



Unlock the path to mastering spine deformity surgery!

This course covers the key concepts, principles, and techniques for managing spinal deformity in adult and pediatric patients. It is the initial step along the path of lifelong learning in deformity management.

Course highlights:

You will learn the essential principles and state-of-the-art techniques of spinal deformity management through a highly interactive format: short evidence-based lectures, case-based discussions with expert faculty, and skills lab to practice hands-on skills using real instruments and implants.

Every aspect of the course is meticulously crafted to empower participants with decision-making skills and surgical management expertise. Handouts will be provided to help apply the knowledge and to plan and make decisions for real cases after the course.

Who is this course for?

This course is designed for orthopaedic and neurosurgical spine fellows and residents; for experienced surgeons who want an update on general principles of deformity management; and for Global Spine Diploma participants and alumni.



Application will be made to the UEMS-EACCME® in Brussels for European CME credits (ECMEC) for these courses.

AO Foundation

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What you will learn:

- Perform a history, clinical, and physical examination in adult and pediatric patients with deformity
- Order and interpret imaging and investigations to classify the scoliosis, kyphosis, and associated deformities
- Plan surgical correction appropriate to the patient and pathology using e.g., Cobb angles, and recognize when nonoperative care is an option
- Place pedicle screws and hooks in the thoracic and lumbar spine
- Perform correction maneuvers (contouring, rod arrangement, reduction, correction, and osteotomies)
- Avoid and manage complications
- Recognize the role of emerging technologies and latest research findings and evidence in clinical practice

Modules:

- Assessing deformity of the spine
- Intraoperative neuromonitoring
- Selection of fusion levels in AIS
- Scheuermann's kyphosis*
- Degenerative scoliosis

Hands-on practical exercises:

- Correction of thoracic scoliosis in AIS
- Correction of de novo adult lumbar scoliosis
- Scheuermann's kyphosis*

*Selected courses only, please check your program for details.

Please follow the links to the [AO Spine Courses and Events](#) page to find all upcoming courses near you.



COURSE DATES

