

General Information



V. Hands-on training 14:00- 18:00

training in small groups (about 5-6 participants each)

- 5.1 Difficult accessibility of the vascular bed: Central lines, intraosseous canulas, new techniques
- 5.2 Difficult accessibility of the airways: Video assisted intubation, airway exchanger, emergency tracheotomy, larynx masks
- 5.3 Postoperative arrhythmia: External pacing in different types of arrhythmia
- 5.4 Drainage of pleural effusion: Different systems and devices and practical training
- 5.5 Assessment of cardiac output and tissue oxygenation: Echocardiography, Electrical velocimetry™ and Near-infrared Spectroscopy

VI. Casual closure at the "Feierling" beer garden and brewery in the historic centre of Freiburg

Faculty

PD Dr. Raoul Arnold
Congenital Heart Disease / Pediatric Cardiology, ZKJ, University Medical Center Freiburg

Dipl. Ing. Christoph Benk
Cardiac and thoracic surgery, perfusionist, University Medical Center Freiburg

Dr. Thilo Fleck
Congenital Heart Disease / Pediatric Cardiology, ZKJ, University Medical Center Freiburg

Dr. Jochen Grohmann
Congenital Heart Disease / Pediatric Cardiology, ZKJ, University Medical Center Freiburg

PD Dr. Nicolaus Haas
Director Catheterization Laboratory, Pediatric Intensive Care, Herz- und Diabeteszentrum, Bad Oeynhausen

Dr. Frank Humburger
Dept. of Anaesthesiology, University Medical Center Freiburg

PD Dr. Markus Krüger
Neonatology and pediatric intensive care, ZKJ, University Medical Center Freiburg

Dr. Evelyn Lechner
President of the AEPC- WG Intensive Care, Pediatric cardiology, Landes- Frauen- und Kinderklinik Linz, Austria

Prof. Dr. Ingram Schulze-Neick
Director, UK Service for Pulmonary Hypertension in Children; Cardiac Unit; Great Ormond Street Hospital, London, UK

PD Dr. Matthias Siepe
Pediatric cardiac surgery, University Medical Center Freiburg

Prof. Dr. Brigitte Stiller
Professor of Pediatrics, Director Dept. of Congenital Heart Disease / Pediatric Cardiology, University Medical Center Freiburg

For the course please register at:

www.kongress-kommunikation.de

Participants 20 - 25 trainees in pediatric cardiac intensive care from all over Europe

The course will take place in the hotel „Stadt Freiburg“, Breisacher Str. 84, D-79110 Freiburg

In this hotel we also have an accommodation option for you.

The course fee is EUR 250,- including all material, coffee break, lunch and wine testing evening

Organiser

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Zentrum für Kinder- und Jugendmedizin

in cooperation with

kongress & kommunikation gGmbH
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Registration / Organisation

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Sponsor

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Second Junior Teaching Course for Pediatric Cardiac Intensive Care (PCIC)

Continuing Medical Education Points (CME) were applied



15. – 17.03.2012
Freiburg/Germany

PROGRAM



Dear Colleagues,

It is our great pleasure to invite you to the Second Junior Teaching Course for Pediatric Cardiac Intensive Care (PCIC) to Freiburg. After the success of our first course in October 2010 we were encouraged to repeat this hands-on training in pediatric cardiac intensive care.

With max. 25 participants only, we are again targeting pediatric cardiology ICU trainees from Europe. Starting with a Get-together at Thursday evening we will have 2 whole days each with 4 h interactive lectures in the morning and 4 h hands-on-training in small groups in the afternoon.

We are delighted to have the support from important providers of mechanical circulatory support systems which enables us focussing on handling and troubleshooting to improve the ECMO, ECLS and VAD-support. Other main topics like pulmonary hypertension, medications to treat low cardiac output and practical aspects regarding airway access, central lines, cardiac output measurement and calculations will be presented. We will put emphasis on the discussion of current therapeutic and diagnostic challenges in a collegial friendly private atmosphere.

This meeting is hosted in Freiburg, one of the most beautiful wine regions and close to Switzerland and Alsace. Looking forward to see you in Freiburg

On behalf of the AEPC-WG intensive care and the organisation committee

Yours,

Brigitte Stiller

Evelyn Lechner

Thursday 15.03.2012

Get together evening at the "Hotel Stadt Freiburg" from 18:00 onwards

Friday 16.03.2012

I. Interactive lectures: 8:30- 12:30

Part 1 Pulmonary Hypertension

1.1 Assessment of pulmonary hypertension in the cath lab: what should we measure, how to calculate shunts, resistances and cardiac output
Nikolaus Haas MD, Bad Oeynhausen / Germany

1.2 How to treat acute pulmonary hypertension in the ICU? Is there evidence for O₂, NO, Sildenafil, Bosentan or Prostaglandine?

How to treat chronic pulmonary hypertension?
Ingram Schulze-Neick MD, London / UK

Coffee break 10:15– 10:45

Part 2 Mechanical Circulatory Support:

Different systems and devices (ECLS, ECMO, centrifugal pump, pneumatic pulsatile devices.....)

2.1 The Perfusionists view
Christoph Benk, Freiburg

2.2 The Surgeons view
Matthias Siepe MD, Freiburg

2.3 The Intensivists view
Brigitte Stiller MD, Freiburg

Lunch break 12:30- 13:30

II: Hands-on training on Mechanical Circulatory Support: 13:30- 17:30

Coffee break 15:30- 16:00

Hands-on training in small groups (about 5-8 participants each) with the different devices like ECMO, Centrifugal pumps, Pneumatic driven pulsatile pumps.

III. Dinner and social event together

Saturday 17.03.2012

IV. Interactive lectures: 8:30- 12:00

Part 3 The univentricular heart

3.1 Hypoplastic left heart syndrome (HLHS): Estimation of the degree of shunting in univentricular physiologie. Treatment before and after Norwood I procedure in the PCIC.
Evelyn Lechner MD, Linz / Austria

3.2 Characteristics and pit falls in the intensive care treatment after Glenn and TCPC surgery
Brigitte Stiller MD, Freiburg

Coffee break 10:00– 10:30

Part 4 Medication in the Pediatric Cardiac Intensive Care unit

4.1 Catecholamines: Why? When? Which?
Raoul Arnold MD, Freiburg

4.2 Invasive hemodynamic monitoring: what, when and how to measure...?
Nikolaus Haas MD, Bad Oeynhausen / Germany

4.3 Introduction into difficult airway management and other aspects of pediatric ICU
Marcus Krüger MD, Freiburg
Frank Humburger MD, Freiburg

Lunchbreak and walk to the cathedral and the local market 12:00- 14:00

