

AHED - Advanced Health Education
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 / MEDICAL PRACTICES
TECHNICAL CHALLENGES

HEART / INTERVENTIONAL CARDIOLOGY ON CORONARIES

BASIC MODULE

22-M24.1



Advanced
Health
Education
by NOVA Medical School

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COURSE COORDINATORS >> Manuel de Sousa Almeida, MD, PhD
Sílvia Leal, MD, PhD Student

COURSE PRESENTATION

The progressive increase in access and complexity of percutaneous techniques for coronary diagnosis and intervention make its understanding central in the curriculum of the current cardiologist. This course seeks to present, in a dynamic and interactive way, a complete approach of current knowledge and practice in this area.

The course will be structured in two independent modules. This module provides coverage of the basic curriculum of interventional cardiology in coronary disease, seeking to provide the essential knowledge and tools to begin the practice in this area.

LEARNING OBJECTIVES >> KNOWLEDGE AND SKILLS TO DEVELOP

- >> Coronary anatomy and physiology
- >> Pathophysiology of atherosclerotic disease
- >> Equipment and therapy in the Cath Lab
- >> Radiation management and risks
- >> Principles of coronary angiography and angioplasty
- >> Indications, contraindications and strategies for coronary revascularization
- >> Intracoronary physiological and imaging evaluation
- >> Intervention in stable coronary disease and acute coronary syndromes
- >> Main stem angioplasty
- >> Intervention in coronary bifurcations
- >> Intervention in calcified lesions
- >> Intervention in multi-vessel coronary heart disease
- >> Angioplasty of chronic coronary occlusions
- >> Intervention in venous grafts
- >> Revascularization strategies and circulatory support in patients with cardiogenic shock
- >> Advanced life support in the Cath Lab
- >> Prevention and management of complications from coronary intervention

TARGET AUDIENCE

The two modules of this course are complementary but independent, and trainees can choose to attend both or just one of them.

Recipients of the BASIC module:

- a) Fellows of the Interventional Cardiology Sub-specialty
- b) Cardiology residents
- c) Residents from other medical specialties

ADMISSION CRITERIA

CV

ATTENDANCE REQUIREMENTS

80% attendance is mandatory for issuing attendance certificate and CME credits and/or ECTS

MAX. ATTENDEES

20

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AGENDA

2022 / MARCH

MAR 17th

9:00 am – 6:00 pm

@ ANF

- >> Coronary anatomy and physiology
- >> Pathophysiology of atherosclerotic disease
- >> Basic equipment and material: catheters, guide wires, balloons and stents
- >> Therapeutics in the Cath Lab
- >> Radiation risks and management
- >> Vascular accesses
- >> *Session I wrap-up*
- >> Coronary angiography: history, indications and basic techniques
- >> Intracoronary imaging techniques: IVUS and OCT
- >> Coronary functional assessment: FFR, iFR and emerging techniques
- >> Coronary angioplasty: basic principles
- >> Indications and contraindications for PCI
- >> Beyond PCI: definition of revascularization strategies
- >> Clinical case discussion
- >> *Session II wrap-up*

MAR 31st

9:00 am – 6:00 pm

@ ANF

- >> Coronary intervention in stable coronary disease
- >> Coronary intervention in ACS without ST segment elevation
- >> Coronary intervention in AMI with ST segment elevation
- >> Revascularization in specific clinical scenarios: overview
- >> Angioplasty techniques in complex anatomical scenarios: overview
- >> PCI complications: prevention and solving
- >> Clinical case discussion
- >> *Session III wrap-up*

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FACULTY

- >> Afonso Oliveira, MD
- >> António Fiarresga, MD, PhD
- >> Eduardo Infante de Oliveira, MD
- >> Henrique Mesquita Gabriel, MD
- >> João Brito, MD, PhD Student
- >> Lino Patrício, MD, PhD
- >> Luís Raposo, MD, PhD Student
- >> Manuel de Sousa Almeida, MD, PhD
- >> Néilson Vale, MD, PhD Student
- >> Pedro Araújo Gonçalves, MD, PhD
- >> Rita Calé, MD, PhD Student
- >> Rui Campante Teles, MD, PhD Student
- >> Sérgio Madeira, MD
- >> Sílvio Leal, MD, PhD Student

CREDITS >> 1,5 ECTS

DURATION >> 16 HOURS

PRICE >> 700€

INCLUSIONS AND EXCLUSIONS IN PRICE

The price published for each course includes teaching fees, space rental, certificate of attendance, and materials used during the course. The price of the course doesn't include hotel accommodation, lunches, and dinners on course days, nor any other items unless specifically mentioned. Prices of courses published by AHED are exempted of VAT. Other items priced by AHED apart from courses may however include VAT.

APPLICATION, ADMISSION AND REGISTRATION

When applying for a course at AHED – Advanced Health Education, the applicant subjects personal and professional data that will be verified and assessed to check that admission criteria for that specific program are met. Once an application is approved, registration in the course is admitted and will require payment of the price published for the course.

APPLICATION FEES

Application fees are as follows:

-100 € for courses priced above 1000 €

-50 € for courses priced below equal to 1000 € Application fees are non-refundable.

COURSE REGISTRATION FEES

The registration stage is considered completed when the total price of the course is received by AHED.

PAYMENT OPTIONS

Payment options for application and registration include credit card (Visa, MasterCard), wire transfer in Euro, and Multibanco.

EARLY BIRD

Application fees will be discounted from the course price for registrations completed 90 calendar days before the date of the course.

For additional information, please go to in Terms and Conditions at ahed.pt

APPLICATION DEADLINE >> MARCH 10th 2022

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INSTITUTIONAL PARTNERSHIPS >>

NOVA MEDICAL SCHOOL

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