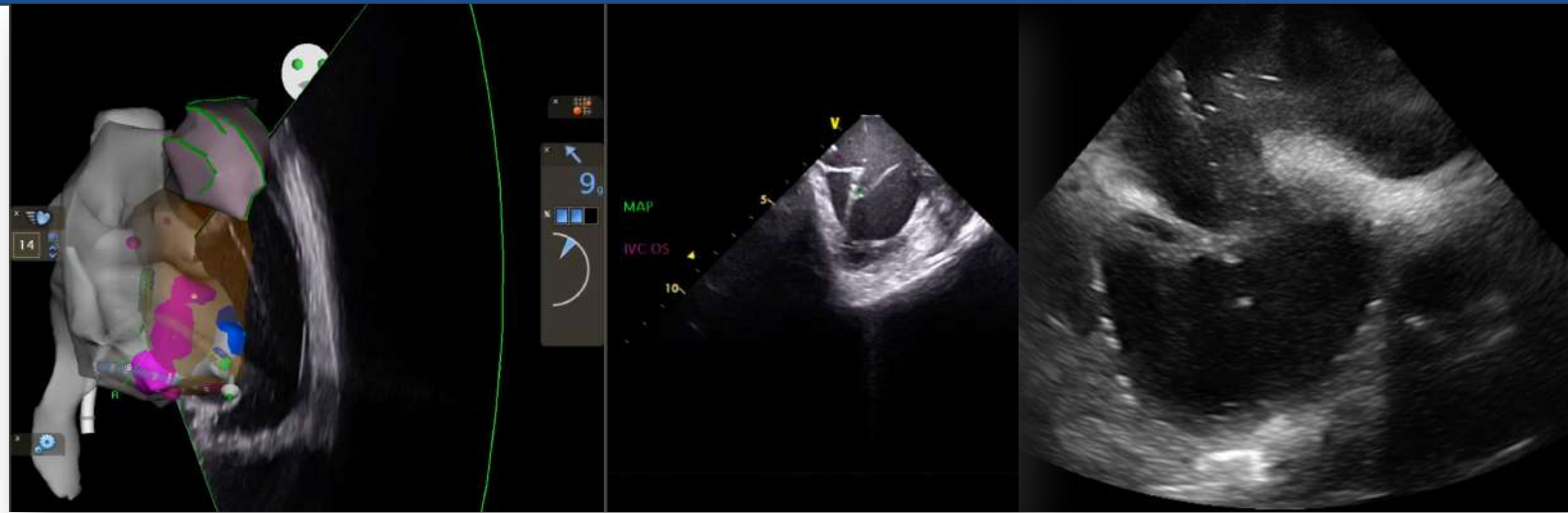




5TH INTRACARDIAC ECHOCARDIOGRAPHY COURSE IN PAEDIATRIC ELECTROPHYSIOLOGY

**19 & 20 th of NOVEMBER 2026
BARCELONA**

Directors:

Dr Ferran Roses-Noguer, Dr Roman Gebauer, Dr. Jaume Francisco

5TH INTRACARDIAC ECHOCARDIOGRAPHY COURSE IN PAEDIATRIC ELECTROPHYSIOLOGY

INTRODUCTION

Catheter ablation of cardiac arrhythmias in paediatric and congenital heart disease patients frequently involves patients with complex cardiac structures. Therefore, 3D electro-anatomical mapping systems are essential tools to approach ablation procedures in paediatric patients to improve efficacy and reduce ionizing radiation exposure. Over the last few years, intracardiac ultrasound has been increasingly used in paediatric and congenital heart disease electrophysiology as it offers excellent visualization of the cardiac anatomy in real-time and allows direct visualization of the catheter during the ablation, improving the safety and efficacy of these procedures. We contributed to expand this knowledge with 4 Editions of the ICE Course where we focused in knowing the anatomy and practicing with simulators.

After completing the previous editions we have trained >30 EP first operators in Europe in ICE and therefore want to keep expanding this knowledge with an advanced Course that will be focused in advanced simulating for Fluoro Zero Transeptal, case-based discussion on clinical applications and with participating ICE in real live cases performed with ICE.

The primary learning objectives of this advanced course are:

1. Practice with intracardiac ultrasound simulators to perform zero fluoroscopy for transeptal puncture and mapping left sided arrhythmias.
2. Learn the planes to guide the ablation of right poster septal accessory pathways inside the coronary sinus and other challenging locations.
3. Show the utility of intracardiac ultrasound in catheter ablation of atrial tachycardia in patients with congenital heart disease.
4. Learn the basic views and essential anatomy in cases of ablations of ventricular tachycardia from the papillary muscles or the right moderator band.
5. Practice in real cases to perform transeptal and ablations with fluoro zero and guided with ICE.

COURSE FORMAT

The course consists of 11 hours and will be held in the Paediatric Cardiology Department at the Vall d'Hebron University Campus in Barcelona.

The course will be offered to expert paediatric electrophysiology consultants around Europe.

Accreditation by the European Accreditation Council for Continuing Medical Education EACCME®, and endorsement by the AEPC Cardiac dysrhythmias and electrophysiology WG has been requested.

REGISTRATION

If you are interested in participating in this meeting, please send an email to Aula Vall d'Hebron: inscripciones@aulavallhebron.cat

ATTENDEES

This course has been designed for paediatric electrophysiology consultants who want to broaden their expertise with intracardiac ultrasound in the EP Lab.

It will be limited to a maximum of 8 attendees, and the practical sessions will be organized in groups of 4 assistants per simulator.

VENUE

Sala d'actes planta 0
Hospital Infantil.
Passeig Vall d'Hebron, 119 – 129
08035 Barcelona



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COURSE PROGRAM

19TH OF NOVEMBER

15:00 - 15:30 Welcome and Introduction

15:30 - 16:30 Cases showing the use of intracardiac ultrasound in ablation of paediatric patients with atrial tachycardias, accessory pathways and atrioventricular nodal reentry tachycardia.

Dr. Ferran Roses-Noguer, Dr. Jaume Francisco, Dr. Roman Gebauer

16:30 - 17:00 [Coffe Brake](#)

17:00 - 19:00 Challenges using the simulators with intracardiac ultrasound systems.

Dr. Ferran Roses-Noguer, Dr. Jaume Francisco, Dr. Roman Gebauer

20TH OF NOVEMBER

08:00 - 08:30 Case presentation

08:30 – 14:30 EP Lab His: Case 1. Paediatric EP ablation

EP Lab Purkinje: Case 2. ACHD EP ablation

EP Lab His: Case 2. Paediatric EP ablation

EP Lab Purkinje: Case 2. ACHD EP ablation

Dr. Ferran Roses-Noguer, Dr. Jaume Francisco, Dr. Roman Gebauer

14:30 - 15:00 Cases debriefing and final comments.

PROGRAM SPEAKERS:

Dr. Ferran Roses-Noguer, MD, PhD

Lead of the Paediatric Cardiology Service. Paediatric and Congenital Electrophysiology Consultant. Vall d'Hebron University Hospital, Barcelona, Spain.

Dr. Roman Gebauer, MD

Dpt. of Paediatric Cardiology, Paediatric and Congenital Electrophysiology, Heart Centre Leipzig, University of Leipzig, Germany.

Dr Jaume Francisco, MD

Cardiac Electrophysiology Consultant. Vall d'Hebron University Hospital, Barcelona, Spain.

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