

## Registration

Fax: +49 941 944-4233 or  
Online registration:  
www.congress-registration.ukr.de

### Adult ECMO Training Course Regensburg 2018

#### Venue and Date

**October 1 - 5, 2018**

University Hospital Regensburg  
Lecture hall A2 and course rooms (West entrance)

Yes, I am participating (IEC-1810)

Your registration is binding. In case of a cancellation the cancellation statement must be in writing.

Title .....

First name .....

Last name .....

Profession .....

ECMO experience (in years) .....  VV  VA

Hospital .....

Department .....

Address .....

.....

Phone .....

Mail .....

.....

Date ..... Signature .....

## Information

### Scientific Committee

PD Dr. Matthias Lubnow,  
Mr. Alois Philipp,  
PD Dr. Thomas Müller,  
Dr. Dirk Lunz,  
PD Dr. Daniele Camboni  
ECMO Centre University Hospital Regensburg  
University Hospital Regensburg

### Venue

University Hospital Regensburg  
Lecture hall A2 and course rooms (West entrance)  
Franz-Josef-Strauß-Allee 11  
93053 Regensburg, Germany

### Organisation

University Hospital Regensburg  
Conference Division UK3  
Britta Haseneder  
Franz-Josef-Strauß-Allee 11  
93053 Regensburg, Germany  
Phone: +49 941 944-4230,  
Fax: +49 941 944-4233, kongresse@ukr.de

### Participation Fee

Early bird until July, 31, 2018 1500 €  
Regular fee after July, 31, 2018 1750 €  
Travel and accommodation costs not included.  
Number of participants will be restricted to 24.

### Participation Fee

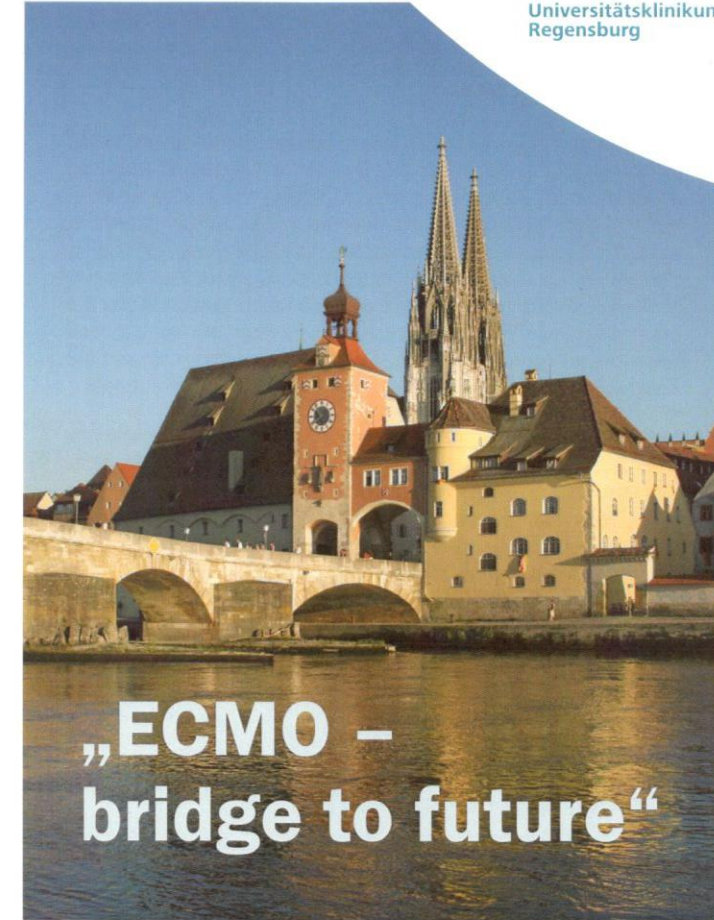
After your successful registration you will receive an invoice concerning your participation fee during the next days by email. Once registered your registration is binding. All payments must be made prior to the conference. Participation fees are due upon receipt of invoice without deduction. Please transfer the invoice amount before the event date. In case of a cancellation the cancellation statement must be in writing. The following processing fees apply: 8-3 working days before the event 50% of participation fee. In case of too late cancellation or absence without written cancellation the entire fee will be charged. A substitute participant may be submitted at any time.

Your participation at this event is also an agreement that any film or photo material taken during the event may be publicly used on behalf of the UKR.

SPITZE IN DER MEDIZIN.  
MENSCHLICH IN DER BEGEGNUNG.



Universitätsklinikum  
Regensburg



„ECMO –  
bridge to future“

ECMO Centre University Hospital Regensburg

ADULT ECMO TRAINING COURSE  
REGENSBURG 2018

Lecture hall A2 and course rooms (West entrance)

October 1 - 5, 2018

[www.ecmo-regensburg.de](http://www.ecmo-regensburg.de)



**Dear colleagues,**

Extracorporeal life support (ECLS) is rapidly expanding worldwide and can save the life of critically ill patients. Modern ECMO does provide new options in the treatment of severe circulatory and respiratory failure in all age groups. However, to be successful, training and experience are indispensable. Both the knowledge of efficiency of ECMO, but also of potential complications is needed. This has inspired us to offer a new course on ECLS for adult patients for the first time in Regensburg. The course, including both lectures and hands-on, will be an introduction into ECMO therapy in Critical Care today, embedded within state-of-the-art conventional treatment.

Regensburg has hosted the 4th international congress of the Euro-ELSO in 2015. As an important mediaeval trading centre, Regensburg served as a bridge from south to north and west to east. You will be able to enjoy the beauty of our old city in the evenings. Extracorporeal life support therapies likewise may serve in many instances as a bridge, a bridge to survival.

We cordially welcome you to participate at this forthcoming training event in the first week of October

Thomas Müller    Alois Philipp    Dirk Lunz    Matthias Lubnow

**Preliminary Program****Monday, October 1st, 2018**

- 08:15    **Registration**
- 08:45    **Welcome and introduction**
- 09:00    **History of ECMO and ELSO**
- 09:30    **Basics: Pumps and oxygenators 2018**
- 10:00    **Basics: Physiology of gas transfer**
- 10:30    **Coffee Break**
- 11:00    **Mechanical ventilation in ARDS**
- 11:30    **VV-ECMO in severe ARDS: indications, contra-indications and practice**
- 12:00    **VV-ECMO: mechanical ventilation**
- 12:30    **Lunch Break**
- 13:30    **Group 1, 2, 3: Hands-on: Getinge**  
**Group 4, 5, 6: Hands-on: Sorin**
- 15:30    **Coffee Break**
- 16:00    **Group 4, 5, 6: Hands-on: Getinge**  
**Group 1, 2, 3: Hands-on: Sorin**
- 18:00    **End of Program - Day 1**

Evening    **Welcome Dinner in Town**

**Tuesday, October 2nd, 2018**

- 08:30    **Mechanical ventilation in obstructive and restrictive ventilatory failure**
- 09:00    **ECCO<sub>2</sub>R: technique and devices, efficiency**
- 09:30    **ECCO<sub>2</sub>R: possible indications and clinical studies**
- 10:00    **Complications of ECMO 1: cannulation**
- 10:30    **Coffee Break**
- 11:00    **Group 1, 2: Flow physiology of cannulation**  
**Group 3, 4: Practical aspects of ECLS transport and E-CPR**  
**Group 5, 6: Simulation and Trouble-Shooting**
- 13:00    **Lunch Break**
- 14:00    **Group 3, 4: Flow physiology of cannulation**  
**Group 5, 6: Practical aspects of ECLS transport and E-CPR**  
**Group 1, 2: Simulation and Trouble-Shooting**
- 16:00    **Coffee Break**
- 16:30    **Case Presentation and Discussion: tracheotomy, extubation, mobilization**
- 17:30    **End of Program - Day 2**

**Wednesday, October 3rd, 2018**

- 08:30    **Advanced cardiac life support 2018**
- 09:00    **Mechanical cardiac assist devices: overview**
- 09:30    **VA-ECMO: Indication, contra-indication, cannulation**
- 10:00    **VA-ECMO: patient management, monitoring, ventilation**
- 10:30    **Coffee Break**
- 11:00    **VA-ECMO: unloading of the left ventricle**
- 11:30    **VVA and VAV ECMO: when and how**
- 12:00    **E-CPR for IHCA and OHCA**
- 12:30    **Neuro-prognostication**
- 13:00    **Lunch Break**
- 14:00    **Group 5, 6: Flow physiology of cannulation**  
**Group 1, 2: Practical aspects of ECLS transport and E-CPR**  
**Group 3, 4: Simulation and Trouble-Shooting**
- 16:00    **Coffee Break**
- 16:30    **Ward rounds and case presentation**
- 18:00    **End of Program - Day 3**

**Thursday, October 4th, 2018**

- 08:30    **Adjuvant therapies in ARDS: proning, relaxation, HFOV, iNO...**
- 09:00    **Trouble shooting hypoxemia on ECMO and thresholds for transfusion**
- 09:30    **Anticoagulation on ECMO: standards**
- 10:00    **Preventive maintenance of devices and indication for exchange**
- 10:30    **Coffee Break**
- 11:00    **Acute kidney failure and renal replacement therapy on ECMO**
- 11:30    **Complications of ECMO 2: thrombosis, HIT, hemolysis**
- 12:00    **Complications of ECMO 3: bleeding and neurological problems**
- 12:30    **Lunch Break**
- 13:30    **Group 1, 2, 3: Hands-on: Xenios**  
**Group 4, 5, 6: Hands-on**
- 15:30    **Coffee Break**
- 16:00    **Group 4, 5, 6: Hands-on: Xenios**  
**Group 1, 2, 3: Hands-on**
- 18:00    **End of Program - Day 4**

**Friday, October 5th, 2018**

- 08:30    **ECMO in septic shock**
- 09:00    **ECMO in pulmonary embolism**
- 09:30    **Weaning from VV-ECMO, weaning failure and further options**
- 10:00    **Weaning from VA-ECMO, weaning failure and further options**
- 10:30    **Coffee Break**
- 11:00    **When not to do ECMO – ethical considerations**
- 11:30    **What went wrong: case discussions**
- 12:00    **Knowledge assessment**
- 12:30    **Evaluation and final discussion**
- 13:00    **Lunch Break**
- 14:00    **End of Programm - Day 5**