



EDUCATION **EURO
SPINE**

EduWeek 2024

24-26 JUNE | STRASBOURG, FRANCE

**Advanced Module 1:
Extended Indications and Advanced
Operative Techniques**

General Information

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*E-learning only

EduWeek 2024 Overview Basic and Advanced Courses			
AUTUMN 2023	MAY-JUNE 2024	24-26 JUNE 2024	3-6 SEPTEMBER 2024
<p>REGISTRATION OPENS</p> <ul style="list-style-type: none">Registrations open in early October 2023Exact date announced on the EUROSPINE website, through newsletters and social mediaParticipants can now register and save their place for Basic and Advanced modulesFurther details and preliminary programmes are shared on the EUROSPINE website	<p>PART 1 - E-LEARNING</p> <ul style="list-style-type: none">Enrolment of participants to the EUROSPINE Learning Management System (LMS) by the Education teamSelf-paced completion of the module/s by participantsAssessment: MCQs that must be passed with a minimum of 70% + CME evaluationMode of study: online/distance learning through the LMS<ul style="list-style-type: none">NO physical presence required	<p>PART 2 - LIVE SESSIONS</p> <ul style="list-style-type: none">Live sessions take place at IRCAD in Strasbourg/FranceLive sessions include, lectures, case based discussions, workshops, group work (and CadLabs/SkillsLabs for designated modules)Participants arrange their own travel/accommodation to/in Strasbourg/France to take part in the modulesAssessment: CME evaluations<ul style="list-style-type: none">Modules 1-5: after completion of part 2+3Module 6: after completion of part 2Mode of study: in-person, physical presence required	<p>PART 3 - VIRTUAL LIVE SESSION</p> <ul style="list-style-type: none">Bring Your Own Case (BYOC) for Modules 1-5 onlyParticipants submit a case prior to the session.Module faculty choose three case that are discussed in breakout groups and facilitated by faculty members.Assessment: CME evaluation after completion of part 2+3Mode of study: online live via Zoom<ul style="list-style-type: none">NO physical presence required <p>NEW in 2024</p>

Quick Facts

DATES & TIMES	<u>Live session</u> DAY 1: 24 June 2024 (09:00-17:00 CEST) AND DAY 2 (CadLab): 25 June 2024 (08:00-12:30 CEST)
	<u>Virtual live session</u> 05 September 2024 (15:00-16:30 CEST)
LIVE SESSION VENUE	IRCAD, 1 Place de l'Hôpital, 67000 Strasbourg, FRANCE
MAX. ATTENDEES	30 delegates
REGISTRATON FEES	EUROSPINE Member: €800 Non-member: €1,000
CME CREDITS	<p>The EUROSPINE Basic and Advanced Spine Surgery eLearning platform made available on https://eurospine.matrixlms.eu and organized by EUROSPINE, the Spine Society of Europe is accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) to provide the following CME activity for medical specialists. The e-learning activity for this module is accredited with 9,5 CME credits.</p> <p>Only those e-learning materials that are displayed on the UEMS-EACCME® website have formally been accredited. Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credit to AMA credit can be found at https://edhub.ama-assn.org/pages/applications.</p> <p>The live session accreditation is pending.</p>
LANGUAGE	English
DRESS CODE	Smart casual
E-LEARNING	<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 2024 on the EUROSPINE Learning Management System (LMS). <u>This component must be completed before the live session.</u></p>
MODULE COMPLETION	<p>A module is only deemed as complete when participants have met ALL of the following conditions:</p> <ul style="list-style-type: none"> • Passed the e-learning with at least 70% AND • Attended the live session AND • Attended the virtual BYOC live session AND • Submitted the course evaluations for the e-learning and the (virtual) live session component

TARGET AUDIENCE Trained surgeons who have completed their European Spine Course Diploma or trained and practicing surgeons with more than 2 years of experience.

IMPORTANT (!)

- Completion of e-learning module is mandatory
- Attendance of the live session and virtual live session is mandatory
- 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

PART1 - E-learning Programme

(available from May 2024)

Time/Duration	Topic	Faculty
Craniocervical Junction		
00:25	Indications for craniocervical junction fixation surgery	John Duff
00:24	Indications for anterior resection techniques at the CCJ	Bernhard Meyer
00:10	How do I do it: endoscopic transnasal odontoid resection	Bernhard Meyer
00:20	C0/C1/C2 fixation techniques	Bart Depreitere
00:20	Knowledge check questions	
Cervicothoracic Junction		
00:26	Instrumentation in the cervicothoracic junction	Bart Depreitere
00:16	Tumours expanding to the spine	Bart Depreitere
00:18	Kyphosis correction techniques and indications	John Duff
00:20	Knowledge check questions	
Thoracic Spine		
00:13	Indications and techniques for thoracic disc herniation surgery	Serdar Kahraman
00:18	Indications for en bloc spondylectomy	Haluk Berk
00:23	How do I do it: thoracic en bloc spondylectomy	Bart Depreitere
00:19	Minimally invasive thoracic instrumentation and augmentation	John Duff
00:20	Knowledge check questions	
Adolescent Idiopathic Scoliosis (AIS)		
00:18	Indications for conservative management and surgery in AIS	Haluk Berk
00:29	Surgery principles in AIS	Ibrahim Obeid
00:23	Spinal Cord Monitoring in Deformity Surgery	Haluk Berk
00:20	Knowledge check questions	
Lumbar Degenerative Deformities		
00:20	Sagittal balance and operative planning	Ibrahim Obeid

Time/ Duration	Topic	Faculty
High-Grade Lumbar Spondylolisthesis and Tumour Surgery and Reconstruction & Intradural Tumours		
00:14	Surgical techniques and indications in high grade spondylolisthesis surgery	John Duff
00:09	How do I do it: sacral dome resection	Bernhard Meyer
00:16	Indication and techniques of sacral tumour resections	Bernhard Meyer
00:18	Indications for neo-adjuvant therapies in spinal tumours	Bart Depreitere
00:17	Indications and techniques for intradural extramedullary lesions	Bernhard Meyer
00:15	Intramedullary tumours	Serdar Kahraman
00:20	Knowledge check questions	
00:20	Correction osteotomies	Ibrahim Obeid
00:10	Augmentation in the osteoporotic spine	Serdar Kahraman
00:11	How do I do it: sacral/pelvic fixation technique	Bernhard Meyer
00:20	Knowledge check questions	

PART 2 - Live Session Programme

DAY 1 24 June 2024	
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
DAY 2 25 June 2024	
07:45–12:30 (incl. 1x30 mins. Break around 10:00-10:30)	Cadaver Lab Workshop
07:45 – 08:00	Preparation for CadLab workshop (sign-in, changing, going to assigned tables etc)
08:00 - 10:00	Session 1
10:00 – 10:30	Coffee break
10:30 – 12:30	Session 2
12:30	END OF LIVE SESSION

Case discussions			
Topic	Case presenter	Expert	Moderator
Spinal cord anomalies	TBC	TBC	Rothenfluh
Cervicothoracic PVCR and reconstruction	Obeid	Rothenfluh	TBC
Cranial settling	TBC	TBC	TBC
Spinal metastasis	TBC	TBC	Rothenfluh
Severe AIS	TBC	Obeid	Rothenfluh
Degenerative scoliosis	Obeid	TBC	TBC
Primary thoracic tumour	Rothenfluh	TBC	TBC
Conus tumour	TBC	TBC	TBC
Thoracic disc herniation	TBC	TBC	Obeid

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

PART 3 - Virtual Live Session

Bring Your Own Case (BYOC)

05 September 2024	
15:00 – 16:30 CEST	
15:00-15:05	Introduction
15:05-15:25	Breakout session 1
15:25-15:30	Discussion 1
15:30-15:50	Breakout session 2
15:50-15:55	Discussion 2
15:55-16:00	Break
16:00-16:20	Breakout 3
16:20-16:25	Discussion 3
16:25-16:30	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.