

Leadless Pacemaker Training

1. Course Factsheet

Course title	Leadless Pacemaker Training		
Academic Institution	ERIS Institute	Partner company	TBD
Dates	19 – 21 May 2026	Duration	20 hours (In 3 days)
Venue / Modality	Brussels (Vrije Universiteit Brussels)		
Course directors	Domenico Della Rocca, Serge Boveda, Xavier Vinyolas		
Overall learning goals	<ul style="list-style-type: none"> • Drive Awareness & Adoption for Leadless Pacing Therapy • Train & Certify HCPs on implanting Leadless pacemakers 		
Certified competencies	<ul style="list-style-type: none"> • Demonstrate mastery of key components and procedural steps for all implants. • Apply best practices and expert insights to optimize implantation workflows. • Execute multiple implantations and retrievals on customized simulators with proficiency. • Recognize, prevent, and manage procedural complications through evidence-based strategies. • Collaborate effectively within multidisciplinary teams, sharing procedural challenges and solutions. 		
Material provided	<ul style="list-style-type: none"> • Digital manual, • OR checklist, • Access to ERIS INSTITUTE Academy and Manufacturer e-learning system 		
Assessment	<ul style="list-style-type: none"> • Daily quiz • Final practical exam (certification model TBD) 		
Credits / certificate	ERIS Institute + University		
Faculties (4 Faculties in total)	<p>VUB faculty: Domenico Della Rocca, Alexandre Almorad, Ingrid Overeinder, Juan Sieira</p> <p>Non VUB Belgium: Christophe Garweg</p> <p>External NON BE: Xavier Vinyolas/Bieito Campos, Serge Boveda,</p>		
Course coordination	Ivan Eltsov email: ivan.eltsov@vub.be		

2. Detailed Programme

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

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

Day 1 – Introduction to leadless therapy & Leadless Pacemaker system

Time	Session	Speaker
08:30 – 10:30	Leadless Pacing therapy:	Serge Boveda, Xavier Vinyolas.
	Introduction Key Clinical Data Guidelines Patient Selection Opportunities for therapy expansion & discussion on open questions	Christophe Garweg
BREAK		
11:00 – 13:00	Leadless in Practice:	Domenico Della Rocca, Xavier Vinyolas and Serge Boveda
	Lab Set Up Patient Prep & Management Access Management Major Complications Management	
LUNCH BREAK		
14:00 – 16:30	Leadless Pacemaker Didactics:	Domenico Della Rocca, Xavier Vinyolas, Christophe Garweg.
	System Overview Procedure Overview Case Videos Device Interrogation & i2i	
BREAK		
17:00 – 18:00	Tabletop	Christophe Garweg/Daniel Hofer
	Catheter & Implant procedure walkthrough Device Hands-On	

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

The nine participants will be split into three groups. Each group spends 90 minutes at a station, rotates, and repeats until all have completed every activity.

Faculties for Day 2: Xavier Vyniolas, Domenico Della Rocca, Serge Boveda, Alexandre Almorad, Ingrid Overeinder

- Station A: VR Implant Simulation
- Station B: AR / DR Implant Simulation
- Station C: Retrieval Simulation

Time	Group 1	Group 2	Group 3	Faculty lead
08:30 – 09:00	Knowledge Refresh refresh			
09:00 – 10:30	Station A	Station A	Station A	Faculty rotation
BREAK				
11:00– 13:00	Station B	Station B	Station B	Faculty rotation
LUNCH BREAK				
14:00 – 15:00	Station C	Station C	Station C	Faculty rotation
15:00 – 16:30	Roundtable & Implant Best Practices			Faculties
BREAK				
17:00 – 18:00	Interrogation, Follow up & Programming Programming workshop (Programmer step by step) Groups of 3 students studying the same scenario.			Faculty

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

Participants remain in the same three groups of three. For each of the three patients, one group attends the procedure in the Lab, while the other two groups observe in the retransmission room with live faculty commentary and interaction. Groups rotate so everyone experiences at least one case in the lab.

Operators: Domenico Della Rocca, Ingrid Overeinder+ senior EP Fellow

Extra Faculties for Day 3: Xavier Vyniolas, Alexandre Almorad and Serge Boveda for interaction in the retransmission room + (inside the EP Lab)

Time	Group 1	Group 2	Group 3	Patient / Notes
09:00 – 10:15	Lab (VR)	Retransmission room	Retransmission room	Patient 1
10:15 – 11:15		Debrief, Case reports and Break		
11:15 – 12:30	Retransmission room	Lab (VR)	Retransmission room	Patient 2
12:30 – 14:00		Debrief and Lunch Break		
14:00 – 15:15	Retransmission room	Retransmission room	Lab (AR)	Patient 3
15:15 – 16:00		Group debrief and Break		
16:00 – 16:30		Evaluation Certification & closing		

3. Participants

Total: 9 (3 groups of 3)

Selection: CV submission and final validation by the ERIS Board

Requirements

Willing to develop Leadless Therapy Activity in their practice. Already confident with device implantation (Open to EPs and Cardiologist implanters with experience in device implantations and training – priority to implanters of other leadless PMs).