

Tuesday 15 March 2016 - AM

ROOM : HLB Room

Opening [Standard presentation]

Moderator : Jesse Hall (Chicago , United States)

Moderator : Jacques Creteur (Brussels , Belgium)

8:30 - 8:50 - Welcome – personalized intensive care medicine

Jean-Louis Vincent (Brussels , Belgium)

8:50 - 9:10 - Report of the Round Table Conference on Recovery after Critical Illness: Putting the Puzzle Together

Margaret Herridge (Toronto , Canada), Elie Azoulay (Paris , France)

9:10 - 9:30 - The Max Harry Weil Memorial lecture: Individualized management of ARDS

Laurent Brochard (Toronto, Canada)

Fever control [Standard presentation]

Moderator : Christian Eckmann (Peine, Germany)

Moderator : Balasubramanian Venkatesh (Brisbane , Australia)

11:00 - 11:15 - Should we modify temperature in patients with severe infections?

Manoj Saxena (Sydney, Australia)

11:15 - 11:30 - Fever control in the neurological patient

Raimund Helbok (Innsbruck , Austria)

11:30 - 11:45 - How to control temperature

Kjetil Sunde (Oslo , Norway)

11:45 - 12:00 - Can paracetamol save lives?

Paul Young (Wellington, New Zealand)

12:00 - 12:15 - Discussion

Tuesday 15 March 2016 - PM

ROOM : HLB Room

Early resuscitation in sepsis [Standard presentation]

Moderator : Manoj Saxena (Sydney, Australia)

Moderator : Jan Bakker (Rotterdam , Netherlands)

13:30 - 13:45 - Arterial blood pressure target

Jean-Louis Teboul (Le Kremlin-Bicêtre , France)

13:45 - 14:00 - Lots of oxygen?

Peter Radermacher (Ulm , Germany)

14:00 - 14:15 - Should EGDT be abandoned?

Daniel De Backer (Brussels, Belgium)

14:15 - 14:30 - How useful are the changes in lactate levels?

Michael Fries (Limburg, Germany)

14:30 - 14:45 - Discussion

14:45 - 15:00 - Is oliguria a big deal?

John Kellum (Pittsburgh , United States)

15:00 - 15:15 - We can challenge empirical antibiotic therapy

Jean-François Timsit (Paris, France)

15:15 - 15:30 - Broad-spectrum antibiotics for all?

Pierre-François Laterre (Brussels , Belgium)

15:30 - 15:45 - Impact of pathogen identification

Michael Pulia (Madison, United States)

15:45 - 15:55 - Discussion

15:55 - 16:10 - Is the timing of antibiotic therapy really so important?

Mervyn Singer (London , United Kingdom)

16:10 - 16:25 - Source control issues

Christian Eckmann (Peine, Germany)

16:25 - 16:40 - When is it safe to start feeding?

Gunnar Elke (Kiel, Germany)

16:40 - 16:55 - What is left from our previous recommendations?

Claude Martin (Marseille , France)

16:55 - 17:10 - Discussion

Hemodynamic monitoring in 2025 [Plenary lecture]

17:10 - 17:35 - Hemodynamic monitoring in 2025

Maxime Cannesson (Los Angeles, United States)

No bacteremia, no VAP, no resistance [Plenary lecture]

17:35 - 18:00 - No bacteremia, no VAP, no resistance

Miguel Sánchez García (Madrid, Spain)

Tuesday 15 March 2016 - AM

ROOM : Gold Hall

Reversal of anticoagulation [Standard presentation]

Moderator : Gerard R Manecke (San Diego, United States)

Moderator : Maxime Cannesson (Los Angeles, United States)

11:00 - 11:15 - General principles

Marcel Levi (Amsterdam , Netherlands)

11:15 - 11:30 - Reversal of novel oral anticoagulants

Oliver Grottke (Aachen, Germany)

11:30 - 11:45 - What the neurosurgeon wants

Peter Le Roux (Wynnewood, United States)

11:45 - 12:00 - My stented patient is bleeding

Jerrold H Levy (Durham, United States)

12:00 - 12:15 - Discussion

Tuesday 15 March 2016 - PM

ROOM : Gold Hall

Respiratory basics [Standard presentation]

Moderator : Arthur S Slutsky (Toronto , Canada)

Moderator : Roy Brower (Baltimore , United States)

13:45 - 14:00 - How CO2 may both protect and harm

Brian Kavanagh (Toronto , Canada)

14:00 - 14:15 - Capnography

Sharon Einav (Jerusalem , Israel)

14:15 - 14:30 - Intrinsic PEEP: Clinical relevance and monitoring

Giacomo Bellani (Monza , Italy)

14:30 - 14:45 - Discussion

14:45 - 15:00 - Learning physiology through mechanical ventilation

Laurent Brochard (Toronto, Canada)

15:00 - 15:15 - Permeability alterations in ARDS

Geoffrey Bellingan (London , United Kingdom)

15:15 - 15:30 - Tissue and gas distribution at different inflation pressures in ARDS

Luciano Gattinoni (Milan , Italy)

15:30 - 15:45 - Discussion

Mechanical ventilation in ARDS [Standard presentation]

Moderator : Luciano Gattinoni (Milan , Italy)

Moderator : Laurent Brochard (Toronto, Canada)

15:45 - 16:00 - How do we currently do it?

Giacomo Bellani (Monza , Italy)

16:00 - 16:15 - `Fine tune` ARDSnet protocol

Jesse Hall (Chicago , United States)

16:15 - 16:30 - Spontaneous breathing in ARDS: Obvious benefits

Alain Mercat (Angers , France)

16:30 - 16:45 - Spontaneous breathing in ARDS patients: Hidden harms

Antonio Pesenti (Milan , Italy)

16:45 - 17:00 - Discussion

17:00 - 17:15 - Impact of different pressure modes on respiratory pattern

Jean-Christophe Richard (Metz-Tessy, France)

17:15 - 17:30 - A place for NAVA?

Johannes Van Der Hoeven (Nijmegen , Netherlands)

17:30 - 17:45 - High frequency ventilation: What did we do wrong?

Arthur S Slutsky (Toronto , Canada)

17:45 - 18:00 - Discussion

Tuesday 15 March 2016 - AM

ROOM : Copper Hall

The SOSD phases of fluid therapy [Standard presentation]

Moderator : Antoine Vieillard-Baron (Boulogne-Billancourt , France)

Moderator : Matthieu Biais (Bordeaux, France)

11:00 - 11:15 - Salvage

Nathan Shapiro (Boston , United States)

11:15 - 11:30 - Optimization

Daniel De Backer (Brussels, Belgium)

11:30 - 11:45 - Stabilization

Michel Slama (Amiens , France)

11:45 - 12:00 - De-escalation

John C Marshall (Toronto , Canada)

12:00 - 12:15 - Discussion

Tuesday 15 March 2016 - PM

ROOM : Copper Hall

Long-term outcomes [Standard presentation]

Moderator : E Wesley Ely (Nashville , United States)

Moderator : Ramona O Hopkins (Murray , United States)

13:45 - 14:00 - Pre-admission functional status counts the most

James Krinsley (Stamford , United States)

14:00 - 14:15 - Use of biomarkers to predict outcomes

Alexandre Mebazaa (Paris , France)

14:15 - 14:30 - The precise reasons for readmission matter

Theodore J Iwashyna (Ann Arbor, United States)

14:30 - 14:45 - Does sepsis increase long term mortality?

Manu Shankar-Hari (London , United Kingdom)

14:45 - 15:00 - Outcome after ARDS

Michael Quintel (Göttingen , Germany)

15:00 - 15:15 - Discussion

15:15 - 15:30 - What happens to the frail?

Sean Bagshaw (Edmonton , Canada)

15:30 - 15:45 - Sometimes it is persistent critical illness

Theodore J Iwashyna (Ann Arbor, United States)

15:45 - 16:00 - What kind of recovery?

Stephen Brett (London , United Kingdom)

16:00 - 16:15 - We need risk stratification

Margaret Herridge (Toronto , Canada)

16:15 - 16:30 - The big picture: There is no unique post-ICU syndrome

Gordon Rubinfeld (Toronto , Canada)

16:30 - 16:45 - Discussion

16:45 - 17:00 - Break

Improving physical outcomes [Standard presentation]

Moderator : Kathleen Puntillo (San Francisco , United States)

Moderator : Hannah Wunsch (Toronto, Canada)

17:00 - 17:15 - Predicting the recovery of physical function

Nicola Latronico (Brescia , Italy)

17:15 - 17:30 - Early rehabilitation in the ICU

Dale Needham (Baltimore , United States)

17:30 - 17:45 - We should send patients to rehabilitation centers earlier

Kenneth Christopher (Boston, United States)

17:45 - 18:00 - Discussion

Tuesday 15 March 2016 - AM

ROOM : Salle M (Bozar)

Tuesday 15 March 2016 - AM

ROOM : Tent

How much oxygen? [Standard presentation]

Moderator : Gordon Rubinfeld (Toronto , Canada)

Moderator : Samir Jaber (Montpellier , France)

11:00 - 11:15 - Hyperoxia is bad

Paul Young (Wellington, New Zealand)

11:15 - 11:30 - Hyperoxia is good

Peter Radermacher (Ulm , Germany)

11:30 - 11:45 - Blood gas targets

Antonio Pesenti (Milan , Italy)

11:45 - 12:00 - We need closed-loop oxygen control

Richard Branson (Cincinnati , United States)

12:00 - 12:15 - Discussion

Tuesday 15 March 2016 - PM

ROOM : Tent

Personalized medicine: Are we ready for it? [Standard presentation]

Moderator : Hector R Wong (Cincinnati , United States)

Moderator : Elie Azoulay (Paris , France)

13:45 - 14:00 - The concept of personalized medicine

Andrew Shaw (Nashville, United States)

14:00 - 14:15 - Everything is in the genes

Jean-Paul Mira (Paris , France)

14:15 - 14:30 - The metabolome is the answer

Kenneth Christopher (Boston, United States)

14:30 - 14:45 - Molecular biomarkers to guide specific therapies

Tom van der Poll (Amsterdam , Netherlands)

14:45 - 15:00 - Precision medicine in clinical trials

Derek C Angus (Pittsburgh , United States)

15:00 - 15:15 - Discussion

New therapies in the pipeline [Standard presentation]

Moderator : Thierry Calandra (Lausanne , Switzerland)

Moderator : Peter Weijs (Amsterdam, Netherlands)

15:15 - 15:30 - New sepsis therapies

Steven Opal (Providence , United States)

15:30 - 15:45 - Immunostimulating strategies

Didier Payen (Paris , France)

15:45 - 16:00 - Thrombomodulin

Jean-Louis Vincent (Brussels , Belgium)

16:00 - 16:15 - Interferon-beta in ARDS

Geoffrey Bellingan (London , United Kingdom)

16:15 - 16:30 - Other new ARDS therapies

B. Taylor Thompson (Boston , United States)

16:30 - 16:45 - Discussion

16:45 - 17:00 - Vasopressin analogs to prevent leakage

James A Russell (Vancouver , Canada)

17:00 - 17:15 - Angiotensin II

Lakhmir S Chawla (San Diego, United States)

17:15 - 17:30 - Adrenomedullin

Alexandre Mebazaa (Paris , France)

17:30 - 17:45 - Stem cell therapies

Claudia Dos Santos (Toronto , Canada)

17:45 - 18:00 - Discussion

Tuesday 15 March 2016 - AM

ROOM : Silver Hall

Life-threatening emergencies [Standard presentation]

Moderator : Daryl Jones (Heidelberg, Australia)

Moderator : Johannes Van Der Hoeven (Nijmegen , Netherlands)

11:00 - 11:15 - Anaphylaxis

Jerrold H Levy (Durham, United States)

11:15 - 11:30 - Exertional heat illness and heat stroke

Stephen Brett (London , United Kingdom)

11:30 - 11:45 - Blast injury: Myths and facts.

Michael Reade (Brisbane, Australia)

11:45 - 12:00 - Swimming and diving lung edema

Peter Radermacher (Ulm , Germany)

12:00 - 12:15 - Discussion

Tuesday 15 March 2016 - PM

ROOM : Silver Hall

Preventing renal failure [Standard presentation]

Moderator : Claudio Ronco (Vicenza , Italy)

Moderator : Lakhmir S Chawla (San Diego, United States)

13:45 - 14:00 - We should use remote ischemic preconditioning

John Kellum (Pittsburgh , United States)

14:00 - 14:15 - I´m not sure

Kai Zacharowski (Frankfurt , Germany)

14:15 - 14:25 - Discussion

14:25 - 14:40 - We should keep CVP low

Didier Payen (Paris , France)

14:40 - 14:55 - I´m not sure

Daniel De Backer (Brussels, Belgium)

14:55 - 15:05 - Discussion

15:05 - 15:20 - We should give albumin to protect the kidneys

Christian J Wiedermann (Bolzano , Italy)

15:20 - 15:35 - I´m not sure

Jukka Takala (Bern , Switzerland)

15:35 - 15:45 - Discussion

15:45 - 16:00 - Break

Relatives in the ICU [Standard presentation]

Moderator : Marcus Schultz (Amsterdam , Netherlands)

Moderator : Michel Slama (Amiens , France)

16:00 - 16:15 - What relatives think of us

Kathy Rowan (London , United Kingdom)

16:15 - 16:30 - They should have a more active role

Samuel Brown (Murray, United States)

16:30 - 16:45 - What do you think about research?

Sangeeta Mehta (Toronto , Canada)

16:45 - 17:00 - Discussion

17:00 - 17:15 - Presence during a child´s invasive procedure or resuscitation

Martha A.Q. Curley (Philadelphia, United States)

17:15 - 17:30 - We need to facilitate communication

J Randall Curtis (Seattle , United States)

17:30 - 17:45 - What about the patient without relatives?

Jean-Paul Mira (Paris , France)

17:45 - 18:00 - Discussion

Tuesday 15 March 2016 - AM

ROOM : 100 Hall

In the emergency room [Standard presentation]

Moderator : Rinaldo Bellomo (Melbourne, Australia)

Moderator : Jean-Paul Mira (Paris , France)

11:00 - 11:15 - Can we measure blood gases and lactate from venous or capillary blood?

Michael Reade (Brisbane, Australia)

11:15 - 11:30 - The patient is on statins: Should we continue them?

Laurent Papazian (Marseille , France)

11:30 - 11:45 - We need biomarkers

Nathan Shapiro (Boston , United States)

11:45 - 12:00 - Antimicrobial stewardship in the era of antibiotic resistance

Michael Pulia (Madison, United States)

12:00 - 12:15 - Discussion

Tuesday 15 March 2016 - PM

ROOM : 100 Hall

After cardiac arrest [Standard presentation]

Moderator : Paul Young (Wellington, New Zealand)

Moderator : Oliver Grottke (Aachen, Germany)

13:45 - 14:00 - The fifth link in the chain of survival concept

Takashi Tagami (Tokyo, Japan)

14:00 - 14:15 - The impact of sex on post-arrest care

Laurie Morrison (Toronto , Canada)

14:15 - 14:30 - Optimizing brain perfusion

Johannes Van Der Hoeven (Nijmegen , Netherlands)

14:30 - 14:45 - Targeted temperature management

Jerry Nolan (Bath , United Kingdom)

14:45 - 15:00 - Discussion

15:00 - 15:15 - Ventilatory management

Paolo Pelosi (Genoa , Italy)

15:15 - 15:30 - Hemodynamic management

Kjetil Sunde (Oslo , Norway)

15:30 - 15:45 - Hypercapnia to protect the brain?

Rinaldo Bellomo (Melbourne, Australia)

15:45 - 16:00 - Organ protection

Michael Fries (Limburg, Germany)

16:00 - 16:15 - Discussion

16:15 - 16:30 - Renal failure

Michael Joannidis (Innsbruck , Austria)

16:30 - 16:45 - Prognostication after cardiac arrest: A practical guide

Fabio S Taccone (Brussels , Belgium)

16:45 - 17:00 - Survival depends on the day of week/time of day

Kathy Rowan (London , United Kingdom)

17:00 - 17:15 - Discussion

Clinical Decision Support to optimize ECLS/ ECMO - Interactive computer simulation [Workshop]

17:20 - 18:00 - Clinical Decision Support to optimize ECLS/ ECMO - Interactive computer simulation

Dirk Donker (Utrecht, Netherlands)

Tuesday 15 March 2016 - AM

ROOM : 400 Hall

Nutritional support [Standard presentation]

Moderator : Jean-Charles Preiser (Brussels , Belgium)

Moderator : James Krinsley (Stamford , United States)

11:00 - 11:15 - What is autophagy

Olav Rooyackers (Huddinge , Sweden)

11:15 - 11:30 - Fat: Friend or foe?

Mervyn Singer (London , United Kingdom)

11:30 - 11:45 - Protein

Jan Wernerman (Stockholm , Sweden)

11:45 - 12:00 - Protein needs of critically ill patients

Peter Weijs (Amsterdam, Netherlands)

12:00 - 12:15 - Discussion

Tuesday 15 March 2016 - PM

ROOM : 400 Hall

Hemodynamic basics [Standard presentation]

Moderator : Jacques Duranteau (Le Kremlin-Bicêtre , France)

Moderator : Daniel Reuter (Hamburg , Germany)

13:45 - 14:00 - Personalized physiological medicine

Can Ince (Amsterdam , Netherlands)

14:00 - 14:15 - Heart rate and ventriculo-arterial coupling:

Fabio Guarracino (Pisa , Italy)

14:15 - 14:30 - The importance of the central venous pressure

Jukka Takala (Bern , Switzerland)

14:30 - 14:45 - Discussion

14:45 - 15:00 - Meaning and value of mean systemic filling pressure in critically ill patients

Antoine Vieillard-Baron (Boulogne-Billancourt , France)

15:00 - 15:15 - How to interpret veno-arterial PCO₂

Jean-Louis Teboul (Le Kremlin-Bicêtre , France)

15:15 - 15:30 - End-tidal CO₂ to monitor the circulation

Xavier Monnet (Le Kremlin-Bicêtre , France)

15:30 - 15:45 - Discussion

15:45 - 16:00 - Break

Cardiac monitoring [Standard presentation]

Moderator : Paul H Mayo (New Hyde Park , United States)

Moderator : Fabio Guarracino (Pisa , Italy)

16:00 - 16:15 - Why?

Azriel Perel (Tel Aviv , Israel)

16:15 - 16:30 - How?

Matthieu Biais (Bordeaux, France)

16:30 - 16:45 - In whom?

Xavier Monnet (Le Kremlin-Bicêtre , France)

16:45 - 17:00 - Discussion

17:00 - 17:15 - We can assess myocardial perfusion at the bedside

Anthony McLean (Sydney , Australia)

17:15 - 17:30 - ScvO₂ and VACO₂

Zsolt Molnar (Szeged , Hungary)

17:30 - 17:45 - How to evaluate cardiac function in sepsis

Samuel Brown (Murray, United States)

17:45 - 18:00 - Discussion

Tuesday 15 March 2016 - AM

ROOM : Lippens Room National Library

The patient with cancer [Standard presentation]

Moderator : Kathy Rowan (London , United Kingdom)

Moderator : Brian Kavanagh (Toronto , Canada)

11:00 - 11:15 - Different forms of sepsis

Craig M Coopersmith (Atlanta, United States)

11:15 - 11:30 - Different forms of ARDS

Elie Azoulay (Paris , France)

11:30 - 11:45 - Outcomes of patients with hematologic cancer

Sangeeta Mehta (Toronto , Canada)

11:45 - 12:00 - Starting anti-cancer therapy in the ICU

Dominique Benoit (Ghent , Belgium)

12:00 - 12:15 - Discussion

Tuesday 15 March 2016 - PM

ROOM : Lippens Room National Library

My favorite cell in sepsis [Standard presentation]

Moderator : John C Marshall (Toronto , Canada)

Moderator : Peter Pickkers (Nijmegen , Netherlands)

13:45 - 14:00 - Immune dysfunction - an introduction

David Grimaldi (Le Chesnay, France)

14:00 - 14:15 - Oxidative stress and inflammation are desirable

Christian Stoppe (Aachen, Germany)

14:15 - 14:30 - Sepsis-induced immunosuppression

Thomas Rimmelé (Lyon, France)

14:30 - 14:40 - Discussion

14:40 - 14:55 - Myeloid-derived suppressor cells

Jean-Daniel Chiche (Paris , France)

14:55 - 15:10 - Polymorphonuclear leukocytes

Didier Payen (Paris , France)

15:10 - 15:25 - Lymphocytes

Manu Shankar-Hari (London , United Kingdom)

15:25 - 15:35 - Discussion

15:35 - 15:50 - Platelets

Tom van der Poll (Amsterdam , Netherlands)

15:50 - 16:05 - Endothelial cells

Axel Nierhaus (Hamburg , Germany)

16:05 - 16:20 - How can we put everything together?

Tom van der Poll (Amsterdam , Netherlands)

16:20 - 16:30 - Discussion

Palliative care [Tutorial]

16:30 - 17:00 - Palliative care

Scott D Halpern (Philadelphia, United States)

The future of critical care [Plenary lecture]

17:05 - 17:30 - The future of critical care

Craig M Coopersmith (Atlanta, United States)

Brain imaging [Tutorial]

17:30 - 18:00 - Brain imaging

Ramona O Hopkins (Murray , United States)

Tuesday 15 March 2016 - AM

ROOM : Studio (Bozar)

Neurological challenges [Standard presentation]

Moderator : Nicola Latronico (Brescia , Italy)

Moderator : Fabio S Taccone (Brussels , Belgium)

11:00 - 11:15 - Seizures without seizures

Nicolas Gaspard (Brussels, Belgium)

11:15 - 11:30 - Super-refractory status epilepticus

Stephan A Mayer (New York , United States)

11:30 - 11:45 - Optimal blood pressure

Mauro Oddo (Lausanne , Switzerland)

11:45 - 12:00 - DVT prophylaxis

Jacques Duranteau (Le Kremlin-Bicêtre , France)

12:00 - 12:15 - Encephalopathies in sepsis

Jean-François Timsit (Paris, France)

12:15 - 12:30 - Discussion

Tuesday 15 March 2016 - PM

ROOM : Studio (Bozar)

Glucose control [Standard presentation]

Moderator : Stephen Pastores (New York , United States)

Moderator : Greet Van den Berghe (Leuven , Belgium)

13:45 - 14:00 - Diabetic ketoacidosis: Novel insights

Balasubramanian Venkatesh (Brisbane , Australia)

14:00 - 14:15 - Metabolic effects of glucose control

Olav Rooyackers (Huddinge , Sweden)

14:15 - 14:30 - Time in range is what counts

James Krinsley (Stamford , United States)

14:30 - 14:45 - Discussion

14:45 - 15:00 - The impact of unknown diabetes in the ICU

Craig M Coopersmith (Atlanta, United States)

15:00 - 15:15 - Liberal glucose targets in diabetic patients

Johan Martensson (Melbourne, Australia)

15:15 - 15:30 - Status of continuous glucose monitoring

Jean-Charles Preiser (Brussels , Belgium)

15:30 - 15:45 - Discussion

15:45 - 15:55 - Break

Controversies in CPR [Plenary lecture]

15:55 - 16:20 - Controversies in CPR

Jerry Nolan (Bath , United Kingdom)

Capnography (TU) [Tutorial]

16:25 - 16:55 - Capnography

Christopher Hunter (Orlando, United States)

Multimodal Neuromonitoring: How I do it [Workshop]

Moderator : Fabio S Taccone (Brussels , Belgium)

17:00 - 18:00 - Multimodal Neuromonitoring: How I do it

Stephan A Mayer (New York , United States), Raimund Helbok (Innsbruck , Austria), Peter Le Roux (Wynnewood, United States), Giuseppe Citerio (Monza , Italy), Mauro Oddo (Lausanne , Switzerland)

Tuesday 15 March 2016 - AM

ROOM : Arc Room

International perspectives [Standard presentation]

Moderator : Derek C Angus (Pittsburgh , United States)

Moderator : Yaseen Arabi (Riyadh , Saudi Arabia)

11:00 - 11:15 - What is an ICU? Towards a global definition

John C Marshall (Toronto , Canada)

11:15 - 11:30 - Ventilatory support in an austere environment

Marcus Schultz (Amsterdam , Netherlands)

11:30 - 11:45 - Critical care in over-resourced settings

Hannah Wunsch (Toronto, Canada)

11:45 - 12:00 - Critical care without borders

Charles Gomersall (Shatin , Hong Kong)

12:00 - 12:15 - Discussion

Tuesday 15 March 2016 - PM

ROOM : Arc Room

Rapid response systems [Standard presentation]

Moderator : Michael Reade (Brisbane, Australia)

Moderator : Charles Gomersall (Shatin , Hong Kong)

13:30 - 13:45 - Which patients benefit the most?

Daryl Jones (Heidelberg, Australia)

13:45 - 14:00 - Predicting cardiorespiratory instability

Michael Pinsky (La Jolla , United States)

14:00 - 14:15 - qSOFA as an alarm signal

Derek C Angus (Pittsburgh , United States)

14:15 - 14:30 - Discussion

14:30 - 14:45 - Altered renal function: Role of an e-alert?

Eric Hoste (Ghent , Belgium)

14:45 - 15:00 - Nurse´s concern is the best signal

Arthur van Zanten (Ede , Netherlands)

15:00 - 15:15 - The impact of delayed response

Rinaldo Bellomo (Melbourne, Australia)

15:15 - 15:30 - Integration of palliative care

Judith E Nelson (New York , United States)

15:30 - 15:45 - Discussion

Corticosteroids for severe CAP [Pro-con debate]

Moderator : Konrad Reinhart (Jena , Germany)

15:45 - 16:15 - Corticosteroids for severe CAP

PRO Antoni Torres (Barcelona , Spain)

CON Jean-Daniel Chiche (Paris , France)

ECMO [Tutorial]

16:20 - 16:50 - ECMO

Michael Quintel (Göttingen , Germany)

Antimicrobial stewardship: What really counts [Meet the experts]

16:55 - 17:25 - Antimicrobial stewardship: What really counts

Jean Chastre (Paris , France), Tobias Welte (Hannover , Germany)

Early fluid resuscitation in septic shock: Let us be generous [Pro-con debate]

Moderator : Markus Rehm (Munich , Germany)

17:30 - 18:00 - Early fluid resuscitation in septic shock: Let us be generous

PRO Nathan Shapiro (Boston , United States)

CON Rinaldo Bellomo (Melbourne, Australia)

Wednesday 16 March 2016 - AM

ROOM : HLB Room

Wednesday 16 March 2016 - AM

ROOM : Gold Hall

How much fluid? [Standard presentation]

Moderator : Andrew Shaw (Nashville, United States)

Moderator : Xavier Monnet (Le Kremlin-Bicêtre , France)

8:00 - 8:15 - Where does all that fluid go?

Luciano Gattinoni (Milan , Italy)

8:15 - 8:30 - Give a bolus: How long does the effect persist?

Jan Bakker (Rotterdam , Netherlands)

8:30 - 8:45 - Changes in fluid management over time

Manoj Saxena (Sydney, Australia)

8:45 - 8:55 - Discussion

8:55 - 9:10 - Does your patient really need central venous access?

Paul H Mayo (New Hyde Park , United States)

9:10 - 9:25 - My patient is oliguric, should I still push fluids?

Ravindra Mehta (San Diego , United States)

9:25 - 9:40 - Results from DoReMiFa (Fluid assessment) study

Claudio Ronco (Vicenza , Italy)

9:40 - 9:50 - Discussion

9:50 - 10:10 - Break

VILI: 40 years on [Standard presentation]

Moderator : Alain Mercat (Angers , France)

Moderator : Axel Nierhaus (Hamburg , Germany)

10:10 - 10:25 - Molecular mechanisms

Brian Kavanagh (Toronto , Canada)

10:25 - 10:40 - The basic principles

Marco Ranieri (Rome, Italy)

10:40 - 10:55 - Permissive atelectasis can be protective

Paolo Pelosi (Genoa , Italy)

10:55 - 11:05 - Discussion

11:05 - 11:20 - Driving pressure: What is it and why should we care about it?

Roy Brower (Baltimore , United States)

11:20 - 11:35 - My view on driving pressure

John J Marini (St Paul , United States)

11:35 - 11:50 - Brain injury and ARDS: The clash between protecting the lungs and protecting the brain

Salvatore Maurizio Maggiore (Chieti, Italy)

11:50 - 12:05 - Zero tidal volume is what we need

Arthur S Slutsky (Toronto , Canada)

12:05 - 12:15 - Discussion

Wednesday 16 March 2016 - PM

ROOM : Gold Hall

Vasoactive drugs in septic shock [Standard presentation]

Moderator : Peter Radermacher (Ulm , Germany)

Moderator : Nathan Shapiro (Boston , United States)

13:45 - 14:00 - Norepinephrine administration: When to start

Jean-Louis Teboul (Le Kremlin-Bicêtre , France)

14:00 - 14:15 - How high should we go?

Claude Martin (Marseille , France)

14:15 - 14:30 - Alternatives to catecholamines

Anthony Gordon (London , United Kingdom)

14:30 - 14:45 - Vasopressin analogs

James A Russell (Vancouver , Canada)

14:45 - 15:00 - Discussion

15:00 - 15:15 - Angiotensin II

Lakhmir S Chawla (San Diego, United States)

15:15 - 15:30 - Vasodilators

Jan Bakker (Rotterdam , Netherlands)

15:30 - 15:45 - Nitric oxide?

Daniel De Backer (Brussels, Belgium)

15:45 - 16:00 - Beta-blockade in sepsis... yins and yangs

Mervyn Singer (London , United Kingdom)

16:00 - 16:15 - Discussion

Emergency organisation in mass casualty [Tutorial]

16:20 - 16:55 - Emergency organisation in mass casualty

Nathan Shapiro (Boston , United States)

CPAP, BIPAP, High flow nasal oxygen, NIV...: How to choose? [Round table]

Moderator : Massimo Antonelli (Rome , Italy)

17:00 - 18:00 - CPAP, BIPAP, High flow nasal oxygen, NIV...: How to choose?

Laurent Brochard (Toronto, Canada), Samir Jaber (Montpellier , France), Elie Azoulay (Paris , France), Gonzalo Hernandez (Toledo, Spain), Rainer Dziewas (Münster, Germany)

Wednesday 16 March 2016 - AM

ROOM : Copper Hall

Sedation & analgesia [Standard presentation]

Moderator : Giuseppe Citerio (Monza , Italy)

Moderator : Johan Martensson (Melbourne, Australia)

8:00 - 8:15 - Pain assessment in the ICU

Kathleen Puntillo (San Francisco , United States)

8:15 - 8:30 - Non-steroidal anti-inflammatory drugs: To avoid or to promote?

Patrice Forget (Brussels , Belgium)

8:30 - 8:45 - Ketamine in acute brain injury: New indication for an old drug?

Geert Meyfroidt (Leuven , Belgium)

8:45 - 8:55 - Discussion

8:55 - 9:10 - Still a place for clonidine?

Patrice Forget (Brussels , Belgium)

9:10 - 9:25 - Managing the patient with alcohol abuse

Marjolein de Wit (Richmond, United States)

9:25 - 9:40 - More sedation during the night?

Sangeeta Mehta (Toronto , Canada)

9:40 - 9:55 - Adapted mechanical ventilation can promoter sleep

Karen Bosma (London, Canada)

9:55 - 10:05 - Discussion

10:05 - 10:20 - Managing comfort in the pediatric patient

Martha A.Q. Curley (Philadelphia, United States)

10:20 - 10:35 - Sedation to improve patient-ventilator interactions?

Roberta Costa (Rome, Italy)

10:35 - 10:50 - Implementation strategies

Georg-Christian Funk (Vienna , Austria)

10:50 - 11:05 - Improving ICU management altogether

E Wesley Ely (Nashville , United States)

11:05 - 11:20 - Discussion

11:20 - 11:35 - Break

How I optimize enteral feeding [Meet the experts]

11:35 - 12:15 - How I optimize enteral feeding

Arthur van Zanten (Ede , Netherlands), Kenneth Christopher (Boston, United States)

Wednesday 16 March 2016 - PM

ROOM : Copper Hall

A closer look at albumin [Standard presentation]

Moderator : Michael Joannidis (Innsbruck , Austria)

Moderator : Sangeeta Mehta (Toronto , Canada)

13:45 - 14:00 - Biological properties

James A Russell (Vancouver , Canada)

14:00 - 14:15 - Synthesis, turnover, extravasation,... : Where does it end up?

Jan Wernerman (Stockholm , Sweden)

14:15 - 14:30 - Do colloids really stay longer in the vessels?

Markus Rehm (Munich , Germany)

14:30 - 14:45 - Albumin or albumins? There are several kinds

Jean-Paul Mira (Paris , France)

14:45 - 14:55 - Discussion

14:55 - 15:10 - Hepatologists love it

Paolo Angeli (Padova , Italy)

15:10 - 15:25 - Should intensivists love it?

Simon Finfer (Sydney , Australia)

15:25 - 15:40 - Its role in small volume resuscitation

Johan Martensson (Melbourne, Australia)

15:40 - 15:55 - Discussion

Acute brain injury: New aspects [Plenary lecture]

15:55 - 16:20 - Acute brain injury: New aspects

David Menon (Cambridge , United Kingdom)

Is the glutamine story over? [Pro-con debate]

Moderator : Manu Shankar-Hari (London , United Kingdom)

16:25 - 16:55 - Is the glutamine story over?

PRO Arthur van Zanten (Ede , Netherlands)

CON Jan Wernerman (Stockholm , Sweden)

TTM after CPR : The unanswered questions [Round table]

Moderator : Stephan A Mayer (New York , United States)

17:00 - 18:00 - TTM after CPR : the unanswered questions

Fabio S Taccone (Brussels , Belgium), Kjetil Sunde (Oslo , Norway), Jerry Nolan (Bath , United Kingdom), Johannes Van Der Hoeven (Nijmegen , Netherlands), Michael Fries (Limburg, Germany)

Wednesday 16 March 2016 - AM

ROOM : Salle M (Bozar)

Biomarkers in sepsis [Standard presentation]

Moderator : Claude Martin (Marseille , France)

Moderator : Jean-Paul Mira (Paris , France)

8:00 - 8:15 - Heparin binding protein

Jean-Louis Vincent (Brussels , Belgium)

8:15 - 8:30 - Sepsis biomarkers : an overview

Pierre Emmanuel Charles (Dijon , France)

8:30 - 8:45 - Why we should assess the inflammatory status

Didier Payen (Paris , France)

8:45 - 9:00 - Nucleated RBCs in critical illness outcomes

Kenneth Christopher (Boston, United States)

9:00 - 9:15 - Discussion

9:15 - 9:30 - We should look at the time course

Nathan Shapiro (Boston , United States)

9:30 - 9:45 - How integrative genomics can help to develop robust biomarkers

Claudia Dos Santos (Toronto , Canada)

9:45 - 10:00 - Risk stratification models

Hector R Wong (Cincinnati , United States)

10:00 - 10:15 - Sepsis, life and death: Same signature, bigger script

Mervyn Singer (London , United Kingdom)

10:15 - 10:30 - Discussion

10:30 - 10:45 - Omics approach to biomarker identification

Jean-Daniel Chiche (Paris , France)

10:45 - 11:00 - Improved phenotyping

Anthony Gordon (London , United Kingdom)

11:00 - 11:15 - PCR-based microbiological diagnostics will help

Mathias Pletz (Jena, Germany)

11:15 - 11:30 - No sepsis marker will ever be entirely specific

Thierry Calandra (Lausanne , Switzerland)

11:30 - 11:45 - Discussion

When and how I use the PA catheter [Meet the experts]

11:45 - 12:15 - When and how I use the PA catheter

Antonio Pesenti (Milan , Italy), Jukka Takala (Bern , Switzerland)

Wednesday 16 March 2016 - PM

ROOM : Salle M (Bozar)

When is it safe to start oral feeding [Tutorial]

13:45 - 14:15 - When is it safe to start oral feeding

Rainer Dziewas (Münster, Germany)

Proportional assist ventilation (Tu) [Tutorial]

14:20 - 14:50 - Proportional assist ventilation

Karen Bosma (London, Canada)

Respiratory muscle activity during mechanical ventilation [Standard presentation]

Moderator : Paolo Pelosi (Genoa , Italy)

Moderator : Tobias Welte (Hannover , Germany)

14:55 - 15:10 - Respiratory muscle underuse

Laurent Brochard (Toronto, Canada)

15:10 - 15:25 - Diaphragmatic function

Samir Jaber (Montpellier , France)

15:25 - 15:40 - The dark side: Unsuspected mechanisms of lung injury

Marcelo Amato (Sao Paulo , Brazil)

15:40 - 15:50 - Discussion

15:50 - 16:05 - Are transpulmonary pressures different during assisted and controlled ventilation?

Giacomo Bellani (Monza , Italy)

16:05 - 16:20 - Effects of mechanical ventilation on diaphragm dysfunction

Niall Ferguson (Toronto , Canada)

16:20 - 16:35 - Adjusting the respirator in the child

Roberta Costa (Rome, Italy)

16:35 - 16:45 - Discussion

16:45 - 17:00 - Improving patient-ventilation interaction

Marjolein de Wit (Richmond, United States)

17:00 - 17:15 - Proportional assist ventilation can help

Karen Bosma (London, Canada)

17:15 - 17:30 - Does asynchrony affect outcome?

Robert M Kacmarek (Boston , United States)

17:30 - 17:45 - Does ventilator dysynchrony matter in ARDS?

Daniel Talmor (Boston , United States)

17:45 - 18:00 - Discussion

Wednesday 16 March 2016 - AM

ROOM : Tent

Airways [Standard presentation]

Moderator : Daniel Talmor (Boston , United States)

Moderator : Massimo Antonelli (Rome , Italy)

8:00 - 8:15 - Team approach to urgent endotracheal intubation.

Paul H Mayo (New Hyde Park , United States)

8:15 - 8:30 - Difficult intubation in the ICU

Samir Jaber (Montpellier , France)

8:30 - 8:45 - Tracheostomy: The various options

Paolo Pelosi (Genoa , Italy)

8:45 - 9:00 - Tracheostomy: When and how to decanulate

Gonzalo Hernandez (Toledo, Spain)

9:00 - 9:10 - Discussion

9:10 - 9:25 - Tracheostomy long-term follow-up

Marco Ranieri (Rome, Italy)

9:25 - 9:40 - Dysphagia on the ICU - underestimated but frequent

Rainer Dzewas (Münster, Germany)

9:40 - 9:55 - How to manage neurogenic dysphagia

Shaheen Hamdy (Salford, United Kingdom)

9:55 - 10:05 - Discussion

Non-invasive ventilation [Standard presentation]

Moderator : Robert M Kacmarek (Boston , United States)

Moderator : Davide Chiumello (Milan , Italy)

10:05 - 10:20 - ...after surgery

Samir Jaber (Montpellier , France)

10:20 - 10:35 - ...in immunocompromised patients

Elie Azoulay (Paris , France)

10:35 - 10:50 - ...in patients electing not to be intubated

J Randall Curtis (Seattle , United States)

10:50 - 11:05 - Still a place in ARDS?

Arnaud Thille (Poitiers, France)

11:05 - 11:15 - Discussion

11:15 - 11:30 - Optimization of patient- ventilator interactions

Roberta Costa (Rome, Italy)

11:30 - 11:45 - There are portable systems

Neil R MacIntyre (Durham , United States)

11:45 - 12:00 - Optimization of aerosol bronchodilator delivery

Paolo Pelosi (Genoa , Italy)

12:00 - 12:15 - A place for negative pressure ventilation?

Brian Kavanagh (Toronto , Canada)

12:15 - 12:30 - Discussion

Wednesday 16 March 2016 - PM

ROOM : Tent

Nasal high-flow oxygen therapy [Standard presentation]

Moderator : Arnaud Thille (Poitiers, France)

Moderator : Laurie Morrison (Toronto , Canada)

13:45 - 14:00 - What is it all about?

Laurent Brochard (Toronto, Canada)

14:00 - 14:15 - ...in acute respiratory failure

Alain Mercat (Angers , France)

14:15 - 14:30 - ...after extubation

Gonzalo Hernandez (Toledo, Spain)

14:30 - 14:45 - ...after cardiothoracic surgery

F Stephan (Le Plessis Robinson, France)

14:45 - 15:00 - Discussion

15:00 - 15:10 - Break

Fluid responsiveness [Standard presentation]

Moderator : Stephen Pastores (New York , United States)

Moderator : Azriel Perel (Tel Aviv , Israel)

15:10 - 15:25 - How many shades of grey?

Frédéric Michard (Lausanne, Switzerland)

15:25 - 15:40 - A review of the techniques

Jean-Louis Teboul (Le Kremlin-Bicêtre , France)

15:40 - 15:55 - Parameters of fluid-responsiveness: Do they really predict?

Antoine Vieillard-Baron (Boulogne-Billancourt , France)

15:55 - 16:10 - New advances in the assessment of preload responsiveness

Xavier Monnet (Le Kremlin-Bicêtre , France)

16:10 - 16:25 - Discussion

16:25 - 16:40 - Passive leg raising: The impact of both elements - thorax down and legs up

Jan Bakker (Rotterdam , Netherlands)

16:40 - 16:55 - SVV and PPV in the OR vs in the ICU

Matthieu Biais (Bordeaux, France)

16:55 - 17:10 - The 'gray zone` for decision making

Maxime Cannesson (Los Angeles, United States)

17:10 - 17:20 - Discussion

17:20 - 17:35 - Limitations of these techniques

Michel Slama (Amiens , France)

17:35 - 17:50 - We should measure volume deficit not responsiveness

Andrew Shaw (Nashville, United States)

17:50 - 18:00 - Discussion

Wednesday 16 March 2016 - AM

ROOM : Silver Hall

Intellectual function after ICU [Standard presentation]

Moderator : Olav Rooyackers (Huddinge , Sweden)

Moderator : Pierre Damas (Liège , Belgium)

8:00 - 8:15 - What do patients recall?

Sangeeta Mehta (Toronto , Canada)

8:15 - 8:30 - Long-term neurocognitive sequelae in children

Greet Van den Berghe (Leuven , Belgium)

8:30 - 8:45 - Cognitive and psychological outcomes

Ramona O Hopkins (Murray , United States)

8:45 - 9:00 - Discussion

9:00 - 9:15 - Mood disorders

Margaret Herridge (Toronto , Canada)

9:15 - 9:30 - Dementia

Hannah Wunsch (Toronto, Canada)

9:30 - 9:45 - Discussion

9:45 - 10:00 - Break

ICU-acquired weakness [Standard presentation]

Moderator : Gunnar Elke (Kiel, Germany)

Moderator : Raimund Helbok (Innsbruck , Austria)

10:00 - 10:15 - Neuromuscular complications

Nicola Latronico (Brescia , Italy)

10:15 - 10:30 - Muscle injury and repair: The mechanisms

Claudia Dos Santos (Toronto , Canada)

10:30 - 10:45 - Septic myopathy: Are all muscles affected equally?

Mervyn Singer (London , United Kingdom)

10:45 - 11:00 - Nutritional strategies to reduce muscle wasting

Danielle Bear (London, United Kingdom)

11:00 - 11:15 - Discussion

11:15 - 11:30 - Weaning patients with neuromyopathy

Samir Jaber (Montpellier , France)

11:30 - 11:45 - Is there a place for anabolic agents?

Paul Wischmeyer (Aurora , United States)

11:45 - 12:00 - Rehabilitation: How hard and when?

Jesse Hall (Chicago , United States)

12:00 - 12:15 - Discussion

Wednesday 16 March 2016 - PM

ROOM : Silver Hall

Removing evil humors [Standard presentation]

Moderator : Zsolt Molnar (Szeged , Hungary)

Moderator : Jukka Takala (Bern , Switzerland)

13:45 - 14:00 - A review of the various techniques

Thomas Rimmelé (Lyon, France)

14:00 - 14:15 - Which mediators to remove

Axel Nierhaus (Hamburg , Germany)

14:15 - 14:30 - ...in sepsis

John Kellum (Pittsburgh , United States)

14:30 - 14:40 - Discussion

14:40 - 14:55 - ...in liver failure

Julia Wendon (London , United Kingdom)

14:55 - 15:10 - It is not just evil humors

Detlef Kindgen-Milles (Düsseldorf , Germany)

15:10 - 15:25 - Endotoxin removal systems

Claudio Ronco (Vicenza , Italy)

15:25 - 15:35 - Discussion

Does ECMO save lives? [Standard presentation]

Moderator : Dirk Donker (Utrecht, Netherlands)

Moderator : Takashi Tagami (Tokyo, Japan)

15:35 - 15:50 - ...in cardiogenic shock

Harlinde Peperstraete (Gent, Belgium)

15:50 - 16:05 - ...in severe pulmonary hypertension

Daniel Brodie (New York, United States)

16:05 - 16:20 - ...as a bridge to lung transplantation

Davide Chiumello (Milan , Italy)

16:20 - 16:35 - I am a believer

Alain Combes (Paris , France)

16:35 - 16:50 - I am a skeptic

Roy Brower (Baltimore , United States)

16:50 - 17:05 - Discussion

How we will treat sepsis in 10 years [Plenary lecture]

17:05 - 17:30 - How we will treat sepsis in 10 years

Steven Opal (Providence , United States)

How I treat septic shock [Meet the experts]

17:30 - 18:00 - How I treat septic shock

Claude Martin (Marseille , France), Mervyn Singer (London , United Kingdom)

Wednesday 16 March 2016 - AM

ROOM : 100 Hall

Automated mechanical ventilation [Standard presentation]

Moderator : Marcelo Amato (Sao Paulo , Brazil)

Moderator : Alain Combes (Paris , France)

8:00 - 8:15 - Clinical relevance

Richard Branson (Cincinnati , United States)

8:15 - 8:30 - Shorter weaning?

Charles Gomersall (Shatin , Hong Kong)

8:30 - 8:45 - Also in ARDS?

Marco Maggiorini (Zurich , Switzerland)

8:45 - 9:00 - We did a meta-analysis on all this

Marcus Schultz (Amsterdam , Netherlands)

9:00 - 9:15 - Discussion

9:15 - 9:30 - Break

For a better ICU team [Standard presentation]

Moderator : B. Taylor Thompson (Boston , United States)

Moderator : Marco Maggiorini (Zurich , Switzerland)

9:30 - 9:45 - Training a rapid response team

Daryl Jones (Heidelberg, Australia)

9:45 - 10:00 - How to run successful rounds

Craig M Coopersmith (Atlanta, United States)

10:00 - 10:15 - The ICU nurse from a physician's perspective

Judith E Nelson (New York , United States)

10:15 - 10:30 - Discussion

10:30 - 10:45 - Caregivers after critical illness: The forgotten family

Margaret Herridge (Toronto , Canada)

10:45 - 11:00 - How to prevent moral distress and burnout syndrome

Sean Bagshaw (Edmonton , Canada)

11:00 - 11:15 - Communication skills training

J Randall Curtis (Seattle , United States)

11:15 - 11:30 - Leading change in the ICU

Niall Ferguson (Toronto , Canada)

11:30 - 11:45 - Discussion

Severe trauma [Tutorial]

11:45 - 12:15 - Severe trauma

Jacques Duranteau (Le Kremlin-Bicêtre , France)

Wednesday 16 March 2016 - PM

ROOM : 100 Hall

50 shades of ARDS [Standard presentation]

Moderator : John J Marini (St Paul , United States)

Moderator : Marco Ranieri (Rome, Italy)

13:45 - 14:00 - The baby lung in ARDS, still a valid concept?

Luciano Gattinoni (Milan , Italy)

14:00 - 14:15 - ...although children are less susceptible to lung injury

Brian Kavanagh (Toronto , Canada)

14:15 - 14:30 - Is ARDS different in children?

Davide Chiumello (Milan , Italy)

14:30 - 14:45 - Discussion

14:45 - 15:00 - Is Berlin the final word? G Rubenfeld

Gordon Rubenfeld (Toronto , Canada)

15:00 - 15:15 - Diagnosing ARDS with other variables

Marcus Schultz (Amsterdam , Netherlands)

15:15 - 15:30 - When to consider ECMO

Alain Combes (Paris , France)

15:30 - 15:45 - Discussion

NIV in acute hypoxemic respiratory failure [Pro-con debate]

Moderator : Jean-Christophe Richard (Metz-Tessy, France)

15:45 - 16:15 - NIV in acute hypoxemic respiratory failure

PRO Massimo Antonelli (Rome , Italy)

CON Salvatore Maurizio Maggiore (Chieti, Italy)

Using driving pressure in ventilation settings [Pro-con debate]

Moderator : Jeffrey M Drazen (Boston , United States)

16:20 - 16:50 - Using driving pressure in ventilation settings

PRO Arthur S Slutsky (Toronto , Canada)

CON Luciano Gattinoni (Milan , Italy)

Sedation [Tutorial]

16:55 - 17:25 - Sedation

Sangeeta Mehta (Toronto , Canada)

Central venous pressure (CVP) is useful for guiding fluid management [Pro-con debate]

Moderator : Didier Payen (Paris , France)

17:30 - 18:00 - Central venous pressure (CVP) is useful for guiding fluid management

CON Daniel De Backer (Brussels, Belgium)

PRO Roy Brower (Baltimore , United States)

Wednesday 16 March 2016 - AM

ROOM : 400 Hall

Pneumonia [Standard presentation]

Moderator : Jean Chastre (Paris , France)

Moderator : Giacomo Bellani (Monza , Italy)

8:00 - 8:15 - Pneumocystis pneumonia

Elie Azoulay (Paris , France)

8:15 - 8:30 - Severe CAP

Antoni Torres (Barcelona , Spain)

8:30 - 8:45 - Increasing ICU access can improve outcomes

Theodore J Iwashyna (Ann Arbor, United States)

8:45 - 9:00 - Discussion

9:00 - 9:15 - Influenza and pneumonia: Relation to mortality

Michael S Niederman (New York, United States)

9:15 - 9:30 - Not only Pneumococcus!

Thierry Calandra (Lausanne , Switzerland)

9:30 - 9:45 - Antibiotic penetration in the lung

David P Nicolau (Hartford , United States)

9:45 - 10:00 - Pneumonia and renal failure: A very bad combination

Lakhmir S Chawla (San Diego, United States)

10:00 - 10:15 - Discussion

10:15 - 10:30 - Break

Viral infections [Standard presentation]

Moderator : Balasubramanian Venkatesh (Brisbane , Australia)

Moderator : Christian Eckmann (Peine, Germany)

10:30 - 10:45 - New biomarkers for the diagnosis of viral pneumonitis

Benjamin Man Piu Tang (Penrith, Australia)

10:45 - 11:00 - Rapid, accurate diagnosis of RNA viral pathogens on microchips

Steven Opal (Providence , United States)

11:00 - 11:15 - Discussion

11:15 - 11:30 - When to treat viral reactivation in the ICU patient

Laurent Papazian (Marseille , France)

11:30 - 11:45 - Should we treat Herpes in respiratory samples from ICU patients?

Philippe Jorens (Edegem , Belgium)

11:45 - 12:00 - Middle East Respiratory Coronavirus (MERS-CoV) infection

Yaseen Arabi (Riyadh , Saudi Arabia)

12:00 - 12:15 - Discussion

Wednesday 16 March 2016 - PM

ROOM : 400 Hall

End-of-life issues [Standard presentation]

Moderator : Michael Quintel (Göttingen , Germany)

Moderator : Margaret Herridge (Toronto , Canada)

13:45 - 14:00 - Can the physician decide alone?

Gordon Rubinfeld (Toronto , Canada)

14:00 - 14:15 - The role of the ICU nurse

Kathleen Puntillo (San Francisco , United States)

14:15 - 14:30 - Predictions of outcome by ICU physicians and nurses

Scott D Halpern (Philadelphia, United States)

14:30 - 14:45 - We need a good ICU team climate

Dominique Benoit (Ghent , Belgium)

14:45 - 15:00 - Discussion

15:00 - 15:15 - Role of the relatives

Jacques Creteur (Brussels , Belgium)

15:15 - 15:30 - The role of the MET team in these discussions

Daryl Jones (Heidelberg, Australia)

15:30 - 15:45 - We need to educate our other colleagues.

Balasubramanian Venkatesh (Brisbane , Australia)

15:45 - 16:00 - We could understand patients' preferences better

Samuel Brown (Murray, United States)

16:00 - 16:15 - Discussion

16:15 - 16:30 - Advanced directives for limited ICU care

Kai Zacharowski (Frankfurt , Germany)

16:30 - 16:45 - When to give up in heart failure

Sonja Fruhwald (Graz , Austria)

16:45 - 17:00 - Who should provide palliative care?

Judith E Nelson (New York , United States)

17:00 - 17:15 - The challenge of integrating palliative and critical care

J Randall Curtis (Seattle , United States)

17:15 - 17:30 - Discussion

How I select ventilatory settings [Meet the experts]

17:30 - 18:00 - How I select ventilatory settings

Michael Quintel (Göttingen , Germany), Antonio Pesenti (Milan , Italy)

Wednesday 16 March 2016 - AM

ROOM : Lippens Room National Library

Hematological challenges [Standard presentation]

Moderator : John Fraser (Brisbane , Australia)

Moderator : Oliver Grottke (Aachen, Germany)

8:00 - 8:15 - Hemophagocytic syndrome

Paul Coppo (Paris, France)

8:15 - 8:30 - Catastrophic antiphospholipid syndrome (CAPS)

Beverley Hunt (London , United Kingdom)

8:30 - 8:45 - Thrombocytopenia in the ICU

F Stephan (Le Plessis Robinson, France)

8:45 - 9:00 - Discussion

9:00 - 9:15 - Thrombotic microangiopathies

Elie Azoulay (Paris , France)

9:15 - 9:30 - Thrombotic thrombocytopenic purpura

Paul Coppo (Paris, France)

9:30 - 9:45 - Heparin-induced thrombocytopenia

Jerrold H Levy (Durham, United States)

9:45 - 10:00 - Discussion

10:00 - 10:10 - Break

New techniques in echocardiography [Standard presentation]

Moderator : Dirk Donker (Utrecht, Netherlands)

Moderator : Amir Kazory (Gainesville, United States)

10:10 - 10:25 - The new options

Daniel De Backer (Brussels, Belgium)

10:25 - 10:40 - Contrast enhanced ultrasound

Anthony McLean (Sydney , Australia)

10:40 - 10:55 - Strain analysis

Michel Slama (Amiens , France)

10:55 - 11:05 - Discussion

11:05 - 11:20 - Does 3D echo help?

Gerard R Manecke (San Diego, United States)

11:20 - 11:35 - All I need is basic features

Antoine Vieillard-Baron (Boulogne-Billancourt , France)

11:35 - 11:50 - Discussion

ICU-acquired infections: How they contribute to late sepsis mortality [Plenary lecture]

11:50 - 12:15 - ICU-acquired infections: How they contribute to late sepsis mortality

Tom van der Poll (Amsterdam , Netherlands)

Wednesday 16 March 2016 - PM

ROOM : Lippens Room National Library

Improving clinical trials [Standard presentation]

Moderator : Michaël Casaer (Leuven , Belgium)

Moderator : Jesse Hall (Chicago , United States)

13:45 - 14:00 - How to conduct the best clinical trial

Simon Finfer (Sydney , Australia)

14:00 - 14:15 - We should stop ICU clinical research bashing

Jean-Daniel Chiche (Paris , France)

14:15 - 14:30 - Clinical trial enrichment strategies: Towards more signal with less noise

B. Taylor Thompson (Boston , United States)

14:30 - 14:45 - Are adaptive designs really better?

Derek C Angus (Pittsburgh , United States)

14:45 - 15:00 - Discussion

15:00 - 15:15 - We should improve risk stratification

Hector R Wong (Cincinnati , United States)

15:15 - 15:30 - The complexities of consent for acute care research

Manoj Saxena (Sydney, Australia)

15:30 - 15:45 - All ICU patients should be enrolled in a RCT

Niall Ferguson (Toronto , Canada)

15:45 - 16:00 - Discussion

16:00 - 16:15 - Patients should actively contribute to research

Tom Stelfox (Calgary, Canada)

16:15 - 16:30 - Patients should be considered as partners in recovery: Let us THRIVE

Theodore J Iwashyna (Ann Arbor, United States)

16:30 - 16:45 - Public should participate in research prioritization and design

Stephen Brett (London , United Kingdom)

16:45 - 17:00 - Complex clinical problems require interprofessional investigation

Martha A.Q. Curley (Philadelphia, United States)

17:00 - 17:15 - Discussion

17:15 - 17:30 - Break

Patient-ventilator asynchrony [Tutorial]

17:30 - 18:00 - Patient-ventilator asynchrony

Alain Mercat (Angers , France)

Wednesday 16 March 2016 - AM

ROOM : Studio (Bozar)

How we decide [Standard presentation]

Moderator : Dale Needham (Baltimore , United States)

Moderator : Sonja Fruhwald (Graz , Austria)

8:00 - 8:15 - Protocols and guidelines: Misaligned and misattributed

Brian Kavanagh (Toronto , Canada)

8:15 - 8:30 - Why don't all ICUs use selective digestive decontamination (SDD)?

Anthony Gordon (London , United Kingdom)

8:30 - 8:45 - Variability in decision making in hemodynamic management

Maxime Cannesson (Los Angeles, United States)

8:45 - 9:00 - How personal biases influence the decisions

Georg-Christian Funk (Vienna , Austria)

9:00 - 9:15 - Discussion

9:15 - 9:30 - The influence of human factors: Looking into the mirror

Stephen Brett (London , United Kingdom)

9:30 - 9:45 - The therapeutic conflict: When each of your decisions may cause harm

Azriel Perel (Tel Aviv , Israel)

9:45 - 10:00 - Changing strategies at the right time

Jesse Hall (Chicago , United States)

10:00 - 10:15 - How to implement changes

Tom Stelfox (Calgary, Canada)

10:15 - 10:25 - Discussion

Decompensated COPD: New insights [Standard presentation]

Moderator : Richard Branson (Cincinnati , United States)

Moderator : Samuel Brown (Murray, United States)

10:25 - 10:40 - Heart-lung interactions

Jesse Hall (Chicago , United States)

10:40 - 10:55 - Decompensation may be prevented

Neil R MacIntyre (Durham , United States)

10:55 - 11:10 - It is a cardiac problem

Alexandre Mebazaa (Paris , France)

11:10 - 11:20 - Discussion

11:20 - 11:35 - Ventilation with helium

Laurent Brochard (Toronto, Canada)

11:35 - 11:50 - Pharmacological management

Tobias Welte (Hannover , Germany)

11:50 - 12:05 - The future: ECCO2 removal and spontaneous breathing

Luciano Gattinoni (Milan , Italy)

12:05 - 12:15 - Discussion

Wednesday 16 March 2016 - PM

ROOM : Studio (Bozar)

Nutritional support [Standard presentation]

Moderator : James Krinsley (Stamford , United States)

Moderator : Kenneth Christopher (Boston, United States)

13:45 - 14:00 - Are fewer calories more in the acute phase of critical illness?

Gunnar Elke (Kiel, Germany)

14:00 - 14:15 - Protein turnover

Olav Rooyackers (Huddinge , Sweden)

14:15 - 14:30 - The concept of permissive underfeeding

Yaseen Arabi (Riyadh , Saudi Arabia)

14:30 - 14:45 - Discussion

14:45 - 15:00 - Calorie requirements in critical illness: Are we missing the target?

Paul Young (Wellington, New Zealand)

15:00 - 15:15 - We should use indirect calorimetry in some patients

Elisabeth De Waele (Brussels , Belgium)

15:15 - 15:30 - An algorithm to improve feeding

Peter Weijs (Amsterdam, Netherlands)

15:30 - 15:45 - Discussion

15:45 - 16:00 - Break

Delirium: Still a problem? [Standard presentation]

Moderator : Scott D Halpern (Philadelphia, United States)

Moderator : Nino Stocchetti (Milan , Italy)

16:00 - 16:15 - Managing distressing symptoms in ICU patients

Kathleen Puntillo (San Francisco , United States)

16:15 - 16:30 - Pharmacological and non-pharmacological management

Dale Needham (Baltimore , United States)

16:30 - 16:45 - Agitated delirium: Can dexmedetomidine help?

Michael Reade (Brisbane, Australia)

16:45 - 17:00 - Septic encephalopathy is different from delirium

Nicola Latronico (Brescia , Italy)

17:00 - 17:15 - Does delirium predispose to dementia?

E Wesley Ely (Nashville , United States)

17:15 - 17:30 - Discussion

Delirium [Tutorial]

17:30 - 18:00 - Delirium

E Wesley Ely (Nashville , United States)

Wednesday 16 March 2016 - AM

ROOM : Arc Room

For a better interpretation of clinical trials [Standard presentation]

Moderator : Rinaldo Bellomo (Melbourne, Australia)

Moderator : Jean-Louis Teboul (Le Kremlin-Bicêtre , France)

8:00 - 8:15 - Analyzing RCTs including heterogeneity of treatment effect

Theodore J Iwashyna (Ann Arbor, United States)

8:15 - 8:30 - Common errors in published research

Simon Finfer (Sydney , Australia)

8:30 - 8:45 - Why do good trials sometimes yield divergent results?

John C Marshall (Toronto , Canada)

8:45 - 9:00 - We need to evaluate fragility index

Paul Young (Wellington, New Zealand)

9:00 - 9:15 - Discussion

How big the trial? [Standard presentation]

Moderator : Simon Finfer (Sydney , Australia)

Moderator : Konrad Reinhart (Jena , Germany)

9:15 - 9:30 - Randomized trials: The illusion of big numbers

Luciano Gattinoni (Milan , Italy)

9:30 - 9:45 - Big data or big hype?

Gordon Rubinfeld (Toronto , Canada)

9:45 - 10:00 - Big Data's dangers: Increasingly confident wrong answers

Theodore J Iwashyna (Ann Arbor, United States)

10:00 - 10:10 - Discussion

10:10 - 10:25 - We could fuse RCTs with Big Data

Derek C Angus (Pittsburgh , United States)

10:25 - 10:40 - We need perpetual global trials

Paul Young (Wellington, New Zealand)

10:40 - 10:55 - Specific phenotypes can reduce the size of the trial

Hector R Wong (Cincinnati , United States)

10:55 - 11:05 - Discussion

Best outcomes in clinical trials: My 10 min recommendation [Workshop]

Moderator : Kjetil Sunde (Oslo , Norway)

Moderator : John Kellum (Pittsburgh , United States)

11:05 - 11:20 - What are the options?

James A Russell (Vancouver , Canada)

11:20 - 11:35 - We should improve outcome assessment

Michaël Casaer (Leuven , Belgium)

11:35 - 11:50 - We should focus more on non-mortal outcomes

Scott D Halpern (Philadelphia, United States)

11:50 - 12:05 - We should capture post-ICU disability
Margaret Herridge (Toronto , Canada)

12:05 - 12:15 - Discussion

Wednesday 16 March 2016 - PM

ROOM : Arc Room

Cardiac crises [Standard presentation]

Moderator : Michael Pinsky (La Jolla , United States)

Moderator : Daniel Reuter (Hamburg , Germany)

13:30 - 13:45 - Acute myocardial infarction in the absence of coronary obstruction

Anthony McLean (Sydney , Australia)

13:45 - 14:00 - How antiplatelet aggregation agents influence the immune response

Peter Pickkers (Nijmegen , Netherlands)

14:00 - 14:15 - Acute heart failure in the ICU

Fabio Guarracino (Pisa , Italy)

14:15 - 14:30 - Discussion

14:30 - 14:45 - Cardiogenic shock: Biomarker-guided management

Alexandre Mebazaa (Paris , France)

14:45 - 15:00 - Cardiorenal interactions in acute heart failure

Amir Kazory (Gainesville, United States)

15:00 - 15:15 - Still a place for the PA catheter?

Marco Maggiorini (Zurich , Switzerland)

15:15 - 15:30 - Discussion

15:30 - 15:45 - What place for levosimendan?

Sonja Fruhwald (Graz , Austria)

15:45 - 16:00 - What place for ECMO?

Matthieu Schmidt (Paris, France)

16:00 - 16:15 - And for ventricular assist devices and the artificial heart?

John Fraser (Brisbane , Australia)

16:15 - 16:30 - Discussion

16:30 - 16:45 - Break

Personalized glycemic control [Tutorial]

16:45 - 17:20 - Personalized glycemic control

James Krinsley (Stamford , United States)

Nutritional support (Tu) [Tutorial]

17:25 - 18:00 - Nutritional support

Jan Wernerman (Stockholm , Sweden)

Thursday 17 March 2016 - AM

ROOM : HLB Room

Thursday 17 March 2016 - AM

ROOM : Gold Hall

The best IV fluid [Standard presentation]

Moderator : Simon Finfer (Sydney , Australia)

Moderator : Djillali Annane (Garches , France)

8:00 - 8:15 - Our practices have changed

Simon Finfer (Sydney , Australia)

8:15 - 8:30 - Colloids are for volume expansion and crystalloids for hydration

Can Ince (Amsterdam , Netherlands)

8:30 - 8:45 - Safety profile of colloid solutions

Christian J Wiedermann (Bolzano , Italy)

8:45 - 9:00 - The risk-benefit profile of gelatin

Konrad Reinhart (Jena , Germany)

9:00 - 9:15 - Discussion

9:15 - 9:30 - Saline is still the best solution

Paul Young (Wellington, New Zealand)

9:30 - 9:45 - Saline is still a bad solution

Andrew Shaw (Nashville, United States)

9:45 - 10:00 - Saline, acidosis and renal function: Why the signal is not so clear

John Kellum (Pittsburgh , United States)

10:00 - 10:15 - Saline vs. Plasmalyte in major surgery

Rinaldo Bellomo (Melbourne, Australia)

10:15 - 10:30 - Discussion

10:30 - 10:40 - POSTER AWARDS

Jukka Takala (Bern , Switzerland)

10:40 - 10:55 - The best IV fluid in sepsis

Claude Martin (Marseille , France)

10:55 - 11:10 - The best IV fluid in cardiac surgery

Andrew Shaw (Nashville, United States)

11:10 - 11:25 - The best IV fluid in trauma

Jacques Duranteau (Le Kremlin-Bicêtre , France)

11:25 - 11:35 - Discussion

11:35 - 11:50 - A place for hypertonic solutions?

Fuhong Su (Brussels , Belgium)

11:50 - 12:05 - All IV fluids are good and bad

Zsolt Molnar (Szeged , Hungary)

12:05 - 12:15 - Discussion

Thursday 17 March 2016 - PM

ROOM : Gold Hall

New sepsis definitions: Is it real progress? [Standard presentation]

Moderator : Sean Bagshaw (Edmonton , Canada)

Moderator : Jan Bakker (Rotterdam , Netherlands)

13:45 - 14:00 - Has mortality really decreased so much?

Kirsi-Maija Kaukonen (Helsinki, Finland)

14:00 - 14:15 - ``New`` definitions: True progress or simply shuffling the cards?

Mervyn Singer (London , United Kingdom)

14:15 - 14:30 - How the perception of sepsis will be affected

Konrad Reinhart (Jena , Germany)

14:30 - 14:45 - Will we better know the sepsis epidemiology?

Kathy Rowan (London , United Kingdom)

14:45 - 15:00 - Discussion

15:00 - 15:15 - Septic shock: Offering clarity?

Manu Shankar-Hari (London , United Kingdom)

15:15 - 15:30 - The qSOFA to identify the septic patient

Derek C Angus (Pittsburgh , United States)

15:30 - 15:45 - Early identification with capnography

Christopher Hunter (Orlando, United States)

15:45 - 16:00 - Now the future....Do we have a roadmap?

Thierry Calandra (Lausanne , Switzerland)

16:00 - 16:15 - Discussion

Critical Care Medicine in the major journals [Standard presentation]

Moderator : Jean-Louis Vincent (Brussels , Belgium)

16:15 - 16:30 - The rise of evidence

Jeffrey M Drazen (Boston , United States)

16:30 - 16:45 - Value in healthcare

Howard Bauchner (Chicago, United States)

16:45 - 17:05 - Discussion

Mobilization in the ICU: How I do it (RT) [Round table]

Moderator : Stephan A Mayer (New York , United States)

17:05 - 18:00 - Mobilization in the ICU: How I do it

Rinaldo Bellomo (Melbourne, Australia), Daniel Brodie (New York, United States), Jesse Hall (Chicago , United States), Nicola Latronico (Brescia , Italy), Georg-Christian Funk (Vienna , Austria)

Thursday 17 March 2016 - AM

ROOM : Copper Hall

Towards ideal ICU organization [Standard presentation]

Moderator : Derek C Angus (Pittsburgh , United States)

Moderator : J Randall Curtis (Seattle , United States)

8:00 - 8:15 - Principles of triage of admissions

Charles Gomersall (Shatin , Hong Kong)

8:15 - 8:30 - Improving the ICU environment

Martha A.Q. Curley (Philadelphia, United States)

8:30 - 8:45 - Optimal alarms

Jean-Daniel Chiche (Paris , France)

8:45 - 9:00 - Discussion

9:00 - 9:15 - Evaluating the risk state in the ICU

Daniel Talmor (Boston , United States)

9:15 - 9:30 - Re-engineering the ICU to improve the benefit/risk ratio

Samuel Brown (Murray, United States)

9:30 - 9:45 - The pros and cons of intermediate care

Hannah Wunsch (Toronto, Canada)

9:45 - 10:00 - Discussion

10:00 - 10:15 - ICU capacity: Strain and impact on health care providers

Sean Bagshaw (Edmonton , Canada)

10:15 - 10:30 - Integrating nurse practitioners and physician assistants into the ICU team

Craig M Coopersmith (Atlanta, United States)

10:30 - 10:45 - Do we need advanced practice providers everywhere?

Stephen Pastores (New York , United States)

10:45 - 11:00 - Discussion

Point-of-care ultrasound [Tutorial]

11:00 - 11:35 - Point-of-care ultrasound

Maxime Cannesson (Los Angeles, United States)

Guidelines for HAP/VAP: Europe vs America [Plenary lecture]

11:40 - 12:15 - Guidelines for HAP/VAP: Europe vs America

Antoni Torres (Barcelona , Spain)

Thursday 17 March 2016 - PM

ROOM : Copper Hall

Traumatic brain injury [Standard presentation]

Moderator : Nino Stocchetti (Milan , Italy)

Moderator : Claude Martin (Marseille , France)

13:45 - 14:00 - The changing epidemiology

Andrew I Maas (Edegem , Belgium)

14:00 - 14:15 - Neurosurgical strategies

Peter Le Roux (Wynnewood, United States)

14:15 - 14:30 - Respiratory management

Jacques Duranteau (Le Kremlin-Bicêtre , France)

14:30 - 14:45 - Targeted temperature management

Manoj Saxena (Sydney, Australia)

14:45 - 15:00 - Discussion

15:00 - 15:15 - A place for EPO?

Rinaldo Bellomo (Melbourne, Australia)

15:15 - 15:30 - Inhaled nitric oxide to protect the brain?

Richard Branson (Cincinnati , United States)

15:30 - 15:45 - New guidelines 2016

Stephan A Mayer (New York , United States)

15:45 - 16:00 - Predicting outcome

Kathy Rowan (London , United Kingdom)

16:00 - 16:15 - Can we achieve arousal from vegetative state

David Menon (Cambridge , United Kingdom)

16:15 - 16:30 - Discussion

16:30 - 16:45 - Break

Corticosteroids in septic shock: Still a place? [Standard presentation]

Moderator : Anthony Gordon (London , United Kingdom)

Moderator : Samuel Brown (Murray, United States)

16:45 - 17:00 - How cortisol metabolism is altered

Greet Van den Berghe (Leuven , Belgium)

17:00 - 17:15 - Update on clinical trials

Djillali Annane (Garches , France)

17:15 - 17:30 - Ten false beliefs about plasma cortisol in critically ill patients

Balasubramanian Venkatesh (Brisbane , Australia)

17:30 - 17:45 - We must consider septic shock endotypes

Hector R Wong (Cincinnati , United States)

17:45 - 18:00 - Discussion

Thursday 17 March 2016 - AM

ROOM : Salle M (Bozar)

Respiratory monitoring in ARDS [Standard presentation]

Moderator : Roy Brower (Baltimore , United States)

Moderator : Massimo Antonelli (Rome , Italy)

8:00 - 8:15 - Update on lung ultrasonography

Paul H Mayo (New Hyde Park , United States)

8:15 - 8:30 - Bedside imaging

Daniel Reuter (Hamburg , Germany)

8:30 - 8:45 - Esophageal pressure monitoring

Laurent Brochard (Toronto, Canada)

8:45 - 9:00 - Discussion

9:00 - 9:15 - How to optimize the lung CT scan

Davide Chiumello (Milan , Italy)

9:15 - 9:30 - Extravascular lung water and pulmonary permeability

Xavier Monnet (Le Kremlin-Bicêtre , France)

9:30 - 9:45 - Quantitative diagnosis of ARDS using extravascular lung water

Takashi Tagami (Tokyo, Japan)

9:45 - 10:00 - Lung perfusion at the bedside: The future is now

Marcelo Amato (Sao Paulo , Brazil)

10:00 - 10:15 - Discussion

10:15 - 10:35 - Break

Parenteral nutrition : When and how? [Meet the experts]

10:35 - 11:05 - Parenteral nutrition : When and how?

Michaël Casaer (Leuven , Belgium), Gunnar Elke (Kiel, Germany)

How I use renal replacement therapy [Meet the experts]

11:10 - 11:40 - How I use renal replacement therapy

Vincenzo Cantaluppi (Novara, Italy), Antoine Schneider (Lausanne , Switzerland)

Pleural effusion: What to do with it [Tutorial]

11:45 - 12:15 - Pleural effusion: What to do with it

Davide Chiumello (Milan , Italy)

Thursday 17 March 2016 - PM

ROOM : Salle M (Bozar)

Lung recruitment in ARDS [Standard presentation]

Moderator : Laurent Brochard (Toronto, Canada)

Moderator : Salvatore Maurizio Maggiore (Chieti, Italy)

13:45 - 14:00 - Who responds to recruitment, and why

Luciano Gattinoni (Milan , Italy)

14:00 - 14:15 - Why PV-curves and CT assessment may fail

Marcelo Amato (Sao Paulo , Brazil)

14:15 - 14:30 - EIT to monitor it

Giacomo Bellani (Monza , Italy)

14:30 - 14:45 - Discussion

14:45 - 15:00 - Assessment by respiratory mechanics or CT scan: Are they related?

Luciano Gattinoni (Milan , Italy)

15:00 - 15:15 - Hemodynamic consequences of recruitment maneuvers

Michel Slama (Amiens , France)

15:15 - 15:30 - Discussion

Asthmatic crises [Tutorial]

15:30 - 16:00 - Asthmatic crises

Jesse Hall (Chicago , United States)

Recruitment and PEEP [Standard presentation]

Moderator : Luciano Gattinoni (Milan , Italy)

Moderator : Giacomo Bellani (Monza , Italy)

16:00 - 16:15 - Is it really important?

Marcelo Amato (Sao Paulo , Brazil)

16:15 - 16:30 - How I do it practically

Roy Brower (Baltimore , United States)

16:30 - 16:45 - PEEP without lung recruitment results in overdistention?

Robert M Kacmarek (Boston , United States)

16:45 - 17:00 - Discussion

17:00 - 17:15 - Measurement of end-expiratory lung volume is useful

Alain Mercat (Angers , France)

17:15 - 17:30 - Beware of the hemodynamic effects

Xavier Monnet (Le Kremlin-Bicêtre , France)

17:30 - 17:45 - How to reduce PEEP when the patient gets better

Jean-Christophe Richard (Metz-Tessy, France)

17:45 - 18:00 - Discussion

Thursday 17 March 2016 - AM

ROOM : Tent

Perioperative optimization [Standard presentation]

Moderator : Samir Jaber (Montpellier , France)

Moderator : Paolo Pelosi (Genoa , Italy)

8:00 - 8:15 - What are the goals?

Maxime Cannesson (Los Angeles, United States)

8:15 - 8:30 - What are the options?

Matthieu Biais (Bordeaux, France)

8:30 - 8:45 - Pulse contour derived methods

Nicola Brienza (Bari , Italy)

8:45 - 9:00 - Can we still remain non-invasive?

Azriel Perel (Tel Aviv , Israel)

9:00 - 9:15 - Discussion

9:15 - 9:30 - Fluids or inotropic agents?

Frédéric Michard (Lausanne, Switzerland)

9:30 - 9:45 - Predetermined or individualized targets?

Daniel Reuter (Hamburg , Germany)

9:45 - 10:00 - Should we also measure ScvO₂?

Zsolt Molnar (Szeged , Hungary)

10:00 - 10:15 - Is it cost-effective?

Gerard R Manecke (San Diego, United States)

10:15 - 10:30 - Discussion

When do you measure ScvO₂ and what do you do with it? [Round table]

Moderator : Jean-Louis Vincent (Brussels , Belgium)

10:30 - 11:15 - When do you measure ScvO₂ and what do you do with it?

Jean-Louis Teboul (Le Kremlin-Bicêtre , France), Zsolt Molnar (Szeged , Hungary), Daniel De Backer (Brussels, Belgium), Luciano Gattinoni (Milan , Italy), Jan Bakker (Rotterdam , Netherlands)

ECMO: Complications and outcomes [Standard presentation]

Moderator : Niall Ferguson (Toronto , Canada)

Moderator : Marco Ranieri (Rome, Italy)

11:15 - 11:30 - How echography can help

Dirk Donker (Utrecht, Netherlands)

11:30 - 11:45 - Neurological complications

Alain Combes (Paris , France)

11:45 - 12:00 - Infectious complications

Matthieu Schmidt (Paris, France)

12:00 - 12:15 - Discussion

Thursday 17 March 2016 - PM

ROOM : Tent

Weaning [Standard presentation]

Moderator : Marco Maggiorini (Zurich , Switzerland)

Moderator : Giuseppe Citerio (Monza , Italy)

13:45 - 14:00 - How to predict extubation failure

Arnaud Thille (Poitiers, France)

14:00 - 14:15 - Difficult weaning: What is the problem in this patient?

Georg-Christian Funk (Vienna , Austria)

14:15 - 14:30 - Cardiovascular limits

Antoine Vieillard-Baron (Boulogne-Billancourt , France)

14:30 - 14:45 - Discussion

14:45 - 15:00 - When and how to sedate

Massimo Antonelli (Rome , Italy)

15:00 - 15:15 - Weaning sedation and ventilation together

Samir Jaber (Montpellier , France)

15:15 - 15:30 - ECCO2R in difficult to wean patients

Marco Ranieri (Rome, Italy)

15:30 - 15:45 - Discussion

ARDS: How I set the respirator [Tutorial]

15:45 - 16:15 - ARDS: How I set the respirator

Niall Ferguson (Toronto , Canada)

Goal-oriented hemodynamic monitoring [Tutorial]

16:20 - 16:50 - Goal-oriented hemodynamic monitoring

Marco Maggiorini (Zurich , Switzerland)

PK/PD application to antibiotic stewardship [Tutorial]

16:55 - 17:25 - PK/PD application to antibiotic stewardship

David P Nicolau (Hartford , United States)

ICU economics: How to manage? [Tutorial]

17:30 - 18:00 - ICU economics: How to manage?

Jukka Takala (Bern , Switzerland)

Thursday 17 March 2016 - AM

ROOM : Silver Hall

Antibiotic therapy [Standard presentation]

Moderator : Elie Azoulay (Paris , France)

Moderator : Béatrice Grabein (München, Germany)

8:00 - 8:15 - Reducing inappropriate and unnecessary use of antibiotics in the ICU

Jean Chastre (Paris , France)

8:15 - 8:30 - Conflict between missing infection and overuse of antibiotics

Thierry Calandra (Lausanne , Switzerland)

8:30 - 8:45 - Antibiotic treatment of the immunocompromised patient

Tobias Welte (Hannover , Germany)

8:45 - 9:00 - The challenge of the appropriate doses

Mathias Pletz (Jena, Germany)

9:00 - 9:15 - Discussion

9:15 - 9:30 - Break

Optimizing antibiotic therapy: Getting it right [Standard presentation]

Moderator : Mervyn Singer (London , United Kingdom)

Moderator : Johan Martensson (Melbourne, Australia)

9:30 - 9:45 - The right choice

Béatrice Grabein (München, Germany)

9:45 - 10:00 - The right time

Miguel Sánchez García (Madrid, Spain)

10:00 - 10:15 - The right first dose

Fabio S Taccone (Brussels , Belgium)

10:15 - 10:25 - Discussion

10:25 - 10:40 - How to adjust the doses

Jan De Waele (Ghent , Belgium)

10:40 - 10:55 - Also in renal failure

Charles Gomersall (Shatin , Hong Kong)

10:55 - 11:10 - The right way: Continuous vs. intermittent

Rinaldo Bellomo (Melbourne, Australia)

11:10 - 11:20 - Discussion

11:20 - 11:35 - When and how to deescalate

Jean-François Timsit (Paris, France)

11:35 - 11:50 - The right duration

Michael S Niederman (New York, United States)

11:50 - 12:05 - Do not forget the practical organizational aspects

Stijn Blot (Ghent , Belgium)

12:05 - 12:15 - Discussion

Thursday 17 March 2016 - PM

ROOM : Silver Hall

Special additions [Standard presentation]

Moderator : Julia Wendon (London , United Kingdom)

Moderator : Danielle Bear (London, United Kingdom)

13:45 - 14:00 - Glutamine in critical illness: Resolving controversy

Paul Wischmeyer (Aurora , United States)

14:00 - 14:15 - Fish oil supplementation may increase mortality

Arthur van Zanten (Ede , Netherlands)

14:15 - 14:30 - Vitamin D metabolomics

Kenneth Christopher (Boston, United States)

14:30 - 14:45 - So, should we give vitamin D?

Balasubramanian Venkatesh (Brisbane , Australia)

14:45 - 15:00 - Discussion

15:00 - 15:15 - Selenium

Christian Stoppe (Aachen, Germany)

15:15 - 15:30 - Micronutrients: When and how?

Michaël Casaer (Leuven , Belgium)

15:30 - 15:45 - Probiotics: Who, When, and How do they work?

Paul Wischmeyer (Aurora , United States)

15:45 - 16:00 - Discussion

Antibiotic therapy (PI) [Plenary lecture]

16:00 - 16:25 - Antibiotic therapy (PI)

Thierry Calandra (Lausanne , Switzerland)

The obese patient [Standard presentation]

Moderator : Christian J Wiedermann (Bolzano , Italy)

Moderator : Max Bell (Stockholm, Sweden)

16:25 - 16:40 - Cardiopulmonary implications

John J Marini (St Paul , United States)

16:40 - 16:55 - Perioperative management

Paolo Pelosi (Genoa , Italy)

16:55 - 17:05 - Discussion

17:05 - 17:20 - Recruitment with decremental PEEP in the absence of ARDS

Robert M Kacmarek (Boston , United States)

17:20 - 17:35 - ARDS management

Davide Chiumello (Milan , Italy)

17:35 - 17:50 - Weaning from mechanical ventilation

Samir Jaber (Montpellier , France)

17:50 - 18:00 - Discussion

Thursday 17 March 2016 - AM

ROOM : 100 Hall

How do the kidneys fail... and recover? [Standard presentation]

Moderator : Lakhmir S Chawla (San Diego, United States)

Moderator : Paolo Angeli (Padova , Italy)

8:00 - 8:15 - How mechanical ventilation can affect renal perfusion

Didier Payen (Paris , France)

8:15 - 8:30 - Do not underestimate a glomerular origin

Manuel Praga (Madrid, Spain)

8:30 - 8:45 - Pathogenetic mechanisms in sepsis

Vincenzo Cantaluppi (Novara, Italy)

8:45 - 8:55 - Discussion

8:55 - 9:10 - Lack of oxygen

Rinaldo Bellomo (Melbourne, Australia)

9:10 - 9:25 - Lack of red blood cells

Can Ince (Amsterdam , Netherlands)

9:25 - 9:40 - Anemia or transfusion, which is worse?

Keyvan Karkouti (Toronto, Canada)

9:40 - 9:50 - Discussion

9:50 - 10:05 - It is inadequate perfusion

Miet Schetz (Leuven , Belgium)

10:05 - 10:20 - It is inflammation

Michael Joannidis (Innsbruck , Austria)

10:20 - 10:35 - Maybe both?

Didier Payen (Paris , France)

10:35 - 10:40 - Discussion

10:45 - 11:00 - Intraabdominal hypertension can contribute

Eric Hoste (Ghent , Belgium)

11:00 - 11:15 - Drug-induced acute interstitial nephritis

Manuel Praga (Madrid, Spain)

11:15 - 11:30 - Pathways of recovery

Ravindra Mehta (San Diego , United States)

11:30 - 11:45 - Long-term mortality and morbidity

Max Bell (Stockholm, Sweden)

11:45 - 12:00 - How to facilitate renal recovery

Detlef Kindgen-Milles (Düsseldorf , Germany)

12:00 - 12:15 - Discussion

Thursday 17 March 2016 - PM

ROOM : 100 Hall

Fungal infections [Standard presentation]

Moderator : Béatrice Grabein (München, Germany)

Moderator : Mauro Bernardi (Bologna, Italy)

13:45 - 14:00 - Early diagnosis of invasive candidiasis

Pierre Emmanuel Charles (Dijon , France)

14:00 - 14:15 - Invasive candidiasis: Beta-D glucan-guided therapy

Massimo Antonelli (Rome , Italy)

14:15 - 14:30 - Invasive fungal infections in the ICU

Thierry Calandra (Lausanne , Switzerland)

14:30 - 14:45 - Discussion

14:45 - 15:00 - Fungal peritonitis

Philippe Montravers (Paris , France)

15:00 - 15:15 - How the surgeon could help

Gabriele Sganga (Roma , Italy)

15:15 - 15:30 - Deescalation of antifungal treatment

Jean-François Timsit (Paris, France)

15:30 - 15:45 - Discussion

15:45 - 16:00 - Aspergillus in endotracheal aspirates? What does it mean?

Stijn Blot (Ghent , Belgium)

16:00 - 16:15 - Nosocomial Candida lung infections: Myth or real concern?

Antoni Torres (Barcelona , Spain)

16:15 - 16:25 - Discussion

16:25 - 16:45 - Break

Infectious challenges [Standard presentation]

Moderator : Jean Chastre (Paris , France)

Moderator : Michael S Niederman (New York, United States)

16:45 - 17:00 - Bacterial meningitis

Raimund Helbok (Innsbruck , Austria)

17:00 - 17:15 - Source control issues in peritonitis

Jan De Waele (Ghent , Belgium)

17:15 - 17:30 - Antiinfective approach in abdominal sepsis

Christian Eckmann (Peine, Germany)

17:30 - 17:45 - Catheter-related infections

Jean-François Timsit (Paris, France)

17:45 - 18:00 - Discussion

Thursday 17 March 2016 - AM

ROOM : 400 Hall

Monitoring the peripheral circulation [Standard presentation]

Moderator : Georg-Christian Funk (Vienna , Austria)

Moderator : Fabio Guarracino (Pisa , Italy)

8:00 - 8:15 - Clinical assessment

Jan Bakker (Rotterdam , Netherlands)

8:15 - 8:30 - On-line monitoring of microcirculatory flow

Michael Pinsky (La Jolla , United States)

8:30 - 8:45 - Microcirculatory imaging in sepsis: Beyond just flow

Nathan Shapiro (Boston , United States)

8:45 - 9:00 - Discussion

9:00 - 9:15 - Towards routine monitoring in the ICU

Jacques Duranteau (Le Kremlin-Bicêtre , France)

9:15 - 9:30 - Can CO₂ gradient be used to track microvascular perfusion?

Daniel De Backer (Brussels, Belgium)

9:30 - 9:45 - Buccal capnometry: The concept

Jacques Creteur (Brussels , Belgium)

9:45 - 10:00 - Buccal capnometry: Clinical applications

Diego Orbeago Cortes (Brussels, Belgium)

10:00 - 10:15 - Discussion

Dysphagia in the critically ill [Tutorial]

10:20 - 10:50 - Dysphagia in the critically ill

Shaheen Hamdy (Salford, United Kingdom)

Neuromuscular blockers as part of lung protective strategy [Pro-con debate]

10:55 - 11:25 - Neuromuscular blockers as part of lung protective strategy

PRO Laurent Papazian (Marseille , France)

CON Roy Brower (Baltimore , United States)

Thursday 17 March 2016 - PM

ROOM : 400 Hall

Assessing renal function [Standard presentation]

Moderator : Ravindra Mehta (San Diego , United States)

Moderator : Vincenzo Cantaluppi (Novara, Italy)

13:45 - 14:00 - What are the options in the ICU?

Michael Joannidis (Innsbruck , Austria)

14:00 - 14:15 - The concept of functional renal reserve

Rinaldo Bellomo (Melbourne, Australia)

14:15 - 14:30 - Contrast-enhanced ultrasonography to guide therapy

Antoine Schneider (Lausanne , Switzerland)

14:30 - 14:45 - Discussion

14:45 - 15:00 - We need new biomarkers

Johan Martensson (Melbourne, Australia)

15:00 - 15:15 - We do not know what to do with new biomarkers.

Geert Meyfroidt (Leuven , Belgium)

15:15 - 15:30 - Discussion

15:30 - 15:45 - Break

The future of computer-assisted and closed loop systems [Standard presentation]

Moderator : Craig M Coopersmith (Atlanta, United States)

Moderator : Laurent Papazian (Marseille , France)

15:45 - 16:00 - Machine learning tools

Michael Pinsky (La Jolla , United States)

16:00 - 16:15 - Fluid management

Maxime Cannesson (Los Angeles, United States)

16:15 - 16:30 - Vasopressor therapy

Alexandre Mebazaa (Paris , France)

16:30 - 16:45 - Discussion

16:45 - 17:00 - Hemodynamic monitoring

Frédéric Michard (Lausanne, Switzerland)

17:00 - 17:15 - Respiratory system modeling

Jean-Daniel Chiche (Paris , France)

17:15 - 17:30 - Nutritional support

Arthur van Zanten (Ede , Netherlands)

17:30 - 17:45 - Glucose control

Jean-Charles Preiser (Brussels , Belgium)

17:45 - 18:00 - Discussion

Thursday 17 March 2016 - AM

ROOM : Lippens Room National Library

Polytrauma [Standard presentation]

Moderator : Peter Le Roux (Wynnewood, United States)

Moderator : Michael Fries (Limburg, Germany)

8:00 - 8:15 - Priority setting

John C Marshall (Toronto , Canada)

8:15 - 8:30 - Importance of a multidisciplinary team approach

Kjetil Sunde (Oslo , Norway)

8:30 - 8:45 - New guidelines in early resuscitation

Jacques Duranteau (Le Kremlin-Bicêtre , France)

8:45 - 9:00 - New guidelines on bleeding control

Jean-Louis Vincent (Brussels , Belgium)

9:00 - 9:15 - Discussion

9:15 - 9:30 - When to shift from pro- to anti-coagulant therapy?

Michael Reade (Brisbane, Australia)

9:30 - 9:45 - Measuring the quality of trauma care

Tom Stelfox (Calgary, Canada)

9:45 - 10:00 - Immunoparalysis in trauma patients

Peter Pickkers (Nijmegen , Netherlands)

10:00 - 10:15 - Options for the future

Peter Radermacher (Ulm , Germany)

10:15 - 10:30 - Discussion

Bleeding management algorithms [Tutorial]

10:30 - 11:00 - Bleeding management algorithms

Oliver Theusinger (Zürich, Switzerland)

Cirrhosis [Tutorial]

11:05 - 11:35 - Cirrhosis

Mauro Bernardi (Bologna, Italy)

Plateau pressure: Tips and tricks [Tutorial]

11:40 - 12:15 - Plateau pressure: Tips and tricks

Giacomo Bellani (Monza , Italy)

Thursday 17 March 2016 - PM

ROOM : Lippens Room National Library

ECMO: My practical approach [Meet the experts]

13:45 - 14:15 - ECMO: My practical approach

Dirk Donker (Utrecht, Netherlands), John Fraser (Brisbane , Australia)

Discussions with relatives [Tutorial]

14:20 - 14:50 - Discussions with relatives

Elie Azoulay (Paris , France)

Perioperative goal-directed fluid therapy [Tutorial]

14:55 - 15:25 - Perioperative goal-directed fluid therapy

Gerard R Manecke (San Diego, United States)

Non ventilator ICU acquired pneumonia [Tutorial]

15:30 - 16:00 - Non ventilator ICU acquired pneumonia

F Stephan (Le Plessis Robinson, France)

After cardiac arrest (Tu) [Tutorial]

16:05 - 16:40 - After cardiac arrest

Kjetil Sunde (Oslo , Norway)

Diagnosis and treatment of acute PE [Tutorial]

16:45 - 17:20 - Diagnosis and treatment of acute PE

Menno Huisman (Leiden, Netherlands)

Antibiotic therapy (Tu) [Tutorial]

17:25 - 18:00 - Antibiotic therapy

Béatrice Grabein (München, Germany)

Thursday 17 March 2016 - AM

ROOM : Studio (Bozar)

The right ventricle [Standard presentation]

Moderator : Daniel Brodie (New York, United States)

Moderator : Arnaud Thille (Poitiers, France)

8:00 - 8:15 - What we need to know about pulmonary hypertension

Marco Maggiorini (Zurich , Switzerland)

8:15 - 8:30 - Hemodynamic effects of pulmonary embolism

Menno Huisman (Leiden, Netherlands)

8:30 - 8:45 - Acute RV failure

Alexandre Mebazaa (Paris , France)

8:45 - 9:00 - RV function can be harmed by PEEP

Antoine Vieillard-Baron (Boulogne-Billancourt , France)

9:00 - 9:15 - Discussion

9:15 - 9:30 - can RV function be improved by PEEP?

Robert M Kacmarek (Boston , United States)

9:30 - 9:45 - PEEP can be good for the heart and for the lung

Michel Slama (Amiens , France)

9:45 - 10:00 - Extracorporeal techniques to improve the right heart

Dirk Donker (Utrecht, Netherlands)

10:00 - 10:15 - Discussion

10:15 - 10:30 - Break

Bringing advanced critical care echo into everyday practice [Tutorial]

10:30 - 11:00 - Bringing advanced critical care echo into everyday practice

Anthony McLean (Sydney , Australia)

Organ donation [Standard presentation]

Moderator : Raimund Helbok (Innsbruck , Austria)

Moderator : B. Taylor Thompson (Boston , United States)

11:00 - 11:15 - Organ donation in the ICU

Giuseppe Citerio (Monza , Italy)

11:15 - 11:30 - Managing brain death : the many challenges

Didier Payen (Paris , France)

11:30 - 11:45 - We should have more donations after cardiac death

Jacques Creteur (Brussels , Belgium)

11:45 - 12:00 - We should cool down the organ donor

Michael Joannidis (Innsbruck , Austria)

12:00 - 12:15 - Discussion

Thursday 17 March 2016 - PM

ROOM : Studio (Bozar)

ECMO: The quest for immortality? [Round table]

Moderator : Jukka Takala (Bern , Switzerland)

13:45 - 14:40 - ECMO: The quest for immortality?

Daniel Brodie (New York, United States), Alain Combes (Paris , France), Michael Quintel (Göttingen , Germany), Alain Mercat (Angers , France), Harlinde Peperstraete (Gent, Belgium)

Functional hemodynamic monitoring [Tutorial]

14:40 - 15:10 - Functional hemodynamic monitoring

Michael Pinsky (La Jolla , United States)

It looks like septic shock but [Tutorial]

15:15 - 15:45 - It looks like septic shock but...

Jean-Daniel Chiche (Paris , France)

Blood gases [Tutorial]

15:50 - 16:20 - Blood gases

Balasubramanian Venkatesh (Brisbane , Australia)

Severe pancreatitis [Tutorial]

16:25 - 16:55 - Severe pancreatitis

Pierre-François Laterre (Brussels , Belgium)

Severe burns [Tutorial]

17:00 - 17:30 - Severe burns

Takashi Tagami (Tokyo, Japan)

Difficult weaning [Tutorial]

17:30 - 18:00 - Difficult weaning

Johannes Van Der Hoeven (Nijmegen , Netherlands)

Thursday 17 March 2016 - AM

ROOM : Arc Room

How you can assess quality of care [Tutorial]

8:00 - 8:30 - How you can assess quality of care

Tom Stelfox (Calgary, Canada)

Massive bleeding (Tu) [Tutorial]

8:35 - 9:05 - Massive bleeding

Oliver Grottke (Aachen, Germany)

Hematologic emergencies [Tutorial]

9:10 - 9:40 - Hematologic emergencies

Paul Coppo (Paris, France)

Severe CAP [Tutorial]

9:45 - 10:15 - Severe CAP

Michael S Niederman (New York, United States)

Mechanical assistance of the failing heart [Tutorial]

10:20 - 10:55 - Mechanical assistance of the failing heart

John Fraser (Brisbane , Australia)

Septic shock in children [Tutorial]

11:00 - 11:35 - Septic shock in children

Hector R Wong (Cincinnati , United States)

Fluid responsiveness : How I do it [Tutorial]

11:40 - 12:15 - Fluid responsiveness : How I do it

Xavier Monnet (Le Kremlin-Bicêtre , France)

Friday 18 March 2016 - AM

ROOM : HLB Room

Friday 18 March 2016 - AM

ROOM : Gold Hall

Practical aspects of ECMO [Standard presentation]

Moderator : Marco Ranieri (Rome, Italy)

Moderator : Georg-Christian Funk (Vienna , Austria)

8:00 - 8:15 - How the ventilator and circuit interact

Niall Ferguson (Toronto , Canada)

8:15 - 8:30 - Low tidal volumes with high PEEP

Matthieu Schmidt (Paris, France)

8:30 - 8:45 - Tuning the respirator

Neil R MacIntyre (Durham , United States)

8:45 - 9:00 - Setting the flow

Michael Quintel (Göttingen , Germany)

9:00 - 9:15 - Discussion

9:15 - 9:30 - How to manage anticoagulation

John Fraser (Brisbane , Australia)

9:30 - 9:45 - How to add a RRT device to ECMO

Patrick Honoré (Brussels , Belgium)

9:45 - 10:00 - Is the addition of IABP sometimes indicated?

Alain Combes (Paris , France)

10:00 - 10:15 - Discussion

10:15 - 10:30 - Nutritional management

Danielle Bear (London, United Kingdom)

10:30 - 10:45 - How to adapt antibiotic doses

Fabio S Taccone (Brussels , Belgium)

10:45 - 11:00 - Early mobilization

Daniel Brodie (New York, United States)

11:00 - 11:15 - Discussion

11:15 - 11:30 - Weaning from ECMO

Dirk Donker (Utrecht, Netherlands)

11:30 - 11:45 - When to ENCOURAGE... to give up

Alain Combes (Paris , France)

11:45 - 12:00 - ECMO not everywhere!

Laurent Papazian (Marseille , France)

12:00 - 12:15 - Discussion

Friday 18 March 2016 - PM

ROOM : Gold Hall

Extracorporeal support in respiratory failure [Standard presentation]

Moderator : Matthieu Schmidt (Paris, France)

Moderator : Neil R MacIntyre (Durham , United States)

13:30 - 13:45 - Basic concepts

Niall Ferguson (Toronto , Canada)

13:45 - 14:00 - Physiological implications

Can Ince (Amsterdam , Netherlands)

14:00 - 14:15 - RV dysfunction: Do you need VA or is VV sufficient?

Daniel Brodie (New York, United States)

14:15 - 14:30 - Discussion

14:30 - 14:45 - High-flow versus mid- and low-flow extracorporeal lung support

Michael Quintel (Göttingen , Germany)

14:45 - 15:00 - Extracorporeal CO₂ removal: Techniques and perspectives

Antonio Pesenti (Milan , Italy)

15:00 - 15:15 - Discussion

15:15 - 15:30 - ECCO₂R, the end of ECMO in respiratory failure?

Harlinde Peperstraete (Gent, Belgium)

15:30 - 15:45 - ECCO₂R for ultraprotective mechanical ventilation for severe ARDS

Alain Combes (Paris , France)

15:45 - 16:00 - How to avoid ECMO in severe hypoxemia

Alain Mercat (Angers , France)

16:00 - 16:15 - Discussion

Friday 18 March 2016 - AM

ROOM : Copper Hall

CPR: My own recommendations [Meet the experts]

8:00 - 8:30 - CPR: My own recommendations

Michael Fries (Limburg, Germany), Laurie Morrison (Toronto , Canada)

Lung mechanics in ARDS [Tutorial]

8:35 - 9:05 - Lung mechanics in ARDS

Antonio Pesenti (Milan , Italy)

Acute renal failure (Tu) [Tutorial]

9:10 - 9:40 - Acute renal failure

Max Bell (Stockholm, Sweden)

Skin and soft tissue sepsis (Tu) [Tutorial]

9:45 - 10:15 - Skin and soft tissue sepsis

Christian Eckmann (Peine, Germany)

Acute renal failure [Standard presentation]

Moderator : Michael Joannidis (Innsbruck , Austria)

Moderator : Didier Payen (Paris , France)

10:20 - 10:35 - The Global Snapshot: Results of a worldwide study on AKI

Ravindra Mehta (San Diego , United States)

10:35 - 10:50 - Can we predict it?

Hector R Wong (Cincinnati , United States)

10:50 - 11:05 - Room for improvement?

Sean Bagshaw (Edmonton , Canada)

11:05 - 11:15 - Discussion

11:15 - 11:30 - Are we ready for stem cell therapy?

Vincenzo Cantaluppi (Novara, Italy)

11:30 - 11:45 - Hepatorenal syndrome

Paolo Angeli (Padova , Italy)

11:45 - 12:00 - When should we refer ICU-survivors to a nephrologist?

Max Bell (Stockholm, Sweden)

12:00 - 12:15 - Long-term consequences: Quality of life

Eric Hoste (Ghent , Belgium)

12:15 - 12:30 - Discussion

Friday 18 March 2016 - PM

ROOM : Copper Hall

Blood pressure management [Tutorial]

13:30 - 14:00 - Blood pressure management

Daniel Reuter (Hamburg , Germany)

CPR [Standard presentation]

Moderator : Max Bell (Stockholm, Sweden)

Moderator : Takashi Tagami (Tokyo, Japan)

14:00 - 14:15 - Airway management during CPR

Jerry Nolan (Bath , United Kingdom)

14:15 - 14:30 - Revisiting ventilation

Jean-Christophe Richard (Metz-Tessy, France)

14:30 - 14:45 - Measure CPR metrics and ETCO₂ to guide the quality of CPR

Laurie Morrison (Toronto , Canada)

14:45 - 15:00 - Discussion

15:00 - 15:15 - Still a place for epinephrine?

Jerry Nolan (Bath , United Kingdom)

15:15 - 15:30 - Do we need any drug after all?

Kjetil Sunde (Oslo , Norway)

15:30 - 15:45 - New strategies

Michael Fries (Limburg, Germany)

15:45 - 16:00 - Is ECPR reasonable?

Fabio S Taccone (Brussels , Belgium)

16:00 - 16:15 - Discussion

Friday 18 March 2016 - AM

ROOM : Salle M (Bozar)

Parenteral Nutrition [Standard presentation]

Moderator : Jan Wernerman (Stockholm , Sweden)

Moderator : Peter Pickkers (Nijmegen , Netherlands)

8:00 - 8:15 - Should all patients be started on early parenteral nutrition?

Danielle Bear (London, United Kingdom)

8:15 - 8:30 - When to start?

Arthur van Zanten (Ede , Netherlands)

8:30 - 8:45 - New data in children

Greet Van den Berghe (Leuven , Belgium)

8:45 - 9:00 - Discussion

9:00 - 9:15 - Should we always include lipids?

Michaël Casaer (Leuven , Belgium)

9:15 - 9:30 - Making parenteral nutrition safer

Paul Wischmeyer (Aurora , United States)

9:30 - 9:40 - Discussion

9:40 - 9:55 - Break

The gut as a motor of MOF 30 years later [Standard presentation]

Moderator : Paul Wischmeyer (Aurora , United States)

Moderator : Kirsi-Maija Kaukonen (Helsinki, Finland)

9:55 - 10:10 - Is this still a good idea?

Craig M Coopersmith (Atlanta, United States)

10:10 - 10:25 - Intestinal injury after cardiac arrest

David Grimaldi (Le Chesnay, France)

10:25 - 10:40 - Role of the gut microbiota during sepsis

Joost Wiersinga (Amsterdam , Netherlands)

10:40 - 10:55 - What happened to gastric tonometry?

Jacques Creteur (Brussels , Belgium)

10:55 - 11:10 - Acid suppression in critically ill patients: Still necessary?

Paolo Pelosi (Genoa , Italy)

11:10 - 11:25 - Discussion

Hemofiltration techniques [Tutorial]

11:25 - 11:55 - Hemofiltration techniques

Ashita Tolwani (Birmingham, United States)

Point-of-care testing for coagulation on the ICU [Tutorial]

12:00 - 12:30 - Point-of-care testing for coagulation on the ICU

Kai Zacharowski (Frankfurt , Germany)

Friday 18 March 2016 - AM

ROOM : Tent

Neuromonitoring [Standard presentation]

Moderator : Stephan A Mayer (New York , United States)

Moderator : Giuseppe Citerio (Monza , Italy)

8:00 - 8:15 - What we need to know about brain metabolism

Raimund Helbok (Innsbruck , Austria)

8:15 - 8:30 - The impact of axonal damage

Nino Stocchetti (Milan , Italy)

8:30 - 8:45 - EEG monitoring in the ICU: 'Fancy tool`or `important device`?

Mauro Oddo (Lausanne , Switzerland)

8:45 - 9:00 - Discussion

9:00 - 9:15 - When to monitor ICP

Andrew I Maas (Edegem , Belgium)

9:15 - 9:30 - Can we reliably estimate ICP by optic nerve sheath diameter?

Nino Stocchetti (Milan , Italy)

9:30 - 9:45 - Monitoring brain oxygen

Peter Le Roux (Wynnewood, United States)

9:45 - 10:00 - Non-invasive techniques

Fabio S Taccone (Brussels , Belgium)

10:00 - 10:15 - Discussion

10:15 - 10:30 - Break

Subarachnoid hemorrhage [Standard presentation]

Moderator : Nino Stocchetti (Milan , Italy)

Moderator : Andrew I Maas (Edegem , Belgium)

10:30 - 10:45 - When to measure intracranial pressure

Giuseppe Citerio (Monza , Italy)

10:45 - 11:00 - Contrast-enhanced echography to detect vasospasm

Jacques Duranteau (Le Kremlin-Bicêtre , France)

11:00 - 11:15 - Medical management

Mauro Oddo (Lausanne , Switzerland)

11:15 - 11:30 - Discussion

11:30 - 11:45 - Heart/brain interactions

Stephan A Mayer (New York , United States)

11:45 - 12:00 - When do you need a neurosurgeon

Peter Le Roux (Wynnewood, United States)

12:00 - 12:15 - Discussion

Friday 18 March 2016 - PM

ROOM : Tent

Acute-on-chronic liver failure [Tutorial]

13:30 - 14:00 - Acute-on-chronic liver failure

Julia Wendon (London , United Kingdom)

Transfusions [Standard presentation]

Moderator : Beverley Hunt (London , United Kingdom)

Moderator : Oliver Theusinger (Zürich, Switzerland)

14:00 - 14:15 - A critical literature review

Jean-Louis Vincent (Brussels , Belgium)

14:15 - 14:30 - Non-invasive hemoglobin monitoring: Accurate enough?

Richard Branson (Cincinnati , United States)

14:30 - 14:45 - When to transfuse the cardiac patient

Keyvan Karkouti (Toronto, Canada)

14:45 - 15:00 - When to transfuse the brain-injured patient

Peter Le Roux (Wynnewood, United States)

15:00 - 15:15 - Discussion

15:15 - 15:30 - Age of the blood: Is the story over?

Kirsi-Maija Kaukonen (Helsinki, Finland)

15:30 - 15:45 - Improving patient safety and outcome with patient blood management

Kai Zacharowski (Frankfurt , Germany)

15:45 - 16:00 - Discussion

Friday 18 March 2016 - AM

ROOM : Silver Hall

Massive bleeding [Standard presentation]

Moderator : Jerry Nolan (Bath , United Kingdom)

Moderator : Kai Zacharowski (Frankfurt , Germany)

8:00 - 8:15 - New guidelines

Beverley Hunt (London , United Kingdom)

8:15 - 8:30 - Reversal of anticoagulant treatment

Menno Huisman (Leiden, Netherlands)

8:30 - 8:45 - The bleeding surgical patient

Keyvan Karkouti (Toronto, Canada)

8:45 - 9:00 - Should we do something about hyperfibrinolysis?

Oliver Theusinger (Zürich, Switzerland)

9:00 - 9:15 - Discussion

9:15 - 9:30 - Fibrinogen concentrate

Michael Reade (Brisbane, Australia)

9:30 - 9:45 - PCCs outside vitamin K antagonist and NOAC reversal

Oliver Grottke (Aachen, Germany)

9:45 - 10:00 - Factor concentrates

Jerrold H Levy (Durham, United States)

10:00 - 10:15 - Whole blood also in civilian practice?

Michael Reade (Brisbane, Australia)

10:15 - 10:30 - Discussion

10:30 - 10:45 - Break

Coagulopathy [Standard presentation]

Moderator : Keyvan Karkouti (Toronto, Canada)

Moderator : Marcus Schultz (Amsterdam , Netherlands)

10:45 - 11:00 - New ways of thinking about DIC

Beverley Hunt (London , United Kingdom)

11:00 - 11:15 - Coagulopathy in trauma

Oliver Theusinger (Zürich, Switzerland)

11:15 - 11:30 - Coagulopathy in liver disease

Julia Wendon (London , United Kingdom)

11:30 - 11:45 - Discussion

11:45 - 12:00 - A new look at coagulopathy of sepsis

Marcel Levi (Amsterdam , Netherlands)

12:00 - 12:15 - Sepsis-associated coagulopathy: Frequency and outcomes

James A Russell (Vancouver , Canada)

12:15 - 12:30 - Discussion

Friday 18 March 2016 - PM

ROOM : Silver Hall

Post-extubation respiratory failure [Tutorial]

13:30 - 14:00 - Post-extubation respiratory failure

Salvatore Maurizio Maggiore (Chieti, Italy)

VAP [Standard presentation]

Moderator : Miguel Sánchez García (Madrid, Spain)

Moderator : Béatrice Grabein (München, Germany)

14:00 - 14:15 - How to diagnose VAP: We have new guidelines

Jean-François Timsit (Paris, France)

14:15 - 14:30 - How to diagnose VAP: We could do better

Jean Chastre (Paris , France)

14:30 - 14:45 - Can we prevent VAP, even if we cannot define it?

Michael S Niederman (New York, United States)

14:45 - 15:00 - Discussion

15:00 - 15:15 - Is oral hygiene harmful?

Stijn Blot (Ghent , Belgium)

15:15 - 15:30 - Head down vs. head up to prevent VAP

Antoni Torres (Barcelona , Spain)

15:30 - 15:45 - Antibiotic management

Mathias Pletz (Jena, Germany)

15:45 - 16:00 - Inhaled antibiotics

Tobias Welte (Hannover , Germany)

16:00 - 16:15 - Discussion

Friday 18 March 2016 - AM

ROOM : 100 Hall

Multiresistant organisms [Standard presentation]

Moderator : Massimo Antonelli (Rome , Italy)

Moderator : Mathias Pletz (Jena, Germany)

8:00 - 8:15 - Multidrug-resistant Gram-negative bacteria

Béatrice Grabein (München, Germany)

8:15 - 8:30 - How to deal with carbapenem-resistant Enterobacteriaceae

David P Nicolau (Hartford , United States)

8:30 - 8:45 - Should we use less carbapenems?

Philippe Montravers (Paris , France)

8:45 - 9:00 - Optimizing therapy for MDR pathogen VAP

Michael S Niederman (New York, United States)

9:00 - 9:15 - Discussion

9:15 - 9:30 - Do we need surveillance cultures?

Stijn Blot (Ghent , Belgium)

9:30 - 9:45 - But does ESBL carriage have a real impact?

Jean-François Timsit (Paris, France)

9:45 - 10:00 - How to decontaminate surfaces and medical equipment

Miguel Sánchez García (Madrid, Spain)

10:00 - 10:15 - Exploring antivirulence strategies for treating severe infections

Jean Chastre (Paris , France)

10:15 - 10:30 - Discussion

10:30 - 10:45 - RRT to allow higher doses of aminoglycosides

Patrick Honoré (Brussels , Belgium)

10:45 - 11:00 - Problems in surgical patients

Gabriele Sganga (Roma , Italy)

11:00 - 11:15 - Will new antibiotics help?

Tobias Welte (Hannover , Germany)

11:15 - 11:30 - Discussion

11:30 - 11:45 - We can prevent bacterial resistance

Miguel Sánchez García (Madrid, Spain)

11:45 - 12:00 - The politicians should be more involved

Djillali Annane (Garches , France)

12:00 - 12:15 - Discussion

Friday 18 March 2016 - PM

ROOM : 100 Hall

Implementing antibiotic stewardship in critical care [Tutorial]

13:30 - 14:00 - Implementing antibiotic stewardship in critical care

Jan De Waele (Ghent , Belgium)

Renal replacement therapies: Practical aspects [Standard presentation]

Moderator : Sean Bagshaw (Edmonton , Canada)

Moderator : Eric Hoste (Ghent , Belgium)

14:00 - 14:15 - Anticoagulation: The various options

Ashita Tolwani (Birmingham, United States)

14:15 - 14:30 - Non-anticoagulant effects of citrate

Vincenzo Cantaluppi (Novara, Italy)

14:30 - 14:45 - Citrate anticoagulation for all?

Antoine Schneider (Lausanne , Switzerland)

14:45 - 15:00 - Discussion

15:00 - 15:15 - Focus on mineral homeostasis

Detlef Kindgen-Milles (Düsseldorf , Germany)

15:15 - 15:30 - Micronutrient and amino acid losses

Danielle Bear (London, United Kingdom)

15:30 - 15:45 - Does it affects nutritional requirements?

Elisabeth De Waele (Brussels , Belgium)

15:45 - 16:00 - How to adjust antibiotic and antifungal doses

Patrick Honoré (Brussels , Belgium)

16:00 - 16:15 - Discussion

Friday 18 March 2016 - AM

ROOM : 400 Hall

How to improve the microcirculation [Standard presentation]

Moderator : Manoj Saxena (Sydney, Australia)

Moderator : Sonja Fruhwald (Graz, Austria)

8:00 - 8:15 - Can we targeting the glycocalyx?

Markus Rehm (Munich, Germany)

8:15 - 8:30 - Beta blockade or stimulation?

Daniel De Backer (Brussels, Belgium)

8:30 - 8:45 - Fluids vs vasopressors

Jacques Duranteau (Le Kremlin-Bicêtre, France)

8:45 - 9:00 - Discussion

9:00 - 9:15 - Transfusions

Can Ince (Amsterdam, Netherlands)

9:15 - 9:30 - Inhaled NO?

Nathan Shapiro (Boston, United States)

9:30 - 9:40 - Discussion

9:40 - 10:00 - Break

The failing liver [Standard presentation]

Moderator : Zsolt Molnar (Szeged, Hungary)

Moderator : Elisabeth De Waele (Brussels, Belgium)

10:00 - 10:15 - Acute on chronic liver failure

Mauro Bernardi (Bologna, Italy)

10:15 - 10:30 - Do we need liver scoring systems in the ICU?

Kenneth Christopher (Boston, United States)

10:30 - 10:45 - The challenge of identifying sepsis

Pierre-François Laterre (Brussels, Belgium)

10:45 - 11:00 - Beware of cardiac dysfunction

Paolo Angeli (Padova, Italy)

11:00 - 11:15 - Discussion

11:15 - 11:30 - When can we still consider transplantation?

Thierry Gustot (Brussels, Belgium)

11:30 - 11:45 - Extracorporeal liver support therapy

Achim Jörres (Berlin, Germany)

11:45 - 12:00 - Plasma exchange

Julia Wendon (London, United Kingdom)

12:00 - 12:15 - Discussion

Friday 18 March 2016 - PM

ROOM : 400 Hall

Subarachnoid hemorrhage (Tu) [Tutorial]

13:30 - 14:00 - Subarachnoid hemorrhage

Stephan A Mayer (New York , United States)

Intracranial hypertension [Standard presentation]

Moderator : Raimund Helbok (Innsbruck , Austria)

Moderator : Julia Wendon (London , United Kingdom)

14:05 - 14:20 - When and how to hyperventilate

Nino Stocchetti (Milan , Italy)

14:20 - 14:35 - Protective ventilation: To protect the lungs or protect the brain?

Paolo Pelosi (Genoa , Italy)

14:35 - 14:50 - Hyperosmolar therapy: Myths and facts

Giuseppe Citerio (Monza , Italy)

14:50 - 15:05 - Discussion

15:05 - 15:20 - Is there a better option for IV fluid?

Mauro Oddo (Lausanne , Switzerland)

15:20 - 15:35 - ICP: A stepwise approach

Stephan A Mayer (New York , United States)

15:35 - 15:50 - Should ICP thresholds in TBI be individualized?

Geert Meyfroidt (Leuven , Belgium)

15:50 - 16:10 - Discussion

Friday 18 March 2016 - AM

ROOM : Lippens Room National Library

Applied respiratory mechanics [Standard presentation]

Moderator : Geoffrey Bellingan (London , United Kingdom)

Moderator : Matthieu Biais (Bordeaux, France)

8:00 - 8:15 - Opening pressures in ARDS: Plateau pressure of 30 cmH₂O may not be enough

Luciano Gattinoni (Milan , Italy)

8:15 - 8:30 - Influence of abdominal pressure

John J Marini (St Paul , United States)

8:30 - 8:45 - Is the concept of driving pressure really relevant?

Marcelo Amato (Sao Paulo , Brazil)

8:45 - 9:00 - Discussion

9:00 - 9:15 - Monitoring respiratory muscles from the surface

Giacomo Bellani (Monza , Italy)

9:15 - 9:30 - How to measure transpulmonary pressures at the bedside

Daniel Talmor (Boston , United States)

9:30 - 9:45 - Are esophageal pressure measurements equal to pleural pressures?

Robert M Kacmarek (Boston , United States)

9:45 - 10:00 - Discussion

10:00 - 10:15 - Break

Prone positioning [Standard presentation]

Moderator : Alain Mercat (Angers , France)

Moderator : Davide Chiumello (Milan , Italy)

10:15 - 10:30 - Physiological background

Antonio Pesenti (Milan , Italy)

10:30 - 10:45 - It is also good for the heart

Antoine Vieillard-Baron (Boulogne-Billancourt , France)

10:45 - 11:00 - For which patients?

John J Marini (St Paul , United States)

11:00 - 11:15 - Discussion

11:15 - 11:30 - How to make it safe

Laurent Papazian (Marseille , France)

11:30 - 11:45 - Do people really use it?

Giacomo Bellani (Monza , Italy)

11:45 - 11:55 - Discussion

Acute heart failure [Tutorial]

11:55 - 12:25 - Acute heart failure

Fabio Guarracino (Pisa , Italy)

Friday 18 March 2016 - AM

ROOM : Studio (Bozar)

Necrotizing fasciitis [Tutorial]

8:00 - 8:35 - Necrotizing fasciitis

Michaël Casaer (Leuven , Belgium)

Renal replacement therapy [Standard presentation]

Moderator : John Kellum (Pittsburgh , United States)

Moderator : Detlef Kindgen-Milles (Düsseldorf , Germany)

8:40 - 8:55 - Holistic approach

Claudio Ronco (Vicenza , Italy)

8:55 - 9:10 - When to start RRT

Eric Hoste (Ghent , Belgium)

9:10 - 9:25 - Acute dialysis: From guidelines to individualized treatment

Achim Jörres (Berlin, Germany)

9:25 - 9:40 - Discussion

9:40 - 9:55 - Continuous hemodialysis for severe AKI

Thomas Rimmelé (Lyon, France)

9:55 - 10:10 - Continuous RRT results in less need for chronic dialysis

Antoine Schneider (Lausanne , Switzerland)

10:10 - 10:25 - We expect too much of these therapies

Miet Schetz (Leuven , Belgium)

10:25 - 10:40 - Discussion

10:40 - 10:55 - Indications after cardiac arrest

Kjetil Sunde (Oslo , Norway)

10:55 - 11:10 - Positive fluid balance as an indication

Ravindra Mehta (San Diego , United States)

11:10 - 11:25 - How to practically remove fluids

Antoine Schneider (Lausanne , Switzerland)

11:25 - 11:40 - Discussion

Prevention of nosocomial infections [Tutorial]

11:45 - 12:20 - Prevention of nosocomial infections

Geoffrey Bellin (London , United Kingdom)

Friday 18 March 2016 - AM

ROOM : Arc Room

Friday 18 March 2016 - PM

ROOM : Arc Room

Obscure digestive bleeding [Tutorial]

13:30 - 14:00 - Obscure digestive bleeding

André Van Gossum (Brussels , Belgium)

Optimized nutrition [Standard presentation]

Moderator : Thomas Rimmelé (Lyon, France)

Moderator : Arthur van Zanten (Ede , Netherlands)

14:00 - 14:15 - Malnutrition must be recognized

André Van Gossum (Brussels , Belgium)

14:15 - 14:30 - The NUTRIC score is a MUST

Arthur van Zanten (Ede , Netherlands)

14:30 - 14:45 - We now have new tools to assess the nutritional status

Paul Wischmeyer (Aurora , United States)

14:45 - 15:00 - Discussion

15:00 - 15:15 - Impact of enteral nutrition on gastrointestinal function

Sonja Fruhwald (Graz , Austria)

15:15 - 15:30 - Nutritional rehabilitation

Jean-Charles Preiser (Brussels , Belgium)

15:30 - 15:45 - The place of supplemental parenteral nutrition

Paul Wischmeyer (Aurora , United States)

15:45 - 16:00 - Enteral access for long-term feeding

André Van Gossum (Brussels , Belgium)

16:00 - 16:15 - Discussion