



**LACMISS 2025**

**Latin America Course Minimally Invasive Spine Surgery**

**An EUCMISS® Course**

**Universidad Autónoma de Guadalajara, México**

**13th- 14th march 2025**

#### **Directors**

Avelino Parajón (Madrid, España)

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#### **Faculty**

Richard Fessler (Chicago, USA)

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Pablo Vela (Bogotá, Colombia)

Raul Viera (Guadalajara, México)

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## Latin America Course Minimally Invasive Spine

### PROGRAM

#### Thursday 13th march- LECTURES

09.00- 09.15	Introduction- the EUCMISS courses system	J. Lafuente & A. Parajón
09.15- 09.30	Introduction to LACMISS	M. Dittmar & M.A. Andrade
09.30- 11.30	MISS Basics	R. Fessler & R. Wagner (Mods.)
09.30- 09.42	History and evolution of MISS	R. Fessler
09.42- 09.54	The lateral transpoas approach	A. Ramirez
10.06- 10.18	Tubular lumbar decompression	J. M. González
10.18- 10.30	Transforaminal lumbar endoscopy	R. Wagner
10.30- 10.42	Cervical tubular foraminotomy	R. Fessler
10.42- 10.54	The biportal endoscopic approach	J. Quillo
19.54- 11.06	Lateral extreme MIS TLIF	J. A. Soriano
11.06- 11.30	Discussion	
11.30- 12.00	COFFE BREAK	
12.00- 13.30	Cases Discussion	
12.00- 12.45	Degenerative spondilolystesis	J. Quillo & J.A. Soriano (Mods.)
	Tubular decompression	M. Dittmar
	Endoscopic decompression	J. Quillo
	Indirect decompression	A. Baaj
	MIS TLIF	M.A. Andrade
12.45 – 13.30	Adult degenerative scoliosis	M. Balsano & A. Baaj
	Open fusion and "classic" osteotomies	J.A. Canales
	Does endoscopy have a role in ADS?	R. Wagner
	ALIF in ADS	P. Vela
	LLIF and OLIF in ADS	M. Balsano
13.30- 14.30	LUNCH BREAK	
14.30- 16.30	Tech on the Edge	P. Vela & JA. Canales( Mods.)
14.30- 14.42	Endoscopic interbody fusion	R. Wagner
14.42- 14.54	Augmented reality	A. Ramirez
14.54- 15.06	Expandable cages for interbody fusion	A. Parajón
15.06- 15.18	Non fusion techniques in idiopatic scoliosis	M. Balsano
15.18- 15.30	Robotics vs navigation in MISS	A. Baaj
15.30- 15.42	Last advancements in spinal robotics	J. Lafuente
15.42- 16.30	DISCUSSION	
16.30- 16.45	WRAP UP	M. Dittmar, M.A. Andrade

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## Latin America Course Minimally Invasive Spine

### Friday 14<sup>th</sup> march- HANDS ON LAB

08.00- 08.30	INTRODUCTION
08.30- 11.30 (3h)	2 ROTATIONS
11.30- 12.00	coffee break
12.00- 13.30 (1h30)	1 ROTATION
13.30- 14.30	Lunch break
14.30- 16.00 (1h30)	1 ROTATION

### TECHNIQUES- RealSpine models

- Lumbar tubular microsurgical decompression “over the top”
- Cervical tubular foraminotomy
- MIS TLIF
- Transpsoas approach (LLIF)
- Prepsoas approach (OLIF/ ATP)
- Mini ALIF
- Endoscopic transforaminal lumbar discectomy
- Endoscopic interlaminar decompression
- Robotics

**LECTURES:** *Hotel Gran Fiesta Americana, Avda de las Americas 1551, Guadalajara, Mexico*

**HANDS ON LAB:** *Universidad Autónoma de Guadalajara, Guadalajara, México*

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