



**33<sup>RD</sup> ANNUAL  
CONGRESS**  

---

**6-9 DECEMBER**

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For physicians, nurses, and other  
allied healthcare professionals

 Sunday 6 December

Sun 6 Dec  
14:30 - 15:30

## Opening Session

Thematic Session

Moderator(s) : J. Kesecioglu (Utrecht, Netherlands), M. Cecconi (Milan, Italy), A. Girbes (Amsterdam, Netherlands)

**With Ruth Kleinpell, Pascale Gruber, Jeffrey Lipman & Carole Boulanger**

15:10 **The implicit influence of different languages**  
L. Boroditsky (San Diego, United States of America)

Sun 6 Dec  
15:30 - 16:40

## Scientific Session

Thematic Session

Moderator(s) : J. Kesecioglu (Utrecht, Netherlands), M. Cecconi (Milan, Italy), A. Girbes (Amsterdam, Netherlands)

**What is happening in my ICU during Covid-19; what is different in the second wave?**

M. Mer (Johannesburg, South Africa), H. Bailey (Durham, United States of America), K. Doi (Tokyo, Japan), E. Estenssoro (La Plata, Argentina)

15:50 **Interview with author of big study: Remdesivir**  
J. Beigel (Rockville, United States of America)

16:05 **Interview with author of big study: Recovery**  
K. Baillie (Edinburgh, United Kingdom)

**Round Table Discussion on the impact of Covid-19 on our work, colleagues and ourselves**

S. Myatra (Mumbai, India), J.V. Diaz (Geneva, Switzerland), F.R. Machado (São Paulo, Brazil), E. Terol (Brussels, Belgium)

Mon 7 Dec  
08:45 - 09:00

## What to do today ?

Interview

Moderator(s) : A. Girbes (Amsterdam, Netherlands)

08:45 **What to do today ?**  
A. Girbes (Amsterdam, Netherlands)

Mon 7 Dec  
09:00 - 09:05

## Welcome to the Education Channel

Thematic Session

09:00 **Welcome to the Education Channel**  
F. Duska (Prague, Czech Republic)

Organizer:  
Education

Mon 7 Dec  
09:00 - 09:30

## Data Science

Interactive Session

Moderator(s) : A. Ercole (Cambridge, United Kingdom)

09:00 **Transforming Intensive Care Medicine through Artificial Intelligence and Machine Learning**  
M. van der Schaar (Cambridge, United Kingdom)

### Questions

A. Ercole (Cambridge, United Kingdom), M. van der Schaar (Cambridge, United Kingdom)

Organizer:  
Data Science

Mon 7 Dec  
09:00 - 09:45

## When to start and when to stop RRT

Round Table

Moderator(s) : M. Berger (Lausanne, Switzerland)

### Panel Discussion

M. Berger (Lausanne, Switzerland), L. Forni (Surrey, United Kingdom), E. Terblanche (London, United Kingdom), N. Lumlertgul (London, United Kingdom)

Mon 7 Dec  
09:00 - 09:45

## Innovation in ICU

Thematic Session

Moderator(s) : R. Costa-Pinto (Melbourne, Australia)

09:00 **Virtual Critical Care**  
B. Weiss (Berlin, Germany)

**Q&A**  
R. Costa-Pinto (Melbourne, Australia), B. Weiss (Berlin, Germany)

Organizer:

NEXT

Mon 7 Dec  
09:00 - 10:00

## Update on COVID-19

Interactive Session

Moderator(s) : C. Boulanger (London, United Kingdom), M. Borkowska (Gent, Belgium)

**09:00 Mobilisation and COVID-19; something new?**

D. McWilliams (Birmingham, United Kingdom)

**09:15 Innovation due to COVID-19; online peer support**

C. Jones (London, United Kingdom)

**09:30 Psychological distress after COVID-19; perspective of patients**

P. Julian (London, United Kingdom)

**Wrap-up and questions**

C. Boulanger (London, United Kingdom), M. Borkowska (Gent, Belgium), D. McWilliams (Birmingham, United Kingdom), C. Jones (London, United Kingdom), P. Gibb (Milton Keynes, United Kingdom)

Organizer:

Nurses and Allied Healthcare Professionals

Mon 7 Dec  
09:05 - 09:55

## \* CBF - Septic shock 1

Case-Based Fundamental

Moderator(s) : L. Derde (Utrecht, Netherlands)

Fundamental concepts of intensive care explained by top experts on real cases and MCQ.  
SEATS ARE LIMITED! This session can only host up to 50 participants and is available upon pre-registration!  
SOLD OUT - Of course you can attend and watch this session online but without interactive access then.

### Case Presentation - Initial resuscitation of septic shock

S. De Rosa (Vicenza, Italy)

### Audience work on answers and vote (moderated)

L. Derde (Utrecht, Netherlands)

### Expert feedback and teaching

P. Pova (Lisbon, Portugal)

### Expert feedback and teaching

R. Ferrer Roca (Barcelona, Spain)

### Moderated discussion and wrap-up (take-home messages)

N.D. Nielsen (Albuquerque, United States of America)

#### Technic congress

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Organizer:

Education

Mon 7 Dec  
09:15 - 10:00

## \* Meet the Expert - A chat with Anders Perner

Meet the Expert

Expert(s) : A. Perner (Copenhagen, Denmark)

Do you have a burning question for our profession's leading expert and best-known speaker? Join us for lively interactive debate during this 45-min expert discussion.

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### 09:15 Meet the Expert - A chat with Anders Perner

A. Perner (Copenhagen, Denmark)

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Mon 7 Dec  
09:45 - 10:45

## New technology

Interactive Session

Moderator(s) : P. Elbers (Amsterdam, Netherlands)

09:45 **What is new in Artificial Intelligence for Intensive Care Medicine**

A. Ercole (Cambridge, United Kingdom)

10:00 **Natural language processing and ICU notes**

K. Colpaert (Ghent, Belgium)

10:15 **Crowd-sourcing CPR**

M. Wilson (London, United Kingdom)

**Discussion**

P. Elbers (Amsterdam, Netherlands), A. Ercole (Cambridge, United Kingdom), K. Colpaert (Ghent, Belgium), M. Wilson (London, United Kingdom)

Organizer:

Data Science



Mon 7 Dec  
09:55 - 10:45

## \* CBF - Septic shock 2

Case-Based Fundamental

Moderator(s) : L. Derde (Utrecht, Netherlands)

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### Case Presentation - Selection of abx

S. De Rosa (Vicenza, Italy)

### Audience work on answers and vote (moderated)

L. Derde (Utrecht, Netherlands)

### Expert feedback and teaching

P. Pova (Lisbon, Portugal)

### Expert feedback and teaching

R. Ferrer Roca (Barcelona, Spain)

### Moderated discussion and wrap-up (take-home messages)

N.D. Nielsen (Albuquerque, United States of America)

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Organizer:

Education

Mon 7 Dec  
10:00 - 10:45

## How to review a paper

Interactive Session

Moderator(s) : M. Vargas (Naples, Italy)

10:00 **How to review a paper**  
E. Azoulay (Paris, France)

### Questions

M. Vargas (Naples, Italy), E. Azoulay (Paris, France)

Organizers:

NEXT Research

Mon 7 Dec  
10:00 - 10:45

## Novel ideas to eradicate AKI in the ICU

Round Table

Moderator(s) : M. Ostermann (London, United Kingdom)

### Panel discussion

M. Ostermann (London, United Kingdom), M. Joannidis (Innsbruck, Austria), A. Schneider (Lausanne, Switzerland), M. Meersch (Münster, Germany)

Mon 7 Dec  
10:15 - 11:00

## \* Meet the Expert - A chat with Maurizio Cecconi

Meet the Expert

Expert(s) : M. Cecconi (Rozzano, Italy)

Do you have a burning question for our profession's leading expert and best-known speaker? Join us for lively interactive debate during this 45-min expert discussion.

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### 10:15 Meet the Expert - A chat with Maurizio Cecconi

M. Cecconi (Milan, Italy)

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Mon 7 Dec  
10:15 - 12:00

## \* N&AHP Case-based Fundamentals

Case-Based Fundamental

Moderator(s) : N. Efstathiou (Birmingham, United Kingdom)

Learning the fundamentals from simulation of the real life decision-making made by healthcare professionals in daily ICU practice.  
SEATS ARE LIMITED! This session can only host up to 60 participants and is available upon pre-registration!  
SOLD OUT - Of course you can attend and watch this session online but without interactive access then.

### 10:15 Introduction

N. Efstathiou (Birmingham, United Kingdom)

### 10:25 1. Ethical aspects

R. Gerritsen (Leeuwarden, Netherlands), J. Mellinghoff (London, United Kingdom)

### 2. Mobilisation

D. McWilliams (Birmingham, United Kingdom), M. Borkowska (Gent, Belgium)

### 3. Psychological recovery

C. Jones (London, United Kingdom), P. Julian (London, United Kingdom)

### Wrap-up and questions

N. Efstathiou (Birmingham, United Kingdom), R. Gerritsen (Leeuwarden, Netherlands), D. McWilliams (Birmingham, United Kingdom), C. Jones (London, United Kingdom)

### Conclusions

N. Efstathiou (Birmingham, United Kingdom)

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Organizer:

Nurses and Allied Healthcare Professionals

Mon 7 Dec  
10:45 - 11:35

## \* CBF - Septic shock 3

Case-Based Fundamental

Moderator(s) : L. Derde (Utrecht, Netherlands)

Fundamental concepts of intensive care explained by top experts on real cases and MCQ.  
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### Case Presentation - De-escalation and de-resuscitation

S. De Rosa (Vicenza, Italy)

### Audience work on answers and vote (moderated)

L. Derde (Utrecht, Netherlands)

### Expert feedback and teaching

P. Pova (Lisbon, Portugal)

### Expert feedback and teaching

R. Ferrer Roca (Barcelona, Spain)

### Moderated discussion and wrap-up (take-home messages)

N.D. Nielsen (Albuquerque, United States of America)

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Organizer:

Education

Mon 7 Dec  
11:00 - 11:45

## Does age determine ICU admission in times of limited ICU capacity (as in COVID-19 pandemics)

Round Table

Moderator(s) : C. Hartog (Berlin, Germany)

### Panel discussion

C. Hartog (Berlin, Germany), C.L. Sprung (Jerusalem, Israel), M. Ostermann (London, United Kingdom), A. Michalsen (Konstanz, Germany)

Mon 7 Dec  
11:00 - 11:45

## Outcome dilemma in ICU literature: beyond mortality

Round Table

Moderator(s) : M. Greco (Milano, Italy)

### Panel discussion

M. Greco (Milano, Italy), M. Herridge (Toronto, Canada), C. Hodgson (Melbourne, Australia)

Organizer:

NEXT

Mon 7 Dec  
11:00 - 12:00

## Sharing is caring

Interactive Session

Moderator(s) : P. Elbers (Amsterdam, Netherlands)

11:00 **The Joint Data Science Task Force**  
G. Clermont (Pittsburgh, United States of America)

11:15 **The ESICM vision on data sharing**  
M. Cecconi (Milan, Italy)

11:30 **AmsterdamUMCdb**  
P.J. Thoral (Amsterdam, Netherlands)

### Discussion

P. Elbers (Amsterdam, Netherlands), G. Clermont (Pittsburgh, United States of America), M. Cecconi (Milan, Italy), P.J. Thoral (Amsterdam, Netherlands)

Organizer:

Data Science

Mon 7 Dec  
11:15 - 12:00

## \* Meet the Expert - A chat with Jozef Kesecioglu

Meet the Expert

Expert(s) : J. Kesecioglu (Utrecht, Netherlands)

Do you have a burning question for our profession's leading expert and best-known speaker? Join us for lively interactive debate during this 45-min expert discussion.

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### 11:15 Meet the Expert - A chat with Jozef Kesecioglu

J. Kesecioglu (Utrecht, Netherlands)

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Mon 7 Dec  
11:35 - 11:45

## Funny MCQ contest based on Education content in CBF

Contest

Moderator(s) : L. Derde (Utrecht, Netherlands)

Fundamental concepts of intensive care explained by top experts on real cases and MCQ.

Please download the app Kahoot ! Free registration to one Master Class 2021 for the winner !

### 11:35 Funny MCQ contest based on Education content in CBF

L. Derde (Utrecht, Netherlands)

#### Technic congress

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Organizer:

Education



Mon 7 Dec  
12:00 - 12:15

## Education for all - The story of BASIC

Short Talk

Moderator(s) : P. Gruber (London, United Kingdom)

### 12:00 Education for all - The story of BASIC

C. Gomersall (Shatin, Hong Kong)

#### Discussion

P. Gruber (London, United Kingdom), C. Gomersall (Shatin, Hong Kong)

Organizer:

Education

Mon 7 Dec  
12:00 - 12:20

## My important message about intensive care for young intensivists

Short Talk

Moderator(s) : L. Borgstedt (Munich, Germany)

### 12:00 My important message about intensive care for young intensivists

M. Herridge (Toronto, Canada)

#### Q&A

L. Borgstedt (Munich, Germany), M. Herridge (Toronto, Canada)

Mon 7 Dec  
12:30 - 13:30

## MENTOR Programme Initiation Meeting

Business Meeting

Moderator(s) : S. Schaller (Berlin, Germany), S. De Rosa (Vicenza, Italy), L. Borgstedt (Munich, Germany)

Organizer:

NEXT

Mon 7 Dec  
13:45 - 14:00

## Breaking News from the President & President-Elect

Interview

Moderator(s) : J. Kesecioglu (Utrecht, Netherlands), M. Cecconi (Milan, Italy)

13:45 **Breaking News from the President & President-Elect**

J. Kesecioglu (Utrecht, Netherlands), M. Cecconi (Milan, Italy)

Mon 7 Dec  
13:45 - 14:30

## How to handle the COVID-19 crisis: in the ICU and at national level

Round Table

Moderator(s) : D. De Lange (Utrecht, Netherlands)

**Panel discussion**

D. De Lange (Utrecht, Netherlands), D. Gommers (Rotterdam, Netherlands), G. Meyfroidt (Leuven, Belgium), E. Azoulay (Paris, France)

Mon 7 Dec  
14:00 - 14:45

## Predicting anything in the ICU

Interactive Session

Moderator(s) : J. De Waele (Gent, Belgium)

14:00 **Improving Patient Outcomes by Preventing Clinical Deterioration through AI/ML**  
M. Churpek (Wisconsin Dells, United States of America)

14:15 **Machine learning and respiratory failure**  
C. Hinske (Munich, Germany)

### Discussion

J. De Waele (Gent, Belgium), M. Churpek (Wisconsin Dells, United States of America), C. Hinske (Munich, Germany)

Organizer:  
Data Science

Mon 7 Dec  
14:00 - 14:45

## Respiratory failure: choose your own adventure

Interactive Session

Moderator(s) : M. Pellegrini (Uppsala, Sweden)

14:00 **Respiratory failure: choose your own adventure**  
M. Pellegrini (Uppsala, Sweden), L. Camporota (London, United Kingdom), V. Bennett (London, United Kingdom)

Organizer:  
NEXT

Mon 7 Dec  
14:00 - 14:45

## \* Meet the Expert - A chat with Nicole Juffermans

Meet the Expert

Expert(s) : N. Juffermans (Amsterdam, Netherlands)

Do you have a burning question for our profession's leading expert and best-known speaker? Join us for lively interactive debate during this 45-min expert discussion.

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### 14:00 Meet the Expert - A chat with Nicole Juffermans

N. Juffermans (Amsterdam, Netherlands)

#### Technic congress

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Mon 7 Dec  
14:00 - 14:50

## Meet the Authors 1

Short Talk

Moderator(s) : M. Al-Haddad (Glasgow, United Kingdom), C. Cattlin (London, United Kingdom), J. Preller (Cambridge, United Kingdom)

14:00 **Arrhythmia**  
M. Ali (New Orleans, United States of America)

14:09 **Right ventricular failure**  
P. McCall (Clydebank, United Kingdom)

14:18 **Mechanical ventilation**  
E. Kondili (Heraklion, Greece)

14:27 **Mechanical ventilation in COPD**  
K. Vaporidi (Heraklion, Greece)

14:36 **ARDS**  
H. Roze (Bordeaux, France)

Organizer:  
Education

Mon 7 Dec  
14:00 - 16:15

## N&AHP research & networking: what's new?

Interactive Session

Moderator(s) : M. Van Mol (Rotterdam, Netherlands)

14:00 **Updates on the INACTIC study**  
R. Endacott (Plymouth, United Kingdom)

14:15 **Terminal withdrawal of mechanical ventilation in adult ICUs: Psychological impact to relatives**  
N. Efstathiou (Birmingham, United Kingdom)

14:30 **Difference in ethical approach between nurses and physicians**  
A.S. Debue (Paris, France)

14:45 **Influence of COVID-19 on mental health of ICU professionals**  
M. Van Mol (Rotterdam, Netherlands)

15:00 **Energy, motivation and resilience to enlarge vitality of professionals**  
R. Kleinpell (Nashville, United States of America)

15:15 **Understanding the experience of family members in the critical care environment**  
J. McPeake (Glasgow, United Kingdom)

15:30 **N&AHP Abstract Award 2020: Cross-sectional validity of the Chelsea Critical Care Physical Assessment tool (CPAx) in critically ill adults**  
J. Mellinghoff (London, United Kingdom), M. Van Mol (Rotterdam, Netherlands), S. Grossenbacher-Eggmann (Bern, Switzerland)

15:35 **N&AHP Abstract Award 2020: Impact of a nurse-led family support intervention for families of critically ill persons: A mixed methods study**  
J. Mellinghoff (London, United Kingdom), M. Van Mol (Rotterdam, Netherlands), P. Massarotto (Zürich, Switzerland)

15:40 **N&AHP Abstract Award 2020: The role of the physiotherapy team in a multidisciplinary management of pronation in critically ill COVID-19 patients**  
J. Mellinghoff (London, United Kingdom), M. Van Mol (Rotterdam, Netherlands), S. Ceruti (Lugano, Switzerland)

15:45 **Looking back and forward at N&AHP activities**  
J. Mellinghoff (London, United Kingdom)

### **Networking**

J. Mellinghoff (London, United Kingdom), M. Van Mol (Rotterdam, Netherlands)

Organizer:

Nurses and Allied Healthcare Professionals

Moderator(s) : A. Girbes (Amsterdam, Netherlands)

14:15 **Cross-sectional validity of the Chelsea Critical Care Physical Assessment tool (CPAx) in critically ill adults**

S. Grossenbacher-Eggmann (Bern, Switzerland)S. Eggmann (Bern, Switzerland), M.L. Verra, (Bern, Switzerland), V. Stefanicki, (Nottwil, Switzerland), A. Kindler, (Bern, Switzerland), D. Seyler, (Bern, Switzerland), R. Hilfiker, (Leukerbad, Switzerland), J.C. Schefold, (Bern, Switzerland), C.H. Bastiaenen, (Maastricht, Netherlands), B. Zante, (Bern, Switzerland)

**Thème**

13. Nursing care and physiotherapy > Nursing care and physiotherapy

14:21 **Efficacy and Safety of Imipenem/Cilastatin/Relebactam Versus Piperacillin/Tazobactam in Patients With Hospital-Acquired Bacterial Pneumonia/Ventilator-Associated Bacterial Pneumonia by Geographic Region**

L.F. Chen (Kenilworth, United States of America)M. Losada (Kenilworth, United States of America), J. Du (Kenilworth, United States of America), M. Brown (Kenilworth, United States of America), K. Young (Kenilworth, United States of America), P. Moise (Kenilworth, United States of America), R. Tipping (Kenilworth, United States of America), A. Paschke (Kenilworth, United States of America), J. Butterson (Kenilworth, United States of America)

**Thème**

09. Infections and prevention > Infections and prevention

14:27 **Involvement of  $\beta$ -adrenergic modulation in lymphocyte balance during experimental septic shock**

M. Durand (Nancy, France)B. Levy (Nancy, France), A. Kimmoun (Nancy, France)

**Thème**

10. Sepsis > 10.2. Sepsis experimental studies

## Wrap up

A. Girbes (Amsterdam, Netherlands)

14:34 **Randomized Clinical Trial Comparing Gram Stain-guided Initial Antibiotic Treatment with Guidelines-based Treatment in Patients with Ventilator-associated Pneumonia: GRam stain-guided Antibiotics ChoicE for Ventilator-Associated Pneumonia (GRACE-VAP) Trial**

Y. Jumpei (Osaka, Japan)Y. Kazuma (Osaka, Japan), O. Yoshinori (Hyogo, Japan), N. Kensuke (Hitachi, Japan), H. Hideki (Hitachi, Japan), K. Masahiro (Osaka, Japan), T. Hiroki (Osaka, Japan), Y. Takeshi (Kanagawa, Japan), K. Akira (Hokkaido, Japan), K. Miyamoto (Wakayama, Japan), F. Satoshi (Osaka, Japan), M. Takeshi (Hyogo, Japan)

**Thème**

09. Infections and prevention > Infections and prevention

14:40 **Role of endothelial micro RNA 155 on capillary leakage in systemic inflammation**

V. Etzrodt (Hannover, Germany) T.O. Idowu (Hannover, Germany), H. Schenk, (Hannover, Germany), B. Seeliger, (Hannover, Germany), A. Prasse, (Hannover, Germany), K. Thamm, (Hannover, Germany), T. Pape, (Hannover, Germany), J. Müller-Deile, (Erlangen, Germany), M.M. Van (Groningen, Netherlands), T. Thum, (Hannover, Germany), A. Garg, (Hannover, Germany), R. Geffers, (Braunschweig, Germany), K. Stahl, (Hannover, Germany), H. Haller, (Hannover, Germany), S. David, (Hannover, Germany)

**Thème**

10. Sepsis > 10.2. Sepsis experimental studies

14:46 **Long-term developmental impact of withholding parenteral nutrition in paediatric-ICU: a 4-year follow-up of the PEPaNIC randomized controlled trial**

A. Jacobs (Leuven, Belgium) K. Dulfer (Rotterdam, Netherlands), R. Eveleens (Rotterdam, Netherlands), J. Hordijk (Rotterdam, Netherlands), H. Van Cleemput (Leuven, Belgium), I. Verlinden (Leuven, Belgium), P. Wouters (Leuven, Belgium), L. Mebis (Leuven, Belgium), G. Garcia Guerra (Edmonton, Canada), K. Joosten (Rotterdam, Netherlands), S. Verbruggen, (Rotterdam, Netherlands), F. Güiza (Leuven, Belgium), I. Vanhorebeek (Leuven, Belgium), G. Van den Berghe (Leuven, Belgium)

**Thème**

14. Paediatrics > Paediatrics

**Wrap up**

A. Girbes (Amsterdam, Netherlands)

14:53 **PEEP titration with electrical impedance tomography and pressure-volume curve: a randomized trial in ARDS patients**

H.J. Hsu (New Taipei, Taiwan) H.T. Chang (New Taipei City, Taiwan), D.H.T. Yen (Taipei, Taiwan)

**Thème**

02. Acute respiratory failure and ventilation > 2.1. Acute respiratory failure clinical studies

14:59 **Moderately prolonged permissive hypotension results in reversible cerebral metabolic perturbations evaluated by intracerebral microdialysis**

R.P. Jakobsen (Odense, Denmark) T.H. Nielsen (Odense, Denmark), S. Mölström (Odense, Denmark), C.H. Nordström (Odense, Denmark), P. Toft (Odense, Denmark)

**Thème**

20. Trauma > 20.2. Trauma experimental studies

15:05 **Effects of high flow nasal cannula (HFNC) in patients with sepsis and septic shock of extrapulmonary origin**

M.C. Basile (Milano, Italy) I. Ottaviani (Ferrara, Italy), T. Mauri (Milano, Italy), S. Spadaro (Ferrara, Italy), D.L. Grieco (Roma, Italy), E. Spinelli (Milano, Italy), A. Galazzi (Milano, Italy), G. Grasselli (Milano, Italy), C.A. Volta (Ferrara, Italy), A. Pesenti (Milano, Italy)

**Thème**

02. Acute respiratory failure and ventilation > 2.8. Non-invasive ventilation



Mon 7 Dec  
14:45 - 15:30

## What went wrong with publications on COVID-19

Round Table

Moderator(s) : J. Bakker (Rotterdam, Netherlands)

### Panel discussion

J. Bakker (Rotterdam, Netherlands), G. Citerio (Monza, Italy), J.L. Teboul (Le Kremlin-Bicêtre, France), H.J. de Grooth (Amsterdam, Netherlands)

Mon 7 Dec  
15:00 - 15:45

## \* Meet the Expert - A chat with Christiane Hartog

Meet the Expert

Expert(s) : C. Hartog (Berlin, Germany)

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### 15:00 Meet the Expert - A chat with Christiane Hartog

C. Hartog (Berlin, Germany)

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Mon 7 Dec  
15:00 - 15:45

## Sepsis Immunology: new frontiers for future sepsis perspectives

Whiteboard Lecture

Moderator(s) : C. Santonocito (Catania, Italy)

15:00 **Sepsis Immunology: new frontiers for future sepsis perspectives**

M. Shankar-Hari (London, United Kingdom)

**Q&A**

C. Santonocito (Catania, Italy), M. Shankar-Hari (London, United Kingdom)

Organizer:

NEXT

Mon 7 Dec  
15:00 - 16:00

## Personalising care

Interactive Session

Moderator(s) : M. Komorowski (London, United Kingdom)

15:00 **Opportunities and challenges of data-driven perioperative care**

A. Bihorac (Florida City, United States of America)

15:15 **Machine learning from pressure waves**

S. Park (New York, United States of America)

15:30 **Cerebral autoregulation and personalised care**

M. Aries (Maastricht, Netherlands)

**Discussion**

M. Komorowski (London, United Kingdom), A. Bihorac (Florida City, United States of America), S. Park (New York, United States of America), M. Aries (Maastricht, Netherlands)

Organizer:

Data Science

Mon 7 Dec  
15:05 - 15:25

## EDIC behind the scenes

Round Table

Moderator(s) : L. Hein (Copenhagen, Denmark), J.L. Noel (Lausanne, Switzerland)

### Panel discussion

F. Weidanz (Edinburgh, United Kingdom), L. Hein (Copenhagen, Denmark), P. Waldauf (Prague, Czech Republic), J.L. Noel (Lausanne, Switzerland), P.R. Tuinman (Amsterdam, Netherlands)

Organizer:

Education

Mon 7 Dec  
15:30 - 16:00

## Daily briefing from the Social Media Team

Interview

Moderator(s) : A. Wong (London, United Kingdom), O.O. Olusanya (London, United Kingdom)

You've heard the talks. You've listened to the experts. So what now? Segun and Adrian discuss their thoughts and ideas with invited guests. Join in and share your thoughts, questions and ideas. Education is about having a conversation and discussion.

15:30 **Daily briefing from the Social Media Team**

A. Wong (London, United Kingdom), O.O. Olusanya (London, United Kingdom)

Mon 7 Dec  
15:40 - 16:00

## How to take reasonable risk? Swedish public health response to the pandemic

Short Talk

Moderator(s) : L. De Bus (Gent, Belgium)

15:40 **How to take reasonable risk? Swedish public health response to the pandemic**  
A. Tegnell (Solna, Sweden)

### Q&A

L. De Bus (Gent, Belgium), A. Tegnell (Solna, Sweden)

Organizer:

Education

Mon 7 Dec  
15:45 - 16:30

## Important issues to take into account in antibiotics prescription

Round Table

Moderator(s) : P. Povoá (Lisbon, Portugal)

### Panel discussion

P. Povoá (Lisbon, Portugal), M. Leone (Marseille, France), R. Ferrer Roca (Barcelona, Spain), A. Conway Morris (Cambridge, United Kingdom)

Mon 7 Dec  
16:00 - 16:15

## How to avoid failed functional outcomes

Short Talk

Moderator(s) : S. Schaller (Berlin, Germany)

16:00 **How to avoid failed functional outcomes**

M. Herridge (Toronto, Canada)

**Q&A**

S. Schaller (Berlin, Germany), M. Herridge (Toronto, Canada)

Organizer:

Education

Mon 7 Dec  
16:00 - 16:20

## Recognising human factors

Short Talk

Moderator(s) : L. Borgstedt (Munich, Germany)

16:00 **Recognising human factors**

C. Frerk (Northampton, United Kingdom)

**Q&A**

L. Borgstedt (Munich, Germany), C. Frerk (Northampton, United Kingdom)

Organizer:

NEXT

Mon 7 Dec  
16:00 - 16:45

## \* Meet the Expert - A chat with Flavia Machado

Meet the Expert

Expert(s) : F.R. Machado (São Paulo, Brazil)

Do you have a burning question for our profession's leading expert and best-known speaker? Join us for lively interactive debate during this 45-min expert discussion.

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### 16:00 Meet the Expert - A chat with Flavia Machado

F.R. Machado (São Paulo, Brazil)

#### Technic congress

ZOOM

Accès limité à 20 personnes

#### ZOOM

Cas1

#### VOTE ZOOM

OUI

Mon 7 Dec  
16:30 - 17:00

## Become the best intensivist you can be: embracing technology for the marginal gains

Interactive Session

Moderator(s) : A. Wong (London, United Kingdom), S. Kudchadkar (Maryland, United States of America)

With the sheer weight of information and knowledge available in modern healthcare, it has become challenging (near impossible) to keep up with the latest developments. The use of technology has revolutionised the way we live, communicate and learn. In this session we highlight practical steps, illustrated with real life examples, on how to maximise technology in becoming the best intensivist you can be.

### 16:30 How to encourage and convince people to use social media

A. Sarwal (Winston-Salem, United States of America)

### 16:40 How social media facilitates collaboration in the clinical setting

A. Kwizera (Kampala, Uganda)

### Questions & Discussion

A. Wong (London, United Kingdom), S. Kudchadkar (Maryland, United States of America), A. Sarwal (Winston-Salem, United States of America), A. Kwizera (Kampala, Uganda)

Organizer:

Education

Mon 7 Dec  
16:35 - 16:55

## Imposter syndrome: real or not?

Short Talk

Moderator(s) : L. Borgstedt (Munich, Germany)

### 16:35 Imposter syndrome: real or not?

K. Prior (London, United Kingdom)

### Q&A

L. Borgstedt (Munich, Germany), K. Prior (London, United Kingdom)

Organizer:

NEXT

Mon 7 Dec  
17:00 - 17:30

## Daily Highlights. The DSA interviews...

Interview

Moderator(s) : A. Girbes (Amsterdam, Netherlands)

### **Metabolism, Endocrinology & Nutrition**

M. Berger (Lausanne, Switzerland)

### **Acute Respiratory Failure**

J. Mancebo (Barcelona, Spain)

### **Perioperative Intensive Care**

I. Jammer (Bergen, Norway)

### **Health Services Research & Outcome**

D. De Lange (Utrecht, Netherlands)

Mon 7 Dec  
17:45 - 18:15

## Statler & Waldorf Comments from Past-Presidents

Interview

Expert(s) : J.L. Vincent (Brussels, Belgium), J. Takala (Bern, Switzerland)

Moderator(s) : A. Girbes (Amsterdam, Netherlands)

17:45

### **Statler & Waldorf Comments from Past-Presidents**

A. Girbes (Amsterdam, Netherlands), J.L. Vincent (Brussels, Belgium), J. Takala (Bern, Switzerland)



Tue 8 Dec  
08:45 - 09:00

## What to do today?

Interview

Moderator(s) : A. Girbes (Amsterdam, Netherlands)

08:45 **What to do today?**  
A. Girbes (Amsterdam, Netherlands)

Tue 8 Dec  
09:00 - 09:20

## Meet the Authors 2

Short Talk

Moderator(s) : M. Al-Haddad (Glasgow, United Kingdom), C. Cattlin (London, United Kingdom), J. Preller (Cambridge, United Kingdom)

09:00 **TBI**  
B. Romima (Santa Fe, Argentina)

09:09 **RRT**  
M. van Dam (Utrecht, Netherlands)

Organizer:

Education

**Tue 8 Dec**  
09:00 - 09:45

## Potential of big data in sepsis session

Interactive Session

Moderator(s) : A. Conway Morris (Cambridge, United Kingdom)

**09:00**    **Optimising antibiotic dosing with data**  
P. Elbers (Amsterdam, Netherlands)

**09:15**    **Role of data science in automated antibiotic stewardship**  
J. De Waele (Gent, Belgium)

### Discussion

A. Conway Morris (Cambridge, United Kingdom), P. Elbers (Amsterdam, Netherlands), J. De Waele (Gent, Belgium)

Organizer:  
Data Science

**Tue 8 Dec**  
09:00 - 09:45

## The new normal after the pandemic

Round Table

Moderator(s) : A. Feldheiser (Essen, Germany)

### Panel Discussion

A. Feldheiser (Essen, Germany), I. Jammer (Bergen, Norway), M. Cecconi (Milan, Italy), L. Prisco (Oxford, United Kingdom)

Tue 8 Dec  
09:00 - 09:45

## Different views on limiting care and dying in the ICU

Round Table

Moderator(s) : S. Schaller (Berlin, Germany)

### Panel discussion

S. Schaller (Berlin, Germany), S. Einav (Jerusalem, Israel), R. Francis (Berlin, Germany), E. Azoulay (Paris, France)

Organizer:

NEXT

Tue 8 Dec  
09:00 - 10:15

## Dare to care 1

Interactive Session

Moderator(s) : D. McWilliams (Birmingham, United Kingdom)

- To provide state of the art knowledge on key topics in N&AHP science

**09:00 Proning in non-intubated patients?**

W. Stilma (Amsterdam, Netherlands)

**09:15 Measuring sleep; be quite!**

J. Darbyshire (Oxford, United Kingdom)

**09:30 Delirium: sadness with a smile?**

M. van den Boogaard (Nijmegen, Netherlands)

**09:45 Rehabilitation for ICU survivors and their caregivers: outpatient innovation**

J. McPeake (Glasgow, United Kingdom)

**Wrap-up and questions**

D. McWilliams (Birmingham, United Kingdom), W. Stilma (Amsterdam, Netherlands), J. Darbyshire (Oxford, United Kingdom), M. van den Boogaard (Nijmegen, Netherlands), J. McPeake (Glasgow, United Kingdom)

Organizer:

Nurses and Allied Healthcare Professionals

Tue 8 Dec  
09:30 - 10:15

## \* Meet the Expert - A chat with Antoine Vieillard-Baron

Meet the Expert

Expert(s) : A. Vieillard-Baron (Boulogne-Billancourt, France)

Do you have a burning question for our profession's leading expert and best-known speaker? Join us for lively interactive debate during this 45-min expert discussion.

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09:30 **Meet the Expert - A chat with Antoine Vieillard-Baron**

A. Vieillard-Baron (Boulogne-Billancourt, France)

### Technic congress

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### ZOOM

Cas1

### VOTE ZOOM

OUI

Tue 8 Dec  
09:35 - 10:15

## \* CBF - Traumatic Brain Injury 1

Case-Based Fundamental

Moderator(s) : F. Weidanz (Edinburgh, United Kingdom)

Fundamental concepts of intensive care explained by top experts on real cases and MCQ.  
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### Case Presentation - Severe blunt TBI, basics of initial management

V. Newcombe (Cambridge, United Kingdom)

### Audience work on answers and vote (moderated)

F. Weidanz (Edinburgh, United Kingdom)

### Expert feedback and teaching

G. Citerio (Monza, Italy)

### Expert feedback and teaching

G. Meyfroidt (Leuven, Belgium)

### Moderated discussion and wrap-up (take-home messages)

S. Hamada (Paris, France)

#### Technic congress

ZOOM

#### ZOOM

Cas2

#### VOTE ZOOM

OUI

Organizer:

Education

Tue 8 Dec  
10:00 - 10:30

## Case reviewed: Hemophagocytic Lymphohistiocytosis (HLH)

Case-Based Fundamental

Moderator(s) : B. Halacli (Ankara, Turkey)

10:00 **Case reviewed: Hemophagocytic Lymphohistiocytosis (HLH)**

P. La Rosée (Villingen-Schwenningen, Germany)

**Q&A**

B. Halacli (Ankara, Turkey), P. La Rosée (Villingen-Schwenningen, Germany)

Organizer:

NEXT

Tue 8 Dec  
10:00 - 10:45

## Mortality risk factors in severe COVID-19 pneumonia

Round Table

Moderator(s) : M. Leone (Marseille, France)

**Panel discussion**

M. Leone (Marseille, France), N. Juffermans (Amsterdam, Netherlands), L. Derde (Utrecht, Netherlands), M. Girardis (Modena, Italy)

Tue 8 Dec  
10:00 - 12:00

## \* Do it yourself: Data Science for Intensive Care Medicine

Demonstration

Moderator(s) : P. Elbers (Amsterdam, Netherlands)

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- To discover and share insights about large, rich and complex data sets
- To find new ways to answer actual clinical questions using large datasets of electronic health records
- To interact with professionals who put themselves to the test and cooperate with specialists of different fields
- To learn more about how medical data, machine learning and predictive modelling has the potential to provide new insights and improve patient care

### 10:00 How do I learn real data science for real data?

A. Ercole (Cambridge, United Kingdom)

### 10:30 Python for artificial intelligence and the space age

A. Ercole (Cambridge, United Kingdom)

### 11:10 How to do ANYTHING with data using R

H.J. de Grooth (Amsterdam, Netherlands)

### 11:50 Where do I go from here

P. Elbers (Amsterdam, Netherlands), A. Ercole (Cambridge, United Kingdom), H.J. de Grooth (Amsterdam, Netherlands)

#### Technic congress

ZOOM

#### ZOOM

Cas1

#### VOTE ZOOM

NO

Organizer:

Data Science



Tue 8 Dec  
10:15 - 11:05

## \* CBF - Traumatic Brain Injury 2

Case-Based Fundamental

Moderator(s) : F. Weidanz (Edinburgh, United Kingdom)

Fundamental concepts of intensive care explained by top experts on real cases and MCQ.  
SEATS ARE LIMITED! This session can only host up to 50 participants and is available upon pre-registration!  
SOLD OUT - Of course you can attend and watch this session online but without interactive access then.

### Case Presentation - Secont-tier and rescue treatments

V. Newcombe (Cambridge, United Kingdom)

### Audience work on answers and vote (moderated)

F. Weidanz (Edinburgh, United Kingdom)

### Expert feedback and teaching

G. Citerio (Monza, Italy)

### Expert feedback and teaching

G. Meyfroidt (Leuven, Belgium)

### Moderated discussion and wrap-up (take-home messages)

S. Hamada (Paris, France)

#### Technic congress

ZOOM

#### ZOOM

Cas2

#### VOTE ZOOM

OUI

Organizer:

Education

Tue 8 Dec  
10:30 - 11:15

## \* Meet the Expert - A chat with Carole Boulanger

Meet the Expert

Speaker : C. Boulanger (London, United Kingdom)

Do you have a burning question for our profession's leading expert and best-known speaker? Join us for lively interactive debate during this 45-min expert discussion.

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### 10:30 Meet the Expert - A chat with Carole Boulanger

C. Boulanger (London, United Kingdom)

#### Technic congress

ZOOM

Accès limité à 20 personnes

#### ZOOM

Cas1

#### VOTE ZOOM

OUI

Tue 8 Dec  
10:45 - 11:15

## Case reviewed: oncology and perioperative ICM

Case-Based Fundamental

Moderator(s) : B. Halacli (Ankara, Turkey)

### 10:45 Case reviewed: oncology and perioperative ICM

P. Gruber (London, United Kingdom)

#### Q&A

B. Halacli (Ankara, Turkey), P. Gruber (London, United Kingdom)

Organizer:

NEXT

Tue 8 Dec  
10:45 - 11:45

## Dare to care 2

Interactive Session

Moderator(s) : K. Iliopoulou (London, United Kingdom), M. Van Mol (Rotterdam, Netherlands)

10:45 **Attention to detail: nurses' role in ensuring successful discharge**  
M. Borkowska (Gent, Belgium)

11:00 **Let the music play, what is the evidence?**  
J. Latour (Plymouth, United Kingdom)

11:15 **Relatives' presence comforts patients: rooming-in in the adult ICU**  
C. Boulanger (London, United Kingdom)

### Wrap-up and questions

K. Iliopoulou (London, United Kingdom), M. Van Mol (Rotterdam, Netherlands), C. Boulanger (London, United Kingdom), M. Borkowska (Gent, Belgium), J. Latour (Plymouth, United Kingdom)

Organizer:

Nurses and Allied Healthcare Professionals

Tue 8 Dec  
11:00 - 11:45

## COVID-19 associated respiratory failure: what have we learned?

Round Table

Moderator(s) : L. Camporota (London, United Kingdom)

### Panel discussion

L. Camporota (London, United Kingdom), L. Gattinoni (Göttingen, Germany), J. Mancebo (Barcelona, Spain), M. Ackermann (Mainz, Germany)

Tue 8 Dec  
11:05 - 12:05

## \* CBF - Traumatic Brain Injury 3

Case-Based Fundamental

Moderator(s) : F. Weidanz (Edinburgh, United Kingdom)

Fundamental concepts of intensive care explained by top experts on real cases and MCQ.  
SEATS ARE LIMITED! This session can only host up to 50 participants and is available upon pre-registration!  
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### Case Presentation - Prognostication, patients' values and setting goals of treatment facing uncertain outcomes

V. Newcombe (Cambridge, United Kingdom)

### Audience work on answers and vote (moderated)

F. Weidanz (Edinburgh, United Kingdom)

### Expert feedback and teaching

G. Citerio (Monza, Italy)

### Expert feedback and teaching

G. Meyfroidt (Leuven, Belgium)

### Moderated discussion and wrap-up (take-home messages)

S. Hamada (Paris, France)

#### Technic congress

ZOOM

#### ZOOM

Cas2

#### VOTE ZOOM

OUI

Organizer:

Education

Tue 8 Dec  
11:30 - 12:15

## \* Meet the Expert - A chat with Kirsten Colpaert

Meet the Expert

Expert(s) : K. Colpaert (Ghent, Belgium)

Do you have a burning question for our profession's leading expert and best-known speaker? Join us for lively interactive debate during this 45-min expert discussion.

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### 11:30 Meet the Expert - A chat with Kirsten Colpaert

K. Colpaert (Ghent, Belgium)

#### Technic congress

ZOOM

Accès limité à 20 personnes

#### ZOOM

Cas1

#### VOTE ZOOM

OUI

Tue 8 Dec  
11:30 - 12:15

## \* Journal Club

Round Table

Speakers : S. Einav (Jerusalem, Israel), H. Bauchner (Boston, United States of America), M. Ostermann (London, United Kingdom)  
Moderator(s) : B. Lobo Valbuena (Madrid, Spain), G. De Pascale (Rome, Italy), P. Abraham (Lyon, France)

SEATS ARE LIMITED! This session can only host up to 24 participants (members and non-members in training) and is available upon pre-registration!

SOLD OUT - Of course you can attend and watch this session online but without interactive access then.

In-depth group discussion of selected scientific papers with internationally renowned experts in the field:

- Clinical characteristics and day-90 outcomes of 4244 critically ill adults with COVID-19: a prospective cohort study
- Timing of Initiation of Renal-Replacement Therapy in Acute Kidney Injury

### 11:30 Introduction

G. De Pascale (Rome, Italy), H. Bauchner (Boston, United States of America), B. Lobo Valbuena (Madrid, Spain), S. Einav (Jerusalem, Israel), P. Abraham (Lyon, France), M. Ostermann (London, United Kingdom)

### 11:33 Discussion on "Clinical characteristics and day-90 outcomes of 4244 critically ill adults with COVID-19: a prospective cohort study"

G. De Pascale (Rome, Italy), H. Bauchner (Boston, United States of America)

### 11:47 Discussion on "?"

B. Lobo Valbuena (Madrid, Spain), S. Einav (Jerusalem, Israel)

### 12:01 Discussion on "Timing of Initiation of Renal-Replacement Therapy in Acute Kidney Injury"

P. Abraham (Lyon, France), M. Ostermann (London, United Kingdom)

#### Technic congress

ZOOM

#### ZOOM

Cas3

#### VOTE ZOOM

OUI

Organizer:

NEXT

Tue 8 Dec  
12:05 - 12:15

## Light-hearted MCQ contest based on education content in CBF

Contest

Moderator(s) : F. Weidanz (Edinburgh, United Kingdom)

Fundamental concepts of intensive care explained by top experts on real cases and MCQ.  
Please download the app Kahoot ! Free registration to one Master Class 2021 for the winner !

12:05 **Light-hearted MCQ contest based on education content in CBF**  
F. Weidanz (Edinburgh, United Kingdom)

Technic congress

ZOOM

Organizer:

Education

Tue 8 Dec  
13:45 - 14:00

## Breaking News from the President & President-Elect

Interview

Moderator(s) : J. Kesecioglu (Utrecht, Netherlands), M. Cecconi (Milan, Italy)

13:45 **Breaking News from the President & President-Elect**  
J. Kesecioglu (Utrecht, Netherlands), M. Cecconi (Milan, Italy)

Tue 8 Dec  
13:45 - 14:30

## What is data science?

Round Table

Moderator(s) : A. Ercole (Cambridge, United Kingdom)

### Panel discussion

A. Ercole (Cambridge, United Kingdom), P. Elbers (Amsterdam, Netherlands), K. Colpaert (Ghent, Belgium), L. Fleuren (Amsterdam, Netherlands)

Tue 8 Dec  
14:00 - 14:45

## \* Case-simulation: managing an on-call from home

Interactive Session

Moderator(s) : G. Karlis (Marousi, Greece)

How would it be if you are on on-call duty at home and your resident calls you about a patient? Will you able to help him and the deteriorating patient? SEATS ARE LIMITED! This session can only host up to 50 participants (members and non-members in training) and is available upon pre-registration!

### 14:00 Case-simulation: managing an on call from home

G. Karlis (Marousi, Greece), B. Weiss (Berlin, Germany)

#### Technic congress

ZOOM

#### ZOOM

Cas1

#### VOTE ZOOM

OUI

Organizer:

NEXT

Tue 8 Dec  
14:00 - 14:45

## \* Meet the Expert - A chat with Greet Van den Berghe

Meet the Expert

Expert(s) : G. Van den Berghe (Leuven, Belgium)

Do you have a burning question for our profession's leading expert and best-known speaker? Join us for lively interactive debate during this 45-min expert discussion.

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### 14:00 Meet the Expert - A chat with Greet Van den Berghe

G. Van den Berghe (Leuven, Belgium)

#### Technic congress

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#### VOTE ZOOM

OUI



Tue 8 Dec  
14:00 - 14:50

## \* CBF - Major GI Bleed 1

Case-Based Fundamental

Moderator(s) : P. Gruber (London, United Kingdom)

Fundamental concepts of intensive care explained by top experts on real cases and MCQ.  
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### Case Presentation - Severe GI bleed initial stabilization

B. Lobo Valbuena (Madrid, Spain)

### Audience work on answers and vote (moderated)

P. Gruber (London, United Kingdom)

### Expert feedback and teaching

M. Berger (Lausanne, Switzerland)

### Expert feedback and teaching

J. Wendon (London, United Kingdom)

### Moderated discussion and wrap-up (take-home messages)

C. Sitzwohl (Vienna, Austria)

#### Technic congress

ZOOM

#### ZOOM

Cas2

#### VOTE ZOOM

OUI

Organizer:

Education

Tue 8 Dec  
14:00 - 15:00

## Basic science to big picture

Interactive Session

Moderator(s) : J. Decruyenaere (Ghent, Belgium)

14:00 **From molecules to epidemiology**

L. Derde (Utrecht, Netherlands)

14:15 **ARDS phenotypes from data clusters**

O. Cremer (Utrecht, Netherlands)

14:30 **Beyond Berlin- classifying ARDS**

C. Summers (Cambridge, United Kingdom)

**Discussion**

C. Summers (Cambridge, United Kingdom), L. Derde (Utrecht, Netherlands), O. Cremer (Utrecht, Netherlands)

Organizer:

Data Science

Tue 8 Dec  
14:00 - 15:00

## Ethical issues: doing it right or not

Interactive Session

Moderator(s) : J. Benbenishty (Jerusalem, Israel), J. Mellinghoff (London, United Kingdom)

14:00 **When is your research a waste?**

S. Labeau (Ghent, Belgium)

14:15 **Publication bias or spinning the message**

E. Azoulay (Paris, France)

14:30 **Can qualitative research play a role in answering ethical questions in intensive care?**

K. Iliopoulou (London, United Kingdom)

### Wrap-up and questions

S. Labeau (Ghent, Belgium), E. Azoulay (Paris, France), K. Iliopoulou (London, United Kingdom), J. Benbenishty (Jerusalem, Israel), J. Mellinghoff (London, United Kingdom)

Organizer:

Nurses and Allied Healthcare Professionals

Tue 8 Dec  
14:15 - 15:15

## Best Oral Presentations 2

Abstract

Moderator(s) : J. De Waele (Gent, Belgium)

14:15 **Evidence of Heart Decoupling Between Work, Metabolism and Microcirculation in Endotoxic Shock : [11C] Acetate PET Approach**

N. Visinoni (Saint-Denis, France)A. Mansart, (Versailles, France), G. Pottier, (Orsay, France), P. Merlet, (Paris, France), D. Annane (Garches, France), D. Silva (Saint-Denis, France), J. aboab (Saint-Denis, France)

### Thème

10. Sepsis > 10.2. Sepsis experimental studies

14:21 **Biological subphenotypes of acute respiratory distress syndrome show prognostic enrichment in the general ICU population**

N. Heijnen (Maastricht, Netherlands)L. Hagens (Amsterdam, Netherlands), M. Smit (Amsterdam, Netherlands), O. Cremer (Utrecht, Netherlands), D. Ong (Rotterdam, Netherlands), T. van der Poll (Amsterdam, Netherlands), B. Scicluna (Amsterdam, Netherlands), R. Schnabel (Maastricht, Netherlands), I. Van der Horst (Maastricht, Netherlands), M. Schultz (Amsterdam, Netherlands), D. Bergmans (Maastricht, Netherlands), L. Bos (Amsterdam, Netherlands)

**Thème**

02. Acute respiratory failure and ventilation > 2.1. Acute respiratory failure clinical studies

14:27 **Circulating bioactive adrenomedullin as a marker of sepsis, septic shock and critical illness**

O.H.M. Lundberg (Malmö, Sweden)M. Lengquist (Lund, Sweden), M. Spångfors, (Kristianstad, Sweden), M. Annborn, (Helsingborg, Sweden), D. Bergmann (Hennigsdorf, Germany), J. Schulte, (Hennigsdorf, Germany), H. Levin (Lund, Sweden), O. Melander, (Malmö, Sweden), A. Frigyesi, (Lund, Sweden), H. Friberg, (Malmö, Sweden)

**Thème**

10. Sepsis > 10.3. Sepsis monitoring

**Wrap up**

J. De Waele (Gent, Belgium)

14:34 **Dysphagia and evolution during COVID-19 pandemic in critically ill patients. A multidisciplinary challenge for healthcare workers**

A. Glotta (Lugano, Switzerland)A. Galli, (Lugano, Switzerland), M. Biggiogero (Lugano, Switzerland), G. Tinessa, (Lugano, Switzerland), C. Moro, (Lugano, Switzerland), R. Mauri, (Lugano, Switzerland), S. Ceruti (Lugano, Switzerland)

**Thème**

13. Nursing care and physiotherapy > Nursing care and physiotherapy

14:40 **The use of high flow nasal cannula oxygen around end of life: indications, complications, outcomes**

V. Metaxa (London, United Kingdom)S. Jones (London, United Kingdom), L. Rose (London, United Kingdom), S. Bajwah (London, United Kingdom), N. Trenchard-Turner (London, United Kingdom), A. Rabbie (London, United Kingdom), A. Hassan (London, United Kingdom)

**Thème**

21. Ethics > 21.1. Ethics and end of life care

14:46 **Relationship between obesity and ventilator-associated pneumonia: a planned ancillary study of the NUTRIREA-2 randomized controlled trial**

S. Nseir (Lille, France)A. Le Gouge (Tours, France), O. Pouly (Lille, France), J. Reignier (Nantes, France)

**Thème**

09. Infections and prevention > Infections and prevention

**Wrap up**

J. De Waele (Gent, Belgium)

**14:53** **Incidence and risk factors of deep vein thrombosis after extracorporeal membrane oxygenation**  
O. van Minnen (Groningen, Netherlands)W.M. van den Bergh (Groningen, Netherlands), J. Droogh (Groningen, Netherlands), L. Koehorst (Amsterdam, Netherlands), W.K. Lagrand (Amsterdam, Netherlands), A. Oude Lansink-Hartgring (Groningen, Netherlands), A. Terpstra (Amsterdam, Netherlands), J.M. Smit (Amsterdam, Netherlands), P.R. Tuinman (Amsterdam, Netherlands), A.P.J. Vlaar (Amsterdam, Netherlands)

**Thème**

05. Cardiovascular issues in ICU > 5.1. Cardiovascular clinical studies

**14:59** **Vasoactive effects of vanilloids in progressive peritoneal sepsis**  
J. Horak (Plzen, Czech Republic)L. Nalos (Plzen, Czech Republic), V. Tegl (Plzeň, Czechia, Czech Republic), M. Peltanová (Plzeň, Czechia, Czech Republic), J. Beneš (Plzeň, Czechia, Czech Republic), M. Matejovic (Pilsen, Czech Republic)

**Thème**

10. Sepsis > 10.2. Sepsis experimental studies

**15:05** **Validation of a novel non-invasive continuous method to monitor end expiratory lung volume based on CO2 kinetics**  
J.A. Sanchez Giralt (Madrid, Spain)B. Abad Santamaría (Madrid, Spain), M. Wallin (Solna, Sweden), M. Hallbäck (Solna, Sweden), M. Trigueros Genao (Madrid, Spain), J. Lázaro Gonzalez (Madrid, Spain), B. Muñoz Molina (Madrid, Spain), G. Tusman (Mar del Plata, Argentina), F. Suarez Sipmann (Madrid, Spain)

**Thème**

02. Acute respiratory failure and ventilation > 2.7. Mechanical ventilation monitoring

**Tue 8 Dec**  
**14:45 - 15:30**

## **Worldwide intensive care challenges before and after Covid-19**

Round Table

Moderator(s) : J. Kesecioglu (Utrecht, Netherlands)

### **Panel discussion**

J. Kesecioglu (Utrecht, Netherlands), M. Cecconi (Milan, Italy), L. Kaplan (Philadelphia, United States of America), G. Martin (Atlanta, United States of America)

Tue 8 Dec  
14:50 - 15:40

## \* CBF - Major GI Bleed 2

Case-Based Fundamental

Moderator(s) : P. Gruber (London, United Kingdom)

Fundamental concepts of intensive care explained by top experts on real cases and MCQ.  
SEATS ARE LIMITED! This session can only host up to 50 participants and is available upon pre-registration!  
SOLD OUT - Of course you can attend and watch this session online but without interactive access then.

### Case Presentation - Managing Acute-on-chronic liver failure

B. Lobo Valbuena (Madrid, Spain)

### Audience work on answers and vote (moderated)

P. Gruber (London, United Kingdom)

### Expert feedback and teaching

M. Berger (Lausanne, Switzerland)

### Expert feedback and teaching

J. Wendon (London, United Kingdom)

### Moderated discussion and wrap-up (take-home messages)

C. Sitzwohl (Vienna, Austria)

#### Technic congress

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Organizer:

Education

Tue 8 Dec  
15:00 - 15:45

## \* Meet the Expert - A chat with Antonio Pesenti

Meet the Expert

Expert(s) : A. Pesenti (Milano , Italy)

Do you have a burning question for our profession's leading expert and best-known speaker? Join us for lively interactive debate during this 45-min expert discussion.

SEATS ARE LIMITED! This session can only host up to 20 participants and is available upon pre-registration!

SOLD OUT - Of course you can attend and watch this session online but without interactive access then.

15:00 **Meet the Expert - A chat with Antonio Pesenti**  
A. Pesenti (Milan, Italy)

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Tue 8 Dec  
15:00 - 15:45

## Sepsis, specific challenges in low income countries

Round Table

Moderator(s) : M. Martinez Martinez (Barcelona, Spain)

### Panel Discussion

M. Martinez Martinez (Barcelona, Spain), F.R. Machado (São Paulo, Brazil), G. Hernandez (Santiago, Chile)

Organizer:

NEXT

**Tue 8 Dec**  
**15:15 - 16:15**

## **Making data work for you**

Interactive Session

Moderator(s) : C. Hinske (Munich, Germany)

**15:15**    **How big data will improve management of septic shock**

M. Komorowski (London, United Kingdom)

**15:30**    **Data standardisation in the ICU**

N. de Keizer (Amsterdam, Netherlands)

**15:45**    **Vision from the SCCM**

L. Kaplan (Philadelphia, United States of America)

**Discussion**

C. Hinske (Munich, Germany), L. Kaplan (Philadelphia, United States of America), M. Komorowski (London, United Kingdom), N. de Keizer (Amsterdam, Netherlands)

Organizer:

Data Science



Tue 8 Dec  
15:15 - 17:00

## \* Workshop: Scientific writing - A beginner's guide

Workshop

Moderator(s) : M. van den Boogaard (Nijmegen, Netherlands)

- Introduction in scientific writing: a beginner's workshop
- SEATS ARE LIMITED! This session can only host up to 50 participants and is available upon pre-registration!
- SOLD OUT - Of course you can attend and watch this session online but without interactive access then.

### 15:15 Basics in scientific writing - Do's and don'ts in publishing your research

J. Latour (Plymouth, United Kingdom)

#### Discussion

M. van den Boogaard (Nijmegen, Netherlands), J. Latour (Plymouth, United Kingdom)

#### Technic congress

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Tue 8 Dec  
15:30 - 16:00

## Daily briefing from the Social Media Team

Interview

Moderator(s) : A. Wong (London, United Kingdom), O.O. Olusanya (London, United Kingdom)

You've heard the talks. You've listened to the experts. So what now? Segun and Adrian discuss their thoughts and ideas with invited guests. Join in and share your thoughts, questions and ideas. Education is about having a conversation and discussion.

### 15:30 Daily briefing from the Social Media Team

A. Wong (London, United Kingdom), O.O. Olusanya (London, United Kingdom)

Tue 8 Dec  
15:40 - 16:30

## \* CBF - Major GI Bleed 3

Case-Based Fundamental

Moderator(s) : P. Gruber (London, United Kingdom)

Fundamental concepts of intensive care explained by top experts on real cases and MCQ.  
SEATS ARE LIMITED! This session can only host up to 50 participants and is available upon pre-registration!  
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### Case Presentation - What next? Rehabilitation, nutrition and long term goals

B. Lobo Valbuena (Madrid, Spain)

### Audience work on answers and vote (moderated)

P. Gruber (London, United Kingdom)

### Expert feedback and teaching

M. Berger (Lausanne, Switzerland)

### Expert feedback and teaching

J. Wendon (London, United Kingdom)

### Moderated discussion and wrap-up (take-home messages)

C. Sitzwohl (Vienna, Austria)

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Organizer:

Education

Tue 8 Dec  
15:45 - 16:30

## Working during the pandemics - What happened to us, nurses and physicians?

Round Table

Moderator(s) : J. Mellinghoff (London, United Kingdom)

### Panel discussion

J. Mellinghoff (London, United Kingdom), R. Gerritsen (Leeuwarden, Netherlands), C. Boulanger (London, United Kingdom), A. Mekontso Dessap (Crétell, France)

Tue 8 Dec  
16:00 - 16:20

## Triage in the COVID-19 pandemic

Interactive Session

Moderator(s) : L. Galarza Barrachina (Castellón de la Plana, Spain)

### 16:00 Triage in the COVID-19 pandemic

R. Ferrer Roca (Barcelona, Spain)

### Questions

L. Galarza Barrachina (Castellón de la Plana, Spain), R. Ferrer Roca (Barcelona, Spain)

Organizer:

NEXT

Tue 8 Dec  
16:00 - 16:45

## \* Meet the Expert - A chat with Heatherlee Bailey

Meet the Expert

Expert(s) : H. Bailey (Durham, United States of America)

Do you have a burning question for our profession's leading expert and best-known speaker? Join us for lively interactive debate during this 45-min expert discussion.

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SOLD OUT - Of course you can attend and watch this session online but without interactive access then.

### 16:00 Meet the Expert - A chat with Heatherlee Bailey

H. Bailey (Durham, United States of America)

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Tue 8 Dec  
16:30 - 16:50

## NEXT & DPD - Critical Care Cup !

Contest

Moderator(s) : F. Duska (Prague, Czech Republic), V. Bennett (London, United Kingdom), L. Galarza Barrachina (Castellón de la Plana, Spain), S. De Rosa (Vicenza, Italy)

Fundamental concepts of intensive care explained by top experts on real cases and MCQ.

Please download the app Kahoot ! Free registration for LIVES 2021 in Copenhagen for the 3 winners !

### 16:30 NEXT & DPD - Critical Care Cup !

F. Duska (Prague, Czech Republic), V. Bennett (London, United Kingdom), L. Galarza Barrachina (Castellón de la Plana, Spain), S. De Rosa (Vicenza, Italy)

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Tue 8 Dec  
17:00 - 17:30

## Daily Highlights. The DSA interviews...

Interview

Moderator(s) : A. Girbes (Amsterdam, Netherlands)

### Acute Kidney Injury

M. Ostermann (London, United Kingdom)

### Cardiovascular Dynamics

T. Scheeren (Groningen, Netherlands)

### Neuro-Intensive Care

G. Meyfroidt (Leuven, Belgium)

### Trauma and Emergency Medicine

C. Sandroni (Rome, Italy)

Tue 8 Dec  
17:45 - 18:15

## Statler & Waldorf Comments from Past-Presidents

Interview

Expert(s) : M. Ranieri (Bologna, Italy), J.D. Chiche (Lausanne, Switzerland)

Moderator(s) : A. Girbes (Amsterdam, Netherlands)

17:45

### Statler & Waldorf Comments from Past-Presidents

A. Girbes (Amsterdam, Netherlands), J.D. Chiche (Lausanne, Switzerland), M. Ranieri (Bologna, Italy)

Wed 9 Dec  
08:45 - 09:00

## What to do today?

Interview

Moderator(s) : A. Girbes (Amsterdam, Netherlands)

08:45 **What to do today?**  
A. Girbes (Amsterdam, Netherlands)

Wed 9 Dec  
09:00 - 09:45

## C. Hartog interviews D. Cook on new paradigm for patient- and family-centered care

Interview

Moderator(s) : C. Hartog (Berlin, Germany)

09:00 **C. Hartog interviews D. Cook on new paradigm for patient- and family-centered care**  
C. Hartog (Berlin, Germany), D. Cook (Hamilton, Canada)

Wed 9 Dec  
09:15 - 10:00

## \* Meet the Expert - A chat with Nino Stocchetti

Meet the Expert

Expert(s) : N. Stocchetti (Milan, Italy)

Do you have a burning question for our profession's leading expert and best-known speaker? Join us for lively interactive debate during this 45-min expert discussion.

SEATS ARE LIMITED! This session can only host up to 20 participants and is available upon pre-registration! --> fully booked already. Of course you can attend and watch this session online but without interactive access then.

### 09:15 Meet the Expert - A chat with Nino Stocchetti

N. Stocchetti (Milan, Italy)

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Wed 9 Dec  
09:15 - 10:15

## Best Oral Presentations 3

Abstract

Moderator(s) : D. De Lange (Utrecht, Netherlands)

### 09:15 Where did all the women go? The underrepresentation of women in educational resources during COVID-19

T. Hall (Brighton, United Kingdom)C. Dangoisse, (Bangor, United Kingdom), V. Metaxa, (London, United Kingdom)

#### Thème

06. Critical care organization, quality management, outcomes > 6.1. Critical care organisation, qual

### 09:21 Temporary transvenous diaphragm neurostimulation in mechanically ventilated patients – preliminary results from a randomized controlled trial

M. Dres (Paris, France)M. Gama De Abreu (Dresden, Germany), T. Similowski (Paris, France)

#### Thème

02. Acute respiratory failure and ventilation > 2.5. Mechanical ventilation clinical studies

09:27 **Identification of novel clinical subphenotypes in patients with community acquired pneumonia. A derivation study**

J. Aquino Esperanza (Sabadell, Spain)P. Cardinal-Fernadéz (Madrid, Spain), C. Cillóniz, (Madrid, Spain, Spain), C. Forne, (Lleida, Spain), A. Gambarrus, (Madrid, Spain, Spain), L. Sarlabous (Sabadell, Spain), R. Magrans (Sabadell, Spain), F. Ferreira (Sabadell, Spain), L. Blanch (Sabadell, Spain), R. Menendez, (València, Spain), A. Torres, (Madrid, Spain, Spain)

**Thème**

22. Data Science > Data Science

**Wrap up**

D. De Lange (Utrecht, Netherlands)

09:34 **“Is this a good time to talk?” Improving telephone communication between junior doctors and relatives of patients in ICU during the COVID-19 pandemic**

A. Rahim (Watford Road, London, HA1 3UJ, United Kingdom)A. Shanmuganathan, (Watford Road, London, HA1 3UJ, United Kingdom), L. Vaccari (Watford Road, London, HA1 3UJ, United Kingdom), G. Sartori (Watford Road, London, HA1 3UJ, United Kingdom), E. Leahy (Watford Road, London, HA1 3UJ, United Kingdom), G. Erez (Watford Road, London, HA1 3UJ, United Kingdom), V. Sathianathan (Watford Road, London, HA1 3UJ, United Kingdom), T. Husain (Watford Road, London, HA1 3UJ, United Kingdom)

**Thème**

21. Ethics > 21.1. Ethics and end of life care

09:40 **Epidemiology and risk factors of ventilator-associated pneumonia in COVID-19 patients: a propensity-score matched analysis**

M. Martinez Martinez (Barcelona, Spain)F.J. Ramos Gomez (Barcelona, Spain), F.X. Nuvials Casals (Barcelona, Spain), O. Roca (Barcelona, Spain), R. Ferrer Roca (Barcelona, Spain)

**Thème**

02. Acute respiratory failure and ventilation > 2.1. Acute respiratory failure clinical studies

09:46 **H and L-subphenotype prevalence in ARDS patients with and without SARS-CoV-2**

M. Chotalia (Birmingham, United Kingdom)J.E. Alderman (Birmingham, United Kingdom), D. Parekh (Birmingham, United Kingdom), M. Bangash, (Birmingham, United Kingdom), J. Patel (Birmingham, United Kingdom)

**Thème**

02. Acute respiratory failure and ventilation > 2.1. Acute respiratory failure clinical studies

**Wrap up**

D. De Lange (Utrecht, Netherlands)

09:53 **Different renal trajectories and outcomes after Acute Kidney Injury in Intensive Care Unit: a 5-years prospective cohort study**

A. Orioux (Bordeaux, France)R. Prevel (Bordeaux, France), D. Gruson (Bordeaux, France), B. Clouzeau (Bordeaux, France), C. Rigothier (Bordeaux, France), C. Combe (Bordeaux, France), A. Boyer (Bordeaux, France), S. Rubin (Bordeaux, France)

**Thème**

01. Acute Kidney Injury and hemofiltration > 1.1. Acute Kidney Injury clinical studies



09:59 **Impact of sex and ICU treatment duration on creatinine and potassium excretion in critically ill patients**

M. Van Bakelen-Knip (Groningen, Netherlands)L. Hessels, (Groningen, Netherlands), C. Cordeiro, (Groningen, Netherlands), S. Berger (Groningen, Netherlands), M. Nijsten (Groningen, Netherlands)

**Thème**

11. Metabolism, endocrinology, liver failure and nutrition > 11.3. Metabolism, endocrinology and nutrition monitoring

10:05 **Effects of prone positioning on venous return in patients with acute respiratory distress syndrome**

C. Lai (Le Kremlin-Bicêtre, France)I. Adda (Le Kremlin-Bicêtre, France), J.L. Teboul, (Le Kremlin-Bicêtre, France), R. Persichini (Le Kremlin-Bicêtre, France), F. Gavelli (Le Kremlin-Bicêtre, France), L. Guerin, (Le Kremlin-Bicêtre, France), X. Monnet (Le Kremlin-Bicêtre, France)

**Thème**

05. Cardiovascular issues in ICU > 5.1. Cardiovascular clinical studies

10:11 **The association between the admission Sequential Organ Failure Assessment scores in particular systems and intensive care unit mortality in patients  $\geq 80$  years old – a prospective cohort study**

J. Fronczek (Kraków, Poland)H. Flaatten (Bergen, Norway), B. Guidet (Paris, France), K. Polok (Kraków, Poland), D. De Lange (Utrecht, Netherlands), J. Fjølner (Aarhus, Denmark), J. Górka (Kraków, Poland), C. Jung (Düsseldorf, Germany), S. Leaver (London, United Kingdom), R.P. Moreno (Lisbon, Portugal), A. Rhodes (Londres, United Kingdom), W. Szczeklik (Kraków, Poland)

**Thème**

06. Critical care organization, quality management, outcomes > 6.2. Critical care outcomes

Wed 9 Dec  
10:00 - 10:45

## C. Sandroni interviews J. Nolan on cardiac arrest

Interview

Moderator(s) : C. Sandroni (Rome, Italy)

10:00 **C. Sandroni interviews J. Nolan on cardiac arrest**

C. Sandroni (Rome, Italy), J. Nolan (Bath, United Kingdom)

Wed 9 Dec  
10:15 - 11:00

## \* Meet the Expert - A chat with Didier Payen de la Garanderie

Meet the Expert

Expert(s) : D. Payen de la Garanderie (Nice, France)

Do you have a burning question for our profession's leading expert and best-known speaker? Join us for lively interactive debate during this 45-min expert discussion.

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### 10:15 Meet the Expert - A chat with Didier Payen de la Garanderie

D. Payen de la Garanderie (Nice, France)

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Wed 9 Dec  
10:30 - 11:00

## Daily Highlights. The DSA interviews...

Interview

Moderator(s) : A. Girbes (Amsterdam, Netherlands)

### Ethics

C. Hartog (Berlin, Germany)

### Infection

P. Pova (Lisbon, Portugal)

### Systemic Inflammation and Sepsis

R. Ferrer Roca (Barcelona, Spain)

Wed 9 Dec  
11:00 - 11:45

## L. Derde interviews D. Angus on publishing in times of pandemics

Interview

Moderator(s) : L. Derde (Utrecht, Netherlands)

11:00 **L. Derde interviews D. Angus on publishing in times of pandemics**

L. Derde (Utrecht, Netherlands), D. Angus (Pittsburgh, United States of America)

Organizer:

Education

Wed 9 Dec  
11:15 - 11:45

## Statler & Waldorf Comments from Past-Presidents

Interview

Expert(s) : M. Antonelli (Roma, Italy), J. Kesecioglu (Utrecht, Netherlands)

Moderator(s) : A. Girbes (Amsterdam, Netherlands)

11:15 **Statler & Waldorf Comments from Past-Presidents**

J. Kesecioglu (Utrecht, Netherlands), A. Girbes (Amsterdam, Netherlands), M. Antonelli (Roma, Italy)

Wed 9 Dec  
11:15 - 12:00

## \* Meet the Expert - A chat with Chiara Robba

Meet the Expert

Expert(s) : C. Robba (Genoa, Italy)

Do you have a burning question for our profession's leading expert and best-known speaker? Join us for lively interactive debate during this 45-min expert discussion.

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11:15 **Meet the Expert - A chat with Chiara Robba**  
C. Robba (Genoa, Italy)

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Wed 9 Dec  
12:00 - 12:30

## Daily briefing from the Social Media Team

Interview

Moderator(s) : A. Wong (London, United Kingdom), O.O. Olusanya (London, United Kingdom)

You've heard the talks. You've listened to the experts. So what now? Segun and Adrian discuss their thoughts and ideas with invited guests. Join in and share your thoughts, questions and ideas. Education is about having a conversation and discussion.

12:00 **Daily briefing from the Social Media Team**  
A. Wong (London, United Kingdom), O.O. Olusanya (London, United Kingdom)

Wed 9 Dec  
13:30 - 16:15

## Hot Topics Session

Thematic Session

Moderator(s) : J. Kesecioglu (Utrecht, Netherlands), H. Bauchner (Boston, United States of America)

13:30 **Overview of the PUMA guidelines (Project for the Universal Management of the Airways)**  
S. Myatra (Mumbai, India)

13:45 **The impact of frailty on survival in elderly intensive care patients with COVID-19: the COVIP study**  
C. Jung (Düsseldorf, Germany)

14:00 **Clinical Characteristics and Day-90 Outcomes of 4,244 critically ill adults with COVID-19: a prospective cohort study**  
M. Schmidt (Paris, France)

14:15 **UNDERPIN-ICU Study**  
P. Rood (Nijmegen, Netherlands)

14:30 **(1,3)- $\beta$ -D-glucan-based diagnosis of invasive Candida infection versus culture-based diagnosis in patients with sepsis and with an increased risk of invasive Candida infection (CandiSep)**  
F. Bloos (Jena, Germany), J. Held (Erlangen, Germany), S. Kluge (Hamburg, Germany), P. Simon (Leipzig, Germany), K. Kogelmann (Emden, Germany), G. De Heer (Hamburg, Germany), S.O. Kuhn (Greifswald, Germany), D. Jarczak (Hamburg, Germany), J. Motsch (Heidelberg, Germany), G. Hempel (Leipzig, Germany), N. Weiler, (Kiel, Germany), A. Weyland (Oldenburg, Germany), M. Drüner (Emden, Germany), P. Meybohm (Würzburg, Germany), U. Jaschinski (Augsburg, France), O. Moerer (Göttingen, Germany), R. Weiss (Münster, Germany), C. Putensen (Bonn, Germany), M. Bauer (Jena, Germany), D. Thomas-Rüddel (Jena, Germany)

14:45 **Effect of a Lower vs Higher Positive End-expiratory Pressure (PEEP) Strategy on Ventilator-Free Days in Intensive Care Unit Patients Without ARDS: A Randomized Clinical Trial**  
M. Schultz (Amsterdam, Netherlands)

15:00 **Results of the ESICM-endorsed STRIKE survey, on the ICU management and admission criteria of stroke patients**  
C. Robba (Genoa, Italy)

15:15 **Adult ICU triage during the Coronavirus Disease 2019 pandemic**  
C.L. Sprung (Jerusalem, Israel)

15:30 **Mechanical ventilation in acute brain injury: recommendations of the ESICM consensus conference**  
R. Stevens (Baltimore, United States of America)

15:45 **Vitamin C, Thiamine, and Steroids in Patients with Sepsis: The VICTAS randomized clinical trial**  
J. Sevransky (Atlanta, United States of America)

16:00 **Impact of oral chlorhexidine de-adoption and implementation of an oral care bundle on mortality for mechanically ventilated adults: A stepped wedge cluster randomized controlled trial**

C. Dale (Toronto, Canada), B. Cuthbertson (Toronto, Canada)C. Dale (Toronto, Canada), L. Rose (London, United Kingdom), S. Carbone, (Toronto, Canada), R. Pinto, (Toronto, Canada), O. Smith, (Toronto, Canada), L. Burry (Toronto, Canada), E. Fan, (Toronto, Canada), A.C. Amaral (Toronto, Canada), V. McCreddie, (Toronto, Canada), D. Scales, (Toronto, Canada), B. Cuthbertson (Toronto, Canada)

**Thème**

09. Infections and prevention > Infections and prevention

16:15 **test hot topic**

T. Test (Rennes, France)

Wed 9 Dec  
16:15 - 16:20

## A message from the new President

Thematic Session

Moderator(s) : M. Cecconi (Milan, Italy)

16:15 **A message from the new President**

M. Cecconi (Milan, Italy)