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**smart** COURSE

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on  
**Mechanical Ventilation**

**KRAKOW - POLAND | NOVEMBER 29-30, 2018**





# smart COURSE

KRAKOW - POLAND  
NOVEMBER 29-30, 2018

## The **SMART COURSE** on **Mechanical Ventilation**

features a highly interactive program,  
aimed at melting speakers and attendees'  
experience on clinical daily practice.

### **SMART** - ORGANIZING AND SCIENTIFIC COMMITTEE

M. Antonelli, G. Bellani, A. Braschi, G. Conti, L. Gattinoni,  
A. Pesenti, M. Quintel, F. Raimondi, M. Senturk

### **SMART COURSE** - SCIENTIFIC COORDINATORS

G. Bellani  
K. Szuldrzynski

### **SMART** - ORGANIZING SECRETARIAT

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## FACULTY

**Bellani G.** - Monza (I)

**Constantin J.M.** - Clermont-Ferrand (F)

**Gattinoni L.** - Goettingen (D)

**Grasselli G.** - Milan (I)

**Heunks L.** - Amsterdam (NL)

**Mojoli F.** - Pavia (I)

**Pesenti A.** - Milan (I)

**Piquilloud L.** - Lausanne (CH)

**Szuldrzynski K.** - Krakow (P)





## SESSION 1

- 14:00 **FEATURE LECTURE** Why do we ventilate?  
Pathophysiology of gas exchange  
*A. Pesenti*
- 14:20 **Controlled mechanical ventilation settings: basics**  
*G. Bellani*
- 14:40 **How to assess respiratory mechanics at the bedside**  
*L. Heunks*
- 15:00 **Discussion**
- 15:10 **SIMULATED CASES ON THE SCREEN**  
*(with real ventilators)*
- 15:50 **COFFE BREAK**

## SESSION 2

- 16:10 **Strategies to set PEEP and to evaluate lung recruitment/over distension**  
*K. Szudrzyński*
- 16:40 **Imaging techniques to guide mechanical ventilation: Computed Tomography**  
*J.M. Constantin*
- 17:00 **Imaging techniques to guide mechanical ventilation: Ultrasound**  
*F. Mojoli*
- 17:20 **Imaging techniques to guide mechanical ventilation: EIT**  
*G. Bellani*
- 17:40 **Discussion**
- 17:50 **SIMULATED CASES ON THE SCREEN**  
*(with real ventilators)*
- 18:30 **Extracorporeal gas exchange in respiratory failure – current status of ECMO and ECCO2R**  
*A. Pesenti*
- 19:00 **CONCLUSION OF THE DAY**



## SESSION 3

- 8:30 **ROUND TABLE**  
Questions and answers to all speakers  
*All speakers*
- 8:50 **Heart-lung interaction during mechanical ventilation**  
*G. Grasselli*
- 9:20 **Assisted mechanical ventilation settings: basics**  
*G. Bellani*
- 9:40 **Evaluating patient's ventilator synchrony**  
*L. Heunks*
- 10:00 **Optimizing patient-ventilator interaction**  
*F. Mojoli*
- 10:20 **Discussion**
- 10:30 **SIMULATED CASES ON THE SCREEN**  
*(with real ventilators)*
- 11:10 **BREAK**

## SESSION 4

- 11:30 **Ventilation of the patients with COPD and Asthma**  
*L. Piquilloud*
- 11:50 **Non-invasive ventilations: indications and caveats**  
*J.M. Constantin*
- 12:10 **Non-invasive ventilations: which interfaces and which modes?**  
*G. Bellani*
- 12:30 **HIGH FLOW NASAL CANNULAS**  
*G. Grasselli*
- 12:50 **Discussion**
- 13:00 **SIMULATED CASES ON THE SCREEN**  
*(with real ventilators)*
- 13:40 **LUNCH**

## SESSION 5

- 14:20 **FEATURE LECTURE**  
Transpulmonary pressure and lung volumes  
*L. Gattinoni*
- 15:00 **Weaning from mechanical ventilation**  
*L. Heunks*
- 15:40 **Closed loop and automated ventilation modes**  
*L. Piquilloud*
- 16:00 **SIMULATED CASES ON THE SCREEN**  
*(with real ventilators)*
- 16:40 **Adjunctive therapies during mechanical ventilation**  
*K. Szudrzyński*
- 17:10 **FINAL ROUNDTABLE**  
Questions and answers to all speakers  
*All speakers*
- 17:30 **CONCLUSION**





ORGANIZING SECRETARIAT  
**Start Promotion Eventi Srl, Milan**

