

AHED - Advanced Health Education
NOVA Health Campus
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MULTIPROFESSIONAL CARE
INTEGRATION CHALLENGES

PAEDIATRICS / EMERGENCIES

SIMULATE TO AVOID ERRORS

2nd Edition



Advanced
Health
Education

by NOVA Medical School

PAEDIATRICS / EMERGENCIES

SIMULATE TO AVOID ERRORS

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COURSE COORDINATOR >> Pedro Garcia, MD

COURSE PRESENTATION

This course is a unique opportunity for general paediatricians, paediatricians with expertise in specific areas, general and family physicians, anaesthesiologists and surgeons to upgrade or acquire knowledge in multiple areas of paediatrics. It is known that specialization is a legitimate goal of every doctor, but knowledge of the fundamental areas of paediatrics is an enormous professional and personal value that must be cherished, implemented and encouraged among young doctors aiming to know the child as a "whole". Actually, the "whole" can only be fully appreciated if we know the parts.

This course is comprised of 5 modules. Each module focuses on a specific paediatric emergency intervention act. Participants will be required to complete a pre- and post-module assessment for each module.

The 5 modules are:

- Module 1 – Assessment and stabilisation of the critically ill child
- Module 2 – Cardiorespiratory resuscitation (basic and advanced life support)
- Module 3 – Invasive Procedures in Paediatrics and Neonatology
- Module 4 – Paediatric and Neonatal Transport (TIP/ INEM)
- Module 5 – High-fidelity Scenarios

Simulation-based teaching will use high-fidelity simulation, simulation with software/multimedia, simulation of clinical practice and procedures

LEARNING OBJECTIVES >> *KNOWLEDGE AND SKILLS TO DEVELOP*

- >> To demonstrate how to act on the main critical situation in paediatrics
- >> To practice in a high-fidelity model resuscitation procedure
- >> To practice procedures needed for a safe inter-hospital transport
- >> To teach and practice how to diagnose and treat severe common conditions

LOCATION

The course will be held at AHED – Advanced Health Education's headquarters in Carcavelos, Cascais, part of the NOVA Health Campus. Some modules may take place at NMS' Centre for Simulation and Techniques in Paediatrics, at Dona Estefânia Hospital, at the Advanced Simulation Centre of the same hospital and at the Advanced Simulation Centre on Maternal and Child Health at NMS. Eventually, some modules may occur in Hospital Services according to the needs of the module.

TARGET AUDIENCE

Medical Doctors and Nurses

ADMISSION CRITERIA

- >> CV and Motivation Letter

ATTENDANCE REQUIREMENTS

For attendance certification as well as awarding CME credits and/or ECTS it is mandatory to complete:

- >> 100% attendance
- >> Evaluation

MAX. ATTENDEES >> 20

DURATION >> 40 HOURS

CREDITS >> 3 ECTS

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PROGRAMME

2024 / FEBRUARY

Feb 9th

9:00 am – 6:00 pm

MODULE 1

Assessment and stabilisation of the critically ill child

- >> Recognition of the critically ill child
- >> PAT – Paediatric Assessment Triangle
- >> Clinical cases
- >> Simulated patient scenarios

Feb 23rd

9:00 am – 6:00 pm

MODULE 2

Cardiorespiratory resuscitation (basic and advanced life support)

- >> ABC evaluation
- >> Airway management
- >> Resuscitation drugs
- >> Defibrillation
- >> Basic life support algorithm and training
- >> Advanced life support algorithm and training
- >> Resuscitation specific conditions
- >> Hypothermia
- >> Ethics in cardiorespiratory resuscitation

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PROGRAMME

2024 / MARCH

Mar 1st

9:00 am – 6:00 pm

MODULE 3

Invasive procedures in Paediatrics and Neonatology

- >> Airway management
Including Difficult Airway approach
- >> Vascular access (ultrasound-guided)
- >> Intraosseous access
- >> Thoracocentesis
- >> Paracentesis
- >> Pericardiocentesis

Mar 15th

9:00 am – 6:00 pm

MODULE 4

Paediatric and Neonatal Transport (TIP/ INEM)

- >> Organisation of a paediatric and neonatal transport system
- >> Planning the specifics for a transport
- >> Planning the equipment
- >> Criteria for transport
- >> Evaluation and stabilisation at the hospital of origin
- >> Arrival at the Intensive Care Unit
- >> Aero-transport specificities
- >> Trauma patient transport
- >> Hypothermia patient transport

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PROGRAMME

2024 / APRIL

Apr 12th

9:00 am – 6:00 pm

MODULE 5

High Fidelity Scenarios

- >> High fidelity simulation scenarios, using high-end manikins that mimic a real patient
- >> Training focused on different medical and surgical clinical emergencies
- >> Multidisciplinary teams evaluation and acting
- >> Development of technical and non-technical skills
- >> CRM – Crisis Resource Management application
- >> Debriefing
- >> Take-home messages

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FACULTY

- >> Francisco Abecasis, MD, PhD
- >> João Estrada, MD
- >> Marta Oliveira, MD
- >> Pedro Garcia, MD
- >> Rui Domingues, MD
- >> Vera Brites, MD

INSTITUTIONAL PARTNERSHIPS >>



SCIENTIFIC PARTNERSHIPS >>



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Application Deadline: JANUARY 21st 2024

APPLYING FOR ANY MODULE >>

Application Fee: 50€

Tuition Fee: 450€ VAT exempted

APPLYING FOR THE FULL COURSE >>

Application Fee: 100€

Tuition Fee: 1600€ VAT exempted

Application fees are non-refundable*

Secure your spot!
Apply **HERE!**

INCLUSIONS AND EXCLUSIONS IN PRICE

The price published for each course includes coffee breaks, lunch meals, teaching fees, space rental, certificate of attendance, and materials used during the course. The price of the course doesn't include hotel accommodation, 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 agrees to subject personal and professional data. This data will be verified and assessed to check that the applicant meets the admission criteria for the specific programme.

Once an application is approved, the participant is admitted and payment of the tuition fee will be required to complete the registration.

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



AHED – Advanced Health Education has received certification from DGERT as an education provider for all training programs for health care professionals. Courses, procedures and practices are in accordance with training quality standards.