



EURO ELSO 2018 Prague, Charles University and First Faculty of Medicine introduce

# VETRAM

## VEntilation TRaining in Animal Model

**Mechanical Ventilation Workshop** exploring the model and management of ARDS

### OBJECTIVES:

Hands-on mechanical ventilation in ARDS pig model  
Trends, possibilities and limits of conventional ventilation in ARDS

### COURSE LEADERS:

Michal Otáhal, MD; Mikuláš Mlček, MD, PhD; Zdeněk Stach MD;  
Martin Balík MD, PhD, Asocc.Prof.

### RECOMMENDED FOR:

Intensivists seeking for experience, knowledge and latest trends  
in ARDS treatment.  
Intermediate level.

### PROGRAMME:

- 09<sup>00</sup> Welcome, Get together
- 09<sup>15</sup> - 09<sup>45</sup> **Respiratory Physiology & Monitoring at the Bedside. Biomodels**
- 09<sup>50</sup> - 10<sup>30</sup> **ALI & ARDS Update**  
**Coffee break**
- 10<sup>40</sup> - 11<sup>25</sup> **Mechanical Ventilation Principles, Ventilator Modes**  
11<sup>30</sup> - 12<sup>30</sup> **Lung Protective Ventilation Strategies, Recruitment maneuvers**
- 12<sup>35</sup> - 13<sup>00</sup> **Heart-lung interaction, monitoring, limitations**  
13<sup>00</sup> - 13<sup>30</sup> **Lunch break**  
13<sup>30</sup> - 16<sup>30</sup> **Hands-on (pig model of ARDS)**  
**PEEP and Pressure optimization, RM, Heart-lung interaction, EIT**  
**Coffee break**
- 16<sup>45</sup> - 18<sup>00</sup> **Clinical Perspective Discussion, Wrap Up**

### DATES:

**May 23,**  
**9:00 to 18:00**

within EURO ELSO 2018, Prague

### VENUE:

Charles University, Prague  
First Faculty of Medicine.  
Institute of Physiology  
128 00 Praha 2, Albertov 5

**REGISTRATION FEE:** EUR 250

**CAPACITY:** 16 participants

### CONTACT, QUESTIONS:

vetram@email.cz

### SUGGESTED READING:

<https://www.ncbi.nlm.nih.gov/pubmed/2800>