

# LBBAP Essentials

## 1. Course Factsheet

<b>Course title</b>	LBBAP Essentials		
<b>Academic Institution</b>	ERIS Institute	<b>Partner company</b>	TBD
<b>Dates</b>	15 – 17 April 2026	<b>Duration</b>	23 hours (In 3 days)
<b>Venue / Modality</b>	Barcelona (Hospital de la Santa Creu i Sant Pau)		
<b>Course directors</b>	José Guerra, Alexandre Almorad, Serge Boveda		
<b>Site Coordinator</b>	Conchi Alonso, Francisco Méndez		
<b>Overall learning goals</b>	<ul style="list-style-type: none"> <li>• Safely perform LBBAP implants</li> <li>• Programme pacemakers with LBBAP</li> <li>• Understand relevant anatomy &amp; pathophysiology</li> <li>• Select patients and manage complications</li> </ul>		
<b>Certified competencies</b>	<ul style="list-style-type: none"> <li>• LBBAP procedure,</li> <li>• device programming &amp; follow-up,</li> <li>• Manufacturer tool handling</li> </ul>		
<b>Material provided</b>	<ul style="list-style-type: none"> <li>• Digital manual,</li> <li>• OR checklist,</li> <li>• Access to ERIS INSTITUTE Academy and Manufacturer e-learning system</li> </ul>		
<b>Assessment</b>	<ul style="list-style-type: none"> <li>• Daily quiz</li> <li>• Final practical exam (certification model TBD)</li> </ul>		
<b>Credits / certificate</b>	ERIS Institute		
<b>Faculties</b> (6 Faculties in total)	Conchi Alonso, Francisco Méndez, Jose Guerra Haran Burri Alexander Almorad/Ingrid Overeinder, Zachary Whinnett/Francisco Moscoso.		
<b>Course coordination</b>	info@eris-eu.eu/elosada@santpau.cat		

## 2. Detailed Programme

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

All modules are mandatory before logging in to the live Day 1 session.

### Day 1 – Theory & Technology Basics

Time	Session	Speaker
09:00 – 10:00	Why LBBAP? Patient selection	Haran Burri
10:00 – 11:00	LBBAP concepts & success criteria (incl. Epicardio)	Alexandre Almorad / Ingrid Overeinder
BREAK		
11:15 – 12:15	Implanting tools & lab preparation	Conchi Alonso
12:15 – 13:15	Step-by-step implant procedure	Haran Burri
LUNCH BREAK		
14:15 – 15:15	Avoiding & managing complications	Zachary Whinnett/Francisco Moscoso
15:15 – 16:15	Difficult cases: tips & tricks	Francisco Moscoso
BREAK		
16:30 – 17:30	Device programming & follow-up	Enrique Rodríguez

### 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.

- Station A: Porcine heart dissection (Wet-lab) – Jose Guerra
- Station B: Path model: lead fixation & catheter slitting – Conchi Alonso / Enrique Rodríguez
- Station C: Mentice LBBAP simulator (full procedure) – Conchi Alonso / Enrique Rodríguez

Time	Group 1	Group 2	Group 3	Faculty lead
09:00 – 10:30	Station A	Station B	Station C	Faculty rotation
10:45– 12:15	Station B	Station C	Station A	Faculty rotation
12:15 – 13:15	LUNCH BREAK			
13:30 – 15:00	Station C	Station A	Station B	Faculty rotation
15:00 – 16:30	Open practice in any Station			Faculty rotation
16:30 – 17:30	Consolidation & debrief			Panel

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

Participants remain in the same three groups of three. For each of the three CSP patients, one group attends the procedure in the Lab HSP, 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:** Dra. Conchi Alonso/ Dr. Enrique Rodríguez/ Dr Francisco Méndez

Time	Group 1	Group 2	Group 3	Patient / Notes
09:00 – 10:15	Lab HSP	Retransmission room	Retransmission room	Patient 1
10:15 – 11:15	Debrief and Break			
11:15 – 12:30	Retransmission room	Lab HSP	Retransmission room	Patient 2
12:30 – 14:00	Debrief and Lunch Break			
14:00 – 15:15	Retransmission room	Retransmission room	Lab HSP	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**

Cardiologists with more than 200 conventional pacemaker implants, CRT experience (>10 as primary or >20 as second operator), basic EP knowledge, on-site equipment & support for LBBAP, willing to start  $\leq 2$  weeks and  $\geq 4$  implants/month.

