



AEPC Cardiovascular Intensive Care Training Course

03.04.2025
04.04.2025

Simulation
16 teaching hours

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Elevate Your Pediatric Cardiovascular Intensive Care Expertise.

Join the **AEPC Cardiovascular Intensive Care Training Course** and acquire cutting-edge skills in managing pediatric patients with critical cardiovascular conditions. Over two days, learn from international experts, participate in hands-on sessions, and tackle real-world scenarios through high-fidelity simulations.

Transform your approach to cardiovascular intensive care medicine and become a leader in this essential field. Be inspired, gain new skills, and be ready to make a difference.

Course Directors

Nicole Sekarski

CHUV | Centre hospitalier universitaire vaudois.

Joan Sánchez-de-Toledo

SJD Barcelona Children's Hospital.
On behalf of the AEPC CVICU WG.

Venue

PCCB Auditorium, SJD Barcelona Children's Hospital Classromm Darwin

Calle de Santa Rosa, 39-57 08950 Esplugues de Llobregat (BCN)

Registration Fees

This includes course registration fee for 2 days, course material / hands-on, lunch & refreshments during coffee breaks & first-night dinner.

Juniors: 250 € / Seniors: 500 €

Virtual course: live lectures w/o hands-on: 100 €

https://bit.ly/aepe_cardiovascular_2025



Contacto

SJD Barcelona Children's Hospital

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European EAACME (SEAFORMEC) accreditation has been requested

Learning methodology

Hybrid format	
Exchange of experiences	
Tutoring with experts	
Practical experience in small groups	
Active and collaborative learning	

Faculty

Dimpna Calila Albert

Pediatric Cardiologist, Consultant. Pediatric Heart Failure & Heart Transplant Program. Heart Center. KFSH & RC. Riyadh, KSA.

Marta Camprubí-Camprubí

Neonatology. Hospital Sant Joan de Déu, Barcelona - Universitat de Barcelona. Barcelona, Spain

Cristina Carrasco

NICU consultant. Director, Neonatal ECMO. Hospital Sant Joan de Déu Barcelona.

Juan Carretero Bellon

Pediatric Cardiology, Pediatric Heart Center. Hospital Sant Joan de Déu, Barcelona, Spain.

Montse Fontanals

Pediatric Anesthesia, Hospital Sant Joan de Déu Barcelona.

Stefano Congiu

Department of Cardiovascular Surgery, Pediatric Heart Center Hospital Sant Joan de Déu, Barcelona, Spain

Alex Fernandez

Department of Cardiovascular Surgery, Center for Congenital Heart Diseases. Hospital Sant Joan de Déu & Hospital Clinic. Barcelona, Spain.

David Ferri Rufete

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Andrea Greco

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Raul Montero Yéboles

Pediatric Intensive Care Unit. Hospital reina Sofía, Córdoba, Spain.

Bosco Moscoso

Department of Cardiovascular Surgery, Center for Congenital Heart Diseases. Hospital Sant Joan de Déu & Hospital Clinic. Barcelona, Spain.

Ricardo Munoz

Division of Cardiac Critical Care Medicine
The George Washington University School of Medicine
Children's National Hospital. Washington, US

Cho Ng

Consultant in Paediatric Cardiac Intensive Care, Great Ormond Street Hospital for Children, London, UK

Martí Pons Odena

Pediatric Intensive Care Unit & Pediatric Home Ventilation Programme.

Hospital Sant Joan de Déu, Barcelona - Universitat de Barcelona
Barcelona, Spain. Educational Board member of ESPNIC.

Fredy Prada

Director, Cardiac Catheterization Laboratory, Hospital Sant Joan de Deu Barcelona.

Joan Sanchez de Toledo

Pediatric Cardiology, Pediatric Heart Center. Hospital Sant Joan de Déu, Barcelona, Spain. Division of Cardiac Critical Care Medicine
Children's Hospital of Pittsburgh, University of Pittsburgh, PA.

Georgia Sarquella-Brugada

Pediatric Arrhythmias, Inherited Cardiac Diseases and Sudden Death Unit,
Pediatric Heart Center. Hospital Sant Joan de Déu, Universitat de Barcelona. Barcelona, Spain.

Damien Schaffner

Department of Congenital Heart Disease, Pediatric Cardiology, Deutsches Herzzentrum der Charité, Berlin, Germany.

Nicole Sekarski

Pediatric Cardiology, Department of Pediatrics. CHUV | Centre hospitalier universitaire Vaudois. Lausanne, Switzerland.

Angelika Weber

AMEOS Clinic St. Elisabeth Neuburg. Academic Teaching Hospital of the University of Regensburg. Pediatric Intensive Care Unit.

Nadya Youseff

Pediatric Intensivist. AMEOS Klinik St. Elisabeth, University of Regensburg Neuburg an der Donau, Germany.

Thursday April 3rd 2025

08:15 -
08:30 h Welcome and Introduction

08:30 -
09:00 h **Basic Physiology and Monitoring**

09:00 -
09:30 h **Cardiopulmonary Interactions**

09:30 -
10:00 h **Mechanical Ventilatory Support**

10:00 -
10:30 h *Coffee Break.*

10:30 -
11:00 h **Cath Data interpretation**

11:00 -
11:30 h **Echocardiography in the CICU (MCC & FOCUS)**

11:30 -
12:00 h **Looking outside the heart**

12:00 -
14:00 h **Lunch lecture:** *Postoperative arrhythmias & Challenging EKGs*

Simulation.

14:30 -
16:00 h

Hands-on (4 sub-groups)
Cath Data [D]/ MCS [A]
Simulation [B] / POCUS [C]

16:00 -
16:30 h *Coffee Break.*

16:00 -
18:00 h

Hands-on (4 sub-groups)
Cath Data [D]/ MCS [A]
Simulation [B] / POCUS [C]

20:00 h **Dinner remarks (TBD)**

Friday April 4th 2025

08:15 -
09:00 h **The Basics of Heart Surgery**

09:00 -
09:30 h **Principles of MCC (ECMO & VADs)**

09:30 -
10:00 h **The Transplanted Heart in the CICU**

10:00 -
10:30 h *Coffee Break.*

10:30 -
11:15 h **Care of the Neonate in the CICU**

11:15 -
11:45 h **Neuromonitoring in the CICU**

11:45 -
12:30 h **Single ventricle physiology and management. (Qp/Qs)**

12:30 -
13:30 h **Lunch lecture:** *(Sedation & Analgesia)*

Simulation.

14:00 -
15:30 h

Hands-on (4 sub-groups)
Cath Data [C]/ MCS [D]
Simulation [A] / POCUS & TEE [B]

15:30 -
15:45 h *Coffee Break.*

15:45 -
17:15 h

Hands-on (4 sub-groups)
Cath Data [C]/ MCS [D]
Simulation [A] / POCUS & TEE [B]

17:15 -
17:30 h Feedback and closure.