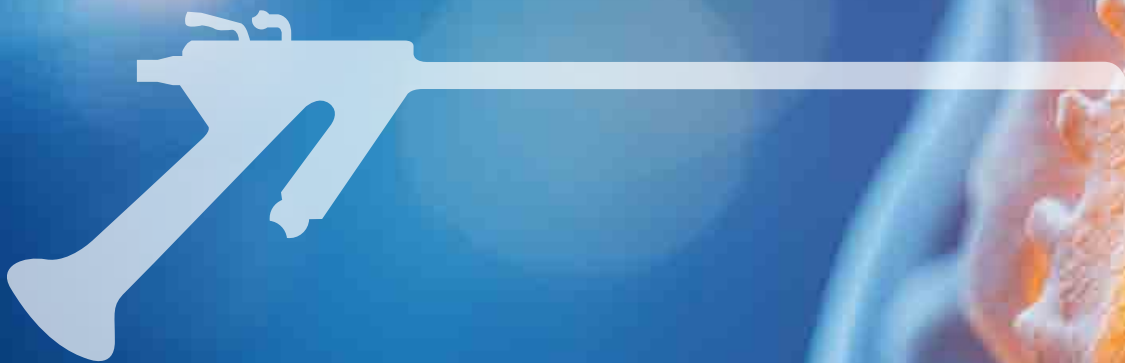




Advanced Spinal Endoscopy Course

SEPTEMBER 3, 2025 | Bariloche, Argentina



General Information

WFSEC25. WFSE WORLD CONGRESS.
BEC BARILOCHE CONVENTION CENTER.
Bariloche | Patagonia | Argentina
www.wfse-congress.com

Chair of Education Committee

João Paulo Bergamaschi 

Ortopedista & Spinal Endoscopy Expert

President WFSEC25

Director of Education and Research

Marcelo Brito 

Orthopedic spine specialist.

Professor at USP Ribeirão Preto
in the Spinal Endoscopic Surgery

Education and Research Manager

PHD MD Marisa Pérez Solís 

President WFSEC25

Senior Consultant Neurosurgeon

Founding Member (WFSE)

PHD MD Andrea Sinagra 

President WFSEC25

Senior Consultant Neurosurgeon

Founding Member (WFSE)

Course Faculty

★ **João Paulo Bergamaschi** 

★ **François Lechanoine** 

★ **Nílvio de Campos Severo** 

Orthopedic Surgeon.

Specialized in Endoscopic Spine Surgery.

Member of SBOT, SBC, NASS, and AO Spine

★ **José Gabriel Rugeles Ortíz** 

Orthopedic Surgeon and Spine Surgeon.

30 years of experience in teaching
spine surgery

★ **Juliano Díaz** 

Neurosurgeon. Endoscopic Spine Surgery

Instructor. SBC Member

★ **Dimitrios Marinopoulos** 

Neurosurgeon. President (ESUBE) European
Society of Unilateral Biportal Endoscopy

Education and Research Manager

François Lechanoine 

President WFSEC25

Senior Consultant Neurosurgeon

Founding Member (WFSE)

Founding Member (ESUBE)

Programme Goal

Advanced Endoscopic Spine Surgery

Endoscopic spine surgery is becoming the ultimate tissue preserving technique to treat a multitude of spine pathologies with accumulating evidence in support of its efficacy and reduced complication rate. This has generated huge interest among surgeons worldwide to learn and adopt this technology.

This course will enlarge your knowledge and technical skills to take the next step in your endoscopic practice to master cervical and thoracic pathologies and the treatment options for endoscopic fusion.

Quick Facts

DATE & TIME	SEPTEMBER 3 2025 (14:00 hs - 18:00hs)
VENUE BEC	Bariloche Convention Center Patagonia Argentina
MAX. ATTENDEES	60 delegates maximum
REGISTRATION FEES	WFSE member: 300USD - Non-member: 400USD
CME CREDITS	Accreditation for Continuing Medical Education will be provided by the World Federation of Spine Endoscopy Society & ARMISS Society
LANGUAGE	English
DRESS CODE	Smart casual
COURSE COMPLETION	Requirements for Obtaining the Continuing Medical Education Certificate: 1. Mandatory attendance at 100% of the theoretical course 2. Successful completion of the self-assessment
TARGET AUDIENCE	Senior trainees and trained surgeons, who are planning a career in spine surgery
IMPORTANT!	All participants will observe the various surgical techniques, previously presented orally, on anatomical models

Programme

AVAILABLE FROM JULY 1 - 2025

TIME / DURATION	Topic
14:00 - 14:30	Evolution of full-endoscopic spine surgery
Cervical procedures	
14:30 - 15:00	Posterior endoscopic cervical foraminotomy — step by step
15:00 - 15:30	Cervical UBE — step by step
15:30 - 16:00	Knowledge check questions
Thoracic procedure	
16:00 - 16:30	Thoracic Transforaminal Decompression
Endoscopic fusion	
16:30 - 17:00	Endoscopic fusion step by step
17:00 - 18:00	Knowledge check questions

Learning Outcomes

Endoscopy in Cervical Spine

- Explain and differentiate the endoscopic techniques in cervical spine
- Describe the relevant anatomy for cervical endoscopy
- List and evaluate the different techniques in cervical spine
 - Describe the posterior cervical endoscopic foraminotomy technique (PECF) (theatre set-up, patient positioning, planning, procedural steps, limitations)
- Describe the cervical endoscopic unilateral Laminotomy for Bony Decompression technique (CE-ULBD) (theatre set-up, patient positioning, planning, procedural steps, limitations)

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- ## Endoscopic Fusion Techniques

- Describe the monoportal endoscopic fusion technique (theatre set-up, patient positioning, planning, procedural steps, limitations)
- Describe the biportal endoscopic fusion technique (theatre set-up, patient positioning, planning, procedural steps, limitations)

- ## Learning Objectives

- Determine the optimal indications for novice surgeons and recognize contraindications grounded in scientific evidence
 - Analyze the potential risks and complications of various surgical procedures and discuss effective strategies for prevention and management

Course Completion Requirements

- Participants must fulfill the following requirements to complete this course: - Achieve a minimum score of 70% on the self-assessment quizzes - Complete the course evaluations, including a reflective component.
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- Through reflective evaluation, participants will be able to synthesize their learning and apply it to real-world clinical scenarios

Recommended Reading

AOSpine Consensus Paper on Nomenclature for Working-Channel Endoscopic Spinal Procedures. Global Spine Journal. 2020 Apr; 10(2 Suppl): 1115–1215. DOI: 10.1177/2192568219887364

Endoscopic Spine Surgery (J Korean Neurosurg Soc 60 (5): 485-497, 2017) DOI: 10.3340/jkns.2017.0203.004

Endoscopic Disc and Decompression Surgery (Book chapter) Rütten, Hahn (AOSpine MISS)

Comparative Study Between Uniportal Full-Endoscopic Interlaminar and Tubular Approach in the Treatment of Lumbar Spinal Stenosis: A Pilot Study. Global Spine Journal 2020, Vol. 10(2S) 70S-78S

TELF: Percutaneous Endoscopic Lumbar Foraminotomy: An Advanced Surgical Technique and Clinical Outcomes. Neurosurgery, 2014, 75:124–133. DOI: 10.1227/NEU.00000000000000361

TE-LRD: Percutaneous Transforaminal Endoscopic Decompression on Lateral Recess Stenosis: Technical Notes and Outcomes of Two Years Follow-up. A Case Series Study. International Journal of Clinical and Experimental Medicine, 2018; 11(10):10731-10739. URL: www.ijcem.com/IJCEM0077613/ ISSN: 1940-5901

Complications of Percutaneous Endoscopic Lumbar Discectomy: Experiences and Literature Review. Zhu et al., J Spine 2017, 6:6. DOI: 10.4172/2165-7939.1000402

Unique Complications of Percutaneous Endoscopic Lumbar Discectomy and Percutaneous Endoscopic Interlaminar Discectomy. Pain Physician 2018; 21: E105-E112 • ISSN 2150-1149#

Complications and Limitations of Endoscopic Spine Surgery and Percutaneous Instrumentation. Kim HS, Sharma SB, Wu PH, Raoarane HD, Adsul NM, Singh R, et al. Indian Spine Journal 2020; 3:78-85

New Era of Percutaneous Endoscopic Lumbar Surgery: Lumbar Stenosis Decompression – A Technical Report. Choi et al., J Spine 2014, 3:5. DOI: 10.4172/2165-7939.1000182

Clinical Outcomes and Complications after Biportal Endoscopic Spine Surgery: A Comprehensive Systematic Review and Meta-analysis of 3673 Cases. Don Y. Park, Alexander Upfill-Brown, Nora Curtin, Christopher D. Hamad, Akash Shah, Brian Kwon, Yong H. Kim, Dong Hwa Heo, Cheol Woong Park, William L. Sheppard. DOI: 10.1007/s00586-023-07701-9

Course Structure

Theoretical Foundations and Live Demonstration

The course will consist of a theoretical component, followed by a live demonstration of surgical techniques on anatomical models and endoscopic tower, led by a renowned expert in the field. This format will enable participants to bridge the gap between theory and practice.

Registration Guidelines

Enrollment Limitation: Enrollment is strictly limited to 80 participants. No exceptions will be considered.

Course Registration Options: Participants may register for the introductory course, the advanced course, or both courses. Registration for each course must be completed separately.

REGISTRATION & INFORMATION

www.wfse-congress.com/contact

Pre-Congress Course & Workshop Registration: precongress@wfse-congress.com

SUPPORTERS OF THE EVENT

