

AHED - Advanced Health Education
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 / MEDICAL PRACTICES
TECHNICAL CHALLENGES

SPINAL / DEGENERATIVE PATHOLOGY

22-M17 *ONLINE SERIES*



Advanced
Health
Education
by NOVA Medical School



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COURSE COORDINATORS >> Jorge Mineiro, MD, PhD, FRCSEd

COURSE PRESENTATION

This course is unique in that it covers the whole spectrum of spinal degenerative disorders providing you with the opportunity to study and be taught by experts in the field from different specialities and an opportunity for hands-on assessment of these patients.

In what concerns the different therapies we will discuss the conservative management (through a perspective of the surgeon, the physiotherapist, the osteopath and the chiropract), as well as the surgical management through the assessment of evidence based outcomes.

The course is online with recorded sessions, each module will release monthly. All sessions from past modules will be available while the course is ongoing.

LEARNING OBJECTIVES >> KNOWLEDGE AND SKILLS TO DEVELOP

>>To deal with clinical scenarios that the degenerative spine pathology presents

>>To develop a therapeutic plan for each case

>> To deal with most common complications

TARGET AUDIENCE

Medical doctors, physiotherapists, osteopaths, chiropractors, nurses or other qualified health professionals dealing with spinal pathology patients.

ADMISSION CRITERIA

Academic background in the mentioned specialties and experience in the spine degenerative pathology

CV and motivation letter

ATTENDANCE REQUIRMENTS

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

MAX. ATTENDEES

30

2022 / **MARCH 1st**

MODULE 1 – CERVICAL SPINE

SESSION 1 – RECORDED

Jorge Mineiro
Luis Barroso

Basic Sciences related to Spine

- >> Integrated anatomy, physiology, biomechanics
- >> Clinical Case

SESSION 2 – RECORDED

Jorge Alves
Nuno Neves

Degenerative Cascade in Spine

- >> Anatomy and Physiology of the Degenerative Spine
- >> Biomechanics of the Degenerative Spine
- >> Clinical Case

SESSION 3 – RECORDED

Jorge Mineiro
Haluk Berk

From the Degenerative changes to the Clinical Pictures

- >> The three different phases of degenerative cascade
- >> The more frequent clinical pictures and its related degenerative changes
- >> Epidemiology of the Degenerative Disease
- >> Integrated Clinical case

SESSION 4 – RECORDED

Pedro Vilela
Benjamin Dallaudiere

Imaging the Degenerative Spine

- >> Normal Radiology and EOS
- >> CT and Magnetic Resonance of degenerative spine
- >> Other exams
- >> Clinical case

SESSION 5 – RECORDED

JC Le Huec
Luis Barroso

Spinal Sagittal and Coronal Alignment

- >> Sagittal Balance of the normal and the Degenerative Spine
- >> How do the others segments interact
- Compensatory mechanisms
- >> Clinical Case

SESSION 6 – RECORDED

Nuno Neves
Pedro Fernandes

Cervical Spine – the more frequent clinical pictures and its diagnosis

- >> Imaging the more frequent clinical pictures
- >> Differential Diagnosis
- >> Clinical Case

SESSION 7 – RECORDED

Nuno Neves
Andrew Hatch

Cervical Spine – Conservative Management

- >> Physiatrist/Physiotherapist approach
- >> Osteopath approach
- >> Clinical Case

SESSION 8 – RECORDED

Heiko Koller
Paulo Pereira

Cervical Spine – Surgical Management

- >> Decompression procedures anterior / posterior approach
- >> Fusion Procedures anterior / posterior approach
- >> Motion preservation procedures
- >> Clinical Case

SESSION 9 – RECORDED LIVE SESSION

6.00 PM (WET)

Cross Fire

- >> Clinical Case



2022 / **APRIL 5th**

MODULE 2 – THORACIC SPINE

SESSION 10 – RECORDED

Pedro Fernandes

António Bugalho

Thoracic Spine – the more frequent
clinical pictures and its diagnosis

- >> Imaging the more frequent clinical pictures
- >> Differential Diagnosis
- >> Pulmonary Function changes in the spinal
sagittal unbalance
- >> Clinical Case

SESSION 11 – RECORDED

Jorge Mineiro

Andrew Hatch

Thoracic Spine – Conservative
Management

- >> Physiatrist/Physiotherapist approach
- >> Osteopath approach
- >> Spine surgeon's approach
- >> Clinical Case

SESSION 12 – RECORDED

Jorge Mineiro

Thoracic Spine – Surgical Management

- >> Is there an indication for surgery in the
Thoracic degenerative spine ?
- >> Decompression procedures anterior /
posterior approach
- >> Fusion Procedures anterior / posterior
approach
- >> Clinical case

SESSION 13 – RECORDED LIVE SESSION

6.00 PM (WET)

Clinical Case Discussion



2022 / MAY 3rd

MODULE 3 – LUMBAR SPINE

SESSION 14 – RECORDED

Pedro Fernandes
Jorge Alves

Lumbar Spine – the more frequent
clinical pictures and its diagnosis

- >> Imaging the more frequent clinical pictures
- >> Differential Diagnosis
- >> Clinical Case

SESSION 15 – RECORDED

Jorge Mineiro
Andrew Hatch

Lumbar Spine – Conservative
Management

- >> Physiatrist/Physiotherapist approach
- >> Non-Surgical, integrated approaches
- >> Spine surgeon's approach
- >> Clinical Case

SESSION 16 – RECORDED

JC Le Huec
Ahmet Alanay

Lumbar Spine – Surgical Management

- >> Traditional or Minimally invasive Surgery?
- >> Decompression procedures anterior /
posterior approach
- >> Fusion Procedures anterior / posterior
approach
- >> Motion preservation procedures
- >> Clinical case

SESSION 17 – RECORDED LIVE SESSION

6.00 PM (WET)

Clinical Case Discussion

SESSION 18 – RECORDED

Isabel Fragata
Ana Pedro

Conservative Management of back pain
with percutaneous techniques – what's
new and when to use?

- >> Ozone therapy; Rhizotomy
- >> Epidural and nerve root blocks
- >> Acupuncture

SESSION 19 – RECORDED

Ahmet Alanay
Jorge Mineiro

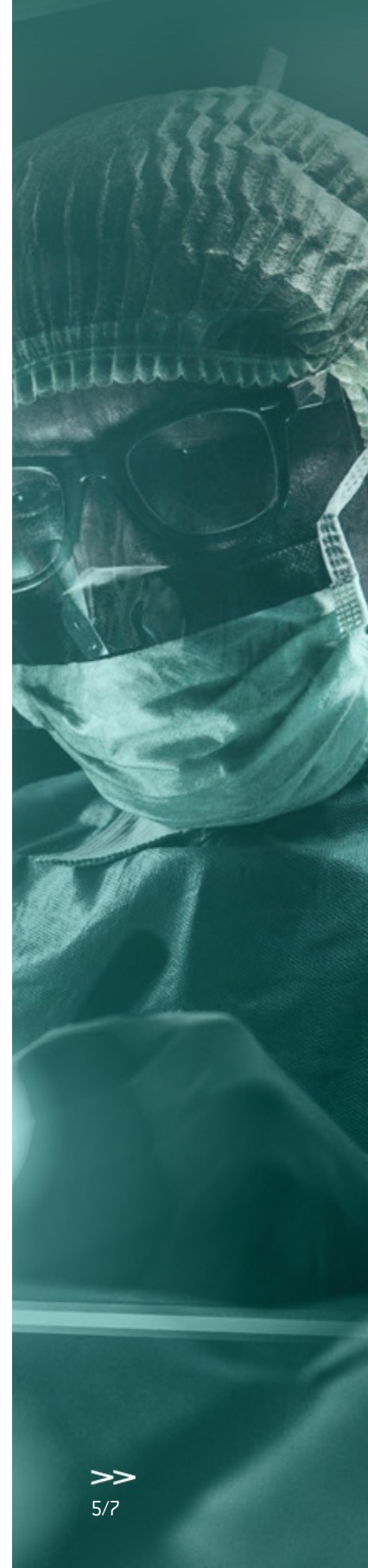
Overview on the Management of
complications of conservative
percutaneous or surgical treatments

- >> Management Complications of the
conservative percutaneous and of the
surgical treatment
- >> Orthosis are they useful?
- >> Physical activity what type and how
much is relevant in the different stages of
the disease and different age groups
Clinical case

SESSION 20 – RECORDED

Jorge Mineiro
Haluk Berk

What's New in the prevention and
interruption of the progression of the
degenerative spinal disease in the
XXI century



SPINAL / DEGENERATIVE PATHOLOGY

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FACULTY

- >> Ahmet Alanay, MD
- >> Ana Pedro, MD, PhD
- >> Andrew Hatch, DC, PhD
- >> António Bugalho, MD, PhD
- >> Benjamin Dallaudiere, MD
- >> Ferran Pellisé, MD, PhD
- >> Haluk Berk, MD
- >> Heiko Koller, MD, PhD
- >> Isabel Fragata
- >> Jean Charles LeHuec, MD, PhD
- >> João Cannas, MD
- >> Jorge Alves, MD, PhD
- >> Jorge Mineiro, MD, PhD, FRCSEd
- >> Luís Barroso, MD, PhD
- >> Nuno Neves, MD
- >> Paulo Pereira
- >> Pedro Fernandes, MD, PhD, FEBOT
- >> Pedro Vilela, MD
- >> Sebastien Charosky, MD, PhD

CREDITS >> 2,5 ECTS

DURATION >> 27 HOURS

PRICE >> 600€

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 >> FEBRUARY 22nd 2022

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