



2026

Educational and training programs for Healthcare Professionals

Cardiac Rhythm Management and Electrophysiology





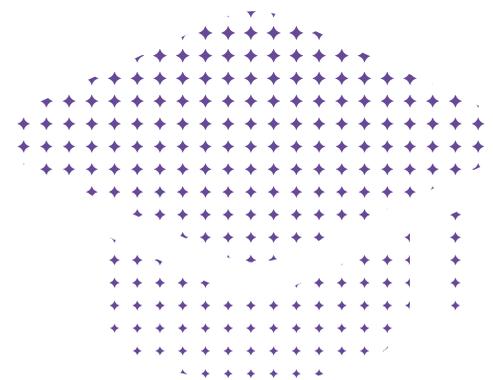
Education is key at MicroPort

MicroPort educational programs are tailored to suit your needs and availability while offering you advanced clinical and technical training.

Our educational identity, engagements and commitments:

- ◆ Tailor-made programs
- ◆ Dedicated and experienced speakers (Healthcare Professionals and MicroPort trainers with more than 20 years of expertise)
- ◆ High quality and most up-to-date content
- ◆ Interactivity
- ◆ International environment

Whether you are an experienced physician, allied professional or EP fellow, you will benefit from exchanging information on best practices and experiences from a variety of clinical settings.



An immersive experience in our training center in Clamart, France

We welcome you in our well-equipped training center

- ◆ 1 amphitheater of 30 seats connected to the latest technologies (smartboard for live interaction on the programmer's screen, a full visio-conference system allowing virtual/hybrid and in person trainings)
- ◆ 1 Programmer room of 15 seats fully equipped with our last generation of programmers and heart simulators
- ◆ 2 CRT lead implantation simulators
- ◆ 1 Left Bundle Branch Area Pacing (LBBAP) simulator

At MicroPort we care about your education!



Interested to see how our devices are manufactured?

Have a unique opportunity to visit our production site at our headquarters in Clamart (Paris area) - the largest clean room in Europe - and to meet and exchange with our R&D engineers.

Training Programs



CRM - Cardiac Rhythm Management

CRM key clinical algorithms at MicroPort Clamart, France	p 12
Brady and Tachy algorithms at Stimuprat, IHU Liryc Bordeaux, France	p 14
CRT Technology & Patient Management at Vusch Hospital, Košice, Slovakia	p 16



EP - Electrophysiology

EP Live Cases at Santa Maria Hospital, Lisbon, Portugal	p 20
Columbus 3D Live Cases at La Paz University Hospital, Madrid, Spain	p 22
Columbus 3D Advanced Live Cases at Virgen del Rocío University Hospital, Seville, Spain ..	p 24
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Registration process

Please contact your local MicroPort representative for additional information on our education programs and registrations.

2026 Training Calendar

 CRM trainings

JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1 T	1 S	1 S	1 W	1 F	1 M	1 W	1 S	1 T	1 T	1 S	1 T
2 F	2 M	2 M	2 T	2 S	2 T	2 T	2 S	2 W	2 F	2 M	2 W
3 S	3 T	3 T	3 F	3 S	3 W	3 F	3 M	3 T	3 S	3 T	3 T
4 S	4 W	4 W	4 S	4 M	4 T	4 S	4 T	4 F	4 S	4 W	4 F
5 M	5 T	5 T	5 S	5 T	5 F	5 S	5 W	5 S	5 M	5 T CRM key clinical algorithms	5 S
6 T	6 F	6 F	6 M	6 W	6 S	6 M	6 T	6 S	6 T	6 F CRM key clinical algorithms	6 S
7 W	7 S	7 S	7 T	7 T	7 S	7 T	7 F	7 M	7 W	7 S	7 M
8 T	8 S	8 S	8 W	8 F	8 M	8 W	8 S	8 T	8 T	8 S	8 T
9 F	9 M	9 M	9 T	9 S	9 T	9 T	9 S	9 W	9 F	9 M	9 W
10 S	10 T	10 T	10 F	10 S	10 W	10 F	10 M	10 T	10 S	10 T	10 T
11 S	11 W	11 W	11 S	11 M	11 T Tachy algo @Liryc	11 S	11 T	11 F	11 S	11 W	11 F
12 M	12 T	12 T	12 S	12 T	12 F @Liryc	12 S	12 W	12 S	12 M	12 T	12 S
13 T	13 F	13 F	13 M	13 W	13 S	13 M	13 T	13 S	13 T	13 F	13 S
14 W	14 S	14 S	14 T	14 T	14 S	14 T	14 F	14 M	14 W	14 S	14 M
15 T	15 S	15 S	15 W	15 F	15 M	15 W	15 S	15 T	15 T	15 S	15 T
16 F	16 M	16 M	16 T	16 S	16 T	16 T	16 S	16 W	16 F	16 M	16 W
17 S	17 T	17 T	17 F	17 S	17 W	17 F	17 M	17 T	17 S	17 T	17 T
18 S	18 W	18 W	18 S	18 M	18 T	18 S	18 T	18 F	18 S	18 W	18 F
19 M	19 T CRM key clinical algorithms	19 T	19 S	19 T	19 F	19 S	19 W	19 S	19 M	19 T	19 S
20 T	20 F CRM key clinical algorithms	20 F	20 M	20 W	20 S	20 M	20 T	20 S	20 T	20 F	20 S
21 W	21 S	21 S	21 T	21 T	21 S	21 T	21 F	21 M	21 W	21 S	21 M
22 T	22 S	22 S	22 W	22 F	22 M	22 W	22 S	22 T	22 T	22 S	22 T
23 F	23 M	23 M	23 T	23 S	23 T	23 T	23 S	23 W	23 F	23 M	23 W
24 S	24 T	24 T	24 F	24 S	24 W	24 F	24 M	24 T	24 S	24 T	24 T
25 S	25 W	25 W	25 S	25 M	25 T	25 S	25 T	25 F	25 S	25 W	25 F
26 M	26 T	26 T	26 S	26 T	26 F	26 S	26 W	26 S	26 M	26 T	26 S
27 T	27 F	27 F	27 M	27 W	27 S	27 M	27 T	27 S	27 T	27 F	27 S
28 W	28 S	28 S	28 T	28 T	28 S	28 T	28 F	28 M Brady algo @Liryc	28 W	28 S	28 M
29 T		29 S	29 W	29 F	29 M	29 W	29 S	29 T @Liryc	29 T	29 S	29 T
30 F		30 M	30 T	30 S	30 T	30 T	30 S	30 W	30 F	30 M	30 W
31 S		31 T		31 S		31 F	31 M		31 S		31 T



OUR CRM TRAININGS

CRM key clinical algorithms MicroPort Clamart (Paris area), France

Course description

This course provides all the tips and tricks when programming MicroPort CRM pacemaker, ICD and CRT devices.

You will benefit from this training even if you are already experienced in MicroPort CRM technology.

Goals of the training

- Understand MicroPort CRM unique algorithms
- Identify all the pacemaker, ICD and CRT programming steps using the programmer



19-20 February 2026
5-6 November 2026



MicroPort headquarters, Clamart, France



On-site training



Language : English



Number of seats : 12

Speakers



Pierre Stiégler, Education Manager
Anne Couturier, Education leader
Nicolas Iscolo, Education leader
Richard Poulet, VP Global Marketing



Audience : MD, Nurses, Technicians

Feedback from our participants

“The possibility to use the programmers after the presentations, the faculty was amazing”

“I liked the tour on R&D leads labs, it was awesome to see how it works”

“Teaching skills of the presenters”

Agenda

DAY 1

9:00 Welcome and MicroPort company presentation

9:45 Factory visit

10:45 *Coffee break*

11:00 R&D lead laboratories

11:45 MicroPort Pacemaker range with device & lead demo

12:15 *Lunch*

13:15 MicroPort pacemaker algorithms

14:30 Pacemaker programmer hands-on

15:45 *Coffee break*

16:00 MicroPort pacemaker algorithms

16:45 Pacemaker programmer hands-on

17:45 End

19:30 *Diner with the team*

DAY 2

8:30 MicroPort ICD/CRT-D range with device & lead demo

9:15 MicroPort ICD algorithms

10:15 *Coffee break*

10:30 ICD Programmer hands-on

12:30 *Lunch*

13:30 MicroPort CRT-D algorithms

14:15 CRT-D Programmer hands-on

15:45 Conclusion and closure

16:00 End

Brady & Tachy Algorithms

Stimuprat, IHU Liryc Bordeaux, France

Course description

This course provides all the tips and tricks when programming MicroPort CRM pacemaker, ICD and CRT devices.

Goals of the training

- Understand in depth MicroPort CRM brady & tachy algorithms through the analysis of real cases.
- Know how to use all pacing modes, smoothing, PMT protection, rate response, SafeR, mode switch, rhythm classification, VT/SVT discrimination algorithm, therapies and troubleshooting management.
- Be prepared for real patient follow-ups.

 11-12 June 2026, **Tachy**
28-29 September 2026, **Brady**
French dates TBC

 IHU Liryc, Bordeaux, France

 On-site training

 Language : English and French

 Number of seats : 14

Speakers
 **Prof. Pierre Bordachar**
Dr. Marc Strik

 Audience Brady : MD, Nurses, Technicians (beginners to intermediate with MicroPort pacemakers)

Audience Tachy : MD (Already familiar with MicroPort ICDs)

 **100% of the attendees would recommend this training**

Agenda

Implantable defibrillators

DAY 1 9:00 → 16:30

DAY 2 9:00 → 13:00

- Discover the MicroPort algorithms through EGM analysis and interpretation of real patient's cases on the programmer and understand the following concepts:
 - o Markers, refractory periods, blanking
 - o Pacing modes with a focus on SafeR
 - o Dual sensors rate response
 - o Mode Switch
 - o Capture and sensing issues, crosstalk, PMT
- Good programming practice according to patient indication
- Programming and follow-up of MicroPort pacemakers approved for LBB area pacing
- MicroPort Academy CRM: videos and interactive cases will be used to improve the patient's care at implantation and follow-up

Pacemakers

DAY 1 9:00 → 16:30

DAY 2 9:00 → 13:00

- Complete programmer user interface tour
- Discover the MicroPort algorithms through EGM analysis and interpretation of real patient's cases on the programmer and understand the following concepts:
 - o Sensitivity, classification, episode detection
 - o VT/SVT discrimination
 - o Therapies
 - o Management of inappropriate therapies
 - o Lead parameter evaluation
- Good programming practice according to patient indication
- MicroPort Academy CRM: videos and interactive cases will be used to improve the patient's care at implantation and follow-up

Feedback from our participants

"I really liked the physician's advices on how he personally programs"

"I liked the high level of knowledge and the experience of both doctors"

"I thoroughly enjoyed the delivery of the training with simulations rather than being spoken to via PowerPoint. It was very conversational and enjoyable"

CRT Technology & Patient Management Vusch Hospital, Košice, Slovakia

Course description

The course is intended for physicians who want to improve their knowledge of CRT-D patient management and practice. It provides an excellent introduction to the SonR technology.

Goals of the training

- Understand all the available tools to diagnose and treat patients with heart failure
- Identify the ideal strategy to approach each individual clinical case
- Apply current CRT implant guidelines
- Implant a CRT device – Anatomy and currently available tools
- Post-implant management of the CRT patient
- Understand automatic weekly optimization at rest and exercise with SonR



2026 dates: on demand



Vusch Hospital, Košice, Slovakia



On-site training



Language : English



Number of seats : 6

Speakers



Prof. MUDr. **Branislav Stančák, Csc**
MUDr. **Erika Komanová, PhD**
MUDr. **Michal Kerekanič, PhD**
MUDr. **Marta Jakubová, PhD**



Audience : MD

Agenda

DAY 1

- | | |
|-------------|----------------------------------------|
| 7:45-8:00 | Welcome and Course Overview |
| 8:00-8:45 | Understanding Heart Failure |
| 9:00-10:00 | CRT for the treatment of Heart Failure |
| 10:00-11:00 | Echocardiography |
| 11:00-Lunch | Implant case #1 |
| 14:00-15:15 | SonR - Automatic Optimization of CRT |
| 15:15-15:30 | Question and Answer session |
| 15:30 | Wrap up and closure of Day 1 |
| 19:00 | <i>Group dinner in Košice city</i> |

DAY 2

- | | |
|-------------|----------------------------------------------------------|
| 8:00-10:00 | Implant case #2 |
| 10:15-11:00 | Post-implant management of the CRT patient |
| 11:00-11:45 | Echocardiography in the Heart Failure patient population |
| 12:00-13:00 | Echocardiography tips and tricks |
| 13:00 | Wrap up and course conclusion |

OUR EP TRAININGS

EP live cases

Santa Maria Hospital, Lisbon, Portugal

Goals of the training

- Understand the workflow of SVT diagnostic maneuvers and ablation treatment
- Visualise Columbus mapping system and how to take the most of it



Dates on demand, only Tuesdays



Santa Maria Hospital, Lisbon



On-site training



Language : English or Portuguese



Number of seats : 10 if online, 3 if in person



Speakers

Prof. Nuno Cortez Dias



Audience : Junior electrophysiologists

Agenda

DAY 1

9:00 Introduction

1st Live Case

Discussion and questions

2nd Live Case

Discussion and questions

14:00 Wrap up

Columbus 3D Live Cases La Paz University Hospital, Madrid, Spain

Columbus V3 Training Sessions

Live Ablation Substrates:
PVC, AVRT, AVNRT, AF, Atrial Flutter



On-Demand Tailored Course



La Paz University Hospital, Madrid, Spain



Available both in-person and online



Language : Spanish or English



Number of seats : 5

Led by **Dr. José Luis Merino LLorens**
Director, Arrhythmia and Robotic EP Unit.
Internationally recognized expert and EHRA
President (2022–2024)



Dr Sergio Castrejón



Audience : Physicians, nurses and MP staff

Agenda

DAY 1

8:00-16:00 Presentation of Columbus 3D

System installation and set-up

Clinical cases presentation

20:00 Meet the experts dinner

DAY 2-4

8:00-16:00 Clinical case presentation

Live ablation cases among the following substrates:

Discussion and questions

PVC, AVRT, AVNRT, AF, Atrial Flutter

Case discussion

Q&A

Columbus 3D Advanced Live Cases Virgen del Rocío University Hospital Seville, Spain

Focus on AF cases
Live Demonstration of Complex
Ablation Cases
Explore New Features:
HD Mapping, AutoMapping and advanced navigation



Monthly (exact dates to be confirmed)



Virgen del Rocío University Hospital, Seville



In person



Language : Spanish or English



Number of seats : 2



Dr Eduardo Arana
Dr Manuel Frutos / Dr Juan Acosta



Audience : Physicians, nurses and MP staff

Agenda

DAY 1&2

8:00-16:00 Presentation of Columbus 3D

System installation and set-up

Clinical cases presentation

AF & AFL Live Cases

Columbus 3D SVT Live Cases Álvaro Cunqueiro University Hospital Vigo, Spain

Focus on SVT cases
Explore New Features:
HD Mapping, AutoMapping and advanced navigation



Monthly (exact dates to be confirmed)



Álvaro Cunqueiro University Hospital, Vigo



In person



Language : Spanish or English



Number of seats : 2



Dr Pilar Cabanas
Dr Elvis Teijeira / Dra Mónica Pardo
Dra María Cespón



Audience : Physicians, nurses and MP staff

Agenda

DAY 1&2

8:00-16:00 Presentation of Columbus 3D

System installation and set-up

Clinical cases presentation

AF & AFL Live Cases

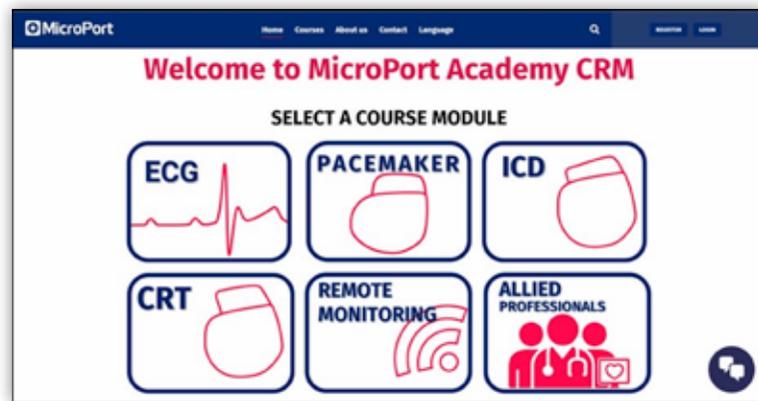
OUR CRM
ONLINE
**LEARNING
SOLUTION**

MicroPort Academy CRM

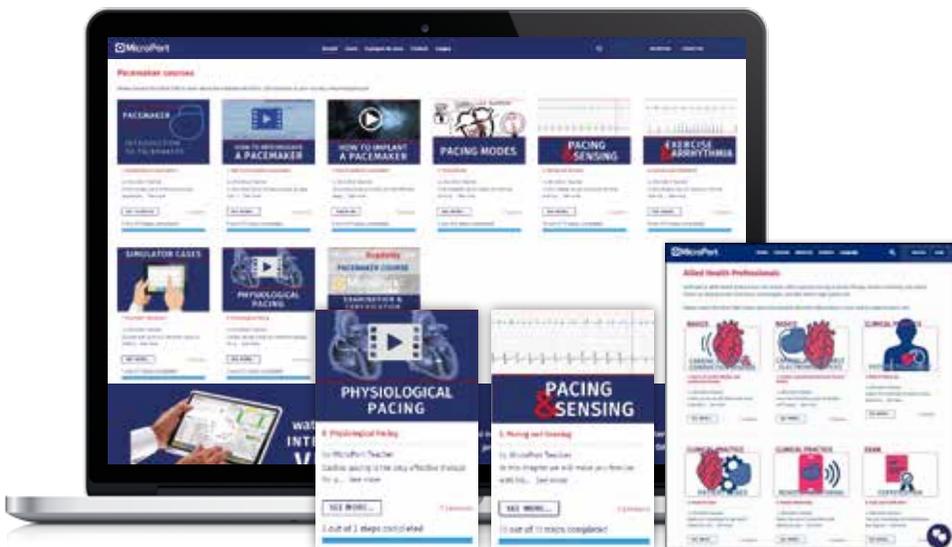
As part of our goal of continuous education, we have developed MicroPort Academy CRM, an online training platform, with the support of StimuPrat company in Bordeaux.

Built upon physician's expertise and experience, this free registration educational website will help enhance Healthcare Professional's knowledge of MicroPort CRM implantable devices.

MicroPort Academy CRM provides you with personalised, relevant, and interactive courses in English and in French on cardiac rhythm therapies whether you are novice or experienced in CRM.



Free access



What you can find

-  6 modules: ECG, PM, ICD, CRT, Remote Monitoring and Allied Professionals
-  Tools to improve your patient's care implantation and follow-up
-  Simulator and programmer cases
-  Step by step courses
-  Interactive videos to help you solve daily situations
-  Quiz and test at the end of each course

Receive your certificate at the end of each module!

Feedback from our users



To register
flash this QR code



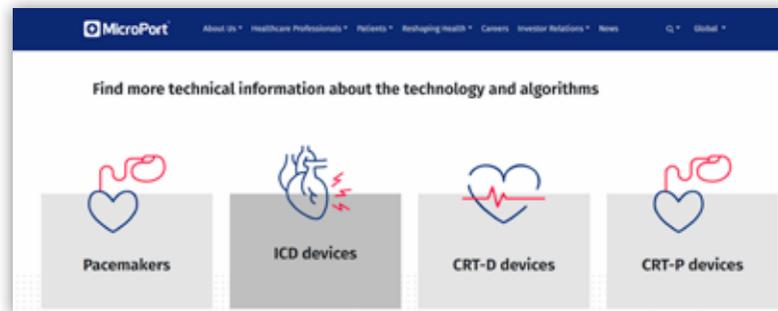
microportacademycrm.com

MicroPort CRM Technical Corner

Tech Corner is a web-based online resource dedicated to Physicians and Healthcare Professionals who are interested in the features and algorithms of MicroPort CRM devices.

The articles contain in-depth technical descriptions of our current technologies.

Articles have been written by our MicroPort CRM technical experts and validated according to our internal approval process.



To register
flash this QR code

Provided by MicroPort CRM.

MICROPORT CRM HEADQUARTERS
4 AVENUE RÉAUMUR
92140 CLAMART - FRANCE

Contact

global-education@crm.microport.com

Registration process

Please contact your local MicroPort representative for additional information on our educational programs and registrations.