

# LACMISS 2026

*2nd LatinAmerican Course Minimally Invasive Spinal Surgery*

*- An EUCMISS® course-*

*Guadalajara, México, 6th-7th July 2026*

MIS, Endoscopy, Navigation, Robotics, AR, VR, Simulation

## International Directors

*Avelino Parajón (Spain)*

*Jesús Lafuente (Spain)*

## Local Directors

*Michael Dittmar (México)*

*Miguel Angel Andrade (México)*

## Faculty

*Armando Alpizar (México)*

*Massimo Balsano (Italy)*

*Gerd Bordon (Spain)*

*Jose Manuel González (México)*

*Jorge de Haro (México)*

*Jared Muñoz (México)*

*José Name Guerra (Colombia)*

*Rodrigo Navarro-Ramírez (USA)*

*Alberto Ramírez (México)*

*Daniel Refai (USA)*

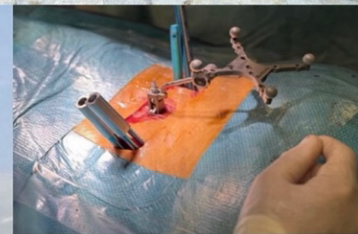
*Jesús Alberto Pérez (México)*

*Javier Quillo Olvera (México)*

*José Carlos Sauri (México)*

*Raúl Viera (México)*

*Juan Manuel del Toro (México)*



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# LACMISS 2026

## DAY 1- MONDAY 6th JULY- HANDS ON LAB

**HOSPITAL ANGELES ANDARES**



**Av. Patria 1355, Puerta de Hierro, Zapopan, Jalisco, México**

08.00-08.20	Introduction- the EUCMISS courses	A. Parajón & J. Lafuente
08.20- 10.00	MIS Basics- “How I do it”	M. Balsano & R. Navarro (Mods)
08.20- 08.30	Tubular MIS TLIF	R. Navarro-Ramírez
08.30- 08.40	MIS LECA	MA. Andrade
08.40- 08.50	Lateral transpsoas approach	M. Balsano
08.50- 09.00	Prepsoas interbody fusion	G. Bordon
09.00- 09.10	Transforaminal lumbar endoscopy	C. Sauri
09.10- 09.20	Lumbar interlaminar endoscopy	J. Muñoz
09.20- 09.30	Cervicalposterior foraminotomy	A. Parajón
09.30- 09.40	Robotic pedicular screws	J. Lafuente
09.40- 09.50	Biportal lumbar endoscopy	J. Quillo
09.50- 10.00	Exoscopic tubular decompression	JM. González
10.00- 10.30	COFFEE BREAK	

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10.30- 13.30 HANDS- ON LAB (3 hours rotations)

13.30- 14.00 LIGHT LUNCH BREAK

14.00- 17.00 HANDS- ON LAB (3 hours rotations)

17.00- 17.20 COFFEE BREAK

17.20- 18.20 HANDS- ON LAB (1 hour rotations)

### TECHNIQUES

*Lumbar tubular decompression, exoscopy, uniportal spinal endoscopy, biportal endoscopy*

*Tubular MIS TLIF, ALIF, transpsoas, prepsoas approach, robotics, AR, cervical foraminotomy*

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# LACMISS 2026

## DAY 2- TUESDAY 7th JULY- LECTURES

### HOSPITAL ANGELES ANDARES

Av. Patria 1355, Puerta de Hierro, Zapopan, Jalisco, México

09.00-12.00 CASE DISCUSSIONS (3 hours)

09.00- 10.30	Degenerative spondylolisthesis	J. Lafuente & D. Refai (Mods.)
	Tubular decompression	R. Navarro- Ramírez
	Endoscopic decompression	J. Quillo
	Indirect decompression	M. Balsano
	MISTLIF	A. Parajón
10.30-12.00	Adult degenerative scoliosis	M. Balsano & MA. Andrade (Mods.)
	Open correction- classic osteotomies	M. Dittmar
	ALIF in ADS	A. Ramírez
	Endoscopy in ADS	J. Quillo
	Lateral approaches in ADS	M. Balsano
12.00- 12.30	COFFEE BREAK	
12.30- 15.00	MISS TECHNOLOGY ON THE EDGE (2hours 30 min)	M. Dittmar & J. Quillo (Mods.)
12.30- 12.40	Endoscopic interbody fusion	J. Quillo
12.40- 12.50	Non fusion techniques in idiopathic scoliosis	M. Balsano
12.50- 13.00	Augmented Reality	A. Ramírez
13.00- 13.10	ALIF alternatives- lateral	JA. Pérez
13.10- 13.20	Cortical screws	J. Name Guerra
13.20- 13.40	Implementing MISS in the military setting	R. Viera
13.40- 14.00	New trends in spinal robotics	J. Lafuente
14.00- 14.10	Endoscopy in calcified thoracic discs	D. Refai
14.10- 14.20	Expandable cages in MISS	A. Parajón
14.20 – 14.30	SPECIAL LECTURE – In memoriam: Ralf Wagner	
	Navigation in biportal spinal endoscopy	D. Refai
14.30- 15.00	Q&A, Discussion, Wrap up	

In collaboration with

