



**LOCATION**  
**HOSPITAL UNIVERSITARIO**  
**RAMÓN Y CAJAL**  
Pabellón Docente  
Ctra. Colmenar Viejo, 9  
28034 Madrid

## **6<sup>th</sup> European Course Minimally Invasive Spinal Surgery** *Hands-on Course* **EUCMISS 2018**

*Madrid, June 25<sup>th</sup> and 26<sup>th</sup>, 2018*

### **FACULTY**

#### ***Directors of the Course***

Jesús Lafuente, Spain

Avelino Parajón, Spain

#### ***Faculty of the Course***

O. Alves (Porto, Portugal)

M. Balsano (Verona, Italy)

G. Bordon (Valencia, Spain)

A. Casey (London, UK)

J. Duff (Lausanne, Switzerland)

E. Ferreira (Madrid, Spain)

R. Fessler (Chicago, USA)

G. Krzok (Friedrichroda, Germany)

D. Refai (Atlanta, USA)

J.A. Soriano (Mexico DF, Mexico)

C. Thomé (Innsbruck, Austria)

J.M. Torres (Asturias, Spain)

R. Wagner (Frankfurt, Germany)



# MONDAY JUNE 25<sup>TH</sup>

10:45-11:00

## PRESENTATION

J. Lafuente, A. Parajón

11:00-13:45

## INTRODUCTION

J. Lafuente (Moderator)

11:00-11:10

History of MISS

A. Casey

11:10-11:20

Evidence for MISS in lumbar spine

11:20-11:30

Why MISS

R. Fessler

11:30-11:40

Introduction to "tubology"

C. Thome

11:40-11:50

MISS and spine biomechanics

11:50-12:00

3D Navigation in MISS

12:00-12:10

Robotics: Redefining the Standard of Spine Surgery

12:10-12:20

Introduction to lumbar endoscopic approaches

R. Wagner

12:20-12:30

Fusion in MISS

A. Parajon

12:30-12:40

Complications in MISS

12:40-13:00

Q&A-Discussion

13:00-13:30

CASES: I use to do open I know use MISS

J. Torres, J. Soriano

13:30-14:15

## LUNCH

14:15-16:15

## MISS TECHNIQUES 1

A. Parajón (Moderator)

14:15-14:25

Cervical tubular endoscopic approaches

R. Fessler

14:25-14:35

Mi Cervical Posterior decompression

J. Soriano

14:35-14:45

Anterior cervical endoscopic procedures

R. Wagner

14:45-14:55

Posterior endoscopic decompression

14:55-15:05

on the cervical spine?

R. Wagner

15:05-15:15

C1/C2 MISS

J. Duff

15:15-15:25

Mi ACDF and total disc replacement

J. Soriano

15:25-15:35

XLIF deformity correction

M. Balsano

15:35-15:45

XLIF Robotic directed

15:45-15:55

OLIF

G. Bordon

15:55-16:15

MISS TLIF

A. Parajón

16:15-16:35

Questions & Answers. Discussion

G. Bordon, M. Balsano

CASES: OLIF VS XLIF

16:35-16:50

## COFFEE

16:50-18:45

## MISS TECHNIQUES 2

M. Balsano (Moderator)

16:50-17:00

Transforaminal lumbar endoscopic discectomy

G. Krzok

17:00-17:10

Endoscopic Lumbar fusion

R. Wagner

17:10-17:20

Interlaminar endoscopic discectomy

G. Krzok

17:20-17:30

MISS posterior thoracic corpectomy

D. Refai

17:30-17:40

Long constructs with pedicular screws

M. Balsano

17:40-17:50

MISS in thoracolumbar fractures

O. Alves

17:50-18:00

MISS for high grades Spondilolysthesis

G. Bordon

18:00-18:10

MISS Transcortical lumbar screws

D. Refai

18:10-18:20

T-L Percutaneous pedicular screws

O. Alves

18:20-18:30

MISS for Intramedullary tumours

J. Duff

18:30-18:40

Why not MISS

A. Casey

18:40-19:00

CASES: Endoscopy Vs tubes

R. Fessler,

R. Wagner, G. Krzok

19:00-20:30

## ROBOTICS DEMONSTRATION WITH CADAVER

21:00

## COURSE DINNER

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**TUESDAY JUNE 26<sup>TH</sup>**

**CADAVER WORKSHOP**

**08:30 - 12:30**      **CADAVER LAB 1**

**13:00 - 16:00**      **CADAVER LAB 2**

**TECHNIQUES:**

- Posterior cervical tubular microscopic approaches
- Posterior lumbar tubular microscopic approaches
- XLIF
- OLIF
- AxiaLIF
- Transforaminal lumbar endoscopic discectomy
- Interlaminar lumbar endoscopic approach
- Posterior pedicular percutaneous screws - basics
- Posterior pedicular percutaneous screws - long constructs
- MIS TLIF
- Anterior endoscopic cervical
- Posterior cervical MIS fixation
- Navigated pedicle screws
- Simulation stations
- Lumbar cortical screws

## PRACTICAL INFORMATION FOR THE COURSE

VENUES (Lectures and Cadaver Lab)	Hospital Universitario Ramón y Cajal Pabellón Docente Ctra. Colmenar Viejo, 9 28034 Madrid
LANGUAGE OF THE COURSE	English
DRESS CODE	Casual
REGISTRATION FEE	1.500 € + IVA Lectures and Lab (limited to 35 places) 500 € + IVA Lectures only (limited to 60 places)
INCLUDES	Attendance at scientific sessions, official congress documentation, coffee-breaks, lunches and congress dinner
COURSE DINNER	Monday 25 <sup>st</sup> , 21 h. Restaurante Puertasol. Plaza Puerta del Sol, 10. Edificio Corte Inglés. Planta 5

[www.eucmiss.com](http://www.eucmiss.com)

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