

# AO Trauma Course

## Advanced Principles of Fracture Management

### Course description

An online pre-course self-assessment prepares participants for the course and allows the faculty to tailor the course to the needs of the participants.

The course will be taught in a modular format. Each module consists of several evidence-based lectures, which will cover the key information required. In practical exercises participants will be trained in the application of various techniques. Discussing cases in small groups will help participants to understand decision-making and management skills.

After the course an online post-course self-assessment will provide participants with an opportunity to review the important topics from the course. To support self-directed learning, a range of additional online resources will be offered.

### Goal of the course

The course builds upon the AO principles and techniques learned in the AO Trauma Course—Basic Principles of Fracture Management and focuses on the principles and techniques of operative fracture management in more complex injuries.

### Target participants

This course is targeted at surgeons who are at the threshold of becoming independent surgeons and taking over decision-making responsibility for the treatment of complex injuries.

Participants must have already completed the AO Trauma Course—Basic Principles of Fracture Management and must be actively involved in trauma management.

### Learning objectives

Upon completion, participants should be able to:

- Apply reduction techniques in fracture management with attention to soft tissues
- Assess and treat complex diaphyseal and (peri)articular fractures using advanced application techniques
- Demonstrate strategies for assessing and treating open fractures and soft-tissue injuries
- Initiate appropriate management for patients with pelvic injuries and polytrauma
- Recognize complications and manage these accordingly

### Modules

- Module 1: Review of the principles and new techniques
- Module 2: Injuries of the upper limb
- Module 3: Injuries of the lower limb
- Module 4: Polytrauma, pelvis, and acetabulum
- Module 5: Special situations and problems

### Practical exercises

- Fixation of a proximal humeral fracture
- Fixation of a distal femoral fracture
- Bicondylar tibial plateau fractures
- Management of distal tibial fractures
- Reduction techniques\*
- Fractures of the distal humerus\*
- Distal radial fracture\*
- Intramedullary (IM) nailing of the proximal femur\*
- Open reduction and internal fixation of multifragmentary fractures of the calcaneus\*
- Patient positioning workshop\*

### Small group discussions

- Reduction techniques—concepts and application
- Upper extremity fractures—decision making and methods of stabilization
- Fractures of the femur
- Fractures of the tibia, ankle, and foot
- Decision making in difficult fractures and polytrauma\*

\* Only in selected courses. Check your chosen date and location for the full program.

Application for this course are made to the UEMS-EACCME® in Brussels for European CME credits (ECMEC).

Scan the QR code or click on the link button below to find the nearest location and date for this course:



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