

AHED - Advanced Health Education
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HEART / ARRHYTHMIAS MANAGEMENT THREE-DIMENSIONAL MAPPING HANDS-ON COURSE 20-M6



Advanced
Health
Education

by NOVA Medical School



HEART / ARRHYTHMIAS MANAGEMENT

THREE-DIMENSIONAL MAPPING HANDS-ON COURSE

20-M6

COURSE COORDINATOR >> Mário Martins Oliveira, MD, PhD

COURSE PRESENTATION

3D mapping systems in electrophysiology have had significant technological evolution, making it possible to improve the quality of the geometry and activation maps, with real-time visualization of multipolar catheters and their relation to cardiac structures, allowing to obtain simultaneous maps of voltage and activation, automatically, with quick acquisition of high number of points.

The recent introduction in clinical practice of high-density catheters allows high-resolution mapping and reduction in procedural time. Studies are underway with promising results in the use of technological tools that will allow the systematic use of high-definition maps, with a better understanding of the electrophysiological substrates, in particular in more complex arrhythmias, such as atrial fibrillation, atrial tachycardias, atypical atrial flutter, and ventricular tachycardias.

The importance of the use of this equipment in the daily practice of the electrophysiology laboratories justifies the recognition of its potentialities, modalities of use in clinic activity and research, and experience of its applicability in the recognition and ablation of arrhythmogenic substrates. With this course, we aim to contribute to optimize the effectiveness and safety of interventional teams in the treatment of arrhythmias.

LEARNING OBJECTIVES >> KNOWLEDGE AND SKILLS TO DEVELOP

- 1 To acquire fundamental knowledge in the approach of arrhythmias**
- 2 To use 3D mapping systems to implement this methodology in the daily clinical practice of the electrophysiology laboratory**
- 3 To experience the potential of each of the modalities and their technological advantages**

TARGET AUDIENCE

Fellows' (or fellowship candidates) of Cardiac Electrophysiology in the initial phase of subspecialty training.

Allied Professionals with activity (or initiating functions) in an electrophysiology laboratory.

Researchers or engineering professionals/students interested in this area of knowledge.

ADMISSION CRITERIA

- >> Academic background in the mentioned specialties.
- >> CV and motivation letter

ATTENDANCE REQUIREMENTS

100% attendance is mandatory for issuing attendance certificate and CME credits and/or ECTS

MAX. ATTENDEES

- >> 16

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AGENDA

2020 / OCTOBER

OCT 8TH

12:30 pm - 7:00 pm

@ Hospital CUF Tejo

- >> Mechanisms of arrhythmias
- >> Autonomic nervous system influence in arrhythmogenesis
- >> Ablating arrhythmic substrates
Endications, methodology and results
- >> Energy sources in ablation procedures
Today and tomorrow alternatives
- >> Safety issues and management of complications in catheter ablation
- >> Overview of 3D mapping platforms
Geometry, voltage and propagation maps, innovative features

OCT 10TH

9:00 am - 1:30 pm

@ Hospital CUF Tejo

- >> RYTHMIA workflow
- >> Atypical atrial flutter (hands-on procedure)
- >> Course assessment

OCT 9TH

9:00 am - 6:00 pm

@ Hospital Santa Marta

@ Hospital CUF Tejo

- >> CARTO workflow
- >> Atrial Fibrillation ablation (hands-on procedure)
- >> EnSite Navx workflow
- >> Contact and Non-contact Balloon mapping
- >> Ventricular outflow tract arrhythmia ablation (hands-on procedure)

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FACULTY

- > Mário Oliveira, MD, PhD
- > Pedro Silva Cunha, MD
- > Guilherme Portugal, MD
- > Sérgio Laranjo, MD
- > Roberto de Ponti, MD, PhD
- > Pedro Adragão, MD, PhD
- > Diogo Cavaco, MD
- > Bruno Valente, MD
- > Ana Lousinha, MD

ALLIED PROFESSIONALS

- > Ana Sofia Delgado
- > Manuel Braz
- > Margarida Paulo
- > Cátia Guerra
- > Ana Trindade
- > Pedro Valente
- > Sara Broring

DURATION >> 20 HOURS

CREDITS >> 1.5 ECTS

"The Heart: Arrhythmias Management Tridimensional Mapping Hands-On Course, Lisbon, Portugal, 08/10/2020-10/10/2020 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **18 European CME credits** (ECMEC®s).



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



This event is compliant with the MedTech Europe Code of Ethical Business Practice

PRICE >> 1.300 €

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.

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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 >> OCTOBER 4TH 2020

INSTITUTIONAL PARTNERSHIPS



SCIENTIFIC PARTNERSHIPS

