

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 Viñolas		
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)	VUB faculty: Domenico Della Rocca, Alexandre Almorad, Ingrid Overeinder, Juan Sieira Non VUB Belgium: Christophe Garweg External NON BE: Xavier Viñolas, Serge Boveda,		
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 & Pacemaker system, First simulation attempt

Simulations Day 1:

- **VR** Implant Simulation and **AR / DR** Implant Simulation only
- **Station A: Faculty** - Ingrid Overeinder, **Assessment** – Francesca Salgetti
- **Station B: Faculty** - Domenico Della Rocca, **Assessment** – Tommaso Sattin
- **Station C: Faculty**- Serge Boveda, **Assessment** – Ivan Eltsov
- **Rotating Faculty** – Christophe Garweg, Juan Sieira

Time	Session	Speaker
8:30 – 9:00	Introduction, short evaluation	Domenico Della Rocca, Serge Boveda
09:00 – 10:15	Key Clinical Data, Guidelines & Patient Selection Refresher	Serge Boveda
10:15-10:30	BREAK	
10:30-12:00	Leadless in Practice: Lab Set Up Patient Prep & Management Access Management	Domenico Della Rocca
	LUNCH BREAK	
13:00 – 14:30	Leadless Pacemaker Didactics: System Overview, Catheter & Implant procedure walkthrough	Christophe Garweg
14:30 – 16:00	Simulation VR Station	3 Stations
16:00 – 17:30	Simulation AR/DR Station	3 Stations

17:30 – 18:00	Day closure	Serge Boveda, Domenico Della Rocca, Christophe Garweg
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Day 2 – Expert discussions + Continued Supervised Simulation (on-site, rotating groups)

Simulations Day 2:

- **Retrieval Simulation, VR Implant Simulation and AR / DR Implant Simulation**
- **Station A: Faculty** - Ingrid Overeinder, **Assessment** – Francesca Salgetti
- **Station B: Faculty** - Domenico Della Rocca, **Assessment** – Tommaso Sattin
- **Station C: Faculty**- Xavier Vinyolas, **Assessment** – Ivan Eltsov
- **Rotating Faculty** – Serge Boveda, Christophe Garweg, Juan Sieira

Time	Session	Speaker
08:30 – 9:00	Opportunities for therapy expansion & discussion on open questions	Domenico Della Rocca, Serge Boveda
9:00 – 10:00	Procedure Overview Case Videos	Domenico Della Rocca, Xavier Vinyolas
10:00 – 10:30	Major Complications Management	Xavier Vinyolas
BREAK		
10:45 – 12:45	Retrieval Simulation	3 Stations
LUNCH BREAK		
13:30 – 14:15	Device Interrogation & i2i	Ingrid Overeinder
14:15 – 16:00	2 nd Simulation VR Station	3 Stations
16:00 – 17:30	2 nd Simulation AR/DR Station	3 Stations
17:30 – 18:00	Day closure	Serge Boveda, Domenico Della Rocca, Xavier Vinyolas, Ingrid Overeinder

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.

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

Participants remain in the same three groups of three. One group attends the procedure in the Lab, Group 2 observe in the retransmission room with live faculty commentary, Group 3 continue simulation practice. 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 Vinyolas, 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	Simulation	Patient 1
10:15 – 11:15		Debrief, Case reports and Break		
11:15 – 12:30	Simulation	Lab (VR)	Retransmission room	Patient 2
12:30 – 14:00		Debrief and Lunch Break		
14:00 – 15:15	Retransmission room	Simulation	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)

4. Follow-up Plan

Action	Responsible	Deadline
Certificate issuance	ERIS Secretariat	15 April 2026
Upload recordings & slides	ERIS Communication Team	30 Apr 2026
3-month impact survey	ERIS SAB	20 June 2026
Debrief	Course coordination	30 July 2026

Notes

- Times may be adjusted according to rooms, tools and patients' availability and faculty constraints.