

Cardiovascular Center Bethanien (CCB) Frankfurt: FARAPULSE™ PFA in Clinical Practice



CENTRE OF EXCELLENCE — ACADEMY PROGRAMME

HOSPITAL & FACULTY:

CCB at Markus Krankenhaus
Medizinische Klinik III
Medizinisches Versorgungszentrum
Wilhelm-Epstein-Straße 4
60431 Frankfurt

Prof. Boris Schmidt & Prof. Julian Chun

BACKGROUND:

CCB Frankfurt is a high experienced EP center. Prof. Schmidt, Prof. Chun and their team have wide experience both with RF and Cryo energies as well as 3D mapping.

Currently they are one of the most experienced centers with FARAPULSE PFA having done over 400 procedures pulmonary vein isolation procedures. Their PFA procedure workflow Includes pulmonary venous angiography with propofol based sedation.

TARGET AUDIENCE AND ATTENDEES:

- Electrophysiologists who have clinical experience in AF and/or Single Shot current technologies (minimum 20 cases) and will be soon incorporating FARAPULSE PFA technology in their centers
- Allied professionals that have already committed to work in Electrophysiology (EP), have a deep understanding of electrophysiology procedures and a clear commitment to become independent in the utilization of the FARAPULSE PFA System in the Lab.

COURSE DESCRIPTION:

The Centre of Excellence – Academy program has been designed to educate physicians and allied professionals with expert faculties in the utilization of the FARAPULSE PFA system. The course focuses on mastering PVI workflow for paroxysmal AF, system preparation, device handling and positioning and clinical evidence.

During this one-day program, participants will observe live cases, review case studies and center experience, discuss workflows, clinical evidence and share procedural workflow practices.

LEARNING OUTCOMES:

Upon completion of the programme, participants will be able to:

- Understand PFA Biophysics as a non-thermal energy
- Describe PVI workflow for paroxysmal AF with FARAPULSE PFA technology and how to incorporate into clinical practice considering aspects as anesthesia, imaging, PVI validation and case workflow.
- Understand procedural workflow practices with expert physicians including practical aspects of system preparation and handling for optimized co-axial positioning
- Understand the clinical evidence and how the FARAPULSE system was optimized for PFA.

The course is limited to 4 attendees per session.

Agenda will be customized to learners' specific needs identified in advance of attendance.

PROPOSED AGENDA

Timing	Topics
08:15 – 08:30	Welcome and course introduction (Prof. Schmidt/Prof. Chun & BSC Expert)
08:30 – 08:45	FARAPULSE™ PFA Technology deep dive (BSC Expert) <i>Including hands-on session</i>
08:45 – 10:15	LIVE CASE 1 <ul style="list-style-type: none"> • Patient clinical history • Procedure strategy and workflows, including anaesthesia and pre/during imaging • System preparation, FARAWAVE handling and console walkthrough • Practical system understanding and lab team interactions
10:15 – 10:45	Break
10:45 – 11:30	Presentations and Discussion <ul style="list-style-type: none"> • Academy center experience overview (Prof. Schmidt/Prof. Chun) • Procedure workflow recommendations for new users (Prof. Schmidt/Prof. Chun) • PFA biophysics and Clinical Evidence overview (Prof. Schmidt/Prof. Chun)
11:30 – 13:00	LIVE CASE 2 <ul style="list-style-type: none"> • Patient clinical history • Procedure strategy and workflows, including validation of learnings • Discussion of case
13:00 – 13:30	Presentations and Discussion <ul style="list-style-type: none"> • Academy center experience overview (Prof. Schmidt/Prof. Chun) • Procedure workflow recommendations for new users (Prof. Schmidt/Prof. Chun) • PFA biophysics and Clinical Evidence overview (Prof. Schmidt/Prof. Chun)
13:30 – 15:00	LIVE CASE 3 <ul style="list-style-type: none"> • Patient clinical history • Procedure strategy and workflows, including validation of learnings • Discussion of case
15:00 – 15:15	<ul style="list-style-type: none"> • Day review & close

*Agenda timing may vary based on Live Case duration.

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<https://educare.bostonscientific.eu/s/cardiac-electrophysiology>



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