

1st Course on Respiratory Failure and Advanced Mechanical Ventilation

April 17th to 19th, 2024

Wednesday, April 17th 2024

From ARDS to protective ventilation

Chair F Damiani / A Bruhn

- 08:00-08:10 Opening session and welcome G Bugedo
08:10-08:40 Evolution of ventilation, from aggressive to permissive ventilation Marcus Schultz
08:40-09:05 Phenotyping in ARDS Patricia Rocco
09:05-09:30 A new definition for ARDS Elisa Estenssoro
09:30-10:00 Discussion
10:00-10:20 Break

Prone and lateral positioning

Chair J Retamal / Martin Benitez

- 10:20-10:45 Prone positioning in mechanically-ventilated patients Laurent Papazian
10:45-11:10 Lateral positioning as a new recruitment maneuver Rollin Roldan
11:10-11:40 Discussion
11:40-12:00 Break

Acute respiratory failure

Chair O Díaz / Y Jalil

- 12:00-12:25 Non invasive ventilation: for whom and how long? Giacomo Bellani
12:25-12:55 HFNC for hypoxemic ARF Juliana C Ferreira
12:55-13:20 P-SILI before connection to MV J Retamal
13:20-14:00 Discussion

Thursday, April 18th 2024

Recruitability and PEEP setting

Chair T Regueira / P Cruces

- 08:00-08:35 The PEEP debate Marcus Schultz
08:35-09:05 PEEP titration at the bedside Fernando Suarez Sipmann
09:05-09:30 Assesment of alveolar recruitment and PEEP management Laurent Brochard
09:30-10:00 Discussion
10:00-10:20 Break

Weaning

Chair A Bruhn / R Basoalto

- 10:20-10:45 Weaning from mechanical ventilation Carles Subira
10:45-11:10 Postextubation HFNC or NIV Arnaud Thille

11:10-11:40 Discussion
11:40-12:00 Break

Clinical trials (and the phantom of AI)

Chair R Castro / E Kattan

12:00-12:25 Role of platform trials to advance the study of respiratory failure
(PRACTICAL) Ewan C Goligher
12:25-12:55 Artificial Intelligence in patients on MV Nicolas Nin
12:55-13:20 Prolonged prone position. A multicenter trial A Bruhn
13:20-14:00 Discussion

Friday, April 19th 2024

Patient ventilator interaction

Chair F Damiani / J Retamal

08:00-08:35 Challenges of the transition from controlled to assisted mechanical
ventilation Irene Telias
08:35-09:00 The delicate transition between controlled and assisted ventilation
Giacomo Bellani
09:00-09:25 Asynchronies: last findings Lluís Blanch
09:25-10:00 Discussion
10:00-10:20 Break

Cardiopulmonary physiologic concepts

Chair J Retamal / G Bugedo

10:20-10:45 V/Q mismatch as a mechanism of lung injury Tomasso Mauri
10:45-11:10 Cardio-pulmonary interaction Gastón Murias
11:10-11:40 Discussion
11:40-12:00 Break

Extracorporeal support

Chair G Bugedo / A Bruhn

12:00-12:25 Physiologic effects of ECMO Tomasso Mauri
12:25-12:55 ECCO2R Eduardo Costa
12:55-13:20 The Chilean ECMO experience during the Covid pandemics R Cornejo
13:20-13:50 Discussion
13:50-14:00 Closing remarks