



# 1<sup>st</sup> Lisbon Spine Simulation Course

**28<sup>th</sup> and 29<sup>th</sup> May, 2021**

Webinar plataforma

Hospital da Luz Learning Health - Centro de Formação, Investigação e Inovação

## Program

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

#### Webinar for nurses

**14h00 Surgical positioning and preparation**

Elsa Fernandes

**Surgical instruments and OR table**

Luis Anastácio

**Minimally invasive 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**

**17h50 Session 3 | 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**

#### Main webinar

**15h00 Session 1 | Basics**

**Introduction / Background**

Álvaro Lima | Bruno Santiago

**Surgical indications for decompression and fusion**

Nuno Neves

**Surgical Anatomy for MISS**

Bruno Santiago

**Discussion**



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

#### Simulation sessions

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

###### **MIS Tumor**

Bruno Santiago

###### **MIS Trauma**

Pedro Pais

###### **MIS Degenerative**

João Correia

###### **Simulation training workflow**

Bruno Santiago

09h10 Break

##### 09h30 **Spine simulation training I**

Álvaro Lima | Miguel Casimiro | Maia Gonçalves

Group A | **Lumbar spinal stenosis**

Group B | **Foraminal disc herniation**

Group C | **Spondylolisthesis**

12h00 Lunch

#### Parallel session

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

##### 13h00 **Spine simulation training II**

Álvaro Lima | Miguel Casimiro | Maia Gonçalves

Group C | **Lumbar spinal stenosis**

Group A | **Foraminal disc herniation**

Group B | **Spondylolisthesis**

15h30 Break

##### 16h00 **Spine simulation training III**

Álvaro Lima | Miguel Casimiro | Maia Gonçalves

Group B | **Lumbar spinal stenosis**

Group C | **Foraminal disc herniation**

Group A | **Spondylolisthesis**

18h30 End of course

#### 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) | **Bruno Santiago** (Departamento de Neurocirurgia, Centro da Coluna, 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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