



PHILIPS

Nurses & Technicians

Advances in invasive physiology and intravascular imaging

8-9 October 2026 | Lisbon, Portugal

Speakers

Professor Rasha Al-Lamee

Dr. Ricardo Petraco

Dr. Sayan Sen

Course description

This dedicated course aims to teach all healthcare professionals what they should know about IVUS and physiology. The agenda assumes no knowledge but demands progress, covers the basics while teaching all needed advanced skills for confident use of both modalities.

Objectives

- Understand the basics of coronary physiology and the physics behind ultrasound imaging generation
- Be able to translate such foundation knowledge onto the clinical application of physiological indices and IVUS
- Be familiar with practical aspects of IVUS and pressure guidewire set up and manipulation
- Identify clinical scenarios in which IVUS and physiology are most likely to help decision making and when to avoid them
- Go back to their clinical work with confidence to use both modalities.



Questions?

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Day 1, 8 October 2026

09:00 – 09:10	Welcome and introductions
09:10 – 09:30	Basic IVUS concepts
09:30 – 09:50	IVUS clinical trial data
09:50 – 10:10	Using IVUS in clinical practice
10:10 – 10:30	Common IVUS artefact
10:30 – 11:00	Coffee-break
11:00 – 12:20	IVUS case-based discussion
	IVUS hands-on session
12:20 – 13:30	Lunch
13:30 – 14:50	IVUS case-based discussion
	IVUS case-based discussion
14:50 – 15:30	Coffee-break
15:30 – 15:50	Basic of IVUS co-registration
15:50 – 16:50	IVUS quiz
16:50 – 17:00	Close of the day
19:00 – 21:00	Group Dinner



Day2 , 9 October 2026

09:00 – 09:10	Welcome back
09:10 – 09:30	Basic of coronary physiology
09:30 – 09:50	What are FFR and iFR? What is the evidence base?
09:50 – 10:10	How to measure FFR and iFR: tips and tricks
10:10 – 10:30	iFR co-registration; physiology in left main stem and tandem lesions
10:30 – 10:50	Coffee-break
10:50 – 12:10	iFR case-based discussion
	iFR hands-on session
12:10 – 13:00	Lunch
13:00 – 14:20	iFR case-based discussion
	iFR hands-on session
14:20 – 15:20	Physiology quiz
15:20 – 15:50	Coffee-break
15:50 – 16:00	Close of the day and take-away message

