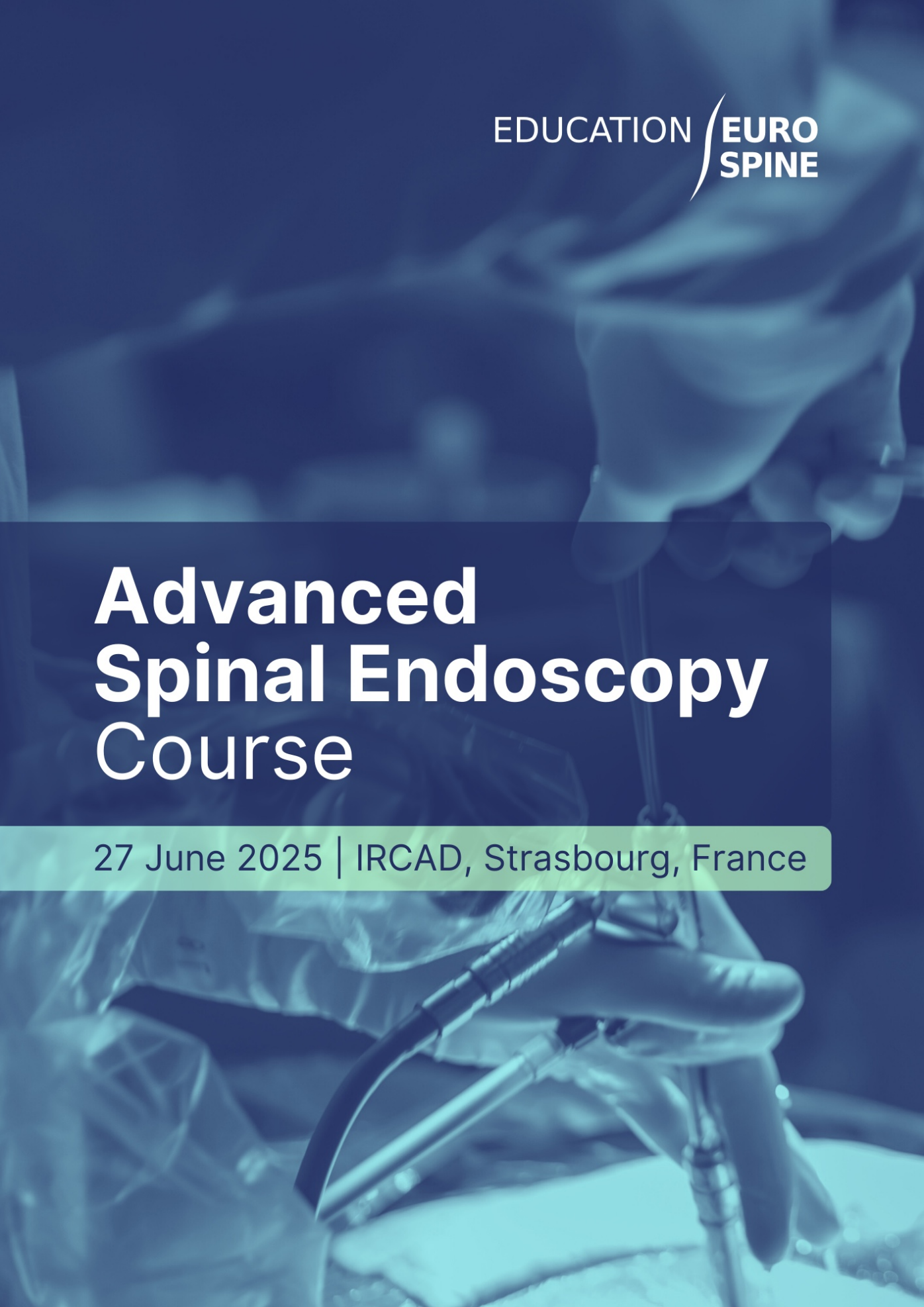

EDUCATION EUROSPINE

Advanced Spinal Endoscopy Course

27 June 2025 | IRCAD, Strasbourg, France

General Information

EUROSPINE, the Spine Society of Europe
c/o Pfister Treuhand AG
Bankstrasse 4, 8610 Uster-Zurich, Switzerland
W: www.eurospine.org

Chair of Education Committee
Paulo Pereira
E: education@eurospine.org

Director of Education and Research
Julie-Lyn Noël
E: noel@eurospine.org

Education and Research Manager
Oriana Pivetta
E: pivetta@eurospine.org

Course Chairs
Bertrand Debono, France
Frank Hassel, Germany

Course Faculty
Adad Baranto, Sweden
Joseph Cristini, France
Thibault Remacle, Belgium
Ralf Wagner, Germany

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

LIVE SESSION DATE & TIME	27 June 2025 (07:50-18:15 CEST)
VENUE	IRCAD, 1 Pl. de l'Hôpital, 67000 Strasbourg, France
MAX. ATTENDEES	24 delegates maximum
REGISTRATON FEES	EUROSPINE Member: €800 Non-member: €1,000
CME CREDITS	Accreditation by the European Board for Accreditation of Continuing Education for Health Professionals (EBAC) is pending
LANGUAGE	English
DRESS CODE	Smart casual
E-LEARNING	A computer (Mac/PC) or tablet (Android/Mac) and stable internet connection are required to access the e-learning content. The e-learning component is self-paced and will be available from 15 May 2024 on the EUROSPINE Learning Management System (LMS). The e-learning must be completed by the start of the live session.
COURSE COMPLETION	The course is only deemed as complete when participants have met ALL of the following conditions: - Passed e-learning/pre-learning component AND - Attended the live session AND - Submitted course evaluations for the e-learning and the live session component
TARGET AUDIENCE	Senior trainees and trained surgeons, who are planning a career in spine surgery.
IMPORTANT (!)	• Completion of e-learning component is mandatory • Attendance of the live session is mandatory

E-learning Programme

(available from May 2025)

Time/Duration	Topic
0:15	Evolution of full-endoscopic spine surgery
Cervical procedures	
00:20	Posterior endoscopic cervical foraminotomy— step by step
00:20	Cervical UBE—step by step
00:20	Knowledge check questions
Thoracic procedure	
00:20	Thoracic Transforaminal Decompression
Endoscopic fusion	
00:20	Endoscopic fusion step by step
00:20	Knowledge check questions

Live Session Programme

27 June 2025 08:00 – 18:15 CEST	
Skills Lab	
08:00 – 09:30	Rotation 1: cervical (1 station monoportal and 1 station biportal)
09:30 – 09:45	Coffee Break
09:45 – 11:15	Rotation 2: thoracic (2 stations)
11:15 – 11:30	Coffee Break
11:30 – 13:00	Rotation 3: endoscopic fusion (2 stations)
13:00 – 14:00	Lunch

Lectures and Cases	
14:00 – 15:45	Cases 1
15:45 – 16:00	Coffee Break
16:00 – 17:45	Cases 2
17:45 – 18:15	Discussion – Mono or biportal? Which technique should I use?
18:15	**END OF COURSE**

Skills lab details:

- Number of participants: 24
- Rotations
    - 3 rotations
    - 6 stations in total (2 each technique)
    - 90 minutes per rotation
- Techniques
    1. Cervical endoscopic techniques
    2. Thoracic endoscopic techniques
    3. endoscopic fusion techniques
- Lab groups: 4 participants in each group

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)

Thoracic Endoscopic Techniques

- Describe the transforaminal thoracic endoscopic technique
- Describe the transforaminal endoscopic thoracic discectomy (TETD) (theatre set-up, patient positioning, planning, procedural steps, limitations)

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)

General

- Identify the ideal indications for novice surgeons and recognise
- the contraindications based on the evidence
- Describe pitfalls of the different procedures and discuss how to
- Prevent and manage complications

Assessment

For the completion of this course, participants are required to complete and pass the e-learning quizzes with a minimum score of 70% and complete the required course evaluations, which includes a reflective component.

Recommended Reading

AOSpine Consensus Paper on Nomenclature for Working-Channel Endoscopic Spinal Procedures Global Spine Journal. 2020 Apr; 10(2 Suppl): 111S–121S.
DOI: 10.1177/2192568219887364

Atlas of Full-Endoscopic Spine Surgery, C. Hofstetter et al. (Book), Thieme, 2020, ISBN 978-68420-023-8

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.0000000000000361

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, Raorane 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