

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

 / MEDICAL PRACTICES
TECHNICAL CHALLENGES

ANAESTHESIA

TAILORED ANAESTHESIA FOR
THE ELDERLY PATIENT

23-M32



Advanced
Health
Education

by NOVA Medical School

ANAESTHESIA / TAILORED ANAESTHESIA FOR THE ELDERLY PATIENT

23-M32

COURSE COORDINATOR >> Helena Gomes Santos (MD), Diana Henriques (MD), Diogo Martins (MD)
& Ria Lakhani (MD)

COURSE PRESENTATION

This course intends to equate and demonstrate the relevance of multiple aspects of perioperative medicine in the elderly patient - a surgical population with increasing representation. The structure of the course will highlight the multidisciplinary approach required for a better understanding of the topic, highlighting the physiological impact of the aging adult for anaesthesia and surgery.

The course initially highlights the preoperative evaluation, consequences of diminishing multiorgan functional capacity, the possibilities for preventing complications (namely cognitive disorders) and the multiplicity of comorbidities with inherent polymedication.

The third and final phase of the course aims to articulate points discussed above, with the postoperative period. The course will focus on the discussion of complications during this period, the mitigation of postoperative pain, level of care required during this period (admission to ICU) and the ethical values that must prevail during decision-making, demonstrating not only the perspective of the anaesthesiologist but also that of the surgeon and intensivist.

LEARNING OBJECTIVES >> KNOWLEDGE AND SKILLS TO DEVELOP

- >> Recognise the importance and specificity of pre-operative assessment of the geriatric patient as a multidimensional and interdisciplinary process, focused on determination of psychological demeanor, physiological clinical status and quantification of functional residual capacity.
- >> Understand and identify the particular pharmacokinetic and pharmacodynamic limitations of the elderly patient.
- >> Identify and optimise modifiable risk factors before surgery in order to improve surgical outcome for the patient.
- >> Elaborate and justify the proposed modality of hospital admission for the elderly patient.
- >> Discuss the most appropriate anaesthetic techniques for the elderly patient.
- >> Recognise and enumerate interactions between the process of ageing, pathophysiological impact of anaesthetic drugs on the organism.
- >> Understand the concept of tailored anaesthesia.
- >> Prioritise actions during the postoperative period with real impact on global prognosis of the patient.
- >> Recognise the most frequent complications during the postoperative period and understand how to prevent them as the main concern.
- >> Discuss and plan for appropriate levels of care during the postoperative period, accounting for factors discussed during the course.
- >> Understand the stepwise approach of decision-making during the preoperative period with the various stakeholders, and how this process leads to the desired results. Understand the particular role of the anaesthesiologist during this process.
- >> Promote a global vision of the challenges when approaching an elderly patient for surgery, using the knowledge acquired during the course and actively participating in decision-making during various proposed clinical cases.

TARGET AUDIENCE

Doctors: Anaesthesiologist Residents, Anaesthesiologists, Surgeons, Geriatricians

Nurses: With an interest in Geriatrics

ADMISSION CRITERIA

>> CV

ATTENDANCE REQUIREMENTS

90% attendance is mandatory for issuing attendance certificate and CME credits and/or ECTS

MAX. ATTENDEES

>> 35

Ahed.

Advanced
Health
Education

by NOVA Medical School

ANAESTHESIA / TAILORED ANAESTHESIA FOR THE ELDERLY PATIENT

23-M32

AGENDA 2023 / MAY

MAY 3rd

2:30 pm – 7:30 pm

@ Associação Nacional das Farmácias

>> Introduction and relevance of the subject Case outline (Problem-based Learning)

>> Physiology of ageing

Physiologic changes
Multimorbidity
Pharmacokinetics and pharmacodynamics
Frailty Syndrome
Neurocognitive dysfunction

>> Pre-operative assessment of the older surgical patient

Determination of functional capacity
Prehabilitation and optimisation of surgical
patients
Polypharmacy
Criteria for outpatient surgery

>> Discussion

MAY 10th

2:30 pm – 8:00 pm

@ Associação Nacional das Farmácias

>> Anaesthetic considerations of the elderly

The choice of anaesthetic technique
General vs. regional anaesthesia
The role of sedation
Tailored anaesthesia and anaesthetic
strategies
Thermoregulation
Patient positioning
Monitoring
Ventilation strategies
Pharmacologic strategies and effects on organs
and systems
Haemodynamic control
Fluid management

>> Discussion

>> Post-operative management of the elderly patient

Nutrition and hydration
Early mobilisation and fall prevention
Post-operative pain
Assessment of pain
Acute pain management in the polymedication
elderly
The effects of physiologic changes in pain
management

>> Discussion

>> Prevention of common post-operative complications

Delirium
Pulmonary complications
Thromboembolic events
Acute renal injury
Pressure sores

Ahed.

Advanced
Health
Education

by NOVA Medical School

ANAESTHESIA / TAILORED ANAESTHESIA FOR THE ELDERLY PATIENT

23-M32

AGENDA

2023 / MAY

MAY 24th

2:30 pm – 8:00 pm

@ Associação Nacional das Farmácias

>> **In which circumstances should an Intensive Care Unit be involved for post-operative care?**

>> **Shared decision making – The anaesthesiologist's role**

Medical futility and therapeutic threshold

The anaesthesiologist's role

Informed/ presumed consent

Information for family members

Anaesthetic choice

Do Not Resuscitate

Ethics

>> **Discussion**

>> **Problem Based Learning**

Different perspectives: Anaesthesiologist vs. Surgeon

Clinical cases

Abdominal

Trauma

Vascular

Outpatient

>> **T.E.M Evaluation**

>> **Closing Session**

Ahed.

Advanced
Health
Education

by NOVA Medical School

ANAESTHESIA / TAILORED ANAESTHESIA FOR THE ELDERLY PATIENT

23-M32

FACULTY

- >> Ana Paulino, MD
- >> Cristina Pestana, MD
- >> Diana Henriques, MD
- >> Diogo Martins, MD
- >> Gustavo Jesus, MD
- >> Helena Santos, MD
- >> Miguel Laires, MD
- >> Nelson Silva, MD
- >> Nuno Serrano, MD
- >> Ria Lakhani, MD

CREDITS >> 1,5 ECTS

DURATION >> 16 HOURS

PRICE >> 750€

EXTRAS

Interested candidates that live outside of a 200km radius from the course location can attend the course online. For more information about joining the course virtually please contact info@ahed.pt

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 >> APRIL 26th 2023

Ahed.

Advanced
Health
Education

by NOVA Medical School

ANAESTHESIA / TAILORED ANAESTHESIA FOR THE ELDERLY PATIENT

23-M32

INSTITUTIONAL PARTNERSHIPS >>

NOVA MEDICAL
SCHOOL

anf

Ahed.

Advanced
Health
Education

by NOVA Medical School

