**ECMO 2020: Controversies and insights.**

**Venue and Date**

7th March 2020  
University Hospital Regensburg  
Grand Lecture Hall (main entrance, 1st floor)

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**Scientific Committee**

Prof. Dr. Thomas Müller  
ECMO Centre University Hospital Regensburg  
University Hospital Regensburg

**Venue**

University Hospital Regensburg  
Grand Lecture Hall (main entrance, 1st floor)  
Franz-Josef-Strauß-Allee 11  
93053 Regensburg, Germany

**Organisation**

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**Participation Fee**

Early bird until 9 Febr. 2020: € 60,-  
Regular fee after 9 Febr. 2020: € 80,-  
Travel and accommodation costs not included.

Number of participants will be restricted to 300.

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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.

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**Registration**

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

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**First name**  
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Date  
Signature
Dear colleagues,

Extracorporeal life support (ECLS) has made remarkable progress in the care of the critically ill. Some will remember, that more than a decade ago the technique was met by many intensivists with a great deal of skepticism. However, the advent of H1N1-influenza-A associated severe lung failure introduced the technically optimized devices of modern ECMO II to many ICUs worldwide. In addition, in more recent years a significant rise in the use of VA-ECMO for cardiogenic shock of diverse etiologies is observed. ECPR is applied in specialized centers for refractory cardiac arrest in hospital and out of hospital. Thus ECLS has become an inherent part of modern Intensive Care Medicine.

Yet solid scientific proof for many areas of ECLS is still missing. Important questions are not unanimously answered. Different views persist and finding optimal solutions requires ongoing discussion. This discussion shall be stimulated by this symposium. Experts and friends from around the world are invited to discuss many controversial topics of both respiratory and circulatory support. Controversies are necessary to enhance knowledge. The aim of this meeting is to provide insights to improve our clinical practice.

Not at least this symposium is intended to honour Alois Philipp, for many years chief perfusionist of the University Hospital Regensburg. For more than 30 years he constantly tried to improve the technique to render it useful for the ICU and to find ways to optimize patient care. Making the devices fit for rapid deployable transport to be able to immediately bring rescue support to distant emergencies was one of his targets. ECMO became a passion for life, for the life of patients who could not be saved without ECMO.

We cordially welcome you to this international symposium on ECMO 2020 in Regensburg.

Thomas Müller  Christof Schmid

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**Program 7th March 2020**

**Session 1: Extracorporeal Support – Global Considerations**

*Moderation:* Luciano Gattinoni/Italy, Germany, Bernhard Graf/Germany

09:10  A passion for life – Alois Philipp and ECMO  
Thomas Müller/Germany

09:30  ECMO and coagulopathy – Reasons and potential cures  
Marco Ranucci/Italy

09:50  Mechanical induced hemolysis – Causes and consequences  
Leen Vercaemst/Belgium

10:10  ECMO and inflammation – Truths, myths and solutions  
John Fraser/Australia

10:30  Questions and discussion

10:50  Coffee

**Session 2: Respiratory Support – VV-ECMO**

*Moderation:* Thomas Bein/Germany, Christian Karagiannidis/Germany

11:20  Best cannulation, no doubt, is  
- Femoro-femoral  
  Antonio Pesenti/Italy  
- Jugulo-femoral  
  Björn Frenckner/Sweden  
- Femoro-jugular  
  Matthias Lubnow/Germany

11:50  “Rest the lung”, “Open the lung”, “Safe the lung”... –  
How I would ventilate on ECMO  
Luciano Gattinoni/Italy, Germany

12:10  Optimal weaning strategy – Bloodflow or gasflow or FdO2?  
Dan Brodie/United States of America

12:30  Predicting outcome – Where we are, where we fail,  
how we may succeed  
Tone Enger/Norway

12:50  Questions and discussion

13:10  Lunch

**Session 3: Circulatory Support – VA-ECMO**

*Moderation:* Lars Maijer/Germany, Roberto Lorusso/Netherlands

14:00  CO₂-Monitoring – A long under-recognized entity?  
Vin Pellegrino/Australia

14:20  Unloading the LV – Theory and practice 2021  
Roberto Lorusso/Netherlands

14:40  Massive capillary leakage and abdominal compartment –  
Any meaningful intervention?  
Nicolas Brechot/France

15:00  The unweanable – Also the unsavable?  
Christof Schmid/Germany

15:20  Questions and discussion

15:40  Coffee

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In conjunction with the symposium a VA-ECMO course will be organized from the 9th until 11th of March.

The course language will be German.  
maximum number: 30 participants  
for more information see: www.ecmo-regensburg.de