

AHED - Advanced Health Education  
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/ PROFESSIONAL PRACTICES  
TECHNICAL CHALLENGES

# HEART / ADVANCED COURSE IN PERCUTANEOUS IMPLANTATION OF TAVI OPTIMIZATION 20-P1



Advanced  
Health  
Education

by NOVA Medical School

# HEART / ADVANCED COURSE IN PERCUTANEOUS IMPLANTATION OF TAVI OPTIMIZATION

## 20-P1

**COURSE COORDINATOR** >> Lino Patrício, MD, PhD

### COURSE PRESENTATION

Percutaneous aortic implantation of TAVI is currently an alternative to conventional surgery and will be indicated in low-risk patients. However, some problems exist regarding the difficulty in vascular access, choice of prosthesis according to the valvular anatomy, and exact placement of the prosthesis in the aortic annulus, which will influence the percentage of additional definitive pacemakers and the degree of peri-valvular leak. In the course the anatomical, material issues and technical revision will be discussed for a new non transfemoral accesses, such as transcaval access, of which Course Director and his team were pioneers in Europe. This course provides access to the best specialists in the knowledge of TAVI implantation, considering new techniques and the discussion of valve choice, based on anatomical imaging. The knowledge and discussion of implantation will be based on imaging analysis, simulation and printing 3D technologies. With the acquired knowledge, the students will be able to reach better performance of TAVI percutaneous implantation technique, regarding to acquire better clinical results, in intermediate and low-risk patients.

### LEARNING OBJECTIVES >> KNOWLEDGE AND SKILLS TO DEVELOP

- 1 To understand the indications, complications and limitations of the percutaneous TAVI Procedure.
- 2 To understand the femoral access anatomy and angiographic measurements
- 3 To understand trans-cava access and the pathophysiological principles of the retroperitoneal space.
- 4 To train the trans-cava technique for familiarization of the steps to be performed from aortic puncture to closure.
- 5 To review the percutaneous implantation techniques according to the characteristics of the aortic annulus
- 6 To implant several prostheses chosen according to the characteristics of the aortic ring.
- 7 To learn and train new implantation techniques favouring the high implantation in RAO

### TARGET AUDIENCE

Medical Doctors, Nurses, Technicians or Engineers with experience or interest in TAVI

### ATTENDANCE REQUIREMENTS

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

### ADMISSION CRITERIA

>> CV with previous experience related to the course subject

### MAX. ATTENDEES

>> 30

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## AGENDA

**2020 / OCTOBER**

### OCT 29<sup>TH</sup>

3:00 pm - 7:00 pm

@ Nova Medical School (Campo de Santana)

- >> State of the art of percutaneous implantation of TAVI
- >> Femoral accesses indications and complications
- >> Presentation of transcaval access  
Anatomy, material and technique.

### OCT 31<sup>ST</sup>

9:00 am - 12:00 am

@ NOVA Medical School

- >> Discussion on transfemoral access including the transcaval access
- >> Discussion on deployment according to annulus anatomy and new implantation

### OCT 30<sup>TH</sup>

8:00 am - 7:00 pm

@Hospital Santa Marta

@ Nova Medical School (Campo Santana)

- >> Live clinical case of transcaval access
- >> Simulators of transcaval access
- >> Implantation according to the anatomy of the aortic annulus
- >> Simulation of implantation according to the anatomy of the aortic annulus
- >> New implantation Techniques
- >> Simulation of new implantation techniques

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### FACULTY

- >> Lino Patrício, MD, PhD
- >> Cesar Moris, MD, PhD
- >> Hemal Gada, MD
- >> Duarte Cacula, MD
- >> Ruben Ramos, MD
- >> Hagen Kahlbau, MD
- >> Inês Rodrigues, MD

**CREDITS >> 1 ECTS**

**DURATION >> 16 HOURS**

"The Heart: Advanced course in percutaneous implantation of TAVI optimization, Lisbon, Portugal, 29/10/2020-31/10/2020 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **12 European CME credits** (ECMEC®s).



Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity."

**PRICE >> 950 €**

### 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.

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## 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](http://ahed.pt)

**APPLICATION DEADLINE >> SEPTEMBER 29<sup>TH</sup> 2020**

## INSTITUTIONAL PARTNERSHIPS



## SCIENTIFIC PARTNERSHIPS

