

Program workshop EAPS 2018: Disease specific strategies of respiratory support

Objectives

During this workshop the attendee will learn:

- basic pulmonary physiology on control of breathing and lung mechanics
- basic pulmonary physiology on pulmonary circulation
- available disease specific treatment options for respiratory support
- how to combine these treatment options in a disease specific strategy of respiratory support

Program

8.30	Welcome
8.35	Basic pulmonary physiology: control of breathing and lung mechanics <i>Anton van Kaam, Netherlands</i>
9.00	Basic pulmonary physiology: pulmonary perfusion <i>Olivier Danhaive, USA</i>
9.25	Apnea of prematurity: treatment options <i>Jeroen Hutten, Netherlands</i>
9.50	Coffee
10.05	Respiratory distress syndrome: treatment options <i>Ulrich Thome, Germany</i>
10.30	Developing/established BPD: treatment options <i>Roland Hentschel, Germany</i>
10.55	CDH/lung hypoplasia: treatment options <i>Olivier Danhaive, USA</i>
11:20	MAS/ARDS/pneumonia: treatment options <i>Daniele De Luca, France</i>
11.45	Wrap up morning session
12:00	Lunch
13.00	Interactive sessions based on case presentation Sessions will take 50 minutes and participants will rotate across all sessions 25 min break after two rotations. <ul style="list-style-type: none">• Case on apnea <i>(Anna Lavizzari, Italy / Jeroen Hutten, Netherlands)</i>• Case on RDS <i>(Gianluca Lista, Italy, Ulrich Thome, Germany)</i>• Case on BPD <i>(Roland Hentschel, Germany, Richard Sindelar, Sweden)</i>• Case on CDH/lung hypoplasia <i>(Olivier Danhaive, USA, Andreas Flemmer, Germany)</i>
16.45-17.00	Evaluation and summary