - MEET THE EXPERT**
Chair: Lara Prisco, Cambridge, United Kingdom
11:15-12:00  **Confused: Sudoku on the ICU?**
Speaker: Arjen Slooter, Utrecht, Netherlands

Industry Sponsored Session, Vienna

12:30-14:00  **PATIENT DIRECTED VENTILATION - BREATHE MORE NATURALLY**
Industry Chair: Salvatore Maggiore, Rome, Italy
**Presentations**
Industry Speaker: Laurent Brochard, Toronto, Canada
Industry Speaker: Karen J. Bosma, London, Canada

Industry Sponsored Session, Berlin

12:30-14:00  **BALANCED CRYSTALLOIDS IN FLUID MANAGEMENT: WHAT’S NEW?**
Industry Chair: Michael Joannidis, Innsbruck, Austria
Industry Chair: Anne-Cornélie de Pont, Amsterdam, Netherlands
12:30-12:50  **Reducing morbidity with balanced crystalloids**
Industry Speaker: John Kellum, Pittsburgh, United States
12:50-12:55  **Q&A**
### Scientific Programme

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Industry Speaker(s)</th>
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<tbody>
<tr>
<td>12:55-13:15</td>
<td>Not all balanced crystalloids are the same</td>
<td>Martin Matějovič, Plzeň, Czech Republic</td>
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<td>13:15-13:20</td>
<td>Q&amp;A</td>
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<td>13:20-13:40</td>
<td>Impact of balanced crystalloids on patients undergoing surgery</td>
<td>Dileep Lobo, Nottingham, United Kingdom</td>
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<td>13:40-13:45</td>
<td>Q&amp;A</td>
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<tr>
<td>13:45-14:00</td>
<td>General Q&amp;A</td>
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**Industry Sponsored Session, Athens**

**12:30-14:00** MANAGING VENTILATED PATIENTS MORE EFFICIENTLY: INTELLiVENT-ASV

- Industry Chair: Marcus Schultz, Amsterdam, Netherlands
- Industry Chair: Lluís Blanch, Sabadell, Spain

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<th>Time</th>
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<tr>
<td>12:30-12:35</td>
<td>Opening speech</td>
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<td>12:35-12:50</td>
<td>Why automation in ventilation?</td>
<td>Lluís Blanch, Sabadell, Spain</td>
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<td>12:50-12:55</td>
<td>Questions</td>
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<tr>
<td>12:55-13:10</td>
<td>INTELLiVENT-ASV - The concept</td>
<td>Jean-Michel Arnal, Toulon, France</td>
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<td>13:10-13:15</td>
<td>Questions</td>
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<td>13:15-13:30</td>
<td>INTELLiVENT-ASV - In practice: Clinical cases</td>
<td>Giorgio Iotti, Pavia, Italy</td>
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<td>13:30-13:35</td>
<td>Questions</td>
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<td>13:35-13:50</td>
<td>INTELLiVENT-ASV - The evidence</td>
<td>Samir Jaber, Montpellier, France</td>
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<td>13:50-13:55</td>
<td>Questions</td>
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<td>13:55-14:00</td>
<td>Closing speech</td>
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**Industry Sponsored Session, Rome**

**12:30-14:00** ADVANCED MONITORING IN ICU PATIENTS

- Industry Chair: Javier Belda, Valencia, Spain
- Industry Chair: Azriel Perel, Tel Aviv, Israel

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<th>Time</th>
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<tr>
<td>12:30-13:00</td>
<td>Practical application of the PiCCO-technology in the Neuro ICU</td>
<td>Kees Polderman, Pittsburgh, United States</td>
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<td>13:00-13:30</td>
<td>Elevated lactate in ICU patients: continuous lactate monitoring, correct interpretation and practical therapeutic consequences</td>
<td>Jan Bakker, Rotterdam, Netherlands</td>
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<td>13:30-14:00</td>
<td>Monitoring of severely burned patients: what is the state of the art?</td>
<td>Alexandre Mebazaa, Paris, France</td>
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### Industry Sponsored Session, Stockholm

**12:30-14:00**  
**IMPROVING CARE THROUGH TEAMWORK: BREAKING DOWN BARRIERS TO IMPROVE PATIENT SAFETY**  
Industry Chair: Jozef Kesecioglu, Utrecht, Netherlands  
Industry Chair: Akos Csomos, Budapest, Hungary

- **12:30-12:55**  
  **A mission for MDs: get the right patient the right treatment and quick!**  
  Industry Speaker: Samuel Ajizian, Winston Salem, United States

- **12:55-13:05**  
  **Discussion**

- **13:05-13:30**  
  **Your clinical pharmacist: the crucial link between the right drug choice and safe treatment**  
  Industry Speaker: Robert Shulman, London, United Kingdom

- **13:30-13:35**  
  **Discussion**

- **13:35-14:00**  
  **Mission for nurses: overcoming barriers to safe drug delivery**  
  Industry Speaker: Silvia Calvino Günther, Grenoble, France

- **14:00-14:05**  
  **Discussion**

### Industry Sponsored Session, Geneva

**12:30-14:00**  
**FROM TUBE TO MASK - HOW EIT CAN SUPPORT THE RESPIRATION PATHWAY**  
Industry Chair: Antonio Pesenti, Monza, Italy  
Industry Chair: Nicolo Patroniti, Lissone, Italy

- **12:30-13:00**  
  **From mandatory to supportive ventilation - additional support to improve therapy**  
  Industry Speaker: Antonio Pesenti, Monza, Italy

- **13:00-13:30**  
  **Potential of EIT in predicting weaning and extubation failure**  
  Industry Speaker: Paolo Navalesi, Vercelli, Italy

- **13:30-14:00**  
  **Weaning - just do it with the support of EIT**  
  Speaker: Jean-Michel Constantin, Clermont-Ferrand, France

### Industry Sponsored Session, Paris

**12:30-14:00**  
**EARLY INTERVENTION STRATEGIES IN HAP**  
Industry Chair: Jordi Rello, Barcelona, Spain  
Industry Chair: George Dimopoulos, Athens, Greece

- **12:30-12:35**  
  **Welcome and introduction**  
  Industry Speaker: Jordi Rello, Barcelona, Spain

- **12:35-12:55**  
  **Early- versus late-onset HAP: does it matter?**  
  Industry Speaker: Emilio Bouza, Madrid, Spain

- **12:55-13:20**  
  **Antibiotic therapy for early-onset HAP: what is adequate, what is appropriate?**  
  Industry Speaker: Miguel Sánchez García, Madrid, Spain

- **13:20-13:40**  
  **Ceftobiprole: a potential therapeutic option for HAP**  
  Industry Speaker: Thomas Scheeren, Groningen, Netherlands

- **13:40-14:00**  
  **Discussion**  
  Industry Speaker: Jordi Rello, Barcelona, Spain
Industry Sponsored Session, Glasgow

**12:30-14:00** IMPROVING OUTCOMES WITH PERIOPERATIVE HEMODYNAMIC OPTIMIZATION
Industry Chair: Andrew Rhodes, London, United Kingdom
Industry Chair: Maurizio Cecconi, London, United Kingdom

**12:30-13:00** Mastering hemodynamic monitoring today
Industry Speaker: Jean-Louis Vincent, Brussels, Belgium

**13:00-13:30** Hemodynamic monitoring in the OR: patients and procedures
Industry Speaker: Rupert Pearse, London, United Kingdom

**13:30-14:00** A multidisciplinary approach: in the OR and beyond
Industry Speaker: Monty Mythen, London, United Kingdom

Industry Sponsored Session, Amsterdam

**12:30-14:00** LEARNINGS ON THE PATHOPHYSIOLOGY OF SEVERE SEPSIS SHED LIGHT ON ALBUMIN ROLE
Industry Chair: Antonio Artigas, Barcelona, Spain
Industry Chair: Mitchell Levy, Providence, United States

**12:30-12:35** Introduction
Industry Speaker: Antonio Artigas, Barcelona, Spain

**12:35-13:00** Albumin metabolism in the ICU patient
Industry Speaker: Jan Wernerman, Stockholm, Sweden

**13:00-13:25** Systemic inflammation and sepsis in cirrhosis: relationship with ACLF and therapeutic role of albumin
Industry Speaker: Vicente Arroyo, Barcelona, Spain

**13:25-13:50** Albumin in clinical trials: Current evidence
Industry Speaker: Jean-Louis Vincent, Brussels, Belgium

**13:50-14:00** Wrap-up & conclusions & Q-A?s

Thematic Session, NEXT Lounge

**14:00-14:50** NEXT - EXPERTS IN THE HOT SEAT
Chair: Matthias Hilty, Zurich, Switzerland

**14:00-14:50** The global ICU
Speaker: Marcus Schultz, Amsterdam, Netherlands
Speaker: Ricard Ferrer Roca, Sabadell, Spain

Poster Corner, Poster Corner

**14:00-15:50** ACUTE RESPIRATORY FAILURE MISCELLANEA
Chair: Steffen Weber-Carstens, Berlin, Germany
Chair: Geoffrey Bellingan, London, United Kingdom
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<td>14:00-14:07</td>
<td>EFFECT OF HIGH DOSE AMBROXOL ON THE EXTRA-VASCULAR LUNG WATER AND OXYGENATION OF PATIENTS WITH EXTRA-PULMONARY ACUTE RESPIRATORY DISTRESS SYNDROME</td>
<td>Liu Yong-Jun, Guangzhou, China</td>
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<td>14:07-14:14</td>
<td>INFLUENCE OF RIGHT VENTRICULAR FUNCTION IN DEVELOPMENT OF PRIMARY GRAFT DYSFUSION AFTER LUNG TRANSPLANTATION</td>
<td>Purificación Pérez-Terán, Barcelona, Spain</td>
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<td>REPERCUSSION IN HEMODYNAMIC VALUES AND EXTRAVASCULAR LUNG WATER OF ALVEOLAR RECRUITMENT MANEUVERS, IN AN EXPERIMENTAL MODEL OF ARDS</td>
<td>Marina Varela Durán, Madrid, Spain</td>
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<td>14:21-14:28</td>
<td>INFLUENCE OF HUMIDIFICATION ON IN VITRO DOSE DELIVERY FOR AMIKACIN INHALE BY MECHANICAL VENTILATION</td>
<td>Nani Kadrichu, San Carlos, United States</td>
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<td>14:28-14:35</td>
<td>VARIABILITY IN TIME TO LOCAL REGULATORY APPROVALS FOR MULTICENTER CLINICAL TRIALS - EXPERIENCES IN THE OSCILLATE TRIAL</td>
<td>Niall Ferguson, Toronto, Canada</td>
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<td>14:35-14:42</td>
<td>CLINICAL FEATURES AND OUTCOME OF INTERSTITIAL LUNG DISEASE IN INTENSIVE CARE UNIT</td>
<td>Válter Fonseca, Setúbal, Portugal</td>
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<td>14:42-14:49</td>
<td>EVALUATION OF ICU PHYSICIANS' KNOWLEDGE AND HARD TASKS FOR UNDERSTANDING OF MECHANICAL VENTILATION</td>
<td>Maksym Pylypenko, Kyiv, Ukraine</td>
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<td>KETAMINE IN THE TREATMENT OF BRONCHOSPASM DURING MECHANICAL VENTILATION COMPARED TO CONVENTIONAL TREATMENT: PRELIMINARY REPORT</td>
<td>Nora Bernal, Mexico, Mexico</td>
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<td>Thomas Miller, Liverpool, United Kingdom</td>
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<td>15:03-15:10</td>
<td>MANUAL VENTILATION PERFORMANCE: WHICH METHODS ARE USED FOR ITS ANALYSIS? A REVIEW OF THE LITERATURE</td>
<td>Abdo Khoury, Besançon, France</td>
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<td>NEUROMUSCULAR DISEASES IN PATIENTS ADMITTED TO THE INTENSIVE CARE UNIT: CLINICAL CHARACTERISTICS AND OUTCOME</td>
<td>Alba Jerez, Barcelona, Spain</td>
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<td>CHARACTERISTICS AND CLINICAL OUTCOMES OF ACUTE RESPIRATORY DISTRESS SYNDROME IN MEDICAL INTENSIVE CARE UNIT, TERTIARY HOSPITAL OF THAILAND</td>
<td>Narin Chindavech, Buriram, Thailand</td>
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<td>PROGNOSIS OF DIFFUSE ALVEOLAR HAEMORRHAGE IN CRITICAL ILL PATIENTS</td>
<td>Amira Jamoussi, Ariana, Tunisia</td>
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<td>I COUGH UK - A PERI-OPERATIVE SERVICE IMPROVEMENT PATHWAY FOR REDUCING POST OPERATIVE PULMONARY COMPLICATIONS</td>
<td>Natalie Thomas, Manchester, United Kingdom</td>
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<td>14:00-15:50</td>
<td><strong>ACUTE RESPIRATORY FAILURE: FROM INTUBATION TO WEANING ATTEMPTS</strong></td>
<td>Chair: Laurent Papazian, Marseille, France</td>
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<td>Chair: Peter Schellongowski, Vienna, Austria</td>
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<td><strong>POST-INTUBATION HEMODYNAMIC INSTABILITY IN CRITICALLY ILL INTENSIVE CARE UNIT PATIENTS: A MULTICENTER STUDY</strong></td>
<td>Abstract Presenter: Robert Green, Halifax, Canada</td>
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<td>14:07-14:14</td>
<td><strong>TREATMENT OF POST-INTUBATION HEMODYNAMIC INSTABILITY BY CANADIAN EMERGENCY MEDICINE AND CRITICAL CARE MEDICINE PHYSICIANS</strong></td>
<td>Abstract Presenter: Robert Green, Halifax, Canada</td>
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<td><strong>PEEP-DEPENDENT END-EXPIRATORY LUNG VOLUME CHANGES IN MORBIDLY OBESE PATIENTS AFTER INITIATION OF MECHANICAL VENTILATION</strong></td>
<td>Abstract Presenter: Christian Nestler, Leipzig, Germany</td>
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<td>14:21-14:28</td>
<td><strong>A RANDOMIZED CONTROLLED TRIAL COMPARING THE VENTILATION DURATION BETWEEN ADAPTIVE SUPPORT VENTILATION AND CONVENTIONAL MODES IN MEDICAL ICU PATIENTS</strong></td>
<td>Abstract Presenter: Cenk Kirakli, Izmir, Turkey</td>
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<td>14:28-14:35</td>
<td><strong>A RANDOMIZED CONTROLLED TRIAL OF TWO ALGORITHMS FOR WEANING CARDIAC SURGICAL PATIENTS RECEIVING ADAPTIVE SUPPORT VENTILATION</strong></td>
<td>Abstract Presenter: Charles Gomersall, Shatin, Hong Kong, China</td>
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<td>14:35-14:42</td>
<td><strong>24-H PRETREATMENT VERSUS 6-H PRETREATMENT WITH DEXAMETHASONE FOR PREVENTION OF POSTTEXTUBATION AIRWAY OBSTRUCTION IN CHILDREN: A RANDOMIZED DOUBLE-BLIND TRIAL</strong></td>
<td>Abstract Presenter: Arun Baranwal, Patna, India</td>
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<td>14:42-14:49</td>
<td><strong>NURSE-DRIVEN SEDATION PROTOCOL WITH SEDATION VACATION AND INCIDENCE OF UNPLANNED EXTUBATIONS</strong></td>
<td>Abstract Presenter: Thomas Joannon, Paris, France</td>
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<td>14:49-14:56</td>
<td><strong>CLINICAL AND ECHOCARDIOGRAPHIC CHARACTERISTICS OF CRITICALLY ILL PATIENTS ACCORDING TO WEANING CATEGORIES FROM MECHANICAL VENTILATION</strong></td>
<td>Abstract Presenter: Paula Andrea Lopéz Garzón, Barcelona, Spain</td>
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<td>14:56-15:03</td>
<td><strong>ATTENTION TO WEANING FROM MECHANICAL VENTILATION PROTOCOL: AN EDUCATIONAL CHALLENGE</strong></td>
<td>Abstract Presenter: Roselaine Pinheiro Oliveira, Porto Alegre, Brazil</td>
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<td><strong>DOES EARLY USE OF BILEVEL POSITIVE AIRWAY PRESSURE (BIPAP) IN CARDIOTHORACIC INTENSIVE CARE UNIT PREVENT REINTUBATION?</strong></td>
<td>Abstract Presenter: Ayse Baysal, Istanbul, Turkey</td>
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<td><strong>LOOKING AT THE TRACHEA DURING PERCUTANEOUS TRACHEOSTOMY - IS IT SAFE?</strong></td>
<td>Abstract Presenter: André Florêncio, Faro, Portugal</td>
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<td>Abstract Presenter: María Isabel Gonzalez Perez, León, Spain</td>
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<td><strong>LARYNGOSCOPIC EVALUATION OF POSTTEXTUBATION HOARSENESS</strong></td>
<td>Abstract Presenter: Hiroshi Okamoto, Kurashiki, Japan</td>
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<td>Abstract Presenter: Jesus Cabrera-Arrocha, Las Palmas de Gran Canaria, Spain</td>
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<td>PREDICTORS OF ICU OUTCOME II</td>
<td>Chair: Bernardo Bollen Pinto, London, United Kingdom Chair: Peter van der Voort, Amsterdam, Netherlands</td>
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<td>PROGNOSTIC VALUE OF RED CELL DISTRIBUTION WIDTH (RDW) IN PATIENTS</td>
<td>Abstract Presenter: Gerund Cheung, Hong Kong, Hong Kong, China</td>
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<td>UNDERGOING MAJOR NON-CARDIAC SURGERY</td>
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<td>CO2 GAP AS A PREDICTOR OF MORTALITY IN THE ICU</td>
<td>Abstract Presenter: Tinni Maskoen, Bandung, Indonesia</td>
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<td>DIC SCORING AT ADMISSION IS A USEFUL TOOL TO PREDICT OUTCOME IN SEVERE</td>
<td>Abstract Presenter: Mohammad Feroz Azfar, Riyadh, Saudi Arabia</td>
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<td>SEPSIS AND SEPTIC SHOCK PATIENTS</td>
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<td>DOES BRADEN SCALE IMPROVE THE PROGNOSTIC FEATURES OF NEWS IN CRITICALLY</td>
<td>Abstract Presenter: Syed Amin, Bridgeport, United States</td>
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<td>DESCRIPTION OF A NEW SCALE FOR ACUTE CORONARY SYNDROME SCALE BASED ON</td>
<td>Abstract Presenter: Maria Dolores Arias-Verdu, Malaga, Spain</td>
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<td>AGE AND KILLIP CLASS AT ADMISSION</td>
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<td>14:35-14:42</td>
<td>CORRELATION BETWEEN QRS AXIS ON ADMISSION ECG AND NURSING AND SEVERITY</td>
<td>Abstract Presenter: Aristidis Vakalos, Xanthi, Greece</td>
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<td>INDEXES IN ICU PATIENTS</td>
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<td>14:42-14:49</td>
<td>EVALUATION OF PNEUMONIA SCORES IN ICU ADMITTED PATIENTS WITH SEVERE</td>
<td>Abstract Presenter: Elena Trujillo-Garcia, Málaga, Spain</td>
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<td>DIRECT-CURRENT POTENTIAL AND SEVERITY SCORING SYSTEMS IN THE CRITICALLY</td>
<td>Abstract Presenter: Igor Zabolotskikh, Krasnodar, Russian Federation</td>
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<td>MAXIMUM HEART RATE WITHIN 24 HOURS OF ADMISSION TO A MIXED INTENSIVE</td>
<td>Abstract Presenter: Duygu Kara, Ankara, Turkey</td>
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<td>VALIDATION OF THE GLASGOW-BLATCHFORD SCORE AND THE PRE-ENDOSCOPIC</td>
<td>Abstract Presenter: Dong Woo Lee, Seoul, Korea, Republic of</td>
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<td>Abstract Presenter: Rajesh Pande, New Delhi, India</td>
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<td>MORTALITY IN A NEW DELHI ICU</td>
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<td>Abstract Presenter: Caroline Fritz, Paris, France</td>
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<td>BIOIMPEDANCE, DURING THE STAY IN CRITICAL CARE</td>
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<td>CORRELATION BETWEEN QRS COMPLEX DURATION ON ADMISSION ECG AND NURSING</td>
<td>Abstract Presenter: Aristidis Vakalos, Xanthi, Greece</td>
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<td>AND SEVERITY INDEXES IN ICU PATIENTS</td>
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<td>USEFULNESS OF MEXSOFA SCORE TO PREDICT MORTALITY IN CRITICALLY ILL</td>
<td>Abstract Presenter: Brigette Carmen Tejeda Huezo, Mexico, Mexico</td>
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<td>14:00-15:50</td>
<td><strong>ULTRASONOGRAPHY IN THE ICU</strong></td>
<td>Chair: Marius Terblanche, London, United Kingdom</td>
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<td>14:00-14:07</td>
<td>COMPARISON BETWEEN ULTRASOUND OR BRONCHOSCOPY GUIDED PERCUTANEOUS DILATIONAL TRACHEOSTOMY IN CRITICALLY ILL PATIENTS - A RETROSPECTIVE COHORT STUDY</td>
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<td>SONOGRAPHIC B-LINES AND PRESSURE OF END TIDAL CO2 IN DIFFERENTIATING ACUTE DYSPNEA</td>
<td>Hamdi Hassaballa, Cairo, Egypt</td>
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<td>THE PROGNOSTIC VALUE OF MAGNETIC RESONANCE IMAGING IN MODERATE AND SEVERE TRAUMATIC BRAIN INJURY: A SYSTEMATIC REVIEW AND META-ANALYSIS</td>
<td>Hourmazd Haghbayan, Quebec, Canada</td>
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<td>A COMPARISON BETWEEN LEFT VENTRICULAR OUTFLOW TRACT VELOCITY TIME INTEGRAL AND Inferior Vena Cava Collapsibility Index As A Predictor To Fluid Responsiveness In Critically Ill Septic Patients</td>
<td>Mahmoud Abodorra, Alexandria, Egypt</td>
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<td>COMPARISON OF WEB-BASED TO TRADITIONAL CLASSROOM-BASED TRAINING OF LUNG ULTRASOUND FOR THE DETECTION OF PNEUMOTHORAX</td>
<td>Thomas Edrich, Salzburg, Austria</td>
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<td>LUNG ULTRASOUND IN ASSESSING AND MONITORING SEPSIS-INDUCED LUNG INJURY</td>
<td>Norimichi Uenishi, Aichi, Japan</td>
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<td>14:42-14:49</td>
<td>DOES THE ADDITION OF DIAGNOSTIC LUNG ULTRA-SOUND IMPACT ON CHEST PHYSIOTHERAPY INTERVENTION IN CRITICALLY-ILL PATIENTS?</td>
<td>Matthew Riley, London, United Kingdom</td>
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<td>DIAGNOSTIC VALUE OF BEDSIDE LUNG ULTRASOUND (LUS) FOR ASSESSMENT OF PULMONARY ABNORMALITIES IN NEUTROGENIC PATIENTS (PTS) WITH HEMATOLOGICAL MALIGNANCIES (HM) AND ACUTE RESPIRATORY FAILURE (ARF)</td>
<td>Vyacheslav Novikov, Moscow, Russian Federation</td>
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<td>A POINT OF CARE ULTRASOUND DURING CATHETERIZATION OF INTERNAL JUGULAR VEIN; SONOGRAPHIC ASSESSMENT OF THE VENOUS EXCAVATION (SAVE) PROTOCOL</td>
<td>Seung Min Park, Anyang si, Korea, Republic of</td>
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<td>DIAPHRAGMATIC M-MODE ULTRASONOGRAPHY: A USEFUL TOOL FOR PREDICTING WEANING SUCCESS</td>
<td>Aikaterini Flevari, Athens, Greece</td>
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<td>IMPACT OF PLEURAL FLUID REMOVAL ON CONTINUOUS CHEST ELECTRICAL IMPEDANCE TOMOGRAPHY EXAMINATIONS OF INTENSIVE CARE PATIENTS</td>
<td>Inez Frerichs, Kiel, Germany</td>
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<td>ASSESSMENT OF LEFT VENTRICULAR FUNCTION IN CRITICALLY ILL PATIENTS BY MITRAL ANNULAR PLANE SYSTOLIC EXCURSION (MAPSE)</td>
<td>G.J. Himaaldev, Bangalore, India</td>
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| 15:31-15:38  | ULTRASONOGRAPHIC IDENTIFICATION AND SEMI-QUANTITATIVE ASSESSMENT OF UNLOCULATED PLEURAL EFFUSIONS IN CRITICALLY ILL PATIENTS BY RESIDENTS AFTER A FOCUSED TRAINING  
Abstract Presenter: Emmanuelle Bégot, Limoges, France |

**Poster Corner, Poster Corner**

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<td>Chair: Daniel De Backer, Brussels, Belgium</td>
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<td>Chair: Diederik van Dijk, Utrecht, Netherlands</td>
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| 14:00-14:07  | QUALITY INDICATORS IN ACUTE CORONARY SYNDROME WITH ST SEGMENT ELEVATED IN THE LAST DECADE  
Abstract Presenter: Maria-Victoria de la Torre-Prados, Málaga, Spain |
| 14:07-14:14  | ADVANTAGES IN THE USE OF PRE-SURGERY INTRA-AORTIC BALLOON PUMP IMPLANTATION IN CARDIAC SURGERY: PROPENSITY SCORE IN THE ARIAM CARDIAC SURGERY REGISTER  
Abstract Presenter: Elena Trujillo-García, Málaga, Spain |
| 14:14-14:21  | THE PROGNOSTIC VALUE OF SERUM 25- HYDROXY VITAMIN D LEVEL IN PATIENTS WITH ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION  
Abstract Presenter: Samir Alawady, Alexandria, Egypt |
| 14:21-14:28  | TIMELY TREATMENT IN ACUTE MYOCARDIAL INFARCT: COORDINATION BETWEEN MEDICAL CARE LEVELS  
Abstract Presenter: Ana María de Pablo-Hermida, Arganda del Rey, Spain |
| 14:28-14:35  | TWO-YEAR EVALUATION OF THE A PHARMACO-INVASIVE STRATEGY (PHIS) IN PATIENTS WITH ACUTE ST ELEVATION MYOCARDIUM INFARCTION (STEMI) FROM A SETTING (PUNTA DE EUROPA) UNABLE TO CARRY OUT PRIMARY PERCUTANEOUS CORONARY INTERVENTION (PPCI)  
Abstract Presenter: Juan Carlos Rodríguez Yañez, Cadiz, Spain |
| 14:35-14:42  | EVALUATION OF EPIDEMIOLOGY CHANGES IN CARDIOVASCULAR RISK FACTORS IN ACUTE CORONARY SYNDROME IN THE LAST 10 YEARS ACCORDING TO ARIAM DATABASE  
Abstract Presenter: Maria Jose Chaparro Sanchez, Malaga, Spain |
| 14:42-14:49  | DIFFERENCES BETWEEN ACUTE CORONARY SYNDROME WITH AND WITHOUT ST ELEVATION THROUGH A METABOLOMIC APPROACH  
Abstract Presenter: Elena González González, Madrid, Spain |
| 14:49-14:56  | POST CARDIAC SURGERY STATINS RELATED MORBIDITY  
Abstract Presenter: Sameh Aboulnaga, Doha, Qatar |
| 14:56-15:03  | DEVELOPMENTAL STUDY OF DYSLIPIDEMIA AND MORBID OBESITY ACCORDING TO GENDER IN ACUTE CORONARY SYNDROME WITH AND WITHOUT ST ELEVATION IN OUR ICUS  
Abstract Presenter: Javier Bono Muñoz, Malaga, Spain |
| 15:03-15:10  | INITIAL EXPERIENCE WITH ECMO AS A BRIDGE TO HEART TRANSPLANT  
Abstract Presenter: Fredmaxym Vilchez-Pizarro, Murcia, Spain |
| 15:10-15:17  | COHORT STUDY AFTER RESCUE PERCUTANEOUS CORONARY INTERVENTION  
Abstract Presenter: Maria-Victoria de la Torre-Prados, Málaga, Spain |
| 15:17-15:24  | GENDER INFLUENCE IN MORTALITY OF PATIENTS UNDERGOING CARDIAC SURGERY  
Abstract Presenter: María Reyes Mañas Vera, Granada, Spain |
15:24-15:31  INFECTION PREVENTION WITH SELECTIVE DIGESTIVE TRACT DECONTAMINATION (SDD) IN PATIENTS WITH A VENTRICULAR ASSIST DEVICE (VAD)
Abstract Presenter: Salcedo Rivas Martín Amador, Madrid, Spain

15:31-15:38  MANAGEMENT AND EARLY OUTCOME IN PATIENTS WITH ACUTE TYPE A AORTIC DISSECTION PRESENTING WITH CEREBROVASCULAR COMPLICATIONS
Abstract Presenter: Hirokazu Murayama, Chiba, Japan

14:00-15:50  ANTIMICROBIAL USE AND PK/PD
Chair: Jeffrey Lipman, Brisbane, Australia
Chair: Fabio Silvio Taccone, Brussels, Belgium

14:00-14:07  THE PLASMA AND SUBCUTANEOUS TISSUE PHARMACOKINETICS OF CEFAZOLIN IN POST-TRAUMA CRITICALLY ILL PATIENTS
Abstract Presenter: Jeffrey Lipman, Brisbane, Australia

14:07-14:14  RECOMMENDED PIPERACILLIN-TAZOBACTAM DOSING IN CRITICALLY ILL PATIENTS REQUIRING CONTINUOUS VENO-VENOUS HEMOFILTRATION ENHANCES GRAM-NEGATIVE COLONIZATION AND INFECTION AND MAY INDUCE RESISTANCE
Abstract Presenter: Linda Remels, Brussels, Belgium

14:14-14:21  OPTIMIZING THE DOSING REGIMEN OF DAPTOMYCIN IN CRITICALLY ILL PATIENTS USING A PK/PD ANALYSIS AND MONTE CARLO SIMULATION
Abstract Presenter: Helena Barrasa González, Vitoria, Spain

14:21-14:28  DOUBLE-CARBAPENEM USE FOR TREATMENT OF CARBAPENEM RESISTANT KLEBSIELLA PNEUMONIAE SEVERE INVASIVE INFECTIONS
Abstract Presenter: Gennaro De Pascale, Rome, Italy

14:28-14:35  FACTORS INFLUENCING ANTIBIOTIC DE-ESCALATION IN POSTOPERATIVE PERITONITIS
Abstract Presenter: Philippe Montravers, Paris, France

14:35-14:42  EFFICACY OF ANTIBIOTIC EDUCATION ON ANTIBIOTIC USAGE AND RESISTANT PATTERN IN ALEXANDRIA UNIVERSITY HOSPITALS IN EGYPT
Abstract Presenter: Ahmed Elmenshawy, Alexandria, Egypt

14:42-14:49  EVALUATION OF TEMOCILLIN FOR TREATMENT OF NOSOCOMIAL INFECTIONS
Abstract Presenter: Nathalie Layios, Liege, Belgium

14:49-15:06  ANTIBIOTIC CONCENTRATIONS IN CEREBROSPINAL FLUID IN PATIENTS WITH VENTRICULITIS
Abstract Presenter: Gianni Stringari, Bruxelles, Belgium

15:06-15:13  DE-ESCALATION VERSUS CONTINUATION OF EMPirical ANTIMICROBIAL TREATMENT IN SEVERE SEPSIS: A MULTICENTER NON-BLINDED RANDOMIZED NONINFERIORITY TRIAL
Abstract Presenter: Marc Léone, Marseille, France

15:13-15:20  ANTIBIOTIC PRESCRIPTION DURING WEEKDAY, NIGHT AND WEEKEND SHIFTS
Abstract Presenter: Joris Vermassen, Ghent, Belgium

15:20-15:27  IN VITRO AND IN VIVO SYNERGISTIC ACTIVITY OF HIGH DOSES OF AMPICILLINE/SULBACTAME WITH COLISTIN VERSUS MEROPENEM WITH COLISTIN IN VENTILATOR ASSOCIATED PNEUMONIA (VAP) CAUSED BY ACINETOBACTER BAUMANNII (AB)
Abstract Presenter: Frantzeska Frantzeskaki, Athens, Greece
15:17-15:24  EMPIRIC ANTI-PSEUDOMONAS ANTIBIOTIC THERAPY IN COMPLICATED INTRA-ABDOMINAL INFECTIONS: A SYSTEMATIC REVIEW AND META-ANALYSIS  
Abstract Presenter: Koen Blot, Ghent, Belgium

15:24-15:31  DO EARLY ANTIBIOTICS IN SEPSIS REDUCE MORTALITY? -A RETROSPECTIVE STUDY IN INTENSIVE CARE UNITS IN STOCKHOLM  
Abstract Presenter: Maria Cronhjort, Stockholm, Sweden

15:31-15:38  ADSORPTIVE CAPACITY OF A NOVEL CYTOKINE FILTER FOR MEROPENEM AND CIPROFLOXACIN  
Abstract Presenter: Christina König, Hamburg, Germany

14:00-15:50  SEPSIS: EXPERIMENTAL STUDIES  
Chair: Elisa Zanier, Milan, Italy  
Chair: Bruno Levy, Vandoeuvre les Nancy, France

14:00-14:07  THE EFFECTS OF CARNITINE ON RENAL TISSUE DAMAGE AND METABOLIC ALTERATION AMONG THE RAT INTRABDOMINAL SEPSIS MODEL  
Abstract Presenter: Sinan Cetin, Istanbul, Turkey

14:07-14:14  NORMAL SALINE VERSUS RINGER´S LACTATE IN EXPERIMENTAL SEPSIS  
Abstract Presenter: Diego Orbegozo Cortes, Brussels, Belgium

14:14-14:21  REMOVAL OF NATURAL ANTI-GALACTOSE α1,3 GALACTOSE ANTIBODIES WITH GAS914 ENHANCES HUMORAL IMMUNITY AND PREVENTS SEPSIS MORTALITY IN MICE  
Abstract Presenter: Rafael Manez, Hospitalet de Llobregat, Spain

14:21-14:28  INTERSTITIAL CHANGES IN SPLEEN DURING SEPSIS  
Abstract Presenter: Øyvind Sverre Svendsen, Bergen, Norway

14:28-14:35  PLASMA ENDOCAN LEVELS ARE ASSOCIATED WITH ENDOTHELIAL DYSFUNCTION DURING EXPERIMENTAL HUMAN ENDOTOXEMIA  
Abstract Presenter: Lucas van Eijk, Nijmegen, Netherlands

14:35-14:42  EFFECTS OF SILDENAFIL IN A PORCINE MODEL OF ENDOTOXEMIA  
Abstract Presenter: Denise Fantoni, São Paulo, Brazil

14:42-14:49  SEQUENTIAL CHANGES IN THE PATTERN OF LIVER ARCHITECTURE IN THE ACUTE PHASE OF SEVERE SEPSIS UNDER THE VISION OF VIDEOMICROSCOPY. EXPERIMENTAL STUDY  
Abstract Presenter: Ivan Koh, Sao Paulo, Brazil

14:49-14:56  IMPACT OF ENDOTOXIN CHALLENGE ON DISSEMINATED INTRAVASCULAR COAGULATION IN OBESE MINIPIGS  
Abstract Presenter: Thibault Duburcq, Lille, France

14:56-15:03  EARLY CHANGES IN HEART RATE PREDICT LONG-TERM SURVIVAL IN A RODENT MODEL OF SEPSIS  
Abstract Presenter: Alain Rudiger, Zurich, Switzerland

15:03-15:10  EFFECTS OF Metoprolol IN A PORCINE MODEL OF SEPTIC SHOCK  
Abstract Presenter: André Corrêa, São Paulo, Brazil

15:10-15:17  ROLE OF CAMP IN PAF-INDUCED INTESTINAL ENDO-AND EPITHELIAL DYSFUNCTION  
Abstract Presenter: Ingmar Lautenschläger, Kiel, Germany
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<tr>
<td>15:17-15:24</td>
<td>STATINS PROTECT THE VASCULATURE FROM EXCESSIVE ANGPT-2 PRODUCTION IN SEPSIS</td>
<td>Sascha David, Hannover, Germany</td>
<td>Hannover, Germany</td>
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<td>15:24-15:31</td>
<td>MORTALITY IS ASSOCIATED WITH EARLY TACHYCARDIA AND CARDIAC TROPNON RELEASE IN A FLUID-RESUSCITATED RAT MODEL OF SEPSIS</td>
<td>Waqas Khaliq, London, United Kingdom</td>
<td>London, United Kingdom</td>
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<td>15:31-15:38</td>
<td>POLYMIXIN B-IMMOBILIZED FIBER COLUMN HEMOPERFUSION IN TREATMENT FOR SEPTIC SHOCK CONTRIBUTES TO CONSTRICIT PERIPHERAL BLOOD VESSELS</td>
<td>Makiko Sugiura, Tokyo, Japan</td>
<td>Tokyo, Japan</td>
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<td>14:00-15:50</td>
<td>DIAGNOSIS &amp; MANAGEMENT OF AKI</td>
<td>Olivier Joannes-Boyau, Pessac, France</td>
<td>Pessac, France</td>
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<td>Chair: Barbara Philips, London, United Kingdom</td>
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<td>14:00-14:07</td>
<td>CONTRAST-ENHANCED ULTRASOUND TO EVALUATE CHANGES IN RENAL CORTICAL PERFUSION INDUCED BY NORADRENALINE INFUSION: A PILOT STUDY</td>
<td>Antoine Schneider, Lausanne, Switzerland</td>
<td>Switzerland</td>
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<td>14:07-14:14</td>
<td>PLASMA IOHEXOL CLEARANCE AS A SURROGATE OF GLOMERULAR FILTRATION RATE IN CRITICALLY ILL PATIENTS WITH UNSTABLE KIDNEY FUNCTION</td>
<td>Charlotte Salmon-Gandonnière, Tours, France</td>
<td>Tours, France</td>
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<td>14:14-14:21</td>
<td>BALANCED VERSUS UNBALANCED: DOES A SMALL VOLUME OF STEROFUNDIN VERSUS NAACL 0.9% MAKE A DIFFERENCE?</td>
<td>Freekje Viaene, Ghent, Belgium</td>
<td>Ghent, Belgium</td>
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<tr>
<td>14:21-14:28</td>
<td>ASSOCIATION OF ACUTE AND CHRONIC RENAL FAILURE (ARF; CRF) TO GLOBAL END-DIASTOLIC VOLUME INDEX (GEDVI), FRACTIONAL EXCRETION OF SODIUM (FES) AND FRACTIONAL EXCRETION UREA (FEU)</td>
<td>Wolfgang Huber, Munich, Germany</td>
<td>Munich, Germany</td>
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<td>14:28-14:35</td>
<td>CONTRAST-ASSOCIATED ACUTE KIDNEY INJURY ACCORDING TO THE TYPE OF CONTRAST-ENHANCED RADIOGRAPHIC EXAMINATION. PRELIMINARY RESULTS OF THE NEFROCON STUDY</td>
<td>C. Gómez-González, Seville, Spain</td>
<td>Seville, Spain</td>
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<td>14:35-14:42</td>
<td>ACUTE KIDNEY INJURY IN THE INTENSIVE CARE UNIT ACCORDING TO RIFLE</td>
<td>Azime Bulut, Istanbul, Turkey</td>
<td>Istanbul, Turkey</td>
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<td>14:42-14:49</td>
<td>FACTORS DETERMINING NEPHROTOXICITY AND MORTALITY IN CRITICAL CARE PATIENTS RECEIVING COLISTIN</td>
<td>Seval Izdes, Ankara, Turkey</td>
<td>Ankara, Turkey</td>
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<td>14:49-14:56</td>
<td>PRIMARY INJURIES, SECONDARY ORGAN FAILURES AND NEW DEFINITIONS OF ACUTE KIDNEY INJURY IN TRAUMA PATIENTS TREATED WITH CONTINUOUS RENAL REPLACEMENT THERAPY</td>
<td>Sigrid Beitland, Oslo, Norway</td>
<td>Oslo, Norway</td>
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<td>14:56-15:03</td>
<td>VALIDITY OF CALCIUM INDEX FOR MONITORING OF REGIONAL CITRATE ANTICOAGULATION</td>
<td>Michael Zakharchenko, Prague, Czech Republic</td>
<td>Prague, Czech Republic</td>
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<td>15:03-15:10</td>
<td>A PROPENSITY SCORE ANALYSIS: RELATION BETWEEN PREOPERATIVE USE OF DIURETICS AND RENAL REPLACEMENT THERAPY AFTER CARDIAC SURGERY</td>
<td>Maria Dolores Arias-Verdu, Malaga, Spain</td>
<td>Malaga, Spain</td>
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15:10-15:17 TRANSPULMONARY THERMODILUTION (TPTD) AND PULSE CONTOUR ANALYSIS (PC) TO PREDICT FEASIBILITY OF FLUID REMOVAL DURING SUSTAINED LOW EFFICIENCY DIALYSIS (SLED) IN PATIENTS WITH ACUTE KIDNEY INJURY (AKI)
Abstract Presenter: Wolfgang Huber, Munich, Germany

15:17-15:24 CLINICAL IMPLEMENTATION OF AN ALGORITHM FOR REGIONAL CITRATE-ANTICOAGULATION CONTINUOUS VENO-VENOUS HEMODIALFILTRATION WITH A CONTROLLED EFFLUENT DOSE
Abstract Presenter: Christian Lanckohr, Münster, Germany

15:24-15:31 LACTATE CLEARANCE PREDICTS MORTALITY RATE IN SEPTIC ACUTE KIDNEY INJURY PATIENTS UNDERGOING CONTINUOUS VENOVENOUS HEMODIALFILTRATION (CVVHDF): AN OBSERVATIONAL STUDY
Abstract Presenter: Rogerio Passos, Salvador, Brazil

14:00-14:07 SELECTIVE DECONTAMINATION OF THE DIGESTIVE TRACT MODULATES THE METABOLIC PROFILE IN A VENTILATOR-INDUCED LUNG INJURY MODEL
Abstract Presenter: José Lorente, Getafe, Spain

14:07-14:14 ELEVATED LEVELS OF SOLUBLE RAGE PREDICT IMPAIRED ALVEOLAR FLUID CLEARANCE IN A TRANSLATIONAL MOUSE MODEL OF ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS)
Abstract Presenter: Raiko Blondonnet, Clermont-Ferrand, France

14:14-14:21 METABOLOGIC CHANGES BY MASS SPECTROMETRY IN LUNG TISSUE FROM SEPTIC RATS WITH MECHANICAL VENTILATION-INDUCED LUNG INJURY
Abstract Presenter: Yeny Rojas, Getafe, Spain

14:21-14:28 EFFECTS OF A RECRUITMENT MANEUVER ON PLASMA LEVELS OF SRAGE, THE SOLUBLE FORM OF THE RECEPTOR FOR ADVANCED GLYCATION END PRODUCTS, IN PATIENTS WITH DIFFUSE ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS)
Abstract Presenter: Matthieu Jabaudon, Clermont-Ferrand, France

14:28-14:35 RELATIONSHIP BETWEEN SERUM TYPE III PRO-COLLAGEN PEPTIDE AND ECMO DURATION IN SEVERE RESPIRATORY FAILURE
Abstract Presenter: Luigi Camporota, London, United Kingdom

14:35-14:42 COMPARATIVE ASSESSMENT OF EICOSANOIDS AS PREDICTORS FOR SEPTIC ACUTE RESPIRATORY DISTRESS SYNDROME
Abstract Presenter: Shigehiro Shibata, Morioka, Japan

14:42-14:49 INCREASED INFLAMMATION MARKERS INTERLEUKIN-8 AND MUCIN-5AC IN BRONCHOALVEOLAR LAVAGE FLUID AND LUNG INJURY AFTER CARDIOTHORACIC SURGERY WITH CARDIOPULMONARY BYPASS
Abstract Presenter: Hendrikje Melief, Leiderdorp, Netherlands

14:49-15:03 ALTERED EXPRESSION OF THE BONE MORPHOGENETIC ANTAGONISTS IN THE BLEOMYCIN MODEL OF ACUTE LUNG INJURY
Abstract Presenter: Noelle Murphy, Dublin, Ireland

15:03-15:10 PREDICTING ARDS MORTALITY: VALUE OF PLASMA ST2
Abstract Presenter: Marina García de Acilu, Barcelona, Spain
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<tr>
<td>15:03-15:10</td>
<td>Predictive Value of C- Reactive Protein in Acute Lung Injury Patients</td>
<td>Atef Mahrous, Alexandria, Egypt</td>
<td>15:03-15:10</td>
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<td>15:10-15:17</td>
<td>Serum Levels of Nitric Oxide As a Predictor of Survival in Acute Respiratory Distress Syndrome Caused by H1N1 Pneumonia?</td>
<td>Pedja Kovacevic, Banja Luka, Bosnia and Herzegovina</td>
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<td>14:00-15:50</td>
<td>Cardiac Arrest: Prognosis &amp; Outcomes</td>
<td>Xavier Monnet, Kremlin-Bicetre, France</td>
<td>14:00-15:50</td>
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<td>14:00-14:07</td>
<td>Low Serum Supar Concentration Predicts 90-Day Survival After Out-Of-Hospital Cardiac Arrest</td>
<td>Ville Jalkanen, Tampere, Finland</td>
<td>14:00-14:07</td>
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<td>14:07-14:14</td>
<td>Risk Adjusted Outcomes Following In-Hospital Cardiac Arrest: Day Versus Night and Weekend</td>
<td>Emily Robinson, London, United Kingdom</td>
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<td>14:14-14:21</td>
<td>The Potential Role of Auditory Evoked Potentials to Assess Prognosis in Comatose Survivors From Cardiac Arrest</td>
<td>Irene Lamanna, Bruxelles, Belgium</td>
<td>14:14-14:21</td>
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<td>14:35-14:42</td>
<td>Prognostic Value of Cerebral Oximetry After Cardiac Arrest: A Prospective Cohort Study</td>
<td>Adrien Bouglé, Paris, France</td>
<td>14:35-14:42</td>
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<td>14:42-14:49</td>
<td>Observational Study of In-Hospital Cardiac Arrests Outcomes in Octogenarians</td>
<td>Gautier Buzançais, Montpellier, France</td>
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<td>14:49-14:56</td>
<td>An Audit of Post Cardiac Arrest Management and Intensive Care Outcomes at the Royal Sussex County Hospital, Brighton, UK</td>
<td>Alexa Curtis, Brighton, United Kingdom</td>
<td>14:49-14:56</td>
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<td>14:56-15:03</td>
<td>Clinical Factors Affecting Good Neurological Outcomes at 1 Month in Patients with Out-Of-Hospital Cardiac Arrest: A 5-Year Retrospective Observational Cohort Study</td>
<td>Sung Hwan Kim, Seoul, Korea, Republic of</td>
<td>14:56-15:03</td>
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<td>15:03-15:10</td>
<td>Survival After In-Hospital Cardiac Arrest in a Developing Country: Retrospective Study Over 4 Years Period</td>
<td>Niraj Tyagi, Delhi, India</td>
<td>15:03-15:10</td>
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<td>15:10-15:17</td>
<td>The Impact of Organ Failure on Outcome of Patients After Cardiac Arrest</td>
<td>Fabio Silvio Taccone, Brussels, Belgium</td>
<td>15:10-15:17</td>
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INCREASED ADMISSION PENTRAxin 3 AND ST2 ARE ASSOCIATED WITH EARLY NON-NEUROLOGICAL ORGAN DYSFUNCTION BUT NOT WITH LONG-TERM MORTALITY AFTER OUT-OF-HOSPITAL CARDIAC ARREST
Abstract Presenter: Tero Varpula, Helsinki, Finland

POSITIVE TRENDS IN ADMISSION AND OUTCOME MEASURES FOLLOWING OUT OF HOSPITAL CARDIAC ARREST: EVIDENCE FOR OPTIMISM IN CRITICAL CARE CULTURE?
Abstract Presenter: Andrew Gardner, Oxford, United Kingdom

COAGULATION FACTOR AND PROGNOSIS IN PATIENTS AFTER CARDIOPULMONARY RESUSCITATION WITH THERAPEUTIC HYPOTHERMIA
Abstract Presenter: Lee Doo Hyo, Seoul, Korea, Republic of

14:00-15:50 ELECTROLYTES, MICRONUTRIENTS & VITAMINS
Chair: Mette Berger, Lausanne, Switzerland
Chair: Heleen Oudemans-van Straaten, Amsterdam, Netherlands

SEVERE HYponatraemia in CRITICAL ILLNESS
Abstract Presenter: Seung Lee, Liverpool, United Kingdom

THE RELATIONSHIP BETWEEN NUTRITION STATUS AND VITAMIN D LEVELS
Abstract Presenter: Kenneth Christopher, Boston, United States

INTERACTION BETWEEN ADIPOKINES AND THE METABOLIC STRESS RESPONSE: ANGPT L2, CXCL5 AND VISFATIN IN PATIENTS UNDERGOING CARDIAC SURGERY
Abstract Presenter: Andrea Kopp Lugli, Basel, Switzerland

HYPOMAGNESAEIA IN CRITICAL CARE
Abstract Presenter: Lucy Homer, Liverpool, United Kingdom

DOES INTRAVENOUS IRON INDUCE OXYDATIVE STRESS IN CRITICALLY ILL PATIENTS? A COMPARISON WITH HEALTHY VOLUNTEERS
Abstract Presenter: Sigismond Lasocki, Angers, France

INFLUENCE OF DYskaLeMIA AT ADMISSION AND EARLY DYskaLeMIA CORRECTION ON SURVIVAL OF CRITICALLY-ILL PATIENTS
Abstract Presenter: Stephan Mankikian, Paris, France

FEASIBILITY OF GASTRIC CONTENT ULTRASONOGRAPHIC MEASUREMENT BY INTENSIVISTS IN SURGICAL INTENSIVE CARE
Abstract Presenter: Hélène Darmon, Paris, France

EXISTING PRACTICES IN THE MANAGEMENT OF HYponatREMIA AND EFFICACY AND SAFETY OF VARIOUS TREATMENT MODALITIES IN PATIENTS WITH HYponatREMIA ADMITTED TO ICU
Abstract Presenter: Archana Ranjalkar, Cochin, India

THE EFFECTS OF VITAMIN C ON THE OXIDATIVE STRESS OF CRITICALLY ILL PATIENTS
Abstract Presenter: Evdoxia Tsigou, Athens, Greece

DYsNaTREMIA IN SUBARACHNOID HEMORRHAGE
Abstract Presenter: Vera Spatenkova, Liberec, Czech Republic

COPPER AND ZINC DISORDERS IN CRITICAL ILLNESS - A PILOT STUDY
Abstract Presenter: Ruben Yagubyan, Moscow, Russian Federation
15:17-15:24 EARLY PLASMA VITAMIN C CONCENTRATION, ORGAN DYSFUNCTION AND ICU MORTALITY
Abstract Presenter: Harm Jan de Grooth, Amsterdam, Netherlands

15:24-15:31 NUTRITIONAL SUPPORT IN ICU PATIENTS REQUIRING INTRAORTIC BALLOON PUMP
Abstract Presenter: José Maria Gomez-Lama, Las Palmas de Gran Canaria, Spain

15:31-15:38 CAUSES OF HYponATREMIA IN TRAUMATIC BRAIN INJURY PATIENTS IN ICU SETTINGS
Abstract Presenter: Khalil Ahmad, Dubai, United Arab Emirates

14:00-15:50 NEURO-INTENSIVE CARE
Chair: Romergriko Geocadin, Baltimore, United States
Chair: Hans Friberg, Lund, Sweden

14:00-14:07 PHOSPHORYLATED NEUROFILAMENT H (PNF-H) AS A DIAGNOSTIC MARKER IN ACUTE BRAIN INSULTS
Abstract Presenter: Mohamed Elghonemi, Cairo, Egypt

14:07-14:14 MORTALITY AFTER REFRACTORY STATUS EPILEPTICUS IN FINLAND
Abstract Presenter: Anne-Mari Kantanen, Kuopio, Finland

14:14-14:21 EARLY COMPLEMENT ACTIVATION IN ICU-ACQUIRED WEAKNESS: A PILOT STUDY
Abstract Presenter: Esther Witteveen, Amsterdam, Netherlands

14:21-14:28 TEMPORAL PROFILE OF JUGULAR AND SYSTEMIC S100B, AND LACTATE IN PATIENTS UNDER CERVICAL REGIONAL ANESTHESIA FOR CAROTID ENDARTERECTOMY
Abstract Presenter: Tihamer Molnar, Pecs, Hungary

14:28-14:35 THE UTILIZATION OF ELECTROENCEPHALOGRAPHY (EEG) IN THE INTENSIVE CARE UNIT: ARE WE FOLLOWING THE GUIDELINES?
Abstract Presenter: John Gordon Boyd, Kingston, Canada

14:35-14:42 ANOXIC COMA. THE BASELINE CLINICAL VARIABLES AND VEEG STUDY. CAN THE VEEG HELP US IN MEDICAL MANAGEMENT AND PROGNOSIS?
Abstract Presenter: Eva Benveniste, Barcelona, Spain

14:42-14:49 CHANGES IN THE LAST 11 YEARS OF THE INCIDENCE AND MECHANISM OF CRANEOENCEPHALIC INJURY ADMITTED TO AN INTENSIVE CARE UNIT IN SPAIN
Abstract Presenter: Carol Lorencio Cárdenas, Girona, Spain

14:49-14:56 THE INCIDENCE OF NEUROLOGICAL EVENTS DURING PREGNANCY REQUIRING NEUROINTENSIVE CARE IN THE EAST OF ENGLAND: OUR EXPERIENCE
Abstract Presenter: Chiara Robba, Cambridge, United Kingdom

14:56-15:03 CEREBRAL OXIMETRY ASSESSED BY NEAR-INFRARED SPECTROMETRY DURING PREECLAMPSIA: AN OBSERVATIONAL STUDY. A PRELIMINARY STUDY OF THE IMPACT OF MAGNESIUM SULFATE ADMINISTRATION
Abstract Presenter: Philippe Guerci, Vandoeuvre-Les-Nancy, France

15:03-15:10 DUPLEX ULTRASOUND SCREENING FOR LOWER EXTREMITY DEEP VENOUS THROMBOSIS IN CRITICALLY ILL NEUROSURGICAL PATIENTS
Abstract Presenter: Mai Elsayed, Cairo, Egypt

15:10-15:17 SCALE FOR EVALUATION OF BRAIN-STEM LESIONS IN PATIENTS WITH EXTRA MEDULLAR FOSSA-POSTERIOR TUMORS
Abstract Presenter: Vitaly Podlepich, Moscow, Russian Federation
### Scientific Programme

**15:17-15:24**  
**MANAGEMENT OF STATUS EPILEPTICUS IN A TUNISIAN INTENSIVE CARE UNIT**  
Abstract Presenter: Hassen Ben Ghezala, Zaghouan, Tunisia

**15:24-15:31**  
**PREVALENCE OF THIAMINE DEFICIENCY IN ICU PATIENTS**  
Abstract Presenter: Jeroen van Rosmalen, Tilburg, Netherlands

**15:31-15:38**  
**IMPACT OF OBESITY ON PATIENTS ADMITTED TO THE NEUROSCIENCES INTENSIVE CARE UNIT**  
Abstract Presenter: Julio Chalela, Charleston, United States

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**Poster Corner, Poster Corner**

**14:00-15:50**  
**TRANSFUSION & HAEMOSTASIS**  
Chair: Paul Hébert, Ottawa, Canada  
Chair: Michaël Casear, Leuven, Belgium

**14:00-14:07**  
**EPIDEMIOLOGY OF HAEMORRHAGIC COMPLICATIONS IN ADULTS UNDERGOING EXTRACORPOREAL MEMBRANE OXYGENATION IN INTENSIVE CARE**  
Abstract Presenter: Joris De Puydt, Edegem, Belgium

**14:07-14:14**  
**POSTOPERATIVE BLEEDING IN PATIENT AFTER LUNG TRANSPLANTATION, THE ROLE OF EXTRACORPOREAL MEMBRANE OXYGENATION**  
Abstract Presenter: Mauro Panigada, Milano, Italy

**14:14-14:21**  
**INFLUENCE OF PHLEBOTOMY PRACTICES ON ANAEMIA DEVELOPMENT IN SPANISH ICUS: THE ANEXUS STUDY**  
Abstract Presenter: Ainhoa Serrano, Valencia, Spain

**14:21-14:28**  
**MAJOR BLEEDING IN SURGICAL ICU PATIENTS: EARLY IDENTIFICATION OF COAGULATION ABNORMALITIES, THEIR PROGNOSTIC VALUE AND IMPACT ON ICU MORTALITY**  
Abstract Presenter: Kostoula Arvaniti, Thessaloniki, Greece

**14:28-14:35**  
**RED BLOOD CELL TRANSFUSION IN ICU PATIENTS WITH SEPTIC SHOCK - CHARACTERISTICS OF PATIENTS, UNITS GIVEN, TIMING AND ASSOCIATION TO MORTALITY**  
Abstract Presenter: Sofie Louise Rygård, Copenhagen Ø, Denmark

**14:35-14:42**  
**THE EFFICACY OF A TEMPORARY INFERIOR VENA CAVA FILTER IN CRITICALLY ILL PATIENTS WITH CONTRAINDICATIONS TO ANTICOAGULANT THERAPY**  
Abstract Presenter: Fabio Silvio Taccone, Brussels, Belgium

**14:42-14:49**  
**TISSUE ISCHEMIA IN SEVERE TRAUMATIC HEMORRHAGIC SHOCK IN DEPENDENCE OF CARDIAC OUTPUT AND HEMOGLOBIN MONITORED BY MICRODIALYSIS**  
Abstract Presenter: Filip Burša, Ostrava, Czech Republic

**14:49-14:56**  
**ARE WE USING FRESH FROZEN PLASMA APPROPRIATELY IN THE ICU?**  
Abstract Presenter: Kalpana Krishnareddy, Abu Dhabi, United Arab Emirates

**14:56-15:03**  
**PROGRESSIVE STUDY OF MODIFICATIONS IN TRANSFUSION TRIGGERS AND THE IMPLICATIONS FOR PROGNOSIS IN PATIENTS FOLLOWING EMERGENCY DIGESTIVE SURGERY IN ICU**  
Abstract Presenter: Inés Macías-Guarasa, Málaga, Spain

**15:03-15:10**  
**USE OF A MASSIVE HAEMORRHAGE PROTOCOL IN A UK DISTRICT GENERAL HOSPITAL IS ASSOCIATED WITH A REDUCTION IN MORTALITY**  
Abstract Presenter: Ben Taylor, Wolverhampton, United Kingdom
15:10-15:17  CAN THE PLATELET AGGREGATION TEST TO BE USEFUL FOR THE EMERGENCY CONTROL OF HEMOSTASIS DURING PREGNANCY?  
Abstract Presenter: Anatoly Kolesnichenko, Krasnoyarsk, Russian Federation

15:17-15:24  ANAEMIA IN CRITICAL CARE DUE TO REPEATED BLOOD SAMPLING  
Abstract Presenter: Fuhazia Arif, Surrey, United Kingdom

15:24-15:31  ANTICOAGULATION MONITORING DURING EXTRACORPOREAL MEMBRANE OXYGENATION IN ADULT PATIENTS  
Abstract Presenter: Giacomo Iapichino, Milano, Italy

15:31-15:38  AUTOLOGOUS TRANSFUSION TECHNIQUE IN MASSIVE OBSTETRIC HEMORRHAGE  
Abstract Presenter: Yury Raspopin, Krasnoyarsk, Russian Federation

14:00-15:50  SEPSIS CLINICAL MANAGEMENT II  
Chair: Anders Perner, Copenhagen, Denmark  
Chair: J. Christopher Farmer, Phoenix, United States

14:00-14:07  AGREEMENT OF THERAPEUTIC PROPOSALS DERIVED FROM EARLY HEMODYNAMIC ASSESSMENT USING TRANSPULMONARY THERMODILUTION AND TRANSESOPHAGEAL ECHOCARDIOGRAPHY IN SEPTIC SHOCK PATIENTS  
Abstract Presenter: Béatrice Riu-Poulenc, Toulouse, France

14:07-14:14  ACCURACY PROGNOSTIC USING PRESEPSIN AND PROADRENOMEDULLIN IN CRITICALLY SEPTIC PATIENTS  
Abstract Presenter: Maria-Victoria de la Torre-Prados, Málaga, Spain

14:14-14:21  PROGNOSTIC EVALUATION OF SEVERE SEPSIS AND SEPTIC SHOCK. PROCALCITONIN CLEARANCE VERSUS DELTA SOFA  
Abstract Presenter: Jose Azevedo, Sao Luis, Brazil

14:21-14:28  PROGNOSTIC VALUE OF ENDOCAN IN SEPTIC SHOCK  
Abstract Presenter: Adrien Bouglé, Paris, France

14:28-14:35  RESULTS OF IMPLEMENTATION OF AUTOMATIC ELECTRONIC ALERT PROGRAM FOR EARLY DETECTION OF SEVERE SEPSIS PATIENTS IN AN HOSPITAL WITH SEPSIS UNIT  
Abstract Presenter: Rafael Zaragóza, Valencia, Spain

14:35-14:42  ADEQUATE ANTIBIOTIC THERAPY PRIOR TO ICU ADMISSION IN PATIENTS WITH SEVERE SEPSIS AND SEPTIC SHOCK REDUCES HOSPITAL MORTALITY  
Abstract Presenter: Esperanza Fernández-Delgado, Seville, Spain

14:42-14:49  THE MORTALITY IN SEPSIS IS NOT DECREASING OVER YEARS IN SWEDEN  
Abstract Presenter: Christina Agvald-Öhman, Stockholm, Sweden

14:49-14:56  ADHERENCE TO SURVIVING SEPSIS CAMPAIGN RECOMMENDATIONS IN PATIENTS ADMITTED TO ICU. 2013 ENVIN-HELICS REGISTRY DATA  
Abstract Presenter: Xavier Nuvials, Lleida, Spain

14:56-15:03  PERIPHERAL NIRS VARIABLES ARE ALTERED EARLIER THAN OTHER PERFUSION VARIABLES AT THE ONSET OF SEPTIC SHOCK  
Abstract Presenter: Diego Orbegozo Cortes, Brussels, Belgium

15:03-15:10  CIRCULATING MITOCHONDRIAL DNA PREDICTS MORTALITY IN CRITICALLY ILL PATIENTS  
Abstract Presenter: Konstantin Krychtiuk, Vienna, Austria
MICROVASCULAR DYSFUNCTION AND MICROCIRCULATORY IMPACT OF THE TREATMENT IN PATIENTS WITH COMMUNITY ACQUIRED PNEUMONIA. A PILOT STUDY
Abstract Presenter: Judith Marin-Corral, Tarragona, Spain

PATIENT AND SITE CHARACTERISTICS AND VOLUMES OF RESUSCITATION FLUIDS IN SEVERE SEPSIS - A POST HOC ANALYSIS OF A RANDOMISED CLINICAL TRIAL
Abstract Presenter: Peter Hjortrup, Copenhagen, Denmark

THE EFFECTS OF THE QINGRE JIEDU TONGFU RECIPE ON ADJUNCT THERAPY IN SEPTIC SHOCK PATIENTS FROM ICU - A MULTICENTER PERSPECTIVE RANDOMIZED CONTROLLED STUDY
Abstract Presenter: Cai Guolong, HangZhou, China

SEPSIS TEAM IN THE ER
Abstract Presenter: Ana Araújo, Abrantes, Portugal

15:10-15:17

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14:48-15:06

15:06-15:24

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15:42-15:45
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<th>Time</th>
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<tr>
<td>14:48-14:51</td>
<td>Discussion</td>
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<td>14:51-15:06</td>
<td>Drug-induced</td>
<td>John Laffey, Galway, Ireland</td>
<td>Barcelona, Spain</td>
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<td>15:06-15:09</td>
<td>Discussion</td>
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<td>15:09-15:24</td>
<td>Ventilator-induced ARDS</td>
<td>Marcus Schultz, Amsterdam, Netherlands</td>
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<td>15:24-15:27</td>
<td>Discussion</td>
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<td>15:27-15:42</td>
<td>ARDS in patients with increased intraabdominal pressure</td>
<td>Antonio Pesenti, Monza, Italy</td>
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<td>15:42-15:45</td>
<td>Discussion</td>
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**Thematic Session, Berlin**

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<th>Time</th>
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<tr>
<td>14:15-15:45</td>
<td>AKI: MANAGING THE RARITIES</td>
<td>Lui Forni, Worthing, United Kingdom</td>
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<td>Eric Hoste, Ghent, Belgium</td>
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<td>14:15-14:30</td>
<td>Pulmonary renal syndromes on the ICU</td>
<td>Michael Joannidis, Innsbruck, Austria</td>
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<td>14:30-14:33</td>
<td>Discussion</td>
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<td>14:33-14:48</td>
<td>Vasculitis: What to look for</td>
<td>Lui Forni, Worthing, United Kingdom</td>
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<td>14:48-14:51</td>
<td>Discussion</td>
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<td>14:51-15:06</td>
<td>TLS and AKI: Prevention and treatment</td>
<td>Eric Hoste, Ghent, Belgium</td>
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<td>15:06-15:09</td>
<td>Discussion</td>
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<td>15:09-15:24</td>
<td>HUS/TTP and AKI</td>
<td>John Prowle, London, United Kingdom</td>
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<td>15:24-15:27</td>
<td>Discussion</td>
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<td>15:42-15:45</td>
<td>Discussion</td>
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**Thematic Session, Athens**

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<th>Time</th>
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<th>Speaker</th>
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<tr>
<td>14:15-15:45</td>
<td>UPDATE IN TRAUMA CARE</td>
<td>David Lockey, Bristol, United Kingdom</td>
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<td>Dietmar Fries, Innsbruck, Austria</td>
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<td>14:15-14:30</td>
<td>Non-surgical techniques for haemorrhage control</td>
<td>Dietmar Fries, Innsbruck, Austria</td>
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<td>14:30-14:33</td>
<td>Discussion</td>
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<td>14:33-14:48</td>
<td>Targeted coagulation management: An update</td>
<td>Jacques Duranteau, Kremlin-Bicetre, France</td>
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Scientific Programme

14:48-14:51 Discussion
14:51-15:06 The STOP the bleeding campaign guidelines
   Speaker: Jean-Louis Vincent, Brussels, Belgium
15:06-15:09 Discussion
15:09-15:24 Vasopressors in haemorrhagic shock
   Speaker: Marc Léone, Marseille, France
15:24-15:27 Discussion
15:27-15:42 Resuscitation endpoints
   Speaker: Martin Dünser, Salzburg, Austria
15:42-15:45 Discussion

Joint Session, Rome

14:15-15:45 JOINT WITH ISCCM - EXTERNAL INFLUENCES ON DELIVERY OF ICU CARE: IS OUTCOME SET BEFORE ADMISSION?
   Chair: Jean-Daniel Chiche, Paris, France
   Chair: Shivakumar Iyer, Pune, India
14:15-14:30 Access to urban acute care services in high- vs middle-income countries
   Speaker: Kathy Rowan, London, United Kingdom
14:30-14:33 Discussion
14:33-14:48 Caring for sepsis in the developing world: From SSC guidelines to prevention of nosocomial infections
   Speaker: Sameer Jog, Pune, India
14:48-14:51 Discussion
14:51-15:06 Can ICU types and practice patterns influence outcome?
   Speaker: Jigeeshu Divatia, Mumbai, India
15:06-15:09 Discussion
15:09-15:24 What is the most limited resource in western world ICUs?
   Speaker: Theodoros Kyprianou, Nicosia, Cyprus
15:24-15:27 Discussion
15:27-15:42 Critical care education. The simplest way to improve outcome?
   Speaker: Shivakumar Iyer, Pune, India
15:42-15:45 Discussion

State of the Art Session, Stockholm

14:15-15:45 OPTIMAL ANTIMICROBIAL CHOICE IN SEVERE SEPSIS
   Chair: George Dimopoulos, Athens, Greece
   Chair: Philippe Montravers, Paris, France
14:15-14:30 Rapid identification and resistance profile of bugs
   Speaker: Jordi Vila Estape, Barcelona, Spain
14:30-14:33 Discussion
14:33-14:48  Choice of antimicrobial classes  
Speaker: Christian Brun-Buisson, Créteil, France

14:48-14:51  Discussion

14:51-15:06  Immediate optimisation of antimicrobial dosing  
Speaker: Jan De Waele, Ghent, Belgium

15:06-15:09  Discussion

15:09-15:24  Determination of patient’s immune status  
Speaker: Jean-Daniel Chiche, Paris, France

15:24-15:27  Discussion

15:27-15:42  How to limit antimicrobial side effects  
Speaker: José Artur Paiva, Porto, Portugal

15:42-15:45  Discussion

State of the Art Session, Geneva

14:15-15:45  BIOMARKERS OF AKI  
Chair: Patrick Honoré, Brussels, Belgium  
Chair: Sean Bagshaw, Alberta, Canada

14:15-14:30  What do the biomarkers of AKI tell us about pathophysiology?  
Speaker: Marlies Ostermann, London, United Kingdom

14:30-14:33  Discussion

14:33-14:48  Can biomarkers guide the timing of RRT?  
Speaker: Sean Bagshaw, Alberta, Canada

14:48-14:51  Discussion

14:51-15:06  Prognosis of AKI: Do biomarkers have a role?  
Speaker: Patrick Honoré, Brussels, Belgium

15:06-15:09  Discussion

15:09-15:24  How may I use biomarkers in my clinical practice now and in the future?  
Speaker: Michael Darmon, Saint-Etienne, France

15:24-15:27  Discussion

15:27-15:42  My top five: Their strengths and weaknesses  
Speaker: Michael Joannidis, Innsbruck, Austria

15:42-15:45  Discussion

Continuous Professional Education Session, Paris

14:15-15:45  PUBLIC DISCLOSURE OF ICU OUTCOMES: A MUST AND A THREAT?  
Chair: Hans Flaatten, Bergen, Norway  
Chair: Bertrand Guidet, Paris, France

14:15-14:30  Different perspectives of ICU performance  
Speaker: Rui Paulo Moreno, Lisbon, Portugal

14:30-14:33  Discussion
14:33-14:48  Pitfalls of using standardised mortality ratio  
Speaker: Philipp Metnitz, Vienna, Austria
14:48-14:51  Discussion
14:51-15:06  Surrogates for the invisible: The role of quality indicators  
Speaker: Andrew Rhodes, London, United Kingdom
15:06-15:09  Discussion
15:09-15:24  Assessing and reporting of medical error  
Speaker: Andreas Valentin, Vienna, Austria
15:24-15:27  Discussion
15:27-15:42  Reporting to the public: In general terms or in detail?  
Speaker: Stephen J. Brett, London, United Kingdom
15:42-15:45  Discussion

Continuous Professional Education Session, Glasgow

14:15-15:45  DIFFICULT CONVERSATIONS: FINDING THE RIGHT WORDS  
Chair: Andrej Michalsen, Tettnang, Germany  
Chair: J. Randall Curtis, Seattle, United States
14:15-14:30  Disclosing medical errors  
Speaker: Bob Truog, Boston, United States
14:30-14:33  Discussion
14:33-14:48  Weighing prognoses  
Speaker: Paulo Maia, Porto, Portugal
14:48-14:51  Discussion
14:51-15:06  Debating treatment goals  
Speaker: Andrej Michalsen, Tettnang, Germany
15:06-15:09  Discussion
15:09-15:24  Considering organ donation  
Speaker: Rik Gerritsen, Leeuwarden, Netherlands
15:24-15:27  Discussion
15:27-15:42  Selecting vocabulary  
Speaker: J. Randall Curtis, Seattle, United States
15:42-15:45  Discussion

Joint Session, Amsterdam

14:15-15:45  JOINT WITH ESPNIC - CARING FOR CHILDREN IN THE ICU  
Chair: Jozef Kesecioglu, Utrecht, Netherlands  
Chair: Joe Brierley, London, United Kingdom
14:15-14:30  Disease and disability in childhood: An epidemiological overview of children in ICUs  
Speaker: Dick Tibboel, Rotterdam, Netherlands
14:30-14:33  Discussion
14:33-14:48  Attitudes and beliefs on quality of life of children with special healthcare needs  
Speaker: Samuel Ajizian, Winston Salem, United States

14:48-14:51  Discussion

14:51-15:06  In the best interest of the child: That’s the question  
Speaker: Bob Truog, Boston, United States

15:06-15:09  Discussion

15:09-15:27  Listening to parent’s wishes is an art  
Speaker: Joe Brierley, London, United Kingdom

15:09-15:27  Discussion

15:24-15:27  Role of nurses in complex multi-disciplinary case discussions  
Speaker: Ruth Endacott, Plymouth, United Kingdom

15:27-15:42  Discussion

15:42-15:45  Role of nurses in complex multi-disciplinary case discussions  
Speaker: Ruth Endacott, Plymouth, United Kingdom

15:42-15:45  Discussion

15:00-15:50  Thematic Session, NEXT Lounge

16:00-18:00  Thematic Session, Barcelona

16:00-16:15  Medical education for sepsis source control and antibiotics: The MEDUSA study  
Speaker: Frank Bloos, Jena, Germany

16:15-16:20  Discussion

16:20-16:35  Sepsis pathophysiological & organisational timing: The SPOT(Light) study  
Speaker: Steve Harris, London, United Kingdom

16:35-16:40  Discussion

16:40-16:55  Placebo controlled trial of sodium selenite and procalcitonin guided antimicrobial therapy in severe sepsis (SISPCT)  
Speaker: Konrad Reinhart, Jena, Germany

16:55-17:00  Discussion

17:00-17:15  Understanding the global impact of acute respiratory failure. The LUNG-SAFE study  
Speaker: John Laffey, Galway, Ireland

17:15-17:20  Discussion

17:20-17:35  Clinical effect of the association of noninvasive ventilation & high flow nasal oxygen therapy in resuscitation of patients with acute lung injury: The FLORALI study  
Speaker: Jean-Pierre Frat, Poitiers, France

17:35-17:40  Discussion

17:40-17:55  HMG-CoA reductase inhibition with simvastatin in ARDS to Reduce Pulmonary dysfunction (HARP-2) trial: A randomized controlled trial  
Speaker: Danny McAuley, Belfast, Ireland
17:55-18:00 Discussion

16:00-18:00 JOINT WITH SCCM - SEPSIS AROUND THE WORLD
Chair: Jean-Daniel Chiche, Paris, France
Chair: J. Christopher Farmer, Phoenix, United States

16:00-16:15 Why do we need a new definition?
Speaker: Clifford Deutschman, Philadelphia, United States

16:15-16:20 Discussion

16:20-16:35 The San Francisco definition
Speaker: Mervyn Singer, London, United Kingdom

16:35-16:40 Discussion

16:40-16:55 The IMPRESS study
Speaker: Andrew Rhodes, London, United Kingdom

16:55-17:00 Discussion

17:00-17:15 Sepsis in 2014: From performance metrics to outcome
Speaker: Mitchell Levy, Providence, United States

17:15-17:20 Discussion

17:20-17:35 SSC haemodynamic recommendations - Where shall we go now?
Speaker: Richard Beale, London, United Kingdom

17:35-17:40 Discussion

17:40-17:55 Fighting sepsis in resources-limited settings: The SSC initiative
Speaker: J. Christopher Farmer, Phoenix, United States

17:55-18:00 Discussion

16:00-18:00 PROTECTIVE VENTILATION: FOR EVERYONE?
Chair: Antonio Pesenti, Monza, Italy
Chair: Jesus Villar, Las Palmas de Gran Canaria, Spain

16:00-16:15 Revisiting the concept of VILI
Speaker: Luciano Gattinoni, Milan, Italy

16:15-16:20 Discussion

16:20-16:35 Protective ventilation in anaesthesia
Speaker: Samir Jaber, Montpellier, France

16:35-16:40 Discussion

16:40-16:55 Protective ventilation in non ARDS patients
Speaker: Marcus Schultz, Amsterdam, Netherlands

16:55-17:00 Discussion

17:00-17:15 Protective ventilation during spontaneous breathing
Speaker: Paolo Pelosi, Genova, Italy
## Scientific Programme

### 17:15-17:20
Discussion

### 17:20-17:35
**From protective to ultraprotective ventilation**  
Speaker: Michael Quintel, Göttingen, Germany

### 17:35-17:40
Discussion

### 17:40-17:55
**Protective ventilation and Open Lung Strategy: How do they get along?**  
Speaker: Alain Mercat, Angers, France

### 17:55-18:00
Discussion

### 16:00-18:00
**JOINT WITH ERC - CARDIAC ARREST UPDATE**
Chair: Kjetil Sunde, Oslo, Norway  
Chair: Alain Cariou, Paris, France

- **16:00-16:15**  
  **The role of ETCO2 monitoring during cardiac arrest**  
  Speaker: Claudio Sandroni, Rome, Italy

- **16:15-16:20**  
  Discussion

- **16:20-16:35**  
  **Mechanical devices during advanced life support**  
  Speaker: Kjetil Sunde, Oslo, Norway

- **16:35-16:40**  
  Discussion

- **16:40-16:55**  
  **ECMO in refractory cardiac arrest**  
  Speaker: Bruno Mégarbane, Paris, France

- **16:55-17:00**  
  Discussion

- **17:00-17:15**  
  **Controlled reoxygenation**  
  Speaker: Jerry Nolan, Bath, United Kingdom

- **17:15-17:20**  
  Discussion

- **17:20-17:35**  
  **Urgent coronary angiography after cardiac arrest**  
  Speaker: Alain Cariou, Paris, France

- **17:35-17:40**  
  Discussion

- **17:40-17:55**  
  **Temperature management after the TTM Trial**  
  Speaker: Hans Friberg, Lund, Sweden

- **17:55-18:00**  
  Discussion

### 16:00-18:00
**FLUID ADMINISTRATION**
Chair: Christoph Hofer, Zurich, Switzerland  
Chair: Jean-Louis Teboul, Kremlin-Bicetre, France

- **16:00-16:15**  
  **From microcirculation to the glycocalix**  
  Speaker: Can Ince, Amsterdam, Netherlands

- **16:15-16:20**  
  Discussion

- **16:20-16:35**  
  **Fluids and functional haemodynamic monitoring**  
  Speaker: Jean-Louis Teboul, Kremlin-Bicetre, France
Scientific Programme

16:35-16:40  Discussion

16:40-16:55  Fluids: Are they all the same?
Speaker: Richard Beale, London, United Kingdom

16:55-17:00  Discussion

17:00-17:15  Using echocardiography to guide fluid therapy
Speaker: Christoph Hofer, Zurich, Switzerland

17:15-17:20  Discussion

17:20-17:35  Predicting blood pressure response
Speaker: Ignacio Monge Garcia, Jerez de la Frontera, Spain

17:35-17:40  Discussion

17:40-17:55  Real life data from the FENICE Trial
Speaker: Maurizio Cecconi, London, United Kingdom

17:55-18:00  Discussion

State of the Art Session, Stockholm

16:00-18:00  OXYGEN METABOLISM IN SEVERE SEPSIS
Chair: Claude Martin, Marseille, France
Chair: Bruno Levy, Vandoeuvre les Nancy, France

16:00-16:15  How to use VO2?
Speaker: Ricard Ferrer Roca, Sabadell, Spain

16:15-16:20  Discussion

16:20-16:35  ScvO2: Use and misuse
Speaker: Pierre Squara, Neuilly-sur-Seine, France

16:35-16:40  Discussion

16:40-16:55  Lactate clearance
Speaker: Bruno Levy, Vandoeuvre les Nancy, France

16:55-17:00  Discussion

17:00-17:15  PCO2 gap
Speaker: Michael Sander, Berlin, Germany

17:15-17:20  Discussion

17:20-17:35  Tissue oxygen measurements
Speaker: Jan Bakker, Rotterdam, Netherlands

17:35-17:40  Discussion

17:40-17:55  Therapeutic tools
Speaker: Igancio Martin-Loeches, Dublin, Ireland

17:55-18:00  Discussion
Scientific Programme

State of the Art Session, Geneva

16:00-18:00 MULTIMODAL NEUROMONITORING-RESULTS FROM AN INTERNATIONAL CONSENSUS
Chair: Peter LeRoux, Philadelphia, United States
Chair: David Menon, Cambridge, United Kingdom

16:00-16:15 The rationale for an international consensus
Speaker: Peter LeRoux, Philadelphia, United States

16:15-16:20 Discussion

16:20-16:35 ICP monitoring
Speaker: Giuseppe Citerio, Monza, Italy

16:35-16:40 Discussion

16:40-16:55 Brain oxygenation monitoring
Speaker: Mauro Oddo, Lausanne, Switzerland

16:55-17:00 Discussion

17:00-17:15 Systemic monitoring of NICU patients
Speaker: Fabio Silvio Taccone, Brussels, Belgium

17:15-17:20 Discussion

17:20-17:35 Bedside assessment of CBF and autoregulation
Speaker: Michael Diringer, St. Louis, United States

17:35-17:40 Discussion

17:40-17:55 EEG monitoring
Speaker: Jan Claassen, New York, United States

17:55-18:00 Discussion

Continuous Professional Education Session, Paris

16:00-18:00 CARDIOVASCULAR DYNAMICS: BACK TO BASICS
Chair: Azriel Perel, Tel Aviv, Israel
Chair: Michael Pinsky, Pittsburgh, United States

16:00-16:15 Central venous pressure
Speaker: Richard Beale, London, United Kingdom

16:15-16:20 Discussion

16:20-16:35 Cardiac output
Speaker: Jean-Louis Vincent, Brussels, Belgium

16:35-16:40 Discussion

16:40-16:55 Why is the right ventricle so important?
Speaker: Antoine Vieillard-Baron, Boulogne, France

16:55-17:00 Discussion

17:00-17:15 Heart-lung interactions
Speaker: Michael Pinsky, Pittsburgh, United States

17:15-17:20 Discussion
Scientific Programme

17:20-17:35  What is hypoperfusion?
Speaker: Daniel De Backer, Brussels, Belgium
17:35-17:40  Discussion
17:40-17:55  Physiology of the microcirculation
Speaker: Can Ince, Amsterdam, Netherlands
17:55-18:00  Discussion

Continuous Professional Education Session, Glasgow

16:00-18:00  UNRAVELLING THE COMPLEX ICU PATIENT
Chair: Carole Boulanger, Exeter, United Kingdom
Chair: Elsa Afonso, London, United Kingdom
16:00-16:15  Caring for the patient with an open abdomen
Speaker: Deborah Dawson, London, United Kingdom
16:15-16:20  Discussion
16:20-16:35  Intracranial haemorrhage and thrombosis prophylaxis
Speaker: Elsa Afonso, London, United Kingdom
16:35-16:40  Discussion
16:40-16:55  COPD in the ICU? Gasing for hope
Speaker: Carole Boulanger, Exeter, United Kingdom
16:55-17:00  Discussion
17:00-17:15  Respiratory distress in the obese patient
Speaker: Dani Martí Romeu, Barcelona, Spain
17:15-17:20  Discussion
17:20-17:35  The patient with drug or alcohol addiction
Speaker: Carole Boulanger, Exeter, United Kingdom
17:35-17:40  Discussion
17:40-17:55  Patients at risk of pressure ulcers: Smoking, vasopressors, burns
Speaker: Stijn Blot, Ghent, Belgium
17:55-18:00  Discussion

Thematic Session, Amsterdam

16:00-18:00  CNS INFLAMMATION AND INFECTION
Chair: Tarek Sharshar, Paris, France
Chair: Raimund Helbok, Innsbruck, Austria
16:00-16:15  Brain-inflammation cross-talk
Speaker: Tarek Sharshar, Paris, France
16:15-16:20  Discussion
16:20-16:35  Bacterial encephalitis
Speaker: Claude Hemphill, San Francisco, United States
16:35-16:40  Discussion
Scientific Programme

16:40-16:55 Immune-mediated encephalitis
Speaker: Tarek Sharshar, Paris, France

16:55-17:00 Discussion

17:00-17:15 Encephalitis in immuno-compromised patients
Speaker: Romergriko Geocadin, Baltimore, United States

17:15-17:20 Discussion

17:20-17:35 EVD-related infections
Speaker: Raimund Helbok, Innsbruck, Austria

17:35-17:40 Discussion

17:40-17:55 Neurological complications of antibiotics
Speaker: Fabio Silvio Taccone, Brussels, Belgium

17:55-18:00 Discussion

18:15-19:30 ESICM GENERAL ASSEMBLY

18:15-18:30 Welcome / Introduction
Speaker: Jean-Daniel Chiche, Paris, France

18:30-18:45 Division of Administrative Affairs Secretary Treasurer
Speaker: Geoffrey Bellingan, London, United Kingdom
Speaker: Jordi Mancebo Cortes, Barcelona, Spain

18:45-19:00 Division of Scientific Affairs
Speaker: Jozef Kesecioglu, Utrecht, Netherlands

19:00-19:15 Division of Professional Development
Speaker: Francesca Rubulotta, London, United Kingdom

19:15-19:30 Other matters Questions and answers from the members

20:00-22:30 ICM RESEARCH: EVERYTHING YOU NEED FOR A CRACKING START!
CHALLENGE PRESENTATION & FEEDBACK EVENING

20:00-20:10 Introduction
Speaker: Jacques Duranteau, Kremlin-Bicetre, France

20:10-20:40 Team 1 presentation

20:40-21:10 Team 2 presentation

21:10-21:40 Team 3 presentation

21:40-22:10 Feedback conclusion
Wednesday, 01. October 2014

Keynote Lecture, Barcelona

08:00-08:25  ICU ACQUIRED WEAKNESS: CLINICAL PHENOTYPES AND DETERMINANTS
Chair: Marco Ranieri, Turin, Italy

08:00-08:25  Presentation
Speaker: Margaret Herridge, Toronto, Canada

Thematic Session, Barcelona

08:30-10:00  INNOVATIVE THERAPIES IN SEPSIS
Chair: Laurent Papazian, Marseille, France
Chair: Claude Martin, Marseille, France

08:30-08:45  Statins
Speaker: Laurent Papazian, Marseille, France

08:45-08:48  Discussion

08:48-09:03  Cellular effects of corticosteroids
Speaker: Karim Asehnoune, Nantes, France

09:03-09:06  Discussion

09:06-09:21  Erythropoietin
Speaker: Carole Ichai, Nice, France

09:21-09:24  Discussion

09:24-09:39  Selenate
Speaker: Anne-Cornélie de Pont, Amsterdam, Netherlands

09:39-09:42  Discussion

09:42-09:57  Beta-blockers
Speaker: Andrea Morelli, Rome, Italy

09:57-10:00  Discussion

Thematic Session, Vienna

08:30-10:00  FLUIDS: THE GOOD AND THE BAD
Chair: Anders Perner, Copenhagen, Denmark
Chair: Maurizio Cecconi, London, United Kingdom

08:30-08:45  Crystalloids: As good as you think?
Speaker: Anders Perner, Copenhagen, Denmark

08:45-08:48  Discussion

08:48-09:03  Artificial colloids: Only bad?
Speaker: Konrad Reinhart, Jena, Germany

09:03-09:06  Discussion
09:06-09:21  Albumin: The good and the bad  
Speaker: Luciano Gattinoni, Milan, Italy

09:21-09:24  Discussion

09:24-09:39  Other blood products: Only good?  
Speaker: Gernot Marx, Aachen, Germany

09:39-09:42  Discussion

09:42-09:57  Paediatric patients: All good?  
Speaker: Mark Peters, London, United Kingdom

09:57-10:00  Discussion

Thematic Session, Berlin

**08:30-10:00**  NEUROPROGNOSTICATION FOLLOWING CARDIAC ARREST  
Chair: Fabio Silvio Taccone, Brussels, Belgium  
Chair: Romergriko Geocadin, Baltimore, United States

08:30-08:45  Clinical examination  
Speaker: Tarek Sharshar, Paris, France

08:45-08:48  Discussion

08:48-09:03  EEG and evoked potentials  
Speaker: Mauro Oddo, Lausanne, Switzerland

09:03-09:06  Discussion

09:06-09:21  Neurological outcome after paediatric cardiac arrest  
Speaker: Mark Peters, London, United Kingdom

09:21-09:24  Discussion

09:24-09:39  Neuroimaging and biomarkers  
Speaker: Raimund Helbok, Innsbruck, Austria

09:39-09:42  Discussion

09:42-09:57  A practical recommendation  
Speaker: Romergriko Geocadin, Baltimore, United States

09:57-10:00  Discussion

Thematic Session, Athens

**08:30-10:00**  NEW FRONTIERS FOR ACUTE KIDNEY INJURY MANAGEMENT  
Chair: Lui Forni, Worthing, United Kingdom  
Chair: John Prowle, London, United Kingdom

08:30-08:45  Will my patient develop AKI after surgery?  
Speaker: Heleen Oudemans-van Straaten, Amsterdam, Netherlands

08:45-08:48  Discussion

08:48-09:03  AKI in the trauma patient  
Speaker: Martin Dünser, Salzburg, Austria

09:03-09:06  Discussion
27th Annual Congress of the European Society of Intensive Care Medicine,
27 September - 1 October 2014,
Barcelona, Spain

Scientific Programme

09:06-09:21 Preventing AKI after emergency abdominal surgery
Speaker: Eric Hoste, Ghent, Belgium

09:21-09:24 Discussion

09:24-09:39 Fluid management for the AKI patient
Speaker: Rupert Pearse, London, United Kingdom

09:39-09:42 Discussion

09:42-09:57 Preventing chronic kidney disease after AKI
Speaker: John Prowle, London, United Kingdom

09:57-10:00 Discussion

08:30-10:00 (RE)MODELLING OF ICU ORGANISATION: A PATIENT CENTERED ANALYSIS
Chair: Peter van der Voort, Amsterdam, Netherlands
Chair: Akos Csomos, Budapest, Hungary

08:30-08:45 Relative’s perspective
Speaker: Hans Ulrich Rothen, Bern, Switzerland

08:45-08:48 Discussion

08:48-09:03 What is the effect of more or less ICUs in a country?
Speaker: Peter van der Voort, Amsterdam, Netherlands

09:03-09:06 Discussion

09:06-09:21 What is the effect of centralisation of ICU resources?
Speaker: Julian Bion, Birmingham, United Kingdom

09:21-09:24 Discussion

09:24-09:39 The impact of changes in the ICU workforce
Speaker: Stephen J. Brett, London, United Kingdom

09:39-09:42 Discussion

09:42-09:57 Which factors have the largest impact on cost and patient outcomes?
Speaker: Akos Csomos, Budapest, Hungary

09:57-10:00 Discussion

08:30-10:00 CRITICAL CARE IN THE PRE-HOSPITAL SETTING
Chair: Hans Friberg, Lund, Sweden
Chair: David Lockey, Bristol, United Kingdom

08:30-08:45 Pre-hospital trauma care: The Londons' air ambulance experience
Speaker: David Lockey, Bristol, United Kingdom

08:45-08:48 Discussion

08:48-09:03 Pre-hospital management of vascular injuries
Speaker: Dietmar Fries, Innsbruck, Austria
Scientific Programme

09:03-09:06  Discussion
09:06-09:21  Sonography in the pre-hospital setting: Meaningful tool or toy?
Speaker: Jacques Duranteau, Kremlin-Bicetre, France
09:21-09:24  Discussion
09:24-09:39  Management of the intoxicated patient in the pre-hospital setting
Speaker: Bruno Mégarbane, Paris, France
09:39-09:42  Discussion
09:42-09:57  Controversies in prehospital airway management
Speaker: Karim Asehnoune, Nantes, France
09:57-10:00  Discussion

Thematic Session, Geneva

08:30-10:00  HOW TO WALK OUT OF THE ICU: MUSCLE LOSS & FUNCTION
Chair: Steffen Weber-Carstens, Berlin, Germany
Chair: Sergio Ruiz Santana, Las Palmas de Gran Canaria, Spain
08:30-08:45  Functional assessment
Speaker: Nicholas Hart, London, United Kingdom
08:45-08:48  Discussion
08:48-09:03  Comprehensive exercise testing & muscle function
Speaker: Julia Wendon, London, United Kingdom
09:03-09:06  Discussion
09:06-09:21  Imaging techniques: US, CT, MRI
Speaker: Michael Hiesmayr, Vienna, Austria
09:21-09:24  Discussion
09:24-09:39  Morphological changes
Speaker: Michaël Casear, Leuven, Belgium
09:39-09:42  Discussion
09:42-09:57  How to promote recovery
Speaker: Steffen Weber-Carstens, Berlin, Germany
09:57-10:00  Discussion

Thematic Session, Paris

08:30-10:00  GUIDELINES ON PAIN, SEDATION AND DELIRIUM MANAGEMENT
Chair: Sangeeta Mehta, Toronto, Canada
Chair: Michael Sander, Berlin, Germany
08:30-08:45  Bedside assessment of ICU delirium
Speaker: Arjen Slooter, Utrecht, Netherlands
08:45-08:48  Discussion
08:48-09:03  Guidelines on analgesia, sedation and delirium monitoring
Speaker: Hannah Wunsch, New York, United States
Scientific Programme

09:03-09:06  Discussion
09:06-09:21  Which sedatives are safe?
Speaker: Sangeeta Mehta, Toronto, Canada
09:21-09:24  Discussion
09:24-09:39  Local strategies to increase guideline adherence
Speaker: Tarek Sharshar, Paris, France
09:39-09:42  Discussion
09:42-09:57  Using e-media for education and implementation
Speaker: Claudia Spies, Berlin, Germany
09:57-10:00 Discussion

Thematic Session, Glasgow
08:30-10:00  MDR MICROORGANISMS: BAD BUGS, NO DRUGS?
Chair: Jean Carlet, Paris, France
Chair: Jan De Waele, Ghent, Belgium
08:30-08:45  Epidemiology and resistance worldwide: Where are we now?
Speaker: Steve Opal, Pawtucket, United States
08:45-08:48 Discussion
08:48-09:03  How to limit MDR spread
Speaker: Christian Brun-Buisson, Créteil, France
09:03-09:06 Discussion
09:06-09:21  How resistant bugs may kill patient?
Speaker: Jordi Vila Estape, Barcelona, Spain
09:21-09:24 Discussion
09:24-09:39 Treatment strategies: Gram negative bacterias
Speaker: Jean-François Timsit, Paris, France
09:39-09:42 Discussion
09:42-09:57 Treatment strategies: Gram positive bacterias
Speaker: George Dimopoulos, Athens, Greece
09:57-10:00 Discussion

Thematic Session, Amsterdam
08:30-10:00  ELECTROLYTE DISTURBANCE: FROM UNDERSTANDING TO SMART CORRECTION
Chair: Valentin Fuhrmann, Hamburg, Germany
Chair: John Kellum, Pittsburgh, United States
08:30-08:45 Sodium
Speaker: Carole Ichai, Nice, France
08:45-08:48 Discussion
08:48-09:03    Chloride  
Speaker: Wilfred Druml, Vienna, Austria
09:03-09:06    Discussion
09:06-09:21    Phosphate  
Speaker: Annika Reintam Blaser, Tartu, Estonia
09:21-09:24    Discussion
09:24-09:39    Magnesium  
Speaker: Kenneth Christopher, Boston, United States
09:39-09:42    Discussion
09:42-09:57    How all electrolytes fit in the Stewart equation  
Speaker: John Kellum, Pittsburgh, United States
09:57-10:00    Discussion

Oral Presentations, Barcelona

10:10-11:30   WHAT'S NEW IN CARDIOVASCULAR DYNAMICS AND CARDIAC ARREST?
Chair: Alain Cariou, Paris, France  
Chair: Olaf Cremer, Utrecht, Netherlands
10:10-10:25   INCIDENCE, RISK FACTORS AND OUTCOMES OF NEW-ONSET ATRIAL Fibrillation in Critically Ill Patients with Sepsis  
Abstract Presenter: P.M.C. Klein Klouwenberg, Utrecht, Netherlands
10:25-10:40   Arterial Carbon Dioxide Levels Predict In-Hospital Mortality Independent of Arterial Oxygen After Resuscitation from Cardiac Arrest  
Abstract Presenter: Hendrik Helmerhorst, Leiden, Netherlands
10:40-10:55   Acute Kidney Injury After Out-Of-Hospital Cardiac Arrest: Prevalence, Risk Factors and Outcome  
Abstract Presenter: Guillaume Geri, Paris, France
10:55-11:10   Preload-Dependence Indices to Titrate Volume Expansion During Septic Shock: A Randomized Controlled Trial  
Abstract Presenter: Jean-Christophe Richard, Lyon, France
11:10-11:25   Pulmonary Hypertension Possibly Linked to Left Heart Disease in COPD  
Abstract Presenter: Eftychia Galiatsou, Ioannina, Greece

Oral Presentations, Vienna

10:10-11:30   PNEUMONIA
Chair: Antonio Torres, Barcelona, Spain  
Chair: Mercedes Palomar, Barcelona, Spain
10:10-10:25   Diagnosing Pneumonia on the Intensive Care Unit with Serum 1H NMR Spectroscopy  
Abstract Presenter: David Antcliffe, London, United Kingdom
10:25-10:40   Risks and Prognostic Factors for ICU-Acquired Pneumonia Due to Pseudomonas aeruginosa with and without Multidrug Resistance  
Abstract Presenter: Miquel Ferrer, Barcelona, Spain
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Abstract Presenter</th>
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</thead>
<tbody>
<tr>
<td>10:40-10:55</td>
<td>Serum Levels of Immunoglobulins (Ig) and Severity of Community-Acquired Pneumonia (CAP)</td>
<td>M.Carmen de la Torre, Mataro, Spain</td>
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<tr>
<td>10:55-11:10</td>
<td>Contribution of Tracheal PH in the Early Diagnosis of Ventilator-Associated Pneumonia (VAP) - Preliminary Results</td>
<td>Mariem Ben Romdhane, Sidi Daoued, Tunisia</td>
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<td>10:10-11:30</td>
<td>Insights into Pathogenesis of AKI</td>
<td>Heleen Oudemans-van Straaten, Amsterdam, Netherlands</td>
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<td>Marlies Ostermann, London, United Kingdom</td>
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<td>10:10-10:25</td>
<td>Administration of Tetrahydrobiopterin (BH4) Protects Renal Microcirculation After Ischemia and Reperfusion</td>
<td>Lokmane Rahmania, Brussels, Belgium</td>
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<td>10:25-10:40</td>
<td>Mitochondrial Dysfunction Contributes to Sepsis-Induces Acute Kidney Injury</td>
<td>Elisabetta Greco, London, United Kingdom</td>
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<td>10:40-10:55</td>
<td>A Re-Audit of Appropriate Antibiotic Dosing According to Renal Function or Renal Replacement Therapy in Critical Care</td>
<td>Kieran Donnelly, Birmingham, United Kingdom</td>
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<td>10:55-11:10</td>
<td>Early Tubular Cellular Stress Detected by Urinary Biomarkers TIMP-2 and IGFBP7 is Associated with Increased 28-Days Mortality</td>
<td>Ivan Gocze, Regensburg, Germany</td>
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<tr>
<td>11:10-11:25</td>
<td>Microparticle-Bound Endoglin (CD105-MPS) is Associated with Acute Renal Failure During Septic Shock</td>
<td>Xavier Delabranche, Strasbourg, France</td>
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<td>10:10-11:30</td>
<td>Acute Lung Injury: Experimental Studies</td>
<td>Samir Jaber, Montpellier, France</td>
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<td>Salvatore Maggiore, Rome, Italy</td>
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<td>10:10-10:25</td>
<td>High Respiratory Rate Favors Pulmonary EDEMA in an Experimental Model of Acute Lung Injury</td>
<td>Jaime Retamal, Uppsala, Sweden</td>
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<td>10:25-10:40</td>
<td>Time Course of VILI Development: A CT Scan Study</td>
<td>Chiara Chiurazzi, Milano, Italy</td>
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<td>10:40-10:55</td>
<td>Identification and Validation of a miRNA as a Diagnostic Biomarker of Diffuse Alveolar Damage in an Animal Model of Acute Lung Injury and Adult Respiratory Distress Syndrome in Mechanically Ventilated Patients</td>
<td>José Lorente, Getafe, Spain</td>
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<td>Time</td>
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<td>10:55-11:10</td>
<td>TEMPORAL CHANGES IN TIDAL RECRUITMENT COMPARED TO HISTOLOGIC OUTCOME IN EXPERIMENTAL ACUTE RESPIRATORY DISTRESS SYNDROME</td>
<td>Juliane Haase, Leipzig, Germany</td>
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<td>11:10-11:25</td>
<td>MECHANISMS OF PULMONARY INFLATION DURING LUNG INJURY ASSESSED BY SYNCHROTRON RADIATION COMPUTED TOMOGRAPHY</td>
<td>Gaetano Perchiazzi, Bari, Italy</td>
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<td>10:10-11:30</td>
<td>WHAT'S NEW IN SEPSIS AND INFECTION?</td>
<td>Richard Beale, London, United Kingdom, Jean Carlet, Paris, France</td>
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<td>10:10-10:25</td>
<td>IN PATIENTS WITH SEVERE SEPSIS MICROPARTICLE PROFILES DIFFER ACCORDING TO THE SOURCE OF INFECTION</td>
<td>Hazem Lashin, London, United Kingdom</td>
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<tr>
<td>10:25-10:40</td>
<td>PERFORMANCE OF NEW HIGH PERFORMANCE DRESSINGS AS COMPARED TO TRADITIONAL ONES IN PREVENTION INFECTION AND NON INFECTION COMPLICATIONS OF CATHETERS IN ICU: A RANDOMIZED CONTROLLED STUDY</td>
<td>Silvia Calvino Günther, Grenoble, France</td>
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<tr>
<td>10:40-10:55</td>
<td>EFFECTS OF OXYGEN STATUS ON THE INNATE IMMUNE RESPONSE IN HUMANS IN VIVO</td>
<td>Dorien Kiers, Nijmegen, Netherlands</td>
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<td>10:55-11:10</td>
<td>CLINICAL SIGNIFICANCE OF PERIPHERAL VENOUS OXYGEN SATURATION IN PATIENTS WITH SEVERE SEPSIS OR SEPTIC SHOCK AFTER INITIAL RESUSCITATION</td>
<td>Heajin Chung, Sungnam-si, Gyeonggi-do, Korea, Republic of</td>
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<td>11:10-11:25</td>
<td>MEROPENEM AND PIPERACILLIN CONCENTRATIONS IN ICU PATIENTS TREATED WITH CONTINUOUS RENAL REPLACEMENT THERAPY</td>
<td>Johan Petersson, Stockholm, Sweden</td>
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<td>10:10-11:30</td>
<td>SEVERITY ASSESSMENT</td>
<td>Hannah Wunsch, New York, United States, Jan Wernerman, Stockholm, Sweden</td>
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<td>10:10-10:25</td>
<td>LONG TERM CHANGES IN DYSNATREMIA INCIDENCE IN THE ICU. A SWITCH FROM HYPNATREMIA TO HYPERNATREMIA</td>
<td>Annemieke Oude Lansink, Groningen, Netherlands</td>
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<td>10:25-10:40</td>
<td>CAN STRONG ION DIFFERENCE-WITHOUT LACTATE (SIDWL) BE USED AS A PROGNOSTIC INDICATOR FOR MORTALITY AT THE INTENSIVE CARE UNIT ADMISSION?</td>
<td>Hakan Korkut Atalan, Istanbul, Turkey</td>
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<tr>
<td>10:40-10:55</td>
<td>INFLUENCE OF HOSPITAL BED DESIGN ON PATIENT MIGRATION</td>
<td>Kermit Davis, Cincinnati, United States</td>
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<td>10:55-11:10</td>
<td>IMPACT OF BODY MASS INDEX, PERFORMANCE STATUS, COMORBIDITIES AND THEIR INTERPLAY ON THE SHORT TERM PROGNOSIS OF MEDICAL ADMISSIONS TO THE ICU</td>
<td>Fernando Zampieri, São Paulo, Brazil</td>
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<td>11:10-11:25</td>
<td>COMPARISON BETWEEN REVISED ATLANTA CLASSIFICATION AND DETERMINANT-BASED CLASSIFICATION FOR ACUTE PANCREATITIS IN INTENSIVE CARE MEDICINE</td>
<td>Felix Zubia Olaskoaga, Donostia- San Sebastian, Spain</td>
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</table>
Oral Presentations, Geneva

10:10-11:30 THERAPEUTIC MANIPULATIONS OF THE INJURED BRAIN
Chair: Peter LeRoux, Philadelphia, United States
Chair: Elisa Zanier, Milan, Italy

10:10-10:25 AN EFFECTIVE AND SAFE STRATEGY TO TARGET NORMOTHERMIA IN NEUROCRITICAL PATIENTS WITH FEVER
Abstract Presenter: Erika Zanotto, Monza, Italy

10:25-10:40 EFFECTS OF TIGHT COMPUTERIZED GLUCOSE CONTROL ON NEUROLOGICAL OUTCOME IN SEVERE BRAIN-INJURED PATIENTS. A MULTI-CENTER SUB-GROUP ANALYSIS OF THE RANDOMIZED-CONTROLLED OPEN-LABEL CGAO-REA STUDY
Abstract Presenter: Raphaël Cinotti, Nantes, France

10:40-10:55 VASOSPASM WORSENING RELATED TO SWITCH OF NIMODIPINE ADMINISTRATION IN SPONTANEOUS SUBARACHNOIDAL HEMORRHAGE
Abstract Presenter: Sara Valles Angulo, Barcelona, Spain

10:55-11:10 HYPEROXIA IS ASSOCIATED WITH INCREASED CEREBRAL DAMAGE AFTER SEVERE TBI
Abstract Presenter: Herve Quintard, Lausanne, Switzerland

11:10-11:25 HYPEROXAEMIA IS ASSOCIATED WITH INCREASED ALL-CAUSE INTENSIVE CARE UNIT MORTALITY IN SPONTANEOUS SUBARACHNOID HAEMORRHAGE
Abstract Presenter: Benjamin Shuker, Coventry, United Kingdom

Oral Presentations, Paris

10:10-11:30 PREVENTING DELIRIUM IN CRITICAL ILLNESS
Chair: Sangeeta Mehta, Toronto, Canada
Chair: Tarek Sharshar, Paris, France

10:10-10:25 PROPHYLACTIC LOW-DOSE DEXMEDETOMIDINE DECREASES THE INCIDENCE OF DELIRIUM IN CRITICALLY ILL ELDERLY PATIENTS AFTER NONCARDIAC SURGERY: A RANDOMIZED CONTROLLED TRIAL
Abstract Presenter: Dong-Xin Wang, Beijing, China

10:25-10:40 FACTORS ASSOCIATED WITH RESTRAINT USE IN THE SLEEP TRIAL: A MULTICENTER RANDOMIZED TRIAL COMPARING PROTOCOLIZED SEDATION WITH DAILY SEDATION INTERRUPTION VERSUS PROTOCOLIZED SEDATION ALONE IN MECHANICALLY VENTILATED ADULTS
Abstract Presenter: Louise Rose, Toronto, Canada

10:40-10:55 EFFECT OF PROPOFOL COMBINED WITH OPIOIDS ON GUINEA PIG’S SMALL BOWEL MOTILITY IN VITRO
Abstract Presenter: Michael Schörghuber, Graz, Austria

10:55-11:10 A PROSPECTIVE EVALUATION OF PSYCHOACTIVE MEDICATIONS AND DELIRIUM IN CANADIAN CRITICALLY ILL ADULTS: INTERIM RESULTS
Abstract Presenter: Lisa Burry, Toronto, Canada

11:10-11:25 MELATONIN RECEPTOR AGONIST FOR THE PREVENTION OF POSTOPERATIVE DELIRIUM IN ELDERLY PATIENTS: A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL
Abstract Presenter: Yoshikazu Yamaguchi, Yokohama, Japan
Oral Presentations, Glasgow

10:10-11:30  TISSUE PERFUSION IN TRAUMA
Chair: Marc Léone, Marseille, France
Chair: Can Ince, Amsterdam, Netherlands

10:10-10:25  GREY MATTER PERFUSION IS PRESERVED DURING NORMOTENSIVE HYPOVOLAEMIA, DESPITE REDUCTIONS IN TOTAL CEREBRAL BLOOD FLOW: EVIDENCE OF LOCAL, PRESSURE INDEPENDENT, INTRA-CEREBRAL VASCULAR AUTOREGULATORY RESPONSE
Abstract Presenter: Susan Beards, Manchester, United Kingdom

10:25-10:40  EFFECT OF CATECHOLAMINE IMMEDIATELY AFTER BLAST LUNG INJURY CAUSED BY LASER-INDUCED SHOCK WAVE IN A MOUSE MODEL
Abstract Presenter: Hiroki Miyawaki, Tokorozawa, Japan

10:40-10:55  CEREBROVASCULAR AUTOREGULATION IN NORMOTENSIVE HYPOVOLAEMIA: A STUDY COMBINING LOWER BODY NEGATIVE PRESSURE AND MRI
Abstract Presenter: Susan Beards, Manchester, United Kingdom

10:55-11:10  EFFECT OF NOREPINEPHRINE ON INTESTINAL OXYGENATION DURING FLUID RESUSCITATION OF HEMORRHAGIC SHOCK IN MICE
Abstract Presenter: Anatole Harrois, Le Kremlin Bicêtre, France

11:10-11:25  IMMUNE PARALYSIS IN TRAUMA PATIENTS; IMPLICATIONS FOR PRE-HOSPITAL INTERVENTION
Abstract Presenter: Kim Timmermans, Nijmegen, Netherlands

Oral Presentations, Amsterdam

10:10-11:30  ICU OUTCOMES: BEYOND HOSPITAL MORTALITY
Chair: Wilfred Druml, Vienna, Austria
Chair: Diederk van Dijk, Utrecht, Netherlands

10:10-10:25  ONE-YEAR MORTALITY RATE IN ELDERLY PATIENTS: THE PICTURE OF A NORTHERN ITALY ICU AND A COMPARISON WITH GENERAL POPULATION
Abstract Presenter: Francesco Boni, Bologna, Italy

10:25-10:40  LONG-TERM MORTALITY AMONG ELDERLY SURVIVORS OF INTENSIVE CARE
Abstract Presenter: Andrea Hill, Toronto, Canada

10:40-10:55  3-MONTHS FOLLOW UP OF 289 ICU PATIENTS: EVALUATION OF EMOTIONAL DISORDERS AND HEALTH-RELATED QUALITY OF LIFE IN 24-HS VISITING POLICY UNIT
Abstract Presenter: Renata Fumis, São Paulo, Brazil

10:55-11:10  LONG TERM MORTALITY IN CHILDREN ADMITTED TO PEDIATRIC INTENSIVE CARE IN SWEDEN 2008-2010
Abstract Presenter: Håkan Kalzen, Stockholm, Sweden

11:10-11:25  EARLY PREDICTION OF NEW-ONSET PHYSICAL DISABILITY AFTER INTENSIVE CARE UNIT STAY
Abstract Presenter: Anna Schandl, Stockholm, Sweden

Thematic Session, NEXT Lounge

10:10-11:10  NEXT - DEBATE
Chair: Bjoern Weiss, Berlin, Germany
27th Annual Congress of the European Society of Intensive Care Medicine,
27 September - 1 October 2014,
Barcelona, Spain

Scientific Programme

10:10-11:10 Simulation and e-learning: New frontiers
Speaker: Michael Sander, Berlin, Germany
Speaker: Claudia Spies, Berlin, Germany

Poster Corner, Poster Corner

10:10-12:00 PAEDIATRIC INTENSIVE CARE
Chair: Samuel Ajizian, Winston Salem, United States
Chair: Dick Tibboel, Rotterdam, Netherlands

10:10-10:17 FLUID MANAGEMENT AND CEREBRAL EDEMA IN CHILDREN WITH DIABETIC KETOACIDOSIS
Abstract Presenter: Jorge Coss-Bu, Houston, United States

10:17-10:24 EFFECT OF NEONATAL INTENSIVE CARE ON IMPROVEMENT OF MORTALITY AND MORBIDITY OF VERY LOW BIRTH WEIGHT INFANTS
Abstract Presenter: TAE_JUNG Sung, Seoul, Korea, Republic of

10:24-10:31 EFFICACY OF AN IGM PREPARATION IN THE TREATMENT OF PATIENTS WITH SEPSIS: A DOUBLE-BLIND RANDOMIZED CLINICAL TRIAL IN A PEDIATRIC INTENSIVE CARE UNIT
Abstract Presenter: Elmira Kola, Tirana, Albania

10:31-10:38 CD64 INDEX ON NEUTROPHILS VS. CRP, PROCALCITONIN, HEMOSCORE, AS A SEPSIS DIAGNOSTIC MARKERS IN INFANTS AFTER CORRECTION OF CONGENITAL HEART DISEASE WITH CARDIOPULMONARY BYPASS
Abstract Presenter: Aleksandra Krivoshapkina, Novosibirsk, Russian Federation

10:38-10:45 IS RED BLOOD CELL DISTRIBUTION WIDTH A USEFUL OUTCOME PREDICTOR IN CRITICALLY ILL PEDIATRIC PATIENTS?
Abstract Presenter: Won Kyoung Jhang, Seoul, Korea, Republic of

10:45-10:52 EVALUATION OF THE EFFECTIVENESS OF A MULTIPLE INTERVENTION AIMING TO IMPROVE EARLY EMPIRICAL ANTIBIOTIC TREATMENT FOR SEVERE SEPSIS IN CHILDREN. ABISS-EDUSEPSIS PEDIATRIC STUDY
Abstract Presenter: Elisabeth Esteban, Esplugues de Llobregat, Spain

10:52-10:59 CONSENT FOR PAEDIATRIC CENTRAL VENOUS CATHETER (CVC) INSERTION IN A TERTIARY SPECIALIST PAEDIATRIC HOSPITAL
Abstract Presenter: Radheswari Measuria, Liverpool, United Kingdom

10:59-11:06 PROLONGED MECHANICAL VENTILATION (PMV) IN PAEDIATRIC INTENSIVE CARE UNIT
Abstract Presenter: Amelia Pavalascu, Alicante, Spain

11:06-11:13 INDICATIONS AND COMPLICATIONS OF TRACHEOSTOMY IN PAEDIATRIC INTENSIVE CARE UNIT
Abstract Presenter: Amelia Pavalascu, Alicante, Spain

11:13-11:20 PREVALENCE AND CHARACTERISTICS OF CHILDREN WITH COMPLEX CHRONIC CONDITIONS IN A PICU
Abstract Presenter: Elisavet Geromarkaki, Heraklion, Greece

11:20-11:27 MORTALITY OF PAEDIATRIC PATIENTS WITH NEUROLOGICAL COMPLICATIONS ADMITTED TO A NEUROSURGICAL ICU (NICU)
Abstract Presenter: Paola Volpi, Monza, Italy

11:27-11:34 QUALITY OF PALLIATIVE CARE AND BARRIERS TO PROVIDING PALLIATIVE CARE AT THE END OF LIFE AMONG INTENSIVE CARE UNIT NURSES
Abstract Presenter: Batel Sapir, Jerusalem, Israel
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<td>11:34</td>
<td>EFFICACY OF SUPPLEMENTAL PARENTERAL NUTRITION IN CRITICALLY ILL PATIENTS WITH INTRACRANIAL HEMORRHAGE</td>
<td>Julia Titova, Moscow, Russian Federation</td>
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<td>11:34</td>
<td>CRITICAL CARE NURSING &amp; ICU ORGANISATION</td>
<td>Elsa Afonso, London, United Kingdom</td>
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<td>10:10</td>
<td>ALARM REDUCTION IN THE ICU: CAN TECHNOLOGY DO IT ALL?</td>
<td>Anne-Sophie Debue, Paris, France</td>
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<td>10:17</td>
<td>THE HIGHER WORK-LOAD THE WORSEN SLEEP QUALITY IN NURSES; WHAT ABOUT THE RISKS?</td>
<td>Volkan Inal, Edirne, Turkey</td>
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<td>10:24</td>
<td>EFFECT OF ICU FOLLOW-UP CONSULTATIONS VERSUS STANDARD CARE ON QUALITY OF LIFE AND BURDEN OF SYMPTOMS: A SYSTEMATIC REVIEW AND META-ANALYSIS</td>
<td>Janet Jensen, Hillerød, Denmark</td>
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<td>10:31</td>
<td>THE IMPACT OF PSYCHOLOGICAL MORBIDITY ON THE EFFECTIVNESS OF STRUCTURED REHABILITATION CLASSES FOR SURVIVORS OF CRITICAL ILLNESS</td>
<td>David Mcwilliams, Birmingham, United Kingdom</td>
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<td>10:38</td>
<td>STRESSFUL PERCEPTIONS OF TRACHEOSTOMIZED PATIENTS IN THE INTENSIVE CARE UNIT</td>
<td>Elsa Afonso, London, United Kingdom</td>
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<td>10:45</td>
<td>OUTCOMES AND NURSING WORKLOAD RELATED TO OBESE PATIENTS IN THE INTENSIVE CARE UNIT</td>
<td>Fernanda Carrara, Sao Paulo, Brazil</td>
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<td>10:52</td>
<td>NURSING INTENSIVE CARE SKILLS TRAINING (NICST); A STRUCTURED, PRACTICAL, NURSE LED TRAINING PROGRAMME, DEVELOPED AND TESTED IN A RESOURCE LIMITED SETTING</td>
<td>Tim Stephens, London, United Kingdom</td>
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<td>10:59</td>
<td>DELIRIUM AND EARLY PHYSICAL THERAPY (DEPTH); A QUALITY IMPROVEMENT (QI) PROJECT IN CORONARY CARE UNIT (CCU): INITIATING EARLY PHYSICAL THERAPY</td>
<td>Sarah Lee, Rochester, United States</td>
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<td>11:06</td>
<td>ISOLATION MEASURES FOR PREVENTION OF NOSOCOMIAL INFECTIONS IN BURN PATIENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS</td>
<td>Katrien Raes, Ghent, Belgium</td>
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<td>11:13</td>
<td>PATIENT FLOW MANAGEMENT IN AN INTENSIVE CARE UNIT: A PROCESS OF CONTINUOUS IMPROVEMENT</td>
<td>Beatriz Murata Murakami, São Paulo, Brazil</td>
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<td>11:20</td>
<td>CRITICAL CARE NURSES’ KNOWLEDGE OF EVIDENCE-BASED PRACTICE ON THORACIC DRAINAGE: AN EVALUATION QUESTIONNAIRE</td>
<td>Sanne Demeulemeester, Ghent, Belgium</td>
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<td>11:27</td>
<td>DEMAND FOR NURSING CARE IN THE INTENSIVE CARE UNIT</td>
<td>Beatriz Murata Murakami, São Paulo, Brazil</td>
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<td>10:10-12:00</td>
<td>Peri-Operative Intensive Care</td>
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<td>10:10-10:17</td>
<td>The Possibility of Using L-Carnitine for Organ Protection During Total Intravenous Anesthesia: Double-Blind, Randomized Clinical Trial</td>
<td>Abstract Presenter: Alexey Ovezov, Moscow, Russian Federation</td>
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<td>10:24-10:31</td>
<td>Postoperative Management of Pneumonectomy in ICU</td>
<td>Abstract Presenter: Victoria Olea-Jiménez, Málaga, Spain</td>
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<td>10:45-10:52</td>
<td>Cardiac Surgery in Dialysis-Dependent Chronic Renal Failure Patients</td>
<td>Abstract Presenter: Fotini Ampatzidou, Thessaloniki, Greece</td>
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<tr>
<td>10:52-10:59</td>
<td>Cardiac Surgery in Patients with Chronic Obstructive Pulmonary Disease</td>
<td>Abstract Presenter: Fotini Ampatzidou, Thessaloniki, Greece</td>
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<td>10:59-11:06</td>
<td>Efficiency of Heart Rate Variability Measurement in Assessment of Nociception in Intensive Care Unit Patients</td>
<td>Abstract Presenter: Céline Broucqsault, Roubaix, France</td>
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<td>11:13-11:20</td>
<td>The Use of Procalcitonin (PCT) for Identification of Postoperative Complications After Coronary Artery Bypass Surgery with Cardiopulmonary Bypass (CPB)</td>
<td>Abstract Presenter: Ayse Baysal, Istanbul, Turkey</td>
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<td>11:20-11:27</td>
<td>Internal Environment Disturbances After Hyperthermic Intraperitoneal Chemotherapy (HIPEC). Intensive Care Unit (ICU) Management</td>
<td>Abstract Presenter: Febechi Afamefule, Fuenlabrada, Spain</td>
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<td>11:27-11:34</td>
<td>Depth of Anaesthesia During Endotracheal Intubation in an Intensive Care Unit</td>
<td>Abstract Presenter: Beatriz Lobo-Valbuena, Madrid, Spain</td>
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<td>11:34-11:41</td>
<td>The Influence of Hypothermia and Catecholamines on Guinea Pig’s Small Bowel Motility in Vitro</td>
<td>Abstract Presenter: Michael Schörghuber, Graz, Austria</td>
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10:10-12:00  QUALITY ASSESSMENT & PATIENT-CENTERED OUTCOMES
Chair: Rik Gerritsen, Leeuwarden, Netherlands
Chair: Francesca Rubulotta, London, United Kingdom

10:10-10:17  COMPARING FAMILY SATISFACTION WITH CARE BETWEEN THE INTENSIVE CARE AND HIGH DEPENDENCY UNITS IN A UNIVERSITY HOSPITAL
Abstract Presenter: Matthew Cadd, Brighton, United Kingdom

10:17-10:24  COMMUNICATION WITH PRIMARY CARE DOCTORS: A SURVEY OF UK INTENSIVE CARE PRACTICES
Abstract Presenter: Rebecca Gray, Brighton, United Kingdom

10:24-10:31  CALL 4 CONCERN: PATIENT AND FAMILY ACTIVATED CRITICAL CARE OUTREACH
Abstract Presenter: Mandy Odell, Reading, United Kingdom

10:31-10:38  USING PHONE SURVEYS FOR GATHERING POST ICU FEEDBACK AS A MANAGEMENT TOOL
Abstract Presenter: Toon van Galen, Amsterdam, Netherlands

10:38-10:45  QUALITY OF ANTHROPOMETRIC MEASUREMENTS IN SPANISH INTENSIVE CARE UNITS (CAMIES STUDY), PRELIMINARY RESULTS
Abstract Presenter: Abilio Arrascaeta Llanes, Alicante, Spain

10:45-10:52  SATISFACTION OF PATIENTS' FAMILIES WITH CARE RECEIVED DURING STAY IN CARDIOTHORACIC INTENSIVE CARE UNIT: A SURVEY OF PRACTICE
Abstract Presenter: Aikaterini Vlachou, London, United Kingdom

10:52-10:59  HOW LARGE IS THE PROPORTION OF PATIENTS THAT SHOW A SIGNIFICANT IMPROVEMENT IN HEALTH RELATED QUALITY OF LIFE AFTER EXTENDED PERIOD OF CRITICAL ILLNESS?
Abstract Presenter: Lotti Orvelius, Linköping, Sweden

10:59-11:06  THE POST INTENSIVE CARE SYNDROME: PRIMARY RESULTS FROM AN ICU FOLLOW-UP CLINIC
Abstract Presenter: Fenna Schoonderbeek, Rotterdam, Netherlands

11:06-11:13  EARLY REALITY-ORIENTING ASSURING AND SLEEP ASSURANCE FOR DELIRIUM IN INTENSIVE CARE UNIT(ICU): A QUALITY IMPROVEMENT(QI) PROJECT
Abstract Presenter: Seung Yong Park, Jeonjusi, Korea, Republic of

Abstract Presenter: Adrian Wong, Portsmouth, United Kingdom

11:27-11:34  CHEST COMPRESSION EVALUATION WITH TRUECPR® DEVICE
Abstract Presenter: Inmaculada Fernández Simón, Madrid, Spain

11:34-11:41  DEGREE OF ADHERENCE TO RECOMMENDED ANTIVIRAL TREATMENT DURING THE PANDEMIC AND POST-PANDEMIC PERIODS OF INFLUENZA A (H1N1) PDM09 IN 148 UCIS IN SPAIN
Abstract Presenter: Alejandro Rodriguez, Tarragona, Spain

11:41-11:48  SHOULD YOU HAVE A LIBRARIAN ON YOUR WARD ROUND? - EXPERIENCE AND IMPACT
Abstract Presenter: Agilan Kaliappan, Basildon, United Kingdom
Scientific Programme

Poster Corner, Poster Corner

10:10-12:00 ALI & ARDS: EXPERIMENTAL STUDIES
Chair: John Laffey, Galway, Ireland
Chair: Yasser Sakr, Jena, Germany

10:10-10:17 PERFUSATE FROM LUNGS VENTILATED EX-VIVO WITH HIGH TIDAL VOLUMEN INDUCE IN VITRO ENDOTHELIAL DYSFUNCTION REVERSED BY SUPEROXIDE DISMUTASE AND TEMPOL
Abstract Presenter: Leticia Martínez-Caro, Getafe, Spain

10:17-10:24 OPEN LUNG VENTILATION IMPROVES CONDITIONS FOR RIGHT VENTRICLE PERFORMANCE BY DECREASING PULMONARY VASCULAR WAVE REFLECTIONS IN AN EXPERIMENTAL MODEL OF ARDS
Abstract Presenter: Arnoldo Santos, Madrid, Spain

10:24-10:31 THE EFFECT OF ERITORAN ON THE SEVERITY OF LUNG INJURY IN TWO DIFFERENT RAT LUNG INJURY MODELS
Abstract Presenter: Aycan Kundakci, Ankara, Turkey

10:31-10:38 FAS ACTIVATION ALTERS TIGHT JUNCTION PROTEINS IN PULMONARY ALVEOLAR EPITHELIAL CELLS
Abstract Presenter: Raquel Herrero, Getafe, Spain

10:38-10:45 HUMAN NEUTROPHIL PEPTIDES PLAY AN IMPORTANT ROLE IN THE PATHOGENESIS OF ARDS
Abstract Presenter: Federico Pozzi, Toronto, Canada

10:45-10:52 ACCURACY OF DELIVERED AIRWAY PRESSURE DURING PROPORTIONAL ASSIST VENTILATION +. A BENCH STUDY
Abstract Presenter: François Beloncle, Toronto, Canada

10:52-10:59 ROLE OF AMPLITUDE AND RATE OF DEFORMATION IN VENTILATOR-INDUCED LUNG INJURY
Abstract Presenter: Alessandro Protti, Milan, Italy

10:59-11:06 NEBULIZED HEPARIN REDUCES PULMONARY INFLAMMATORY RESPONSES IN A RAT MODEL OF ACUTE LUNG INJURY
Abstract Presenter: Laura Chimenti, Sabadell, Spain

11:06-11:13 EFFECTS OF INHALED AERO SOLIZED INSULIN ON ACUTELY INJURED LUNGS UNDER NORMOGLYCEMIA: INSULIN MAY CONTRIBUTE TO ENHANCE ALVEOLAR LIQUID CLEARANCE THROUGH EPITHELIAL SODIUM CHANNEL EXPRESSION
Abstract Presenter: Mariko Senda, Tokyo, Japan

11:13-11:20 HEME OXYGENASE - 1 ATTENUATES ACUTE PULMONARY INFLAMMATION BY DECREASING THE RELEASE OF SEGMENTED NEUTROPHILS FROM THE BONE MARROW
Abstract Presenter: Franziska Konrad, Tuebingen, Germany

11:20-11:27 DEVELOPMENT OF VENTILATORY-INDUCED LUNG INJURY DEPENDS ON ENERGY DISSIPATED INTO RESPIRATORY SYSTEM
Abstract Presenter: Miriam Gottli, Milano, Italy

11:27-11:34 ASPIRIN REDUCES NEUTROPHILIC PULMONARY INFLAMMATION IN A HUMAN MODEL OF ACUTE RESPIRATORY DISTRESS SYNDROME INDUCED BY INHALED LIPOPOLYSACCHARIDE
Abstract Presenter: Umar Imran Hamid, Belfast, United Kingdom

11:34-11:41 IMPROVEMENT OF METHOD PRIMARY CULTIVATION AND IDENTIFICATION OF RAT PULMONARY MICROVASCULAR ENDOTHELIAL CELLS
Abstract Presenter: Liu Yong-Jun, Guangzhou, China
11:41-11:48  THE UNRECOGNIZED EFFECTS OF PHOSPHODIESTERASE 4 ON EPITHELIAL CELLS IN PULMONARY INFLAMMATION
Abstract Presenter: Franziska Konrad, Tuebingen, Germany

10:10-12:00  TRAUMA CARE: FROM BENCH TO BEDSIDE
Chair: Dietmar Fries, Innsbruck, Austria
Chair: Stijn Blot, Ghent, Belgium

10:10-10:17  24 HOUR-ACCURACY OF CONTINUOUS NON-INVASIVE HEMOGLOBIN MEASUREMENT BY PULSE CO-OXIMETRY (SPHB) IN ICU PATIENTS WITH DIFFERENT INFLAMMATORY STATES
Abstract Presenter: Andre Glaum, Berlin, Germany

10:17-10:24  MICRORNA-REGULATED IMMUNOSUPPRESSION IN SEVERELY INJURED POLYTRAUMA PATIENTS
Abstract Presenter: Helen Owen, London, United Kingdom

10:24-10:31  PHARMACOLOGICAL PRECONDITIONING WITH VITAMIN C ATTENUATES INTESTINAL INJURY VIA THE INDUCTION OF HEME OXYGENASE-1 AFTER HEMORRHAGIC SHOCK IN RATS
Abstract Presenter: Bing Zhao, Shanghai, China

10:31-10:38  EFFECTS OF TWO DIFFERENT MECHANICAL VENTILATION STRATEGIES ON LUNG CONDITIONS AFTER EXPERIMENTAL ARDS FOLLOWING BLUNT CHEST TRAUMA AND PULMONARY CONTUSION IN PIGS
Abstract Presenter: Sören Hammermüller, Leipzig, Germany

10:38-10:45  IMPACT OF VOLUME RESUSCITATION ON HEART RATE VARIABILITY IN A MODEL OF HEMORRHAGIC SHOCK IN PIGS
Abstract Presenter: Denise Otsuki, São Paulo, Brazil

10:45-10:52  RED BLOOD CELL TRANSFUSION IN ACUTE CEREBRAL INJURIES: A SYSTEMATIC REVIEW OF PRECLINICAL ANIMAL STUDIES
Abstract Presenter: Mathieu Laflamme, Québec, Canada

10:52-10:59  NON-PHARMACOLOGICAL INTERVENTIONS FOR COGNITIVE DISORDERS FOLLOWING TRAUMATIC BRAIN INJURY: A SCOPING REVIEW
Abstract Presenter: Josée Larochelle, Québec, Canada

10:59-11:06  PREVALENCE, RISK FACTORS, AND PROGNOSIS OF HYponATREMIA ASSOCIATED WITH TRAUMATIC BRAIN INJURY IN EMERGENCY INTENSIVE CARE UNIT
Abstract Presenter: Tetsuya Yumoto, Okayama, Japan

11:06-11:13  ELEVATED SERUM NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN (NGAL) IS AN EARLY MARKER OF ACUTE KIDNEY INJURY AND ASSOCIATED WITH MORTALITY IN CRITICALLY ILL MAJOR TRAUMA PATIENTS
Abstract Presenter: Sung Jeep Kim, Seoul, Korea, Republic of

11:13-11:20  FLUID ADMINISTRATION AND ITS EFFECT ON ELECTROLYTES IN CRITICALLY ILL TRAUMA PATIENTS
Abstract Presenter: Christopher Kirwan, London, United Kingdom

11:20-11:27  THROMBIN GENERATION IN PATIENTS AFTER SEVERE BURN INJURY
Abstract Presenter: Dieter Adelmann, Vienna, Austria

11:27-11:34  PATIENT-CONTROLLED EPIDURAL ANALGESIA IS A BETTER PAIN MANAGEMENT IN THE SICU???
Abstract Presenter: Wan-Yu Huang, Taipei, Taiwan, Province of China
PROCESS IMPROVEMENT IN THE ICU
Chair: Peter van der Voort, Amsterdam, Netherlands
Chair: Paulo Maia, Porto, Portugal

10:10-10:17 FOLLOW UP OF CRITICALLY ILL PATIENTS AFTER DISCHARGE FROM ICU
Abstract Presenter: Angel Estella, Jerez de la Frontera, Spain

10:17-10:24 BLOOD SAMPLING ON THE INTENSIVE CARE UNIT
Abstract Presenter: Mary Packer, Birmingham, United Kingdom

10:24-10:31 EVALUATION OF CLINICIAN PERFORMANCE IN THE ASSESSMENT AND MANAGEMENT OF ACUTELY DECOMPENSATED PATIENTS WITH AND WITHOUT ELECTRONIC CHECKLIST: A SIMULATION STUDY
Abstract Presenter: Ronaldo Sevilla Berrios, Rochester, United States

10:31-10:38 COMMONLY ASKED QUESTIONS BY CRITICALLY ILL PATIENTS RELATIVES IN ARABIC COUNTRIES
Abstract Presenter: Amr Abouelela, Alexandria, Egypt

10:38-10:45 A TEAMWORK MODEL “A-C-L-S (AIRWAY-CIRCULATION-LEADERSHIP-SUPPORT)” APPLIED IN IN-SITU HIGH-FIDELITY SIMULATION TO IMPROVE RESUSCITATION QUALITY AND TEAMWORK IN A CARDIAC CARE UNIT
Abstract Presenter: Chih-Wei Yang, Taipei, Taiwan, Province of China

10:45-10:52 INTERHOSPITAL TRANSFERS IN A NON-TERTIARY HOSPITAL. HOW HAVE WE IMPROVED THE PRACTICE
Abstract Presenter: Stefan Sevastru, London, United Kingdom

10:52-10:59 CONSUMPTION OF RESOURCES (CR) IN CRITICALLY ILL PATIENTS (CIP) WITH RENAL REPLACEMENT THERAPY (RRT)
Abstract Presenter: Javier Ruiz Moreno, Barcelona, Spain

10:59-11:06 IMPLEMENTING A VENTILATOR ASSOCIATED PNEUMONIA PREVENTION BUNDLE IN INTENSIVE CARE AT UNIVERSITY TEACHING HOSPITAL, ZAMBIA - CHALLENGES OF INFECTION CONTROL IN A LOW-RESOURCE ENVIRONMENT
Abstract Presenter: Claire McCue, Lusaka, Zambia

11:06-11:13 ADVANTAGES AND RESULTS OF WARD DRIVEN EDUCATIONAL PROGRAMS
Abstract Presenter: Wouter Veugen, Amsterdam, Netherlands

11:13-11:20 MONITORING OF CONSULTATIONS TO THE INTENSIVE CARE UNIT: EVALUATION OF 3 MONTHS
Abstract Presenter: Cristina Martín Dal Gesso, Guadalajara, Spain

11:20-11:27 NOVEL REAL-TIME DATA TRANSMISSION SYSTEM FOR PRE-HOSPITAL EMERGENCY CARE: EXPERIENCES OF HIROSHIMA-CITY EMERGENCY MEDICAL SERVICES
Abstract Presenter: Shinji Kusunoki, Hiroshima, Japan

11:27-11:34 A SIMPLIFIED SCREENING ALGORITHM TO MONITOR COMPLIANCE WITH LUNG PROTECTIVE VENTILATION IN ARDS
Abstract Presenter: Gordan McCreath, Toronto, Canada

11:34-11:41 ICU OUTREACH SERVICES IN A PROVINCIAL HOSPITAL IN NORTHERN GREECE
Abstract Presenter: Isaac Chouris, Giannitsa, Greece

Abstract Presenter: Ana Gomes, Porto, Portugal
**Scientific Programme**

**Poster Corner, Poster Corner**

**10:10-12:00  SEPSIS PROGNOSIS II**
Chair: Anne-Cornélie de Pont, Amsterdam, Netherlands
Chair: Ricard Ferrer Roca, Sabadell, Spain

**10:10-10:17  RISK FACTORS FOR MORTALITY IN ELDERLY PATIENTS (>75 YEARS OLD) WITH INVASIVE ASPERGILLOSIS**
Abstract Presenter: Dimitrios Matthaiou, Athens, Greece

**10:17-10:24  INCREASED CU/ZNSOD PLASMA LEVELS IN NON-SURVIVORS SEPTIC PATIENTS VS SURVIVORS DURING SEPSIS**
Abstract Presenter: Maria Karapetsa, Larissa, Greece

**10:24-10:31  PROGNOSTIC IMPACT OF MICRONUTRIMENTS SERUM LEVEL AT THE EARLY PHASE OF SEPTIC SHOCK**
Abstract Presenter: Alexandre Behouche, Grenoble, France

**10:31-10:38  RETROSPECTIVE STUDY OF PATIENTS ADMITTED WITH SUBMANDIBULAR SPACE INFECTIONS TO THE INTENSIVE CARE UNIT**
Abstract Presenter: Krishnaswamy Sundararajan, Adelaide, Australia

**10:38-10:45  DETERMINANTS OF OUTCOME IN BURN ICU PATIENTS WITH SEPTIC SHOCK**
Abstract Presenter: Athena Lavrentieva, Thessaloniki, Greece

**10:45-10:52  A MULTICENTER STUDY OF SEPTIC SHOCK DUE TO CANDIDEMIA: OUTCOMES AND PREDICTORS OF MORTALITY**
Abstract Presenter: Leonel Lagunes, Barcelona, Spain

**10:52-10:59  PROGNOSTIC VALUE OF PROCALCITONIN CLEARANCE IN SEVERE SECONDARY PERITONITIS**
Abstract Presenter: Sergio Rebollo, Cartagena, Spain

**10:59-11:06  EPIDEMIOLOGY AND OUTCOME OF SEPSIS WITH STAPHYLOCOCCUS AUREUS IN A NORWEGIAN COUNTY 1996-2011**
Abstract Presenter: Julie Paulsen, Trondheim, Norway

**11:06-11:13  INFLUENCE OF SOURCE OF INFECTION IN SEPTIC PATIENTS: CLINICAL OUTCOME AND MORTALITY**
Abstract Presenter: Angel Estella, Jerez de la Frontera, Spain

**11:13-11:20  THE VALUE OF PROADRENOMEDULLIN IN CRITICALLY ILL PATIENTS WITH SEVERE COMMUNITY-ACQUIRED PNEUMONIA: AN EARLY MARKER OF RESPONSE?**
Abstract Presenter: José Manuel Pereira, Porto, Portugal

**11:20-11:27  IMPACT OF STATINS IN OUTCOMES OF SEPTIC PATIENTS: A SYSTEMATIC REVIEW**
Abstract Presenter: António Tralhão, Lisbon, Portugal

**11:27-11:34  EVALUATION OF SEVERITY IN CRITICALLY ILL PATIENTS (CIPS) WITH SEPSIS**
Abstract Presenter: Rosa Corcuera Romero de la Devesa, Barcelona, Spain

**11:34-11:41  SEVERE SEPSIS, SEPTIC SHOCK, CORTICOSTEROIDS AND 28-DAY MORTALITY**
Abstract Presenter: Maria-Victoria de la Torre-Prados, Málaga, Spain

**11:41-11:48  PREDICTING CLINICAL DETERIORATION IN SEVERE SEPSIS PATIENTS WITH CRYPTIC SHOCK**
Abstract Presenter: Sanjay Subramanian, St Louis, United States
Poster Corner, Poster Corner

**10:10-12:00**  TOXICOLOGY & PHARMACOLOGY IN THE CRITICALLY ILL

**Chair:** Bruno Mégarbane, Paris, France  
**Chair:** Martin Dünser, Salzburg, Austria

**10:10-10:17**  METFORMIN-ASSOCIATED LACTIC ACIDOSIS - CAUSE AND POTENTIAL TREATMENT WITH CELL-PERMEABLE SUCCINATES

Abstract Presenter: Fredrik Sjövall, Lund, Sweden

**10:17-10:24**  VANCOMYCIN IS UNDERDOSED IN PATIENTS WITH HIGH ESTIMATED GLOMERULAR FILTRATION RATE

Abstract Presenter: Joachim Weigel, Rotterdam, Netherlands

**10:24-10:31**  PHARMACIST’S INTERVENTIONS IN THE INTENSIVE CARE UNIT

Abstract Presenter: Robert Shulman, London, United Kingdom

**10:31-10:38**  STUDY OF PATIENTS ADMITTED TO THE INTENSIVE CARE UNITS FOR INTOXICATION

Abstract Presenter: Inés Macías-Guarasa, Málaga, Spain

**10:38-10:45**  APPRAISAL OF LATE PHASE ENDOSCOPY IN CAUSTIC POISONING

Abstract Presenter: Jin Go, Wonju City, Korea, Republic of

**10:45-10:52**  PREVALENCE OF DRUG INTERACTIONS AT INTENSIVE CARE UNIT ADMISSION

Abstract Presenter: Paula Andrea Lopéz Garzón, Barcelona, Spain

**10:52-10:59**  ADULT SUICIDAL ORGANOCOMPOND POISONING. HOW DO THEY FARE? EXPERIENCE FROM AN INDIAN MULTIDISCIPLINARY ICU

Abstract Presenter: T T S Paary, Chennai, India

**10:59-11:06**  DO SEROTONIN REUPTAKE INHIBITORS WORSEN OUTCOME OF PATIENTS REFERRED TO THE EMERGENCY DEPARTMENT FOR DELIBERATE MULTIDRUG EXPOSURE?

Abstract Presenter: Bruno Mégarbane, Paris, France

**11:06-11:13**  LITHIUM POISONING IN THE INTENSIVE CARE UNIT: A DESCRIPTIVE STUDY AND ANALYSIS OF THE PREDICTIVE FACTORS OF HEMODIALYSIS

Abstract Presenter: Bruno Mégarbane, Paris, France

**11:13-11:20**  DESIGNER DRUGS - NEW CHALLENGES: AN UPDATE ON MANAGEMENT OF NOVEL PSYCHOACTIVE SUBSTANCE TOXICITY IN THE CRITICAL CARE SETTING

Abstract Presenter: Christopher Smith, London, United Kingdom

**11:20-11:27**  CHRONIC EFFECTS OF ACUTE ORGANOPHOSPHATE POISONING IN ENDOCRINE SYSTEM

Abstract Presenter: Ramazan Coskun, Kayseri, Turkey

**11:27-11:34**  CLINICAL ASPECTS OF DRUG POISONING IN CHILDREN AND ADOLESCENTS WHO VISIT EMERGENCY DEPARTMENT

Abstract Presenter: Yunjae Kim, Seoul, Korea, Republic of

**11:34-11:41**  TRAMADOL HYPOCHLORIDE POISONING

Abstract Presenter: Thabet Hafedh, Tunis, Tunisia

**11:41-11:48**  PREVALENCE OF IATROGENIC HYPERKALEMIA IN THE EMERGENCY DEPARTMENT ICU

Abstract Presenter: Norbert Fülöp, Kaposvár, Hungary

Poster Corner, Poster Corner

**10:10-12:00**  CARDIAC ARREST: MANAGEMENT & COMPLICATIONS

**Chair:** Marco Maggiorini, Zurich, Switzerland  
**Chair:** Alain Combes, Paris, France
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<tr>
<th>Time</th>
<th>Title</th>
<th>Abstract Presenter</th>
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<tr>
<td>10:10-10:17</td>
<td>GRAM-NEGATIVE RESISTANCE IS HIGHLY PREVALENT IN INITIAL OUT-OF-HOSPITAL CARDIAC ARREST RESPIRATORY ISOLATES</td>
<td>Joshua Wong, London, United Kingdom</td>
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<td>10:17-10:24</td>
<td>TIME POST OUT-OF-HOSPITAL CARDIAC ARREST DETERMINES THE PREVALENCE OF DIFFERENT PATHOGENIC ORGANISMS FROM RESPIRATORY SECRETIONS</td>
<td>Joshua Wong, London, United Kingdom</td>
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<td>10:24-10:31</td>
<td>WHO GETS COOLED? FACTORS ASSOCIATED WITH INITIATION OF MILD INDUCED HYPOTHERMIA IN SURVIVORS OF IN-HOSPITAL CARDIAC ARREST</td>
<td>Simon Schmidbauer, Lund, Sweden</td>
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<td>10:31-10:38</td>
<td>EARLY CORONARY ANGIOGRAPHY DOES NOT IMPROVE SURVIVAL AFTER OUT-OF-HOSPITAL CARDIAC ARREST IN PATIENTS WITHOUT STEMI</td>
<td>Josef Dankiewicz, Lund, Sweden</td>
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<td>10:38-10:45</td>
<td>COMPARISON OF TRACHEAL INTUBATION USING CONVENTIONAL DIRECT LARYNGOSCOPE AND VIDEO LARYNGOSCOPE DURING UNEXPECTED CARDIOPULMONARY RESUSCITATION</td>
<td>Jeon Jin, Seoul, Korea, Republic of</td>
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<td>10:45-10:52</td>
<td>THE OVERPRODUCTION OF NITRIC OXIDE INDUCED BY ANGIogenic AND COAGULATION FACTORS LEADS TO MULTIPLE ORGAN DYSFUNCTION SYNDROME ASSOCIATED WITH POST-CARDIAC ARREST SYNDROME</td>
<td>Takeshi Wada, Sapporo, Japan</td>
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<td>10:52-10:59</td>
<td>INCIDENCE AND CLINICAL FEATURES OF SUBARACHNOID HEMORRHAGE FOLLOWING THE RETURN OF SPONTANEOUS CIRCULATION AFTER CARDIAC ARREST</td>
<td>Kyeongmin Jang, Seoul, Korea, Republic of</td>
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<td>10:59-11:06</td>
<td>CARDIAC COMPLICATIONS DUE TO CHEST COMPRESSIONS IN CARDIOPULMONARY ARREST PATIENTS</td>
<td>Tomoko Sugimura, Kobe, Japan</td>
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<td>11:06-11:13</td>
<td>ARTERIAL OXYGEN PARTIAL PRESSURE IN PATIENTS AFTER CARDIAC ARREST</td>
<td>Fabio Silvio Taccone, Brussels, Belgium</td>
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<td>11:13-11:20</td>
<td>EXTRA CORPOREAL MEMBRANE OXYGENATION IN CARDIAC ARREST PATIENTS WITH POST-CARDIAC ARREST SHOCK: THE ECCAR STUDY</td>
<td>Arthur Le Gall, Paris, France</td>
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<td>11:20-11:27</td>
<td>COMPARISON OF THE HEMODYNAMIC PARAMETERS OF TWO EXTERNAL CHEST COMPRESSION DEVICES (LUCAS VERSUS AUTOPULSE) IN A SWINE MODEL OF VENTRICULAR FIBRILLATION</td>
<td>Charalampos Pantazopoulos, Athens, Greece</td>
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<td>11:27-11:34</td>
<td>EXPRESSION OF SERUM INFLAMMATORY MARKERS IN POST CARDIAC ARREST PATIENTS DURING AND AFTER TREATMENT WITH MILD THERAPEUTIC HYPOTHERMIA</td>
<td>Angelique Spoelstra-de Man, Amsterdam, Netherlands</td>
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<td>11:34-11:41</td>
<td>EFFECTIVENESS OF ‘DO NOT ATTEMPT RESUSCITATION’ (DNAR) EDUCATION ON REDUCING THE INCIDENCE OF INAPPROPRIATE RESUSCITATION ATTEMPTS</td>
<td>Jessica Murley, Ipswich, United Kingdom</td>
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<td>11:41-11:48</td>
<td>VENTILATION PRACTICES DURING CARDIO-PULMONARY RESUSCITATION: AN INTERNATIONAL OPINION SURVEY</td>
<td>Ricardo Cordioli, Geneva, Switzerland</td>
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**Scientific Programme**

**10:10-12:00 IMPACT OF PATIENT CHARACTERISTICS ON OUTCOME**
Chair: Giovanni Landoni, Milan, Italy  
Chair: Hans Flaatten, Bergen, Norway

**10:10-10:17 PSYCHIATRIC DISORDERS IN A UK TERTIARY HOSPITAL INTENSIVE CARE UNIT- THE TIP OF THE ICEBERG?**
Abstract Presenter: Michael Adlam, London, United Kingdom

**10:17-10:24 POTENTIAL ASSOCIATION BETWEEN LOWER BODY MASS INDEX AND HOSPITAL MORTALITY IN CRITICALLY ILL JAPANESE PATIENTS**
Abstract Presenter: Tomoaki Yatabe, Nankoku, Japan

**10:24-10:31 COMPLICATIONS AND TREATMENT IN THE INTENSIVE CARE UNIT FOLLOWING BARIATRIC SURGERY**
Abstract Presenter: Thomas Pasgaard, Randers, Denmark

**10:31-10:38 THORACIC PATIENTS ADMITTED TO CARDIOTHORACIC INTENSIVE CARE UNIT: A RETROSPECTIVE AUDIT**
Abstract Presenter: Matthew Parkin, London, United Kingdom

**10:38-10:45 PERFORMANCE STATUS AND LONG TERM OUTCOMES OF PATIENTS WITH HAEMATOLOGICAL MALIGNANCY ADMITTED TO A SPECIALIST INTENSIVE CARE UNIT**
Abstract Presenter: Shamil Tanna, London, United Kingdom

**10:45-10:52 IMPACT OF DIFFERENT SEDATION PROTOCOLS AND PERIOPERATIVE PROCEDURES ON PATIENTS ADMITTED TO ICU AFTER MAXILLOFACIAL TUMOUR SURGERY**
Abstract Presenter: Diana Lebherz-Eichinger, Vienna, Austria

**10:52-10:59 OUTCOMES OF OESOPHAGEAL MALIGNANCY AT A REGIONAL UNIT**
Abstract Presenter: Gokulnath Rajendran, Ipswich, United Kingdom

**10:59-11:06 A REVIEW OF RESPIRATORY MANAGEMENT IN SPINAL CORD INJURIES**
Abstract Presenter: Rebekah Haylett, Oxford, United Kingdom

**11:06-11:13 RETROSPECTIVE OBSERVATIONAL STUDY OF OBSTETRIC ADMISSIONS AND OUTCOMES TO HIGH DEPENDENCY UNIT IN AN IRISH TERTIARY HOSPITAL 2011-2013**
Abstract Presenter: Fergal Kavanagh, Dublin, Ireland

**11:13-11:20 OUTCOMES OF SEvere ACUTE PANCREATITIS IN A REGIONAL INTENSIVE CARE UNIT**
Abstract Presenter: Gareth Jones, Swansea, United Kingdom

**11:20-11:27 IMPACT OF TOTAL SERUM BILE ACIDS IN CRITICALLY ILL PATIENTS**
Abstract Presenter: Karoline Rutter, Hamburg, Germany

**11:27-11:34 MORTALITY AND LONG-TERM FUNCTIONAL STATUS AFTER DISCHARGE FROM A MEDICAL ICU: A COMPARISON BETWEEN ELDERLY (≥80 YEARS) AND YOUNG (< 80 YEARS) ICU PATIENTS**
Abstract Presenter: Roselaine Pinheiro Oliveira, Porto Alegre, Brazil

**11:34-11:41 OUTCOME AND IMPROVEMENT OF SOME LABORATORY PARAMETERS FOLLOWING POLYMIXIN B-IMMOBILIZED FIBER TREATMENT IN SEPTIC SHOCK**
Abstract Presenter: Yuichiro Sakamoto, Saga, Japan

**11:41-11:48 EVALUATION OF PROGNOSTIC LABORATORY DATA ON SURVIVAL DURING PROLONGED EXTRACORPOREAL LIFE SUPPORT**
Abstract Presenter: Ho Sung Son, Seoul, Korea, Republic of
Poster Corner, Poster Corner

10:10-12:00 SEPSIS MISCELLANEA
Chair: Patrick Honoré, Brussels, Belgium
Chair: Mitchell Levy, Providence, United States

10:10-10:17 PATHOGEN IDENTIFICATION IN SEPTIC PATIENTS: CLINICAL IMPORTANCE OF PCR AND BLOOD CULTURES
Abstract Presenter: Vladimir Vrsajkov, Novi Sad, Serbia

10:17-10:24 DOES STAFF EDUCATION STILL REDUCES VAP WITHOUT TOP MANAGEMENT SUPPORT AND DEFICIENT SUPPLIES IN EGYPT?
Abstract Presenter: Ahmed Elmenshawy, Alexandria, Egypt

10:24-10:31 SEVERE COMMUNITY-ACQUIRED PNEUMONIA (SCAP): 15 YEARS EXPERIENCE IN A SINGLE CENTER
Abstract Presenter: Nestor Bacelar Martinez, Sabadell, Spain

10:31-10:38 TUBERCULOSIS IN THE INTENSIVE CARE UNIT: A RETROSPECTIVE COHORT STUDY
Abstract Presenter: Virginia Moneti, Lisbon, Portugal

10:38-10:45 VALIDATION OF A NEW SENSITIVE POINT OF CARE DEVICE FOR RAPID MEASUREMENT OF PROCALCITONIN IN EMERGENCY DEPARTMENT PATIENTS
Abstract Presenter: Alexander Kutz, Aarau, Switzerland

10:45-10:52 COMMUNITY-ACQUIRED PNEUMONIA IN INTENSIVE CARE - A SINGLE CENTER’S 4-YEAR EXPERIENCE
Abstract Presenter: Eduardo Espada, Alcabideche, Cascais, Portugal

10:52-10:59 SIMILAR EFFECT OF ALBUMIN GIVEN EITHER AS A RAPID BOLUS OR SLOW INFUSION IN A LARGE ANIMAL MODEL OF SEPSIS
Abstract Presenter: Magnus von Seth, Uppsala, Sweden

10:59-11:06 PRELIMINARY RESULTS FROM THE USE OF ANAPNOGUARD 100 SYSTEM IN INTUBATED CRITICAL CARE PATIENTS
Abstract Presenter: Gennaro De Pascale, Rome, Italy

11:06-11:13 SPECTRUM OF PATHOGENS IN MEDICAL INTENSIVE CARE UNIT PATIENTS WITH LIVER CIRRHOSIS: AN OBSERVATIONAL STUDY
Abstract Presenter: Tobias Lahmer, Munich, Germany

11:13-11:20 A SURVEY OF INTRAVENOUS ANTIBIOTIC ADMINISTRATION PRACTICES IN UK CRITICAL CARE UNITS
Abstract Presenter: Greg Barton, Liverpool, United Kingdom

11:20-11:27 DOES PROCALCITONIN USE IMPROVE ACCURACY OF ANTIBIOTIC DECISION MAKING?
Abstract Presenter: Phillip Levin, Jerusalem, Israel

11:27-11:34 EPIDEMIOLOGY AND OUTCOME OF SEPSIS IN ADULT PATIENTS WITH STREPTOCOCCUS PNEUMONIAE INFECTION IN NORD-TRØNDELAG COUNTY, NORWAY 1993-2011
Abstract Presenter: Åsa Susanne Askim, Trondheim, Norway

11:34-11:41 INCREASING PROCALCITONIN KINETICS MAY BE A GOOD INDICATOR OF INFECTION IN CRITICALLY ILL PATIENTS
Abstract Presenter: Nándor Öveges, Szeged, Hungary

11:41-11:48 MULTI-ORGAN DYSFUNCTION - A RELEVANT ENDPOINT FOR FUTURE SEPSIS STUDIES
Abstract Presenter: Ivan Gocze, Regensburg, Germany
Poster Corner, Poster Corner

10:10-12:00 BLEEDING, SEDATION & HAEMODYNAMIC INSTABILITY
Chair: Theodoros Kyprianou, Nicosia, Cyprus
Chair: Sameer Jog, Pune, India

10:10-10:17 IMPACT OF REMOTE ELECTRONIC MONITORING AND TELE-INTENSIVE CARE UNIT BASED ALGORITHM IN MONITORING PACKED RED CELL TRANSFUSION BEHAVIOR FOR ANEMIA OF CRITICAL ILLNESS: LONGITUDINAL MULTI-YEAR EXPERIENCE FROM A SINGLE COMMUNITY HEALTH SYSTEM IN THE UNITED STATES OF AMERICA
Abstract Presenter: Murali Ramaswamy, Greensboro, United States

10:17-10:24 UTILITY OF EMPIRICAL MODELS OF HEMORRHAGE IN DETECTING AND QUANTIFYING BLEEDING
Abstract Presenter: Mathieu Guillame-Bert, Pittsburgh, United States

10:24-10:31 PRE-OPERATIVE PROGNOSIS OF PREDISPOSITION FOR BLEEDING-INDUCED CRASH
Abstract Presenter: Artur Dubrawski, Pittsburgh, United States

10:31-10:38 IMPLEMENTATION OF A DELIRIUM DAILY SCREENING TOOL AND CLINICAL OUTCOMES
Abstract Presenter: Fernanda Neres, Porto Alegre, Brazil

10:38-10:45 THE TRADITIONAL HERBAL MEDICINE YOKUKANSA N AS AN ADJUNCTIVE SEDATIVE IN THE INTENSIVE CARE UNIT
Abstract Presenter: Toshihito Tsubo, Hirosaki, Japan

10:45-10:52 A NATIONAL SURVEY OF SEDATION AMONG JUNIOR ANAESTHETISTS
Abstract Presenter: Muska Khpal, London, United Kingdom

10:52-10:59 MULTI-TIER GROUND TRUTH ELICITATION FRAMEWORK WITH APPLICATION TO ARTIFACT CLASSIFICATION FOR PREDICTING PATIENT INSTABILITY
Abstract Presenter: Donghan Wang, Pittsburgh, United States

10:59-11:06 DECREASES IN EXHALED CARBON MONOXIDE IN PATIENTS EXPERIENCING MULTI-ORGAN FAILURE
Abstract Presenter: Maki Kida, Wakayama, Japan

11:06-11:13 DEVELOPMENTAL STUDY OF THE EFFECTS OF BALANCED RESUSCITATION IN POST-OPERATIONAL PATIENTS AFTER DIGESTIVE SURGERY IN ICU
Abstract Presenter: Raquel Gutierrez-Rodriguez, Malaga, Spain

11:13-11:20 ARTIFACT ADJUDICATION FOR VITAL SIGN STEP-DOWN UNIT DATA CAN BE IMPROVED USING ACTIVE LEARNING WITH LOW-DIMENSIONAL MODELS
Abstract Presenter: Madalina Fiterau, Pittsburgh, United States

11:20-11:27 MORTALITY PROGNOSTIC FACTORS OF PATIENTS WITH SYSTEMIC AUTOIMMUNE DISEASE ADMITTED TO THE INTENSIVE CARE UNIT
Abstract Presenter: Pamela Doti, Barcelona, Spain

11:27-11:34 ACUTE PANCREATITIS- CASUISTRY OF 4 YEARS IN AN INTENSIVE CARE UNIT
Abstract Presenter: Sara Alves, Cascais, Portugal

11:34-11:41 ARE THERE ANY PREDICTORS FOR A PATHOLOGICAL CRANIAL CT SCAN IN MEDICAL ICU PATIENTS?
Abstract Presenter: Marlena Messer, München, Germany

11:41-11:48 THE NEW HANDHELD INFRARED PUPILLOMETER MAY BE FAVORABLE IN MONITORING PUPIL DIAMETER, RATHER THAN CONVENTIONAL MEASUREMENT
Abstract Presenter: Hiroshi Miyazaki, Yokohama, Japan
Poster Corner, Poster Corner

10:10-12:00  SEDATION OF THE CRITICALLY ILL
Chair: Arjen Slooter, Utrecht, Netherlands
Chair: Nicholas Hart, London, United Kingdom

10:10-10:17  THE RELATIONSHIP BETWEEN DELIRIUM AND LONG-TERM COGNITIVE DYSFUNCTION IN CRITICALLY ILL PATIENTS
Abstract Presenter: Jose Azevedo, Sao Luis, Brazil

10:17-10:24  AGE-RELATED EFFECTS OF DEXMEDETOMIDINE, AN ALPHA-2 AGONIST, ON CORONARY VASOACTIVITY AND CARDIAC FUNCTION IN GUINEA-PIG HEARTS
Abstract Presenter: Maiko Hongo, Akita City, Japan

10:24-10:31  EARLY PREDICTION OF DELIRIUM IN ICU PATIENTS (E-PRE-DELIRIC): MULTINATIONAL DEVELOPMENT AND VALIDATION OF AN EARLY DELIRIUM PREDICTION MODEL FOR INTENSIVE CARE PATIENTS
Abstract Presenter: Mark van den Boogaard, Nijmegen, Netherlands

10:31-10:38  COMPARATIVE PERFORMANCE OF THREE RISK PREDICTION MODELS FOR DELIRIUM IN THE INTENSIVE CARE UNIT AFTER CARDIAC SURGERY, AND ASSOCIATION WITH FAST-TRACK FAILURE
Abstract Presenter: Jing Lan Mu, Hong Kong, Hong Kong, China

10:38-10:45  ONGOING CHALLENGES IN USING RASS AND CAM ICU
Abstract Presenter: Jacobus Preller, Cambridge, United Kingdom

10:45-10:52  PREVALENCE OF CEREBRAL AUTOREGULATION IMPAIRMENT IN NON-NEUROLOGICAL MECHANICALLY VENTILATED PATIENTS AND ITS RELATIONSHIP WITH DELIRIUM, SEPSIS AND SEDATION
Abstract Presenter: Carles Subira, Manresa, Spain

10:52-10:59  INCIDENCE AND RISK FACTORS OF DELIRIUM IN A SURGICAL INTENSIVE CARE UNIT
Abstract Presenter: Seungyoung Oh, Seoul, Korea, Republic of

10:59-11:06  DELIRIUM AS A PREDICTOR OF MORTALITY IN ELDERLY CARDIOVASCULAR PATIENTS
Abstract Presenter: Koji Sato, Kanazawa, Japan

11:06-11:13  ELIMINATION KINETICS OF PROPOFOL IN THOSE RECEIVING LONG TERM PROPOFOL INFUSIONS
Abstract Presenter: Jung Ryu, London, United Kingdom

11:13-11:20  EFFICACY AND SAFETY OF DEXMEDETOMIDINE IN AGITATED ICU PATIENTS
Abstract Presenter: Christina Iasonidou, Thessaloniki, Greece

11:20-11:27  RISK FACTORS ASSOCIATED WITH DELIRIUM IN MECHANICAL VENTILATED PATIENTS
Abstract Presenter: Marina Busico, Buenos Aires, Argentina

11:27-11:34  DEXMEDETOMIDINE IN CRITICALLY ILL PATIENTS: AN 11 MONTH EXPERIENCE
Abstract Presenter: Claire Chapuis, Grenoble, France

11:34-11:41  PREVALENCE, RECOGNITION AND MANAGEMENT OF DELIRIUM IN A CARDIOTHORACIC INTENSIVE CARE UNIT (CTICU) WITHIN A LONDON TEACHING HOSPITAL
Abstract Presenter: John Bailes, London, United Kingdom

11:41-11:48  DELIRIUM AND EARLY PHYSICAL THERAPY (DEPTH): A QUALITY IMPROVEMENT (QI) PROJECT IN CORONARY CARE UNIT (CCU): AN IMPROVEMENT IN ATTITUDES THROUGH EDUCATION
Abstract Presenter: Dereddi Raja Reddy, Rochester, United States
Thematic Session, NEXT Lounge

11:15-12:00  **NEXT - MEET THE EXPERT**
Chair: Katia Donadello, Brussels, Belgium

11:15-12:00  **How to cope with mistakes?**
Speaker: Jean-Daniel Chiche, Paris, France

Thematic Session, Barcelona

12:00-14:00  **MECHANICAL VENTILATION AND ARDS**
Chair: Alain Mercat, Angers, France
Chair: Samir Jaber, Montpellier, France

12:00-12:15  **ARDS beyond the Berlin definition: What else to define ARDS?**
Speaker: Jesus Villar, Las Palmas de Gran Canaria, Spain

12:15-12:20  **Discussion**

12:20-12:35  **ARDS, the golden hours: Neuromuscular blockade and prone position**
Speaker: Claude Guérin, Lyon, France

12:35-12:40  **Discussion**

12:40-12:55  **Open lung ventilation: Is this the best strategy?**
Speaker: Jean-Daniel Chiche, Paris, France

12:55-13:00  **Discussion**

13:00-13:15  **What is the optimal recruitment manoeuvre in ALI/ARDS?**
Speaker: Antonio Pesenti, Monza, Italy

13:15-13:20  **Discussion**

13:20-13:35  **Assessing lung aeration in ARDS**
Speaker: Nicolo Patroniti, Lissone, Italy

13:35-13:40  **Discussion**

13:40-13:55  **Hypoxia in ARDS - Avoid or tolerate?**
Speaker: Kenneth Palmer, Stockholm, Sweden

13:55-14:00  **Discussion**

Thematic Session, Vienna

12:00-14:00  **IMPROVING PERFUSION: FROM PRESSURE TO FLOW**
Chair: Maurizio Cecconi, London, United Kingdom
Chair: Xavier Monnet, Kremlin-Bicetre, France

12:00-12:15  **Understanding venous return**
Speaker: Jan Bakker, Rotterdam, Netherlands

12:15-12:20  **Discussion**

12:20-12:35  **Arterial blood pressure targets**
Speaker: Jean-Louis Teboul, Kremlin-Bicetre, France

12:35-12:40  **Discussion**

12:40-12:55  **What is arterial elastance**
Speaker: Ignacio Monge Garcia, Jerez de la Frontera, Spain
27th Annual Congress of the European Society of Intensive Care Medicine, 27 September - 1 October 2014, Barcelona, Spain

**Scientific Programme**

**12:55-13:00** Discussion

**13:00-13:15** Putting pressures and flow together: The intelligent way  
Speaker: Bernard Cholley, Paris, France

**13:15-13:20** Discussion

**13:20-13:35** The combined effect of flow and pressure on perfusion  
Speaker: Jukka Takala, Bern, Switzerland

**13:35-13:40** Discussion

**13:40-13:55** Non invasive assessment of perfusion  
Speaker: Can Ince, Amsterdam, Netherlands

**13:55-14:00** Discussion

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Continuous Professional Education Session, Berlin

**12:00-14:00** JOINT WITH NCS - RESISTING THE STORM AFTER BRAIN INJURY  
Chair: Giuseppe Citerio, Monza, Italy  
Chair: Claude Hemphill, San Francisco, United States

**12:00-12:15** Pathophysiology of autonomic dysfunction after brain injury  
Speaker: Mauro Oddo, Lausanne, Switzerland

**12:15-12:20** Discussion

**12:20-12:35** Stressed myocardium and lung injury after SAH  
Speaker: Pedro Navarrete Navarro, Granada, Spain

**12:35-12:40** Discussion

**12:40-12:55** Paroxysmal sympathetic hyperactivity after TBI  
Speaker: Jan Claassen, New York, United States

**12:55-13:00** Discussion

**13:00-13:15** Diagnosis and monitoring  
Speaker: David Menon, Cambridge, United Kingdom

**13:15-13:20** Discussion

**13:20-13:35** Treatment options  
Speaker: Claude Hemphill, San Francisco, United States

**13:35-13:40** Discussion

**13:40-13:55** Prognostic implications  
Speaker: Geert Meyfroidt, Leuven, Belgium

**13:55-14:00** Discussion

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Thematic Session, Athens

**12:00-14:00** THERE WILL BE BLEEDING  
Chair: Jacques Duranteau, Kremlin-Bicetre, France  
Chair: Christian Von Heymann, Berlin, Germany

**12:00-12:15** Patient blood management in the ICU  
Speaker: Paul Hébert, Ottawa, Canada
12:15-12:20  Discussion
12:20-12:35  Heparin induced thrombocytopenia: What's new?
   Speaker: Dietmar Fries, Innsbruck, Austria
12:35-12:40  Discussion
12:40-12:55  Point of care coagulation testing
   Speaker: Christian Von Heymann, Berlin, Germany
12:55-13:00  Discussion
13:00-13:15  Steroids in reducing blood transfusion in cardiac surgery
   Speaker: Diederik van Dijk, Utrecht, Netherlands
13:15-13:20  Discussion
13:20-13:35  How to manage bleeding in the cardiothoracic patient
   Speaker: Michael Sander, Berlin, Germany
13:35-13:40  Discussion
13:40-13:55  How to manage bleeding in the trauma patient
   Speaker: Jacques Duranteau, Kremlin-Bicetre, France
13:55-14:00  Discussion

Thematic Session, Rome

12:00-14:00  WORKING CONDITIONS OF INTENSIVISTS: AN UNSOLVED CHALLENGE
   Chair: Rui Paulo Moreno, Lisbon, Portugal
   Chair: Andreas Valentin, Vienna, Austria
12:00-12:15  Who we are: Demographics of ICM in Europe
   Speaker: Rui Paulo Moreno, Lisbon, Portugal
12:15-12:20  Discussion
12:20-12:35  Working patterns and the intensivist in training
   Speaker: Bernardo Bollen Pinto, London, United Kingdom
12:35-12:40  Discussion
12:40-12:55  How different working patterns affect effectiveness and cost of ICM
   Speaker: Jukka Takala, Bern, Switzerland
12:55-13:00  Discussion
13:00-13:15  Is burnout affected by different working patterns?
   Speaker: Hans Flaatten, Bergen, Norway
13:15-13:20  Discussion
13:20-13:35  Is the outcome constant over the 24 hours of the day?
   Speaker: Andrew Rhodes, London, United Kingdom
13:35-13:40  Discussion
13:40-13:55  Putting patients at risk: Working conditions and medical error
   Speaker: Andreas Valentin, Vienna, Austria
13:55-14:00  Discussion
27th Annual Congress of the European Society of Intensive Care Medicine, 27 September - 1 October 2014, Barcelona, Spain

Scientific Programme

State of the Art Session, Stockholm

12:00-14:00  ICU MANAGEMENT OF THE BURN VICTIM
Chair: Anne Berit Guttormsen, Bergen, Norway
Chair: Matthieu Legrand, Paris, France

12:00-12:15 Update on current practices in fluid resuscitation of the burn victim
Speaker: Anne Berit Guttormsen, Bergen, Norway

12:15-12:20 Discussion

12:20-12:35 Management of inhalational injury
Speaker: Marc Léone, Marseille, France

12:35-12:40 Discussion

12:40-12:55 The top 10 secrets of burn ICU care
Speaker: Matthieu Legrand, Paris, France

12:55-13:00 Discussion

13:00-13:15 Managing the first 24 hours correctly
Speaker: Philipp Metnitz, Vienna, Austria

13:15-13:20 Discussion

13:20-13:35 Outcome from burn injuries: Changes over the last 10 years
Speaker: Anne Berit Guttormsen, Bergen, Norway

13:35-13:40 Discussion

13:40-13:55 High voltage and lightning injuries
Speaker: Martin Dünser, Salzburg, Austria

13:55-14:00 Discussion

Thematic Session, Geneva

12:00-14:00  THE DIGITAL PATIENT
Chair: Theodoros Kyprianou, Nicosia, Cyprus
Chair: Max Jonas, Southampton, United Kingdom

12:00-12:15 The digital patient: A new entity?
Speaker: Michael Hiesmayr, Vienna, Austria

12:15-12:20 Discussion

12:20-12:35 Using technology to safeguard the Digital Patient
Speaker: Max Jonas, Southampton, United Kingdom

12:35-12:40 Discussion

12:40-12:55 Big data: New horizons and potential pitfalls in critical care research
Speaker: Theodoros Kyprianou, Nicosia, Cyprus

12:55-13:00 Discussion

13:00-13:15 Modeling and monitoring haemodynamics in silico
Speaker: Pierre Squara, Neuilly-sur-Seine, France

13:15-13:20 Discussion

13:20-13:35 Designing a clinically helpful PDMS
Speaker: Olaf Cremer, Utrecht, Netherlands
13:35-13:40  Discussion
Speaker: Marius Terblanche, London, United Kingdom
13:55-14:00  Discussion

12:00-14:00  CAN THE GUT ADAPT TO CRITICAL ILLNESS?
Chair: Juan Carlos Montejo Gonzales, Madrid, Spain
Chair: Carole Ichai, Nice, France
12:00-12:15  Hormones modulate feeding intolerance
Speaker: Adam Deane, Adelaide, Australia
12:15-12:20  Discussion
12:20-12:35  Gut exocrine failure: Treat or observe
Speaker: Annika Reintam Blaser, Tartu, Estonia
12:35-12:40  Discussion
12:40-12:55  How enteral nutrition modulates GI function
Speaker: Sonja Fruhwald, Graz, Austria
12:55-13:00  Discussion
13:00-13:15  Gut failure, motility and liver injury: A field for prevention
Speaker: Juan Carlos Montejo Gonzales, Madrid, Spain
13:15-13:20  Discussion
13:20-13:35  Risk and benefit of pre- and probiotics
Speaker: Wilfred Druml, Vienna, Austria
13:35-13:40  Discussion
13:40-13:55  Parenteral nutrition supports gut integrity
Speaker: Michaël Casear, Leuven, Belgium
13:55-14:00  Discussion

12:00-14:00  DOGMATA DEBATED 2014
Chair: Charles Sprung, Jerusalem, Israel
Chair: Andrej Michalsen, Tettnang, Germany
12:00-12:15  "Thou shalt not kill" - The Sixth Commandment stands
Speaker: Charles Sprung, Jerusalem, Israel
12:15-12:20  Discussion
12:20-12:35  "Doctor, help me die!" - The Sixth Commandment has fallen
Speaker: Armand Girbes, Amsterdam, Netherlands
12:35-12:40  Discussion
12:40-12:55  The dead-donor rule is irrefutable
Speaker: Dominique Benoit, Ghent, Belgium
12:55-13:00 Discussion
13:00-13:15 The dead-donor rule is outdated
   Speaker: Bob Truog, Boston, United States
13:15-13:20 Discussion
13:20-13:35 Patient autonomy is paramount
   Speaker: J. Randall Curtis, Seattle, United States
13:35-13:40 Discussion
13:40-13:55 Patient autonomy is overrated
   Speaker: Andrej Michalsen, Tettnang, Germany
13:55-14:00 Discussion

Thematic Session, Amsterdam

12:00-14:00 INFECTION CONTROL AS A NURSING CHALLENGE
   Chair: Carole Boulanger, Exeter, United Kingdom
   Chair: Dani Martí Romeu, Barcelona, Spain
12:00-12:15 Who is responsible?
   Speaker: Jos Latour, Plymouth, United Kingdom
12:15-12:20 Discussion
12:20-12:35 Value and limitations of e-learning to enhance infection prevention
   Speaker: Sonia Labeau, Ghent, Belgium
12:35-12:40 Discussion
12:40-12:55 Achieving a culture of quality in reducing infections
   Speaker: Mireia Llaurado, Tarragona, Spain
12:55-13:00 Discussion
13:00-13:15 Organising infection surveillance
   Speaker: Elsa Afonso, London, United Kingdom
13:15-13:20 Discussion
13:20-13:35 Empowering relatives and patients
   Speaker: Ruth Endacott, Plymouth, United Kingdom
13:35-13:40 Discussion
13:40-13:55 Hand hygiene compliance
   Speaker: Julie Benbenishty, Jerusalem, Israel
13:55-14:00 Discussion

Hot Topics Session, Barcelona

14:10-16:30 HOT TOPICS SESSION
   Chair: Daniel De Backer, Brussels, Belgium
   Chair: Howard Bauchner, Boston, United States
14:10-14:30 Award winners
   Speaker: Jacques Duranteau, Kremlin-Bicetre, France
14:30-14:45  The effects of decontamination of the oropharynx and intestinal tract on antibiotic resistance in ICUs
Speaker: Evelien Oostdijk, Utrecht, Netherlands

14:45-14:50  Discussion

14:50-15:05  The VITdAL@ICU trial: Correction of vitamin D deficiency in critically ill patients
Speaker: Karin Amrein, Graz, Austria

15:05-15:10  Discussion

15:10-15:25  Early high-dose erythropoietin therapy after out-of-hospital cardiac arrest: A multicentre, randomized controlled trial (EPO-ACR 02)
Speaker: Alain Cariou, Paris, France

15:25-15:30  Discussion

15:30-15:45  Early goal directed therapy in sepsis: The ARISE trial
Speaker: Sandra Peake, Adelaide, Australia

15:45-15:50  Discussion

15:50-16:05  Transfusion threshold in septic shock: The TRISS trial
Speaker: Lars Holst, Copenhagen, Denmark

16:05-16:10  Discussion

16:10-16:25  Calories: A phase III multicentre RCT comparing early nutritional support with parenteral versus enteral routes
Speaker: Kathy Rowan, London, United Kingdom

16:25-16:30  Discussion