

AHED - Advanced Health Education  
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 / MEDICAL PRACTICES  
TECHNICAL CHALLENGES

# SPINAL / DEGENERATIVE PATHOLOGY

21-M17 ONLINE SERIES



Advanced  
Health  
Education

by NOVA Medical School

# SPINAL / DEGENERATIVE PATHOLOGY

21-M17 ONLINE SERIES

**COURSE COORDINATOR** >> 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 osteopat and the Chiropract), as well as the surgical management through the assessment of evidence based outcomes.

The course is online with recorded sessions, one session release every week and available during the all course, and live sessions to debate clinical cases.

## LEARNING OBJECTIVES >> KNOWLEDGE AND SKILLS TO DEVELOP

- 1 To deal with clinical scenarios that the degenerative spine pathology presents
- 2 To develop a therapeutic plan for each case
- 3 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 REQUIREMENTS

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

## MIN. ATTENDEES

- > 30

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# SPINAL / DEGENERATIVE PATHOLOGY

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## MODULE 1 CERVICAL SPINE

25<sup>TH</sup> FEB

### SESSION 1 - Recorded

*Jorge Mineiro*

*Luís Barroso*

Basic Sciences related to spine

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

11<sup>TH</sup>MAR

### SESSION3- 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

25<sup>TH</sup>MAR

### SESSION5- Recorded

*JC Le Huc*

*Luís 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

4<sup>TH</sup> MAR

### SESSION2- Recorded

*Jorge Alves*

*Nuno Neves*

Degenerative Cascade in Spine

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

18<sup>TH</sup>MAR

### SESSION4 Recorded

*Pedro Vilela*

*Benjamin Dallaudiere*

Imaging the Degenerative Spine

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

8<sup>TH</sup>APR

### 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

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## MODULE 1 CERVICAL SPINE

15<sup>TH</sup> APR

### SESSION 7 - Recorded

*Nuno Neves*  
*Andrew Hatch*  
*Luisa Ventura*

#### Cervical Spine – Conservative Management

- > Physiatrist/Physiotherapist approach
- > Osteopat approach
- > Spine surgeon's approach  
Clinical case

29<sup>TH</sup> APR

### SESSION 9 -ONLINE LIVE SESSION

6.00 PM (WET)

#### Cross Fire

- > Clinical Cases

## MODULE 2 THORACIC SPINE

6<sup>TH</sup> MAY

### SESSION10- 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

20<sup>TH</sup> MAY

### SESSION12- Recorded

*Vedat Deviren*

#### 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

22<sup>ND</sup> APR

### 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

13<sup>TH</sup> MAY

### SESSION 11- Recorded

*Jorge Mineiro*  
*Andrew Hatch*  
*Luísa Ventura*

#### Thoracic Spine – Conservative Management

- > Physiatrist/Physiotherapist approach
- > Osteopat approach  
Spine surgeon's approach
- > Clinical case

27<sup>TH</sup> MAY

### SESSION 13- ONLINE LIVE SESSION

6:00 PM (WET)

#### Clinical Case Discussion

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## MODULE 3 LUMBAR SPINE

3<sup>RD</sup> JUN

### 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

17<sup>TH</sup> JUN

### 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

1<sup>ST</sup> JUL

### SESSION 18 -RECORDED

*Isabel Fragata*

*Ana Pedro*

*Sebastien Charosky*

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

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

15<sup>TH</sup> JUL

### 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

All recorded sessions will be available from the dates referred on the program until three months after the end of the course.

All live sessions will be recorded and will be available two days after the date of the session.

10<sup>TH</sup> JUN

### SESSION 15 - Recorded

*Jorge Mineiro*

*Andrew Hatch*

*Luísa Ventura*

Lumbar Spine – Conservative Management

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

24<sup>TH</sup> JUN

### SESSION 17 -ONLINE LIVE SESSION

6:00 PM (WET)

Clinical Case Discussion

8<sup>TH</sup> JUL

### SESSION 19 - Recorded

*Ahmet Alanay*

*Jorge Mineiro*

*Luísa Ventura*

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

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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, MD, PhD  
Jean Charles LeHuec, MD PhD  
João Cannas, MD  
Jorge Alves, MD, PhD

Jorge Mineiro, MD, PhD, FRCSEd  
Luís Barroso, MD, PhD  
Luísa Ventura, MD  
Nuno Neves, MD, PhD  
Paulo Pereira, MD, PhD  
Pedro Fernandes, MD, PhD, FEBOT  
Pedro Vilela, MD  
Sebastien Charosky, MD, PhD  
Vedat Deviren, 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, certificate of attendance, and materials used during the course. The price of the course doesn't include 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 >> FEBRUARY 24<sup>TH</sup> 2021**

## SCIENTIFIC PARTNERSHIPS



**SPOT** SOCIEDADE  
PORTUGUESA DE  
ORTOPEdia E  
TRAUMATOLOGIA



**SPPCV**  
SOCIEDADE  
PORTUGUESA  
DE PATOLOGIA  
DA COLUNA  
VERTEBRAL



Sociedade Portuguesa  
**NEUROCIRURGIA**

## INDUSTRY PARTNERSHIPS



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