



# Lisbon Spine Simulation Course

2<sup>nd</sup> Edition

**5<sup>th</sup> and 6<sup>th</sup> May, 2022**

Webinar platform

Hospital da Luz Lisboa auditorium

Hospital da Luz Learning Health – Training, Research  
and Innovation Center

## Programme

### 1<sup>st</sup> day

Nurses webinar

#### **Minimally Invasive Spine Surgery**

Moderators: Pedro Pais | Bruno Santiago

#### **14h00 MISS technology and patient workup**

Pedro Pais

#### **Surgical instruments and table setup**

Luís Anastácio

#### **Pedicle screws instrumentation**

Inês Ligeiro

#### **Discussion**

#### **16h00 Session 2 | How I do it? MISS techniques**

##### **Decompression and lumbar disc herniation**

Jake Timothy

##### **Extra-foraminal disc herniation**

Pedro Varanda

##### **Pedicle screw placement**

Paulo Pereira

##### **TLIF**

Ali Baaj

##### **Discussion**

#### **17h30 Break**

### Main webinar

#### **15h00 Session 1 | Basics**

##### **Introduction / Background**

Bruno Santiago | Álvaro Lima

##### **Surgical indications for lumbar decompression and fusion**

Nuno Neves

##### **Surgical anatomy for MISS**

Carla Reizinho

##### **Discussion**

#### **17h50 Session 3 | Complications Special topics**

##### **Type of cages and biologics in lumbar fusion**

Jorge Alves

##### **Intraoperative navigation in MISS**

Avelino Parajon

##### **MISS complications**

Maia Gonçalves

##### **Discussion**

#### **19h00 End of 1<sup>st</sup> day**



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## Programme

### 2<sup>nd</sup> day

#### Simulation sessions

#### 08h00 **MISS Case discussions**

Case discussion

Ana Luis

Case discussion

Pedro Pais

Case discussion

João Correia

Simulation training workflow

Bruno Santiago

12h00 Lunch

#### 13h00 **Spine simulation training 2**

Group C | **Lumbar spinal stenosis**

Miguel Casimiro

Group A | **Foraminal disc herniation**

Maia Gonçalves

Group B | **Spondylolisthesis**

Álvaro Lima

15h30 Break

#### 16h00 **Spine simulation training 3**

Group B | **Lumbar spinal stenosis**

Miguel Casimiro

Group C | **Foraminal disc herniation**

Maia Gonçalves

Group A | **Spondylolisthesis**

Álvaro Lima

18h30 End of course

#### Parallel session

#### 08h00 **Nurses hands-on workshop**

09h10 Break

#### 09h30 **Spine simulation training 1**

Group A | **Lumbar spinal stenosis**

Miguel Casimiro

Group B | **Foraminal disc herniation**

Maia Gonçalves

Group C | **Spondylolisthesis**

Álvaro Lima

#### International faculty:

Ali Baaj (Chief of Spine Surgery, Department of Neurosurgery, University of Arizona - Banner Health, Phoenix) | Avelino Parajon (Jefe de Sección Columna, Servicio de Neurocirugía, Hospital Ramon y Cajal) | Jake Timothy (Consultant Neurosurgeon, Leeds General Infirmary)

#### National faculty:

Álvaro Lima (Departamento de Neurocirurgia, Coordenador do Centro da Coluna, Hospital da Luz Lisboa) | Ana Luís (Serviço de Neurocirurgia Hospital Egas Moniz, Hospital da Luz Oeiras) | Bruno Santiago (Departamento de Neurocirurgia, Centro da Coluna, Hospital da Luz Lisboa) | Carla Reizinho (Serviço de Neurocirurgia Hospital Egas Moniz, Hospital da Luz Lisboa) | João Correia (Serviço de Ortopedia, Hospital Beatriz Angelo, Centro da Coluna, Hospital da Luz Lisboa) | Jorge Alves (Serviço de Ortopedia, Centro Hospitalar do Tâmega e Sousa, Penafiel, Clínica de Santa Maria, Porto) | Maia Gonçalves (Departamento de Ortopedia, Hospital da Luz Arrábida) | Miguel Casimiro (Departamento de Neurocirurgia, Centro da Coluna, Hospital da Luz Lisboa) | Nuno Neves (Serviço de Ortopedia, Centro Hospitalar de São João, Hospital CUF Porto) | Paulo Pereira (Serviço de Neurocirurgia, Centro Hospitalar de São João, Hospital CUF Porto) | Pedro Pais (Serviço de Neurocirurgia, Hospital Garcia de Orta, Almada) | Pedro Varanda (Diretor do Serviço de Ortopedia, Hospital de Braga, Hospital CUF Porto)

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