

**EduWeek** 2025

ADVANCED

**2**

**Revision and  
Complications  
Management**

## General Information

**EUROSPINE, the Spine Society of Europe**  
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EduWeek 2025 Overview Basic and Advanced Courses			
AUTUMN 2024	MAY-JUNE 2025	23-25 JUNE 2025	2-4 SEPTEMBER 2025
<p><b>REGISTRATION OPENS</b></p> <ul style="list-style-type: none"> <li>Registrations open in early October 2024</li> <li>Exact date announced on the EUROSPINE website, through newsletters and social media</li> <li>Participants can now register and save their place for Basic and Advanced modules</li> <li>Further details and preliminary programmes are shared on the EUROSPINE website</li> </ul>	<p><b>PART 1 - E-LEARNING</b></p> <ul style="list-style-type: none"> <li>Enrolment of participants to the EUROSPINE Learning Management System (LMS) by the Education team</li> <li>Self-paced completion of the module/s by participants</li> <li>Assessment: MCQs that must be passed with a minimum of 70% + CME evaluation</li> <li>Mode of study: online/distance learning through the LMS                             <ul style="list-style-type: none"> <li><b>NO physical presence required</b></li> </ul> </li> </ul>	<p><b>PART 2 - LIVE SESSIONS</b></p> <ul style="list-style-type: none"> <li>Live sessions take place at <a href="#">IRCAD</a> in Strasbourg/France</li> <li>Live sessions include, lectures, case based discussions, workshops, group work (and CadLabs/SkillsLabs for designated modules)</li> <li>Participants arrange their own travel/accommodation to/in Strasbourg/France to take part in the modules</li> <li>Assessment: CME evaluations                             <ul style="list-style-type: none"> <li>Modules 1-5: after completion of part 2+3</li> <li>Module 6: after completion of part 2</li> </ul> </li> <li>Mode of study: <b>in-person, physical presence required</b></li> </ul>	<p><b>PART 3 - VIRTUAL LIVE SESSION</b></p> <ul style="list-style-type: none"> <li>Bring Your Own Case (BYOC) for Modules 1-5 only</li> <li>Participants submit a case prior to the session.</li> <li>Module faculty choose three case that are discussed in breakout groups and facilitated by faculty members.</li> <li>Assessment: CME evaluation after completion of part 2+3</li> <li>Mode of study: <b>online live via Zoom</b> <ul style="list-style-type: none"> <li><b>NO physical presence required</b></li> </ul> </li> </ul>

## Quick Facts

<b>DATES &amp; TIMES</b>	<p><b><u>Live session</u></b> DAY 1 (Skills Lab): 24 June 2025 (14:00-18:15 CEST) AND DAY 2: 25 June 2025 (09:00-17:45 CEST)</p> <p><b><u>Virtual live session</u></b> 04 September 2025 (17:00-18:30 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>

## PART 1 - E-learning Programme

(available from May 2025)

Time/ Duration	Topic	Faculty
00:12	Safety checklist for spine patients	
00:15	Preoperative complications	
00:13	Biomechanics of implant failure	
00:15	Prevention and Management of bleeding complications in complex spinal surgery	
00:26	Prevention and Management of postoperative infections	
00:20	Knowledge check questions	

## PART 2 - Live Session Programme

DAY 1 24 June 2025	
14:00–15:30	Skills lab
15:30–15:45	Coffee Break
15:45–18:15	Skills lab
<b>18:15</b>	<b>End of Day 1 Adv Mod 2</b>
DAY 2 25 June 2025	
09:00–10:30	Cases
10:30–10:45	Coffee Break
10:45–12:30	Cases
12:30–13:30	Lunch
13:30–15:30	Cases
15:30–15:45	Coffee Break
15:45–17:45	Cases
<b>17:45</b>	<b>END OF LIVE SESSION</b>

Case Topic	Faculty
Introduction	
Osteoporotic failure	
Syringomyelia	
Visceral complications	
PJK	
Vertebral artery injury	
C5 palsy	

Mechanical failure of C spine	
Sacral fracture	
Revision of adult deformity	

Lab Topic	Education Support	Faculty
Spinal rod bending system	System demo	
Personalised spine surgery (AI and data science based technology)	System demo	
Dural Repair	Realist simulator	
Craniocervical fixation /occipital fusion	UpSurgeon	
Lumbosacroiliac fixation	STUDs (robotics)	

## PART 3 - Virtual Live Session

### Bring Your Own Case (BYOC)

04 September 2025 17:00 – 18:30 CEST	
17:00-17:05	Introduction
17:05-17:25	Breakout session 1
17:25-17:30	Discussion 1
17:30-17:50	Breakout session 2
17:50-17:55	Discussion 2
17:55-18:00	Break
18:00-18:20	Breakout 3
18:20-18:25	Discussion 3
18:25-18:30	Wrap-up and conclusion
END OF MODULE	

## Learning Outcomes

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

1. List possible early and late complications of spinal surgery
2. Describe how to prevent perioperative complications
3. Manage perioperative complications such as iatrogenic visceral, vascular, and neural injury
4. Explain how to prevent early complications
5. Understand the concepts of preventing and managing infectious, bleeding, and wound healing complications
6. Manage early complications including surgical and non-surgical
7. Define how to prevent late complications
8. Manage late complications such as pseudoarthrosis and proximal junctional kyphosis and sacral fractures
9. Identify poor bone quality and plan revision for such cases

## Recommended Reading

Part VII Advanced Module 2: Complications and Management. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach. Switzerland: Springer.

- S. Krieg. (2019). Safety Checklist for Spine Patients. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 585-598). Switzerland: Springer.
- F. Ringel and J. Conrad. (2019). Positioning of the Patient and Related Complications. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp 599-606). Switzerland: Springer.
- H. Meyer. (2019). Post-laminectomy Kyphosis. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 607-612). Switzerland: Springer.
- S. Ille, S. Krieg, and B. Meyer. (2019). Failed Back Surgery Syndrome: The Scar is a Myth. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 613-620). Switzerland: Springer.
- J. Franke and S. Michalitsis. (2019). Adjacent Segment Disease with 13 Years Follow Up and Five Operations. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 621-630). Switzerland: Springer.
- M. Rickert. (2019). Management of Postoperative Infections. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 631-640). Switzerland: Springer.
- C. Fleege. (2019). Management of Pseudoarthrosis with Implant Failure. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 641-648). Switzerland: Springer.
- C. Yilgor and E. Acaroglu. (2019). Proximal Junctional Kyphosis Despite Best Efforts in Planning and Execution. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 649-658). Switzerland: Springer.
- A. Pingel and F. Kandziora. (2019). Management of Failure of Osteoporotic Fixation. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 659-666). Switzerland: Springer.
- D. Rodriguez-Rubio and J. Lafuente. (2019). Post-operative C5 palsy. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 667-672). Switzerland: Springer.
- S. Krieg. (2019). Non-spinal complications. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 673-696). Switzerland: Springer.
- J. Duff and R. Maduri. (2019). Management of CSF Fistula. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 697-701). Switzerland: Springer.