



## 3. Organs

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### 3.1 BRAIN

*Neuroanaesthesiology and Intensive Care*



### 3.2 HEART

*Cardiovascular and Haemodynamics*



### 3.3 LUNG AND THORACIC ANAESTHESIA

*Ventilation and Pulmonary Disease in OR & ICU*



### 3.4 INFECTION, SEPSIS AND IMMUNOLOGY



S

Symposium

**30S1****Organ donation in the 21st century – A journey of hope or a road to dystopia?**25 May 2024  
14:30 – 15:30

Room 13A



Chair: Vladimir Cerny (Ústí Nad Labem, Czech Republic)

**Defining death and organ donation**

Speaker: Dale Gardiner (Nottingham, United Kingdom)

**Voluntary euthanasia and organ donation: dangerous bedfellows?**

Speaker: Jan Albert Maria Bollen (Nijmegen, Netherlands)

**Organ markets and judicial bargaining: is this the future?**

Speaker: Robert Klitzman (New York, United States)

LT

Lightning Talk

**30LT2****Organ cross-talk in the abdomen during anaesthesia and intensive care**

Session organised by the World Society of the Abdominal Compartment Syndrome (WSACS)

25 May 2024  
16:15 – 17:15

Room 14C



Chair: Manu Malbrain (Lovenjoel, Belgium)

Chair: Annika Reintam Blaser (Tartu, Estonia)

**Venous congestion in the abdomen – detection and management.**

Speaker: Rob Wise (Oxford, United Kingdom)

**How to optimize volume status, vascular tone and perfusion pressure to preserve kidney function perioperatively**

Speaker: Marije Smit (Groningen, Netherlands)

**Intra-abdominal pressure in obstetrics**

Speaker: Manu Malbrain (Lovenjoel, Belgium)

**The gut and the liver – interactions in critical illness.**

Speaker: Annika Reintam Blaser (Tartu, Estonia)

**Roundtable discussion: Crossing the usual borders between organs**



S

Symposium

**30S2**

## **Perioperative risk in patients with cirrhosis**

26 May 2024  
14:00 – 15:00

Room 5



Chair: Dana Rodica Tomescu (Bucharest, Romania)

### **Preoperative assessment of cirrhotic patients - Time to decide if we can proceed to surgery**

Speaker: Emmanuel Weiss (Clichy, France)

### **Monitoring and blood tests to reduce post-operative complications in cirrhotic patients undergoing surgery**

Speaker: Annabel Blasi (Barcelona, Spain)

### **Advanced postoperative monitoring in cirrhotic patients: is Enhanced Recovery After Surgery (ERAS) the solution ?**

Speaker: Dmitri Bezinover (Philadelphia, United States)

P

Panel Discussion

**30P1**

## **Frailty and age as contraindications for organ transplant**

26 May 2024  
17:00 – 18:00

Room 14C



Chair: Annabel Blasi (Barcelona, Spain)

### **Current level of evidence for contraindicating organ transplant in aged and frail patients**

Speaker: Emmanuel Weiss (Clichy, France)

### **Tools to assess frailty in the context of organ transplantation**

Speaker: Ivette Chocrón Da Prat (Barcelona, Spain)

### **Do anaesthesia and surgery have an impact on cognitive outcome in transplanted patients?**

Speaker: Yotam Weiss (Tel Aviv, Israel)

### **Is there room for improvement in the management of organ transplant in aged and frail patients?**

Speaker: Fuat Hakan Saner (Riyadh, Saudi Arabia)

### **Panel discussion**



LT

Lightning Talk

## 30LT3

### Monitoring in anaesthesia for liver surgery: differences with liver transplantation

Session organised by the Liver Intensive Care Group of Europe (LICAGE)

27 May 2024  
09:15 – 10:15

Room 13A



Chair: Koen Reyntjens (Groningen, Netherlands)

#### TEE in liver surgery and liver transplantation

Speaker: Dmitri Bezinover (Philadelphia, United States)

#### Use of minimal invasive monitoring in liver surgery and transplantation

Speaker: Koen Reyntjens (Groningen, Netherlands)

#### Coagulation monitoring: what is important ?

Speaker: Annabel Blasi (Barcelona, Spain)

#### Neuromonitoring: black box or useful tool? (virtual presentation)

Speaker: Constantine Karvellas (Edmonton, Canada)



S

Symposium

31S1

**Brain mechanisms of anaesthesia: an update**25 May 2024  
13:15 – 14:15

Room 5

Chair: Özlem Korkmaz Dilmen (Istanbul, Turkey)

**Theories of consciousness: how do they help us understand anaesthesia**

Speaker: Olivia Gosseries (Liège, Belgium)

**Thalamo-cortical circuits: are they the key?**

Speaker: Aeyal Raz (Haifa, Israel)

**Brain effects of anaesthetics at a system level**

Speaker: Vincent Bonhomme (Liège, Belgium)

P

Panel Discussion

31P1

**Protecting the mind: effective strategies to prevent cognitive disorder**25 May 2024  
14:30 – 15:30

Room 14A

Chair: Finn Radtke (Nykoebing, Denmark)

**Protecting the brain in cardiac surgery**

Speaker: Mona Momeni (Brussels, Belgium)

**Update on optimised sedative and analgesic approaches in geriatric care**

Speaker: Cynthia Olotu (Hamburg, Germany)

**Strategies to decrease neurocognitive disorders in the elderly**

Speaker: Lisbeth Evered (New York, United States)

**Panel discussion**

P

Panel Discussion

31P2

**Traumatic Brain Injury (TBI) – What's new and where do the guidelines lead us?**26 May 2024  
09:30 – 10:30

Room 14A

Chair: Özlem Korkmaz Dilmen (Istanbul, Turkey)

**Treatment of TBI patients according to the guidelines – Where do we stand?**

Speaker: Özlem Korkmaz Dilmen (Istanbul, Turkey)

**Managing blood calcium levels in TBI patients**

Speaker: Aeyal Raz (Haifa, Israel)

**Personalised approach to rehabilitation following TBI**

Speaker: Dana Baron Shahaf (Haifa, Israel)

**Panel discussion**



P

Panel Discussion

**31P3**

### **Rationale and reports from the Safe Brain Initiative (SBI) task force**

26 May 2024  
11:00 – 12:00

Room 5



Chair: Finn Radtke (Nykoebing, Denmark)

#### **Do we dare to focus on real-world outcomes trajectories? An argument for a new quality management approach**

Speaker: Wolfgang Buhre (Utrecht, Netherlands)

#### **How to operationalise and improve anaesthesia outcomes in the daily routine?**

Speaker: Finn Radtke (Nykoebing, Denmark)

#### **Reports from SBI center's achievements and challenges**

Speaker: Basak Ceyda Meço (Ankara, Turkey)

#### **Lesson learned and future direction for the SBI task force**

Speaker: Edoardo De Robertis (Perugia, Italy)

#### **Panel discussion**

S

Symposium

**31S2**

### **Sedation in neurocritically ill patients**

27 May 2024  
15:00 – 16:00

Room 14A



Chair: Vincent Bonhomme (Liège, Belgium)

#### **Sedation strategy in different neurocritical pathologies: an update**

Speaker: Evgeni Brotfain (Beer Sheva, Israel)

#### **Sedation vacation in NICU: main concept and guidelines update (virtual presentation)**

Speaker: Chiara Robba (Genova, Italy)

#### **Withdrawal from opiates and benzodiazepines in NICU patients: diagnosis and management**

Speaker: Federico Bilotta (Rome, Italy)



D

Pro-Con Debate

### 32D1

## ICU after major non cardiac surgery: do all high-risk cardiac patients need it? Pro-con

25 May 2024  
10:30 – 11:30

Room 14B



Chair: Fabio Guarracino (Pisa, Italy)

### Yes, all high-risk cardiac patients need ICU after major non cardiac surgery

Speaker: Daniela Ionescu (Cluj Napoca, Romania)

### No, not all high-risk cardiac patients need ICU after major non cardiac surgery

Speaker: Mona Momeni (Brussels, Belgium)

### Discussion and voting

LT

Lightning Talk

### 32LT1

## My patient with severe cardiac co-morbidity requires emergency non-cardiac surgery

25 May 2024  
16:15 – 17:15

Auditorium 1



Chair: Nandor Marczin (Harefield, United Kingdom)

### The patient with heart failure

Speaker: Michelle Chew (Linkoping, Sweden)

### The patient with ischemic heart disease

Speaker: Fabio Guarracino (Pisa, Italy)

### The patient with right ventricular dysfunction

Speaker: Steffen Rex (Leuven, Belgium)

### The patient with Left Ventricular Assist Device (LVAD)

Speaker: Vera von Dossow (Bad Oeynhausen, Germany)

### Discussion



LT

Lightning Talk

### 32LT2

## Avoiding drama in the OR – Proactive haemodynamic management strategies for the perioperative patient

26 May 2024  
09:30 – 10:30

Room 13B



Chair: Michael Sander (Giessen, Germany)

### **You need to measure blood pressure, so please measure it continuously**

Speaker: Agnes Meidert (Munich, Germany)

### **We need cardiac output monitoring for high-risk surgery**

Speaker: Bernd Saugel (Hamburg, Germany)

### **Closed-loop fluid management – The computer can give fluids better than you**

Speaker: Alexandre Joosten (Los Angeles, United States)

### **Artificial intelligence in the OR – We need predictive monitoring in anaesthesia to prevent haemodynamic instability**

Speaker: Denise Veelo (Amsterdam, Netherlands)

### **Discussion**

ME

Meet-the-Expert

### 32ME1

## Anaesthesia in obese patients with severe heart disease

26 May 2024  
11:00 – 11:45

Room 14B



Chair: Nandor Marczin (Harefield, United Kingdom)

### **Anaesthesia in obese patients with severe heart disease**

Speaker: Eva Rivas (Barcelona, Spain)





S

Symposium

**32S1**

### **Cardiac challenges in non-cardiac surgery**

Session organised by the European Association of Cardiothoracic Anaesthesiology and Intensive Care (EACTAIC)



26 May 2024  
15:45 – 16:45

Room 14C

Chair: Mona Momeni (Brussels, Belgium)

#### **Perioperative management of patients with heart failure with preserved ejection fraction (HFpEF)**

Speaker: Patrick Wouters (Ghent, Belgium)

#### **Can we modify the perioperative risk associated with Pulmonary Hypertension ?**

Speaker: Steffen Rex (Leuven, Belgium)

#### **Are we prepared to care for the growing surgical population of patients with grown-up congenital heart disease?**

Speaker: Dominique Anne Bettex (Zurich, Switzerland)

P

Panel Discussion

**32P1**

### **Enhanced recovery should be standard of care in cardiac surgery**

27 May 2024  
09:15 – 10:15

Room 14A

Chair: Mona Momeni (Brussels, Belgium)

#### **Patient selection, preoperative optimisation**

Speaker: Michael Sander (Giessen, Germany)

#### **Intraoperative opportunities**

Speaker: Sascha Treskatsch (Berlin, Germany)

#### **Postoperative management dilemmas**

Speaker: Yael Lichter (London, United Kingdom)

#### **The critical role of ERAS bundles**

Speaker: Steffen Rex (Leuven, Belgium)

#### **Panel discussion**



S

Symposium

### 32S2

## The critically-ill patient (acute non-cardiac illness) with severe cardiac comorbidity

27 May 2024  
13:30 – 14:30

Room 13A



Chair: Bernard Cholley (Paris, France)

### The role of valvular pathologies in managing the hypovolemic patient

Speaker: Yael Lichter (London, United Kingdom)

### HFpEF - How to better control fluid status? (Early invasive haemodynamic monitoring)

Speaker: Michelle Chew (Linköping, Sweden)

### HFrEF - When, which and how much inotropes?

Speaker: Bernard Cholley (Paris, France)



ME

Meet-the-Expert

**33ME1**

### New guidelines for the management of Acute Respiratory Distress Syndrome (ARDS)

25 May 2024

13:30 – 14:15

Room 14A



Chair: Gary Mills (Sheffield, United Kingdom)

#### New guidelines for the management of ARDS

Speaker: Giacomo Grasselli (Milan, Italy)

S

Symposium

**33S1**

### Lung protective ventilation in patients with obesity

Session organised by the European Society of Perioperative Care for Obese Patients (ESPCOP)



25 May 2024

14:30 – 15:30

Room 14B



Chair: Daniela Godoroja (Bucharest, Romania)

#### What is different in the lung physiology of the patient with obesity undergoing surgery

Speaker: Tomasz Gaszynski (Lodz, Poland)

#### How to apply lungprotective guidelines in patients with obesity

Speaker: Luc De Baerdemaeker (Ghent, Belgium)

#### the impact of lung protective ventilation on postoperative lung function in patients suffering from obesity

Speaker: Sarah Saxena (Brugge, Belgium)

P

Panel Discussion

**33P1**

### Enhanced recovery after thoracic surgery

25 May 2024

16:15 – 17:15

Room 13A

Chair: Lorenzo Ball (Genova, Italy)

#### Prehabilitation

Speaker: Ricard Navarro-Ripoll (Barcelona, Spain)

#### Perioperative fluid management and nutrition

Speaker: Ruth Shaylor (Tel Aviv, Israel)

#### Effects of ventilation on postoperative recovery

Speaker: Nuzhet Mert Senturk (Istanbul, Turkey)

#### Pain management

Speaker: Vojislava Neskovic (Belgrade, Serbia)

#### Panel discussion



P

Panel Discussion

**33P2**

### **Perioperative respiratory support**

25 May 2024  
17:30 – 18:30

Room 14C

Chair: Gary Mills (Sheffield, United Kingdom)

#### **Intraoperative ventilation**

Speaker: Lorenzo Ball (Genova, Italy)

#### **CPAP and Non-Invasive Ventilation (NIV) after surgery**

Speaker: Nuzhet Mert Senturk (Istanbul, Turkey)

#### **Hi-Flo after surgery**

Speaker: Arnaud Thille (Creteil, France)

#### **Panel discussion**

P

Panel Discussion

**33P3**

### **Pulmonary hypertension in anaesthesia and critical care**

26 May 2024  
08:15 – 09:15

Room 13B



Chair: Nuzhet Mert Senturk (Istanbul, Turkey)

#### **How do I assess a patient with pulmonary hypertension for non-cardiac anaesthesia**

Speaker: Gary Mills (Sheffield, United Kingdom)

#### **How should I manage a patient with pulmonary hypertension in the OR**

Speaker: Nandor Marczin (Harefield, United Kingdom)

#### **How should I manage a patient for obstetric anaesthesia with pulmonary hypertension**

Speaker: Mukadder Orhan Sungur (Istanbul, Turkey)

#### **How should I manage a patient on critical care with pulmonary hypertension**

Speaker: Kris Bauchmuller (Sheffield, United Kingdom)

#### **Panel discussion**



**D**

Pro-Con Debate

### 33D1

## Pressure-controlled or volume-controlled ventilation to avoid postoperative pulmonary complication? Pro-con

26 May 2024  
17:00 – 18:00

Room 14A

Chair: Gary Mills (Sheffield, United Kingdom)

### Volume-controlled ventilation is better

Speaker: Carlo Alberto Volta (Ferrara, Italy)

### Pressure-controlled ventilation is better

Speaker: Gianmaria Cammarota (Perugia, Italy)

### Discussion and voting

**ME**

Meet-the-Expert

### 33ME2

## Non-invasive respiratory support in hypoxemic patients

27 May 2024  
09:30 – 10:15

Room 14B

Chair: Lorenzo Ball (Genova, Italy)

### Non-invasive respiratory support in hypoxemic patients

Speaker: Christian Putensen (Bonn, Germany)

**P**

Panel Discussion

### 33P4

## Extubation in ICU: when and how?

27 May 2024  
10:45 – 11:45

Room 13B

Chair: Lorenzo Ball (Genova, Italy)

### The high risk patients

Speaker: Gianmaria Cammarota (Perugia, Italy)

### The obese patient

Speaker: TBC

### Can ultrasound help ?

Speaker: Silvia Mongodi (Pavia, Italy)

### Does Neurally Adjusted Ventilatory Assist (NAVA) help ?

Speaker: Gary Mills (Sheffield, United Kingdom)

### Panel discussion





S

Symposium

**33S2**

### **Ventilation during anaesthesia: what are the recommendations?**

27 May 2024  
13:30 – 14:30

Room 14A

Chair: Lorenzo Ball (Genova, Italy)

#### **Protective ventilation during anaesthesia**

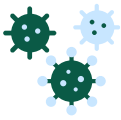
Speaker: Sabrine Hemmes (Amsterdam, Netherlands)

#### **Recruitment manoeuvres to everyone or only to selected patients?**

Speaker: Lorenzo Ball (Genova, Italy)

#### **What is the place of Continuous Positive Airway Pressure (CPAP) or High-Flow Nasal Cannula (HFNC) in PACU?**

Speaker: Andrea Cortegiani (Palermo, Italy)

**ME**

Meet-the-Expert

**34ME1****Sepsis: towards an individualised approach**25 May 2024  
10:30 – 11:15

Room 13A



Chair: Krisztina Madách (Budapest, Hungary)

**From a guideline-based towards an individually tailored sepsis management**

Speaker: Mervyn Singer (London, United Kingdom)

**LT**

Lightning Talk

**34LT1****How to manage sepsis-induced organ dysfunction**25 May 2024  
17:30 – 18:30

Room 14A



Chair: Anne Claire Lukaszewicz (Lyon, France)

**Liver dysfunction**

Speaker: Ilona Bobek (Budapest, Hungary)

**Acute renal failure**

Speaker: Melanie Meersch (Muenster, Germany)

**Myocardial dysfunction and failure**

Speaker: Mervyn Singer (London, United Kingdom)

**Coagulopathy and Disseminated Intravascular Coagulation (DIC)**

Speaker: Vincenzo Russotto (Orbassano, Italy)

**Discussion****CB**

Case-Based Discussion

**34CB1****Friday-night admission of a patients with severe infection and sepsis**26 May 2024  
08:15 – 09:15

Room 14C



Chair: Ilona Bobek (Budapest, Hungary)

**Let's start with the initial resuscitation**

Speaker: Yael Lichter (London, United Kingdom)

**How to control infection? Focus on antibiotic management**

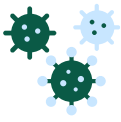
Speaker: Giorgia Montrucchio (Turin, Italy)

**How to manage respiratory insufficiency and ventilation**

Speaker: Sabrine Hemmes (Amsterdam, Netherlands)

**Which additional therapies should I start?**

Speaker: Despoina Koulenti (Athens, Greece)



S

Symposium

**34S1****Controversies in the management of sepsis**26 May 2024  
11:00 – 12:00

Room 13B



Chair: Ilona Bobek (Budapest, Hungary)

**Early empiric or later focused antibiotic therapy: when should I start?**

Speaker: Giorgia Montrucchio (Turin, Italy)

**Extracorporeal blood purification: can we remove anything at any time?**

Speaker: Christian Bode (Bonn, Germany)

**Is volume-vasopressors-inotropes always the right sequence?**

Speaker: Fabio Guarracino (Pisa, Italy)

P

Panel Discussion

**34P1****New threats in ICU infections: impact of pandemic, climate change, migrations, and emerging pathogens**26 May 2024  
15:45 – 16:45

Room 13A



Chair: Giorgia Montrucchio (Turin, Italy)

**Challenging scenarios in ICU infections: travel back, migrations, climate change and neglected diseases**

Speaker: Pedro Pova (Lisbon, Portugal)

**The next pandemic will be... (influenza, a novel coronavirus, a vector-borne infection?)**

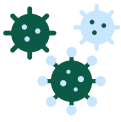
Speaker: Jordi Rello (Barcelona, Spain)

**Antibiotics, antimicrobial resistance, nosocomial infections and equity: from single-patient to One-Health perspective**

Speaker: Despoina Koulenti (Athens, Greece)

**Panel discussion**





LT

Lightning Talk

**34LT2****Acute Kidney Injury (AKI) in sepsis**27 May 2024  
08:00 – 09:00

Room 13B



Chair: Ilona Bobek (Budapest, Hungary)

**The early diagnosis of AKI in sepsis**

Speaker: Sascha David (Zurich, Switzerland)

**First do no harm – How to prevent AKI in septic patients**

Speaker: Krisztina Madách (Budapest, Hungary)

**Should we routinely use loop diuretics in oliguric septic patients?**

Speaker: Ilona Bobek (Budapest, Hungary)

**When to start continuous renal replacement therapy in septic patients**

Speaker: Mihai Popescu (Bucharest, Romania)

**Discussion**

LT

Lightning Talk

**34LT3****Antimicrobial stewardship: unsolved issues and possible strategies**27 May 2024  
09:15 – 10:15

Room 13B



Chair: Sascha David (Zurich, Switzerland)

**Biomarkers in the ICU: how to use them?**

Speaker: Ignacio Martin-Loeches (Dublin, Ireland)

**Diagnostic stewardship and fast-track microbiology**

Speaker: Stefania Stefani (Catania, Italy)

**Antifungal stewardship: possible strategies**

Speaker: Andrea Cortegiani (Palermo, Italy)

**Appropriateness, equity and future perspectives**

Speaker: Giorgia Montrucchio (Turin, Italy)

**Discussion**