

AF Ablation – PFA, Intracardiac Echo

1. Course Factsheet

Course title	AF Ablation –PFA, Intracardiac Echo		
Academic Institution	ERIS Institute	Partner company	TBC
Dates	14 – 16 October 2026	Duration	22 hours (In 3 days)
Venue / Modality	Brussels (UZ Brussel - VUB)		
Course directors	Alexandre Almorad, Serge Boveda, José Guerra		
Site Coordinator	Ivan Eltsov		
Overall learning goals	<ul style="list-style-type: none"> • Recognise AF ablation as standard of care • Interpret atrial signals and anatomy • Position ICE catheter within right atrium/left atrium? • Manage transseptal access and complications • Explore atrial anatomy with ICE and with PFA Catheter • Safely perform AF ablation with PFA catheter 		
Certified competencies	<ul style="list-style-type: none"> • Left and right atrial anatomy • Main ICE catheter positions • Signal interpretation, • Safe transseptal access, • ICE workflow • PVI workflow 		
Material provided	<ul style="list-style-type: none"> • Digital handbook, • Simulation checklist, • Access to ERIS INSTITUTE Academy 		
Assessment	<ul style="list-style-type: none"> • Daily quiz + faculty feedback • Final practical exam (certification model TBD) 		
Credits / certificate	ERIS Institute certificate		
Faculties (7 Faculties in total)	VUB: Gian Battista Chierchia, Domenico Della Rocca, Alexandre Almorad, Juan Sieira, Andrea Sarkozy External: Dr. Serge Boveda, Dr. José Guerra, Dr Javier Romero		
Course coordination	Email: ivan.eltsov@vub.be		

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 and right atrial anatomy (theory)	Serge Boveda
10:00 – 12:00	Intracardiac echo principles, basic positions	Jose Guerra/Domenico Della Rocca
BREAK		
12:15 – 13:15	Safe transseptal puncture	Alexandre Almorad/Domenico Della Rocca
LUNCH BREAK		
14:15 – 15:15	AF ablation guidelines review	Serge Boveda/Gian Battista Chierchia
15:15 – 16:15	PFA systems	Javier Romero/Alexandre Almorad
BREAK		
16:30 – 17:30	Procedural Workflow	Alexandre Almorad/Javier Romero
17:30 – 18:30	Best Practices and Complication Management	Alexandre Almorad/Andrea Sarkozy

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

Faculties: Fixed 3 - Alexandre Almorad, Javier Romero, Domenico Della Rocca

Extra faculties (when required): Serge Boveda, Jose Guerra, Juan Sieira, Andrea Sarkozy, Gian-Battista Chierchia

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



- Catheter manipulation station
- ICE Station
- Procedure Simulation with 3D Mapping Station (2 in case of 4 groups)

Time	Group 1	Group 2	Group 3	Faculty lead
09:00 – 11:00	Catheter	ICE	Simulator 3DM	Rotation
BREAK				
11:30 – 13:30	Simulator 3DM	Catheter	ICE	Rotation
LUNCH BREAK				
14:30 – 16:30	ICE	Simulator 3DM	Catheter	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 cases.

Operators: Alexandre Almorad and Domenico Della Rocca (+ senior fellow)

Retransmission Room: Serge Boveda, Jose Guerra, Javier Romero

Time	Group 1	Group 2	Group 3	Patient / Notes
09:00 – 10:15	Cathlab	Retrans room	Retrans room	Patient 1 PAF
10:15 – 11:15	Debrief and Break			
11:15 – 12:30	Retrans room	CathLab	Retrans room	Patient 2 PAF
12:30 – 14:00	Debrief and Lunch Break			
14:00 – 15:15	Retrans room	Retrans room	CathLab	Patient 3 PersAF

Time	Group 1	Group 2	Group 3	Patient / Notes
15:15 – 16:00		Group debrief and Break		
16:00 – 17:00		Evaluation Certification & closing		

Day 3 Key Outcomes

- Understanding of ICE principles, capabilities, limitations and basic views
- Deeper understanding of ICE usage, 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 10 participants; CV required; validated by ERIS Board.

4.