Adult ECMO Training Course Regensburg 2019

Venue and Date
September 30 - October 4, 2019
University Hospital Regensburg
Lecture hall A2 and course rooms (West entrance)

Yes, I am participating (IEC-1909) ☐

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

Scientific Committee
PD Dr. Matthias Lubnow,
Mr. Alois Philipp,
Prof. 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, 2019 1500 €
Regular fee after July, 31, 2019 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.

Information

Registration

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

Adult ECMO Training Course Regensburg 2019

Venue and Date
September 30 - October 4, 2019
University Hospital Regensburg
Lecture hall A2 and course rooms (West entrance)

Yes, I am participating (IEC-1909) ☐

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

FOTO: © UKR/Klaus Völcker, © Werner Krüper
Stated by: April 2019

ECMO Centre University Hospital Regensburg

2ND ADULT ECMO TRAINING COURSE REGensburg 2019

Lecture hall A2 and course rooms (West entrance)
September 30 - October 4 2019

www.ecmo-regensburg.de
Dear colleagues,

Extracorporeal life support (ECLS) continues to rapidly expand worldwide and has become an accepted therapeutic option for critically ill patients. Modern ECMO can save lives in severe circulatory and respiratory failure in all age groups. Many consider this new technology as the most important innovation in recent critical care medicine.

However, to be successful, training and experience are indispensable. Both the knowledge of efficiency of ECMO, but also of potential complications is needed. This had inspired us last year to offer a course on ECLS for adult patients at the ECMO Center of Regensburg. As the response was very positive, and ELSO officially endorsed the course, we want to repeat this training opportunity on an annual basis. The course, including both lectures and hands-on, will again be an introduction into ECMO therapy in Critical Care today, embedded within state-of-the-art conventional treatment. A printed and electronic script in combination with the ELSO Red Book will allow ongoing training.

Regensburg has hosted the 4th international congress of the EuroELSO 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 Regensburg.

Thomas Müller  Alois Philipp  Dirk Lunz  Matthias Lubnow

Preliminary Program
Monday, September 30, 2019

08:00  Registration
08:30  Welcome and introduction
08:45  History of ECMO and ELSO
09:15  Basics: Physiology of gas transfer
09:45  Basics: The ECMO Circuit
10:15  Questions/discussion
10:30  Coffee Break
11:00  Mechanical ventilation in ARDS, adjunctive options
11:30  VV-ECMO in severe ARDS: indications, contraindications and initiation
12:00 VV-ECMO: mechanical ventilation
12:30 Lunch Break
13:30  Group 1, 2, 3: Hands-on: Getinge
    Group 4, 5, 6: Practical aspects of ECLS transport
15:30 Coffee Break
16:00  Group 1, 2, 3: Practical aspects of ECLS transport
    Group 4, 5, 6: Hands-on: Getinge
18:00 End of Program - Day 1

Evening  Welcome Dinner in Town

Tuesday, October 1, 2019

08:30  ECCO2: Technique and devices, efficiency
09:00  ECCO2 in COPD and ARDS
09:30  Complications 1: Cannulation
10:00  Questions/discussion
10:30  Coffee Break
11:00  Group 1, 2, 3: Hands-on: Xenios
    Group 4, 5, 6: Hands-on: LivaNova
13:00 Lunch Break
14:00  Group 1, 2, 3: Hands-on: LivaNova
    Group 4, 5, 6: Hands-on: Xenios
16:00  Coffee Break
16:30  Case presentation and discussion: Tracheotomy, extubation, mobilization
17:30 End of Program - Day 2

Wednesday, October 2, 2019

08:30  Advanced cardiac life support 2019
09:00  VA-ECMO: Indication, contra-indication, cannulation
09:30  VA-ECMO: Patient management, monitoring, ventilation
10:00  VA-ECMO: Unloading of the left ventricle
10:30  Coffee Break
11:00  VVA and VAV ECMO: When and how
11:30  E-CPR for IHCA and OHCA
12:00  Neuro-prognostication
12:30  Weaning from VA-ECMO, weaning failure and further options
13:00 Lunch Break
14:00  Group 1, 2: Practical aspects of in-hospital transport / Clinical scenarios: case discussions
    Group 3: Simulation and trouble-shooting / Practice of proning and mobilization
    Group 4: Practice of proning and mobilization / Simulation and trouble-shooting
    Group 5, 6: Flow physiology of cannulation
16:00  Coffee Break
16:30  Ward rounds and case presentation
18:00 End of Program - Day 3

Thursday, October 3, 2019

08:30  Anticoagulation on ECMO: Standards
09:00  Preventive maintenance of devices and indication for exchange
09:30  Complications 2: Thrombosis, HIT, hemolysis
10:00  Complications 3: Bleeding and neurological problems
10:30  Coffee Break
11:00  Trouble shooting hypoxemia on ECMO and thresholds for transfusion
11:30  Practical tips: hemofiltration and beyond
12:00  What went wrong?  Case discussions
12:30 Lunch Break
13:30  Group 1, 2: Flow physiology of cannulation
    Group 3, 4: Practical aspects of in-hospital transport / Clinical scenarios: case discussions
    Group 5: Simulation and trouble-shooting / Practice of proning and mobilization
    Group 6: Practice of proning and mobilization / Simulation and trouble-shooting
15:30 Coffee Break
16:00  Group 1: Simulation and trouble-shooting / Practice of proning and mobilization
    Group 2: Practice of proning and mobilization / Simulation and trouble-shooting
    Group 3, 4: Flow physiology of cannulation
    Group 5, 6: Practical aspects of in-hospital transport / Clinical scenarios: case discussion
18:00 End of Program - Day 4

Friday, October 4, 2019

08:30  ECMO in septic shock
09:00  ECMO in pulmonary embolism
09:30  ECMO in multiple trauma
10:00  Questions/discussion
10:15  Coffee Break
10:45  Weaning from VV-ECMO, weaning failure and further options
11:15  When not to do ECMO – contraindications and ethical considerations
11:45  Quality requirements for an ECMO center
12:15  Knowledge assessment
12:45  Evaluation and final discussion
13:00 Lunch Break
14:00  Group photo and end of program