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Online registration:
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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

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
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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.

Sponsors

Fresenius Medical Care GmbH	1.500 €
Getinge	2.000 €
NovaLiva	2.000 €

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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

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: LivaNova
15:30	Coffee Break
16:00	Group 4, 5, 6: Hands-on: Getinge Group 1, 2, 3: Hands-on: LivaNova
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	ECCO₂R: technique and devices, efficiency
09:30	ECCO₂R: 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/ Practice of Proning and Mobilization
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/ Practice of Proning and Mobilization
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/ Practice of Proning and Mobilization
16:00	Coffee Break
16:30	Ward rounds and case presentation
18:00	End of Program - Day 3

Thursday, October 4th, 2018

08:30	Weaning from VA-ECMO, weaning failure and further options
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: Clinical Scenarios: Problems and Solutions
15:30	Coffee Break
16:00	Group 4, 5, 6: Hands-on: Xenios Group 1, 2, 3: Clinical Scenarios: Problems and Solutions
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	Trouble shooting hypoxemia on ECMO and thresholds for transfusion
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