

AO Trauma Online Course

Basic Principles of Fracture Management Essentials

Course description

This online self-study course provides you with the knowledge component of the AO Trauma Basic Principles of Fracture Management course. The four-week course features seven online modules consisting of lectures, readings and resources, and practical exercise videos. The course is moderated by international experts, and online interaction with faculty and colleagues are encouraged.

This activity does not replace the face-to-face or blended Basic Principles courses. Participants should attend a face-to-face course to add the attitude and skills component of the curriculum to their competencies. Participation in a face-to-face course will be imperative to qualify for participation in an advanced course.

Goal of the course

Our goal is to provide participants with the knowledge component of the AO Trauma Basic Principles course. This course is also appropriate for those wanting to revise the principles of fracture management or to prepare for an in-person Basic Principles course.

Target participants

This course is targeted at surgical trainees and is also open to certified orthopedic and trauma surgeons who are interested in furthering their knowledge and skills in operative fracture management.

Online course dates

The course will be held on 5 dates:

February 3-28, 2025

April 1-30, 2025

June 2-30, 2025

September 1-30, 2025

November 3-30, 2025

Learning objectives

Upon completion, participants should be able to:

- Explain the concepts of stability and their influence on bone healing
- Describe how to apply implants to achieve appropriate stability
- Describe how to plan a treatment based on assessment, imaging, classification, and decision-making
- Describe how to apply reduction techniques in fracture management, with attention to the importance of soft tissues
- Evaluate and recognize special problems related to fractures in the immature skeleton, pelvic injuries, osteoporotic fractures, postoperative infection, and delayed union and/or nonunion
- Explain the initial treatment of the polytraumatized patient

Modules

- Module 1: General principles
- Module 2: Stability and biomechanics of bone healing
- Module 3: Treatment of diaphyseal fractures
- Module 4: Treatment of articular fractures
- Module 5: Preoperative planning and forearm fractures
- Module 6: Emergency management and minimally invasive surgery
- Module 7: Special situations and problems

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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