

AHED - Advanced Health Education  
Rua Manuel Joaquim Avelar, 118 - Piso 2  
2750 - 421 Cascais  
phone +351 911 191 954  
info@ahed.pt >> **ahed.pt**



/ PROFESSIONAL PRACTICES  
TECHNICAL CHALLENGES

# **SIMULATION** / ADVANCED SIMULATION TRAINING AND CLINICAL TRANSLATION

20-P2



Advanced  
Health  
Education

by NOVA Medical School

# SIMULATION / ADVANCED SIMULATION TRAINING AND CLINICAL TRANSLATION

## 20-P2

**COURSE COORDINATOR** >> Francisco Maio Matos, MD

### COURSE PRESENTATION

50% to 70.2% of the medical error can be prevented through comprehensive systematic approaches to patient safety. In Europe, the strategies to reduce the adverse events would lead to the prevention of more than 750.000 harm-inflicting medical errors in each year.

Simulation is widely advocated as a means to overcome these problems. It's an educational method or technique to produce an experience without going to the real event that has emerged as complement to traditional clinically based training, demonstrating competency across the spectrum from individual procedures to complex team-based skills.

This powerful learning tool aims to facilitate learning through immersion, reflection, feedback and practice in a safe environment, enabling control over the sequence of tasks offered to learners, providing opportunities to offer support and guidance to learners and creating tasks that rarely occur in the clinical environment.

At the end of the course each participant should be able to develop and run simulation-based programs, acting as a patient safety stakeholder in training and clinical settings.

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

- 1 To create a challenging and safe educational environment
- 2 To define behavioural and technical learning goals
- 3 To prepare, build and conduct realistic simulation scenarios
- 4 To use effective debriefing techniques and knowing how to avoid ineffective ones
- 5 To operate a simulation-based program
- 6 To teach clinical debriefing, speak-up and efficient handouts
- 7 To develop behavioural and educational research possibilities

### TARGET AUDIENCE

Medical doctors and Educators (helpers in the acquisition of knowledge, competencies and/or virtue) and health care professionals with an interest in simulation and teaching.

### ATTENDANCE REQUIREMENTS

95% attendance is mandatory for issuing attendance certificate and CME credits and/or ECTS

### ADMISSION CRITERIA

- >> CV including certificate of tertiary education or above
- >> Preference to attendants working in healthcare or/and biomedical education.

### MAX. ATTENDEES

- >> 18

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AGENDA  
**2020 / JULY**

## JUL 2<sup>ND</sup>

8:30 am - 6:30 pm

@ Nova Medical School (Campo Santana)  
NOVA MedSim

- >> How to create a challenging  
and safe clinical environment  
Human factors in the clinical setting  
Medical error  
Patient safety road map
- >> Simulator-based medical education  
Biomedical education theories  
Kolb cycle  
Simulation as a teaching tool
- >> Simulation scenario
- >> Simulation scenario design  
Defining learning goals  
Scenario action plan  
Test and run
- >> Debriefing  
Effective debriefing techniques  
From judgmental to Good Judgment  
Frames, actions, results  
Objective oriented debriefing
- >> Developing a course exercise

## JUL 3<sup>RD</sup>

8:30 am - 6:30 pm

@ Nova Medical School (Campo Santana)  
NOVA MedSim

- >> Crisis resource management  
CRM principles  
Principles in action
- >> Developing a course exercise
- >> Creating a simulation-based curriculum  
How to address learners needs  
Learning outcomes  
Assessment
- >> Translational simulation  
Clinical debriefing, speak-up  
and efficient handouts  
Educational research possibilities
- >> Developing a course exercise

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## FACULTY

>> José Fragata, MD, PhD  
>> Pedro Garcia MD

>> Francisco Maio Matos, MD  
>> David Grant, MD

**CREDITS >> 2 ECTS**

**DURATION >> 20 HOURS**

"The Simulation: Advanced simulation training and clinical translation, Lisbon, Portugal, 02/07/2020- 03/07/2020 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **15 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 >> 1650 €**

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

**APPLICATION DEADLINE >> JUNE 2ND 2020**

## INSTITUTIONAL PARTNERSHIPS



## SCIENTIFIC PARTNERSHIPS

