

AF Ablation – PFA PulseSelect

1. Course Factsheet

Course title	AF Ablation – PFA PulseSelect		
Academic Institution	ERIS Institute	Partner company	Medtronic
Dates	03 – 05 June 2026	Duration	22 hours (In 3 days)
Venue / Modality	Barcelona (Hospital de la Santa Creu i Sant Pau)		
Course directors	Jose Guerra, Gian-Battista Chierchia, Serge Boveda		
Site Coordinator	Conchi Alonso		
Overall learning goals	<ul style="list-style-type: none"> • Recognise AF ablation as standard of care • Interpret left-atrial signals and anatomy • Manage transseptal access and complications • Safely perform AF ablation with PulseSelect 		
Certified competencies	<ul style="list-style-type: none"> • Left-atrial anatomy, • Signal interpretation, • Safe transseptal access, • PulseSelect workflow 		
Material provided	<ul style="list-style-type: none"> • Digital handbook, • Simulation checklist, • Access to ERIS INSTITUTE Academy and Medtronic Academy 		
Assessment	<ul style="list-style-type: none"> • Daily quiz + faculty feedback • Final practical exam (certification model TBD) 		
Credits / certificate	ERIS Institute – Medtronic certificate (in progress)		
Faculties (5 Faculties in total)	Dr. Enrique Rodríguez, Dra. Conchi Alonso, Dr. Jose Guerra Dr. Serge Boveda, Dr. Gian-Battista Chierchia		
Course coordination	elosada@santpau.cat		

2. Detailed Program

Mandatory e-learning (before the in-person Course) TBD

All modules (TBD) before logging in to the live Day 1 session.

Day 1 – Theory & Technology Basics

Time	Session	Speaker
09:00 – 10:00	Left-atrial anatomy (theory)	Jose Guerra
10:00 – 12:00	Porcine hearts dissection workshop	Jose Guerra
BREAK		
12:15 – 13:15	Safe transseptal puncture	Gian-Battista Chierchia
LUNCH BREAK		
14:15 – 15:15	AF ablation guidelines review	Serge Boveda
15:15 – 16:15	Managing complications	Conchi Alonso / Enrique Rodríguez
BREAK		
16:30 – 17:30	Signal interpretation & PVI concepts	Serge Boveda
17:30 – 18:30	PFA systems & PulseSelect	Dominique Klima/Gian-Battista Chierchia

Day 2 – Supervised Simulation (on-site, rotating groups)

Participants split into three groups rotating through three stations (2 h each):

- Signals session.
- Symbionics station: Perform multiple transseptal punctures on a dedicated simulator under guidance of a faculty member.
- Silicon model with PulseSelect: Learn and practice maneuvering and positioning of a Medtronic PFA single shot catheter on a simulator.

Time	Group 1	Group 2	Group 3	Faculty lead
09:00 – 11:00	Signals	Silicon model	Symbionics	Rotation
BREAK				
11:30 – 13:30	Silicon model	Symbionics	Signals	Rotation
LUNCH BREAK				
14:30 – 16:30	Symbionics	Signals	Silicon model	Rotation
BREAK				
16:45 – 17:30	Consolidation & debrief			Panel

Day 3 – Clinical Immersion: real-life conditions & live cases observation

Groups rotate between EP Lab (HSP) and retransmission room for three live PulseSelect cases.

Operators: Enrique Rodríguez/Conchi Alonso/Jose Guerra

Time	Group 1	Group 2	Group 3	Patient / Notes
09:00 – 10:15	Lab HSP	Retrans room	Retrans room	Patient 1
10:15 – 11:15	Debrief and Break			
11:15 – 12:30	Retrans room	Lab HSP	Retrans room	Patient 2
12:30 – 14:00	Debrief and Lunch Break			
14:00 – 15:15	Retrans room	Retrans room	Lab HSP	Patient 3
15:15 – 16:00	Group debrief and Break			
16:00 – 17:00	Evaluation Certification & closing			

Day 3 Key Outcomes



- Deepen understanding of transseptal access & PFA management via expert cases
- Apply best practices in patient selection, tools, tips, signal interpretation
- Achieve hands-on mastery of key AF ablation steps
- Be prepared to perform initial PFA cases with/without proctor

3. Participants

Total: 9 (3 groups of 3)

Selection: CV submission and final validation by the ERIS Board

Requirements: Electrophysiologists proficient in right-atrial ablations, aiming to start AF ablation using PFA. Max 9 participants; CV required; validated by ERIS Board.

