

**EduWeek** 2025

ADVANCED

**1**

**Extended Indications  
and Advanced  
Operative Techniques**

## General Information

**EUROSPINE, the Spine Society of Europe**  
c/o Pfister Treuhand AG  
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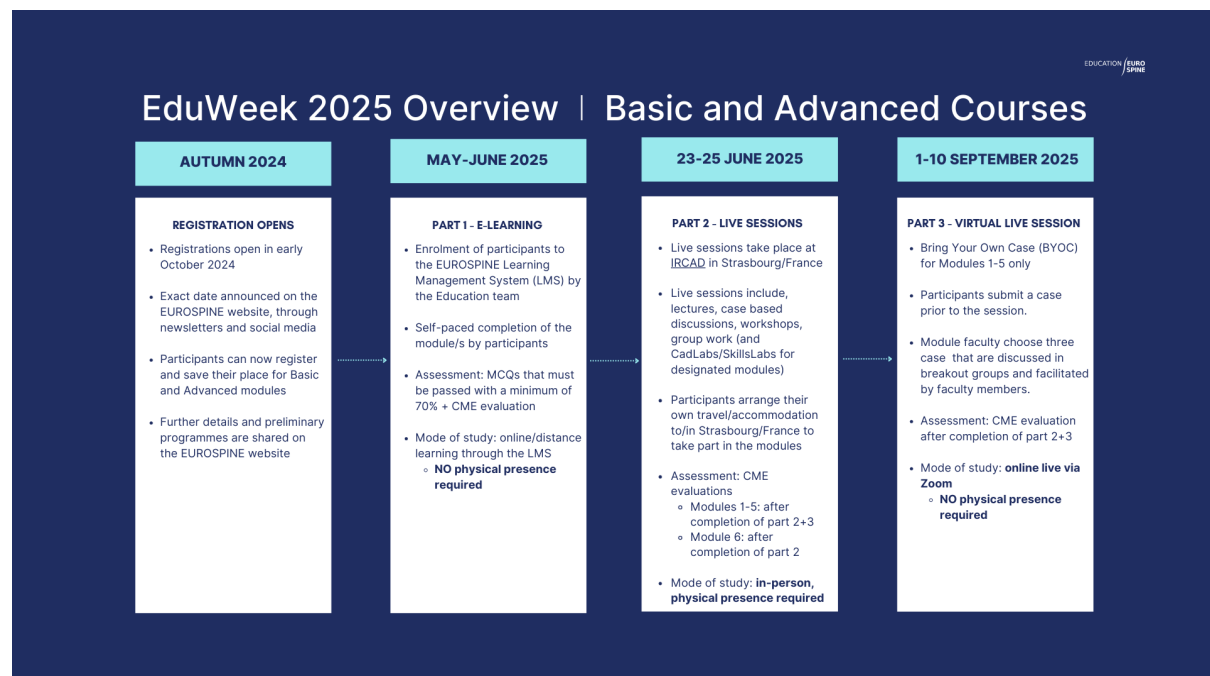
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## Quick Facts

<b>DATES &amp; TIMES</b>	<p><b><u>Live session</u></b> DAY 1: 23 June 2025 (09:00-17:00 CEST) AND DAY 2 (CadLab): 24 June 2024 (08:00-12:30 CEST)</p> <p><b><u>Virtual live session</u></b> 09 September 2025 (18:00-19:30 CEST)</p>
<b>LIVE SESSION VENUE</b>	IRCAD, 1 Place de l'Hôpital, 67000 Strasbourg, FRANCE
<b>MAX. ATTENDEES</b>	30 delegates
<b>REGISTRATON FEES</b>	EUROSPINE Member: €800 Non-member: €1,000
<b>CME CREDITS</b>	Accreditation by the European Board for Accreditation of Continuing Education for Health Professionals (EBAC) is pending
<b>LANGUAGE</b>	English
<b>DRESS CODE</b>	Smart casual
<b>E-LEARNING</b>	<p>A computer (Mac/PC) or tablet (Android/Mac) and stable internet connection are required to access the e-learning content.</p> <p>In preparation for the live session, the mandatory self-paced e-learning component will be available from May 2025 on the EUROSPINE Learning Management System (LMS). <u>This component must be completed before the live session.</u></p>
<b>MODULE COMPLETION</b>	<p>A module is only deemed as complete when participants have met <b>ALL</b> of the following conditions:</p> <ul style="list-style-type: none"> <li>• Passed the e-learning with at least 70% <b>AND</b></li> <li>• Attended the live session <b>AND</b></li> <li>• Attended the virtual BYOC live session <b>AND</b></li> <li>• Submitted the course evaluations for the e-learning and the (virtual) live session component</li> </ul>
<b>TARGET AUDIENCE</b>	Trained surgeons who have completed their European Spine Course Diploma or trained and practicing surgeons with more than 2 years of experience.
<b>IMPORTANT (!)</b>	<ul style="list-style-type: none"> <li>• Completion of e-learning module is mandatory</li> <li>• Attendance of the live session and virtual live session is mandatory</li> <li>• Upon registration, participants must provide evidence that they meet the requirements to attend the Advanced Course by providing a copy one of the following by email: Basic Diploma, CV or recommendation letter from department head</li> </ul>

## PART1 - E-learning Programme

(available from May 2025)

Time/Duration	Topic
<b>Craniocervical Junction</b>	
00:21	Indications for craniocervical junction fixation surgery
00:15	Indications for anterior resection techniques at the CCJ
00:10	How do I do it: endoscopic transnasal odontoid resection
00:15	C0/C1/C2 fixation techniques
00:20	Knowledge check questions
<b>Cervicothoracic Junction</b>	
00:26	Instrumentation in the cervicothoracic junction
00:16	Tumours expanding to the spine
00:18	Kyphosis correction techniques and indications
00:20	Knowledge check questions
<b>Thoracic Spine</b>	
00:13	Indications and techniques for thoracic disc herniation surgery
00:34	Indications for thoracic en bloc spondylectomy
00:27	How do I do it: thoracic en bloc spondylectomy
00:19	Minimally invasive thoracic instrumentation and augmentation
00:20	Knowledge check questions
<b>Adolescent Idiopathic Scoliosis (AIS)</b>	
00:31	Indications for conservative management and surgery in AIS
00:23	Surgery principles in AIS
00:23	Spinal Cord Monitoring in Deformity Surgery
00:20	Knowledge check questions
<b>Lumbar Degenerative Deformities</b>	
00:20	Sagittal balance and operative planning
00:20	Correction osteotomies
00:15	Augmentation in the osteoporotic spine
00:11	How do I do it: sacral/pelvic fixation technique
00:20	Knowledge check questions
<b>High-Grade Lumbar Spondylolisthesis and Tumour Surgery and Reconstruction &amp; Intradural Tumours</b>	
00:14	Surgical techniques and indications in high grade spondylolisthesis surgery
00:09	How do I do it: sacral dome resection
00:16	Indication and techniques of sacral tumour resections
00:18	Indications for neo-adjuvant therapies in spinal tumours
00:17	Indications and techniques for intradural extramedullary lesions
00:15	Intramedullary tumours
00:20	Knowledge check questions

## PART 2 - Live Session Programme

<b>DAY 1</b> <b>23 June 2025</b>	
09:00–10:30	Cases
10:30–10:45	Coffee break
10:45–12:05	Cases
12:05–13:05	Lunch
13:05–15:05	Cases
15:05–15:20	Coffee break
15:20–17:00	Cases
<b>DAY 2</b> <b>24 June 2025</b>	
07:50 – 08:00	Preparation for CadLab workshop (sign-in, changing, going to assigned tables etc)
07:50–12:30 (incl. 1x30 mins. Break around 10:00-10:30)	Cadaver Lab Workshop
08:00 - 10:00	Session 1
10:00 – 10:30	Coffee break
10:30 – 12:30	Session 2
<b>12:30</b>	<b>END OF LIVE SESSION</b>

<b>Case discussions</b> (Faculty to be allocated)		
<b>Topic</b>	<b>Case presenter</b>	<b>Expert Opinion</b>
Introduction		
Spinal cord anomalies		
Cervicothoracic PVCR and reconstruction / Upper th spine kyphosis		
Cranial settling or any craniocervical junction problem		
Spinal metastasis		
Severe AIS		
Degenerative deformity		
Spinal primary bone tumor		
Intramedullary tumor		
Conclusion /Wrap up		

Cadaver Lab Workshop	
Posterior thoracic and en bloc vertebrectomies	
Cervicothoracic fixation	
PSO, Ponte Osteotomies and iliosacral fixation	

## PART 3 - Virtual Live Session

### Bring Your Own Case (BYOC)

09 September 2025 18:00 – 19:30 CEST	
18:00-18:05	Introduction
18:05-18:25	Breakout session 1
18:25-18:30	Discussion 1
18:30-18:50	Breakout session 2
18:50-18:55	Discussion 2
18:55-19:00	Break
19:00-19:20	Breakout 3
19:20-19:25	Discussion 3
19:25-19:30	Wrap-up and conclusion
END OF MODULE	

## Learning Outcomes

At the end of the module, participants will be able to:

1. List indications for surgeries in the spinal junction areas and understand associated pathologies;
2. Describe surgical techniques in the spinal junction areas and weigh their pros and cons;
3. Understand the basic principles of degenerative deformities and high-grade spondylolisthesis, list surgical indications and formulate surgical plans;
4. Understand and apply the basic principles of idiopathic adolescent scoliosis;
5. Describe the technique for radical excision surgery in spinal tumours and list complications and indications;
6. List indications and describe surgical approaches

## Learning Outcomes – Bring Your Own Case (BYOC)

The module concludes with the Bring Your Own Case (BYOC) virtual live session. The BYOC is a case-based learning session based on the participants own practice or experience. Participants will be asked to submit a case on the module topic before the virtual live session.

The cases are ideally the participant's own case and should preferably present questions with no single right answer or dilemmas. The cases could also be from their own departments and ideally, the participant should have had some personal connection or have at least seen the case.

The cases will be shared with assigned faculty preceptors who will process the cases and determine the line-up and order of discussion. Some cases may be grouped with that of other colleagues in discussion.

At the end of the session participants will be able to:

- Synthesise background knowledge and principles on the topic (module name) and apply to their own case and other cases presented
- Identify dilemmas and issues with their own case and other cases presented
- Raise points and questions on their own case and other cases presented
- Defend their positions regarding their own case and cases presented during the discussion
- Recognise and understand diverse perspectives from other participants and faculty
- Assimilate new ideas, new techniques and information, and adopt them appropriately in practice
- Formulate clinical decisions, strategies and generate possible solutions on their own case and other cases presented

## Recommended Reading

Part VI Advanced Module 1: Extended Indications and Advanced Operative Techniques. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach. Switzerland: Springer.

- J. Gempt. (2019). Indications for Craniocervical Surgery and Anterior Resection Techniques (Endonasal, Transoral). B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 411-416). Switzerland: Springer.
- A. Tschugg, S. Hartmann and C. Thomé. (2019). C0/C1/C2 Instrumentation Techniques. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 417-422). Switzerland: Springer.
- A. Tschugg, S. Hartmann and C. Thomé. (2019). Basilar Invagination. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 423-428). Switzerland: Springer.
- N. Hecht, M. Czabanka and P. Vajkoczy. (2019). Corpectomies and Osteotomies in the Upper Thoracic Spine and Cervicothoracic Region. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 429-436). Switzerland: Springer.
- B. Meyer & L. Bobinski. (2019). Cervicothoracic Kyphosis in Ankylosing Spondylitis. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 437-446). Switzerland: Springer.

- A. El Rahal, F. Solla, V. Fiere, A. Toquart and C. Barrey. (2019). Sagittal Balance and Preoperative Planning. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 447-458). Switzerland: Springer.
- F. Ringel. (2019). Technical Execution of Correction Osteotomies (SPO, PSO etc). B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 459-464). Switzerland: Springer.
- Y-P. Charles. (2019). Instrumentation Techniques Including Sacral and Pelvic Fixation. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 465-472). Switzerland: Springer.
- S. Hartmann, A. Tschugg and C. Thomé. (2019). Degenerative Lumbar Scoliosis. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 473-480). Switzerland: Springer.
- S. Hartmann, A. Tschugg and C. Thomé. (2019). Long Versus Short Constructs. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 481-489). Switzerland: Springer.
- L. Wessels and P. Vajkoczy. (2019). In Situ Fusion Versus Realignment. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 489-494). Switzerland: Springer.
- S. Haddad, K. Rahnema Zand, and F. Pellisé. (2019). Surgical Management of Developmental High-Grade Spondylolisthesis. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 495-504). Switzerland: Springer.
- D. Rothenfluh and J. Reynolds. (2019). Indications and Technique of Thoracic En Bloc Resections. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 505-512). Switzerland: Springer.
- D. Rothenfluh and E. Bourassa-Moreau. (2019). Management of Failed Back Surgery Syndrome. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 513-522). Switzerland: Springer.
- E. Shiban and B. Meyer. (2019). Minimally Invasive (Long) Dorsal Instrumentation Including Augmentation for Metastasis. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 523-532). Switzerland: Springer.
- U. Liljenqvist. (2019). En Bloc Resection for Metastatic Disease. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 533-538). Switzerland: Springer.
- E. Acaroglu and M. Doany. (2019). Principles of Posterior Surgery in Adolescent Idiopathic Scoliosis. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 539-546). Switzerland: Springer.
- S. Krieg and B. Meyer. (2019). Tumours of the Sacrum. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 547-562). Switzerland: Springer.
- M. Gehrchen. (2019). Radical Excision Is Beneficial for Chordoma? B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 563-566). Switzerland: Springer.
- A. Zdunczyk and P. Vajkoczy. (2019). Intradural Extramedullary Lesions. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 567-572). Switzerland: Springer.
- M. Wostrack. (2019). Indications and Technique for Intradural Intramedullary Lesions. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 533-538). Switzerland: Springer.