



# AO Trauma Course

## Basic Principles of Fracture Management for Operating Room Personnel

### Goal of the course

The AO Trauma Course—Basic Principles of Fracture Management for ORP teaches fundamental principles and current concepts in the treatment of injuries in relation to pre, per and post-operative nursing and planning.

### Target participants

This course is targeted at ORP (Operating Room Personnel) who are interested in furthering their knowledge and skills in operative fracture management.

### Learning objectives

At the end of this course, participants will be able to:

- Describe AO principles for the operative stabilization of fractures
- Relate soft-tissue damage, fracture healing, and surgical intervention in the injured patient
- Plan appropriate care for patients in the perioperative environment
- Anticipate potential pitfalls and intraoperative complications in fracture care
- Formulate systems for maintaining safe standards of practice
- Prepare and use appropriate instrumentation/implants for fracture treatment
- Use professional networks to share ideas, challenge poor practice, and provide support

### Modules

- Module 1—General Principles
- Module 2—Diaphyseal Fractures
- Module 3—Joint Fractures
- Module 4—Proximal Femoral Fractures
- Module 5—Complications
- Module 6—Other Anatomical Regions

### Practical exercises

- Internal fixation with screws and plate—absolute stability
- Internal fixation of a distal tibial fracture using a locking compression plate
- Intramedullary nailing of the tibial shaft with reaming
- External fixation of a tibial shaft fracture
- Internal fixation of an olecranon with cerclage wiring
- Internal fixation of a proximal femoral fracture
- Internal fixation of a malleolar fracture
- Internal fixation of a forearm shaft fracture

### Course description

The course structure provides didactic presentations, group discussions between participants and faculty, and practical exercises to apply different operative techniques. This course will address:

- Fracture healing
- Bone biology
- Concepts of absolute and relative stability
- Treatment of shaft fractures
- Treatment of articular fractures
- Soft-tissue management
- Perioperative problems and complications in fracture care
- Nursing topics in trauma care
- Hands-on exercises with artificial bones to apply the techniques and promote familiarization with the instrumentation
- Interaction between faculty and participants to clarify understanding

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



[CLICK HERE](#)

