ESICM LIVES 2020
33rd Annual Congress
6-9 December

For physicians, nurses, and other allied healthcare professionals
Sunday 6 December

**Opening Session**

14:30 - 15:30

**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)

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**Scientific Session**

15:30 - 16:40

**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

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
**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)

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**Innovation in ICU**

Thematic Session

**Virtual Critical Care**

B. Weiss (Berlin, Germany)

**Q&A**

R. Costa-Pinto (Melbourne, Australia), B. Weiss (Berlin, Germany)

Organizer:
NEXT
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
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.

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**Case Presentation - Initial resuscitation of septic shock**
S. De Rosa (Vicenza, Italy)

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**Audience work on answers and vote (moderated)**
L. Derde (Utrecht, Netherlands)

---

**Expert feedback and teaching**
P. Povoa (Lisbon, Portugal)

---

**Expert feedback and teaching**
R. Ferrer Roca (Barcelona, Spain)

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**Moderated discussion and wrap-up (take-home messages)**
N.D. Nielsen (Albuquerque, 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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Meet the Expert - A chat with Anders Perner
A. Perner (Copenhagen, Denmark)
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)

Fundamental concepts of intensive care explained by top experts on real cases and MCQ.
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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. Povoa (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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<th>Time</th>
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<tbody>
<tr>
<td>Mon 7 Dec</td>
<td>10:00 - 10:45</td>
<td><strong>How to review a paper</strong></td>
<td>Interactive Session</td>
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<td>Moderator(s): M. Vargas (Naples, Italy)</td>
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<td>10:00</td>
<td><strong>How to review a paper</strong></td>
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<td>E. Azoulay (Paris, France)</td>
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<td><strong>Questions</strong></td>
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<td>M. Vargas (Naples, Italy), E. Azoulay (Paris, France)</td>
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<td><strong>Organizers:</strong></td>
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<td>NEXT Research</td>
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<tr>
<td>Mon 7 Dec</td>
<td>10:00 - 10:45</td>
<td><strong>Novel ideas to eradicate AKI in the ICU</strong></td>
<td>Round Table</td>
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<td>Moderator(s): M. Ostermann (London, United Kingdom)</td>
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<td><strong>Panel discussion</strong></td>
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<td>M. Ostermann (London, United Kingdom), M. Joannidis (Innsbruck, Austria), A. Schneider (Lausanne, Switzerland), M. Meersch (Münster, Germany)</td>
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</table>
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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Learning the fundamentals from simulation of the real life decision-making made by healthcare professionals in daily ICU practice.

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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)

Organizer:
Nurses and Allied Healthcare Professionals
* 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. SEATS ARE LIMITED! This session can only host up to 50 participants and is available upon pre-registration!
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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. Povoa (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
ZOOM
ZOOM Cas2
VOTE ZOOM OUI

Organizer:
Education
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

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

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)
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
### Meet the Expert - A chat with Jozef Kesecioglu

**Meet the Expert**

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

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**Technic congress**

| ZOOM | Accès limité à 20 personnes |

| VOTE ZOOM | OUI |

### 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!

**Funny MCQ contest based on Education content in CBF**

| L. Derde (Utrecht, Netherlands) |

**Organizer:** Education
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<tr>
<th>Event</th>
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<tr>
<td><strong>Education for all - The story of BASIC</strong></td>
<td>Mon 7 Dec</td>
<td>Short Talk</td>
<td>C. Gomersall (Shatin, Hong Kong)</td>
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<tr>
<td><strong>My important message about intensive care for young intensivists</strong></td>
<td>Mon 7 Dec</td>
<td>Short Talk</td>
<td>M. Herridge (Toronto, Canada)</td>
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<tr>
<td><strong>MENTOR Programme Initiation Meeting</strong></td>
<td>Mon 7 Dec</td>
<td>Business Meeting</td>
<td>S. Schaller (Berlin, Germany), S. De Rosa (Vicenza, Italy), L. Borgstedt (Munich, Germany)</td>
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</table>
Breaking News from the President & President-Elect

Mon 7 Dec 13:45 - 14:00

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)

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

Mon 7 Dec 13:45 - 14:30

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

N&AHP research & networking: what's new?
Interactive Session

Organizer:
Education

Mon 7 Dec
14:00 - 16:15

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)
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<th>Time</th>
<th>Topic</th>
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<tr>
<td>14:30</td>
<td><strong>Difference in ethical approach between nurses and physicians</strong></td>
<td>A.S. Debue (Paris, France)</td>
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<td>14:45</td>
<td><strong>Influence of COVID-19 on mental health of ICU professionals</strong></td>
<td>M. Van Mol (Rotterdam, Netherlands)</td>
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<tr>
<td>15:00</td>
<td><strong>Energy, motivation and resilience to enlarge vitality of professionals</strong></td>
<td>R. Kleinpell (Nashville, United States of America)</td>
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<td>15:15</td>
<td><strong>Understanding the experience of family members in the critical care environment</strong></td>
<td>J. McPeake (Glasgow, United Kingdom)</td>
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<td>15:30</td>
<td><strong>N&amp;AHP Abstract Award 2020: Cross-sectional validity of the Chelsea Critical Care Physical Assessment tool (CPAx) in critically ill adults</strong></td>
<td>J. Mellinghoff (London, United Kingdom), M. Van Mol (Rotterdam, Netherlands), S. Grossenbacher-Eggmann (Bern, Switzerland)</td>
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<td>15:35</td>
<td><strong>N&amp;AHP Abstract Award 2020: Impact of a nurse-led family support intervention for families of critically ill persons: A mixed methods study</strong></td>
<td>J. Mellinghoff (London, United Kingdom), M. Van Mol (Rotterdam, Netherlands), P. Massarotto (Zürich, Switzerland)</td>
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<td>15:40</td>
<td><strong>N&amp;AHP Abstract Award 2020: The role of the physiotherapy team in a multidisciplinary management of pronation in critically ill COVID-19 patients</strong></td>
<td>J. Mellinghoff (London, United Kingdom), M. Van Mol (Rotterdam, Netherlands), S. Ceruti (Lugano, Switzerland)</td>
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<td>15:45</td>
<td><strong>Looking back and forward at N&amp;AHP activities</strong></td>
<td>J. Mellinghoff (London, United Kingdom)</td>
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<td><strong>Networking</strong></td>
<td>J. Mellinghoff (London, United Kingdom), M. Van Mol (Rotterdam, Netherlands)</td>
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</table>
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. Butterton (Kenilworth, United States of America)

Thème
09. Infections and prevention > Infections and prevention

14:27 Involvement of β-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
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)

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. Everleens (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)

Wrap up
A. Girbes (Amsterdam, Netherlands)

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)

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. Mølström (Odense, Denmark), C.H. Nordström (Odense, Denmark), P. Toft (Odense, Denmark)

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)
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)

* 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)
**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)

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**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)

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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)

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**Organizer:** Education

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### 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.

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<th>15:30</th>
<th><strong>Daily briefing from the Social Media Team</strong></th>
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<td>A. Wong (London, United Kingdom), O.O. Olusanya (London, United Kingdom)</td>
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</table>
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)

Mon 7 Dec 15:45 - 16:30

Important issues to take into account in antibiotics prescription
Round Table

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

Panel discussion
P. Povoa (Lisbon, Portugal), M. Leone (Marseille, France), R. Ferrer Roca (Barcelona, Spain), A. Conway Morris (Cambridge, United Kingdom)
How to avoid failed functional outcomes
16:00
M. Herridge (Toronto, Canada)

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

Recognising human factors
16:00
C. Frerk (Northampton, United Kingdom)

Q&A
L. Borgstedt (Munich, Germany), C. Frerk (Northampton, 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.

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.

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

F.R. Machado (São Paulo, Brazil)
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.

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

**Organizer:**
Education

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

**Interactive Session**

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)

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**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)
**Daily Highlights. The DSA interviews…**

**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)

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**Mon 7 Dec 17:45 - 18:15  Statler & Waldorf Comments from Past-Presidents**

**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)
Tuesday 8 December

What to do today?

08:45 - 09:00

What to do today?
A. Girbes (Amsterdam, Netherlands)

Meet the Authors 2

09:00 - 09:20

Meet the Authors 2

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

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

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

**09:30**  
Meet the Expert - A chat with Antoine Vieillard-Baron  
A. Vieillard-Baron (Boulogne-Billancourt, France)
* 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)
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)

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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)
SEATS ARE LIMITED! This session can only host up to 30 participants and is available upon pre-registration!

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

- 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)
Fundamental concepts of intensive care explained by top experts on real cases and MCQ. 
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**Case Presentation - Second-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)
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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**Meet the Expert - A chat with Carole Boulanger**

**Speaker:** C. Boulanger (London, United Kingdom)

**Case reviewed: oncology and perioperative ICM**

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

**Q&A**

Organizer:

NEXT
**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)

**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)
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 - 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)
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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Meet the Expert - A chat with Kirsten Colpaert

K. Colpaert (Ghent, Belgium)
**Journal Club**

*Round Table*

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**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)

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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

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**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)

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**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)

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**11:47**

**Discussion on "?"**

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

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**12:01**

**Discussion on "Timing of Initiation of Renal-Replacement Therapy in Acute Kidney Injury"**

P. Abraham (Lyon, France), M. Ostermann (London, United Kingdom)
**12:05**  
**Light-hearted MCQ contest based on education content in CBF**  
F. Weidanz (Edinburgh, United Kingdom)

**Technic congress**  
**ZOOM**

**Organizer:** Education

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

**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!

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

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

**13:45**  
**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)
**Case-simulation: managing an on-call from home**

**14:00**

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

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

**14:00**

G. Van den Berghe (Leuven, Belgium)
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)
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

Thème
10. Sepsis > 10.3. Sepsis monitoring

Wrap up
J. De Waele (Gent, Belgium)

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

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 Santamaria (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)
Fundamental concepts of intensive care explained by top experts on real cases and MCQ.
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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)
Meet the Expert - A chat with Antonio Pesenti

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.

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

A. Pesenti (Milan, Italy)

**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)
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
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)

**Tuesday 8 Dec**

**15:15 - 17:00**

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

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

- 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)

**Daily briefing from the Social Media Team**

**15:30 - 16:00**

**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.
Tuesday, December 8th
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.
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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)
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 (Créteil, France)

Organizer: NEXT

Tue 8 Dec
15:45 - 16:30

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

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

H. Bailey (Durham, United States of America)

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**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)
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)

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)
**Wednesday 9 December**

**What to do today?**

**Interview**

**08:45**

*What to do today?*

A. Girbes (Amsterdam, Netherlands)

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

**Interview**

**09:00**

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

C. Hartog (Berlin, Germany), D. Cook (Hamilton, Canada)
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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Meet the Expert - A chat with Nino Stocchetti

N. Stocchetti (Milan, Italy)

Week 9 Dec
09:15 - 10:00

Best Oral Presentations 3

Abstract

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

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

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. Orieux (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
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

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

The association between the admission Sequential Organ Failure Assessment scores in particular systems and intensive care unit mortality in patients ≥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 (London, United Kingdom), W. Szczeklik (Kraków, Poland)

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

C. Sandroni interviews J. Nolan on cardiac arrest
C. Sandroni (Rome, Italy), J. Nolan (Bath, United Kingdom)
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Meet the Expert - A chat with Didier Payen de la Garanderie
D. Payen de la Garanderie (Nice, France)

Meet the Expert - A chat with Didier Payen de la Garanderie
D. Payen de la Garanderie (Nice, France)

Daily Highlights. The DSA interviews...

Ethics
C. Hartog (Berlin, Germany)

Infection
P. Povoa (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)
**Meet the Expert - A chat with Chiara Robba**

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

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**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.

**Overview of the PUMA guidelines (Project for the Universal Management of the Airways)**

S. Myatra (Mumbai, India)
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:45</td>
<td>The impact of frailty on survival in elderly intensive care patients with COVID-19: the COVIP study</td>
<td>C. Jung (Düsseldorf, Germany)</td>
</tr>
<tr>
<td>14:00</td>
<td>Clinical Characteristics and Day-90 Outcomes of 4,244 critically ill adults with COVID-19: a prospective cohort study</td>
<td>M. Schmidt (Paris, France)</td>
</tr>
<tr>
<td>14:15</td>
<td>UNDERPIN-ICU Study</td>
<td>P. Rood (Nijmegen, Netherlands)</td>
</tr>
<tr>
<td>14:30</td>
<td>(1,3)-β-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)</td>
<td>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. Jarzczak (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. Moerter (Göttingen, Germany), R. Weiss (Münster, Germany), C. Putensen (Bonn, Germany), M. Bauer (Jena, Germany), D. Thomas-Rüddel (Jena, Germany)</td>
</tr>
<tr>
<td>14:45</td>
<td>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</td>
<td>M. Schultz (Amsterdam, Netherlands)</td>
</tr>
<tr>
<td>15:00</td>
<td>Results of the ESICM-endorsed STRIKE survey, on the ICU management and admission criteria of stroke patients</td>
<td>C. Robba (Genoa, Italy)</td>
</tr>
<tr>
<td>15:15</td>
<td>Adult ICU triage during the Coronavirus Disease 2019 pandemic</td>
<td>C.L. Sprung (Jerusalem, Israel)</td>
</tr>
<tr>
<td>15:30</td>
<td>Mechanical ventilation in acute brain injury: recommendations of the ESICM consensus conference</td>
<td>R. Stevens (Baltimore, United States of America)</td>
</tr>
<tr>
<td>15:45</td>
<td>Vitamin C, Thiamine, and Steroids in Patients with Sepsis: The VICTAS randomized clinical trial</td>
<td>J. Sevransky (Atlanta, United States of America)</td>
</tr>
</tbody>
</table>
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), 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. Mccredie, (Toronto, Canada), D. Scales, (Toronto, Canada), B. Cuthbertson (Toronto, Canada)

16:00

Thème

09. Infections and prevention > Infections and prevention

16:15
test hot topic

T. Test (Rennes, France)

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)