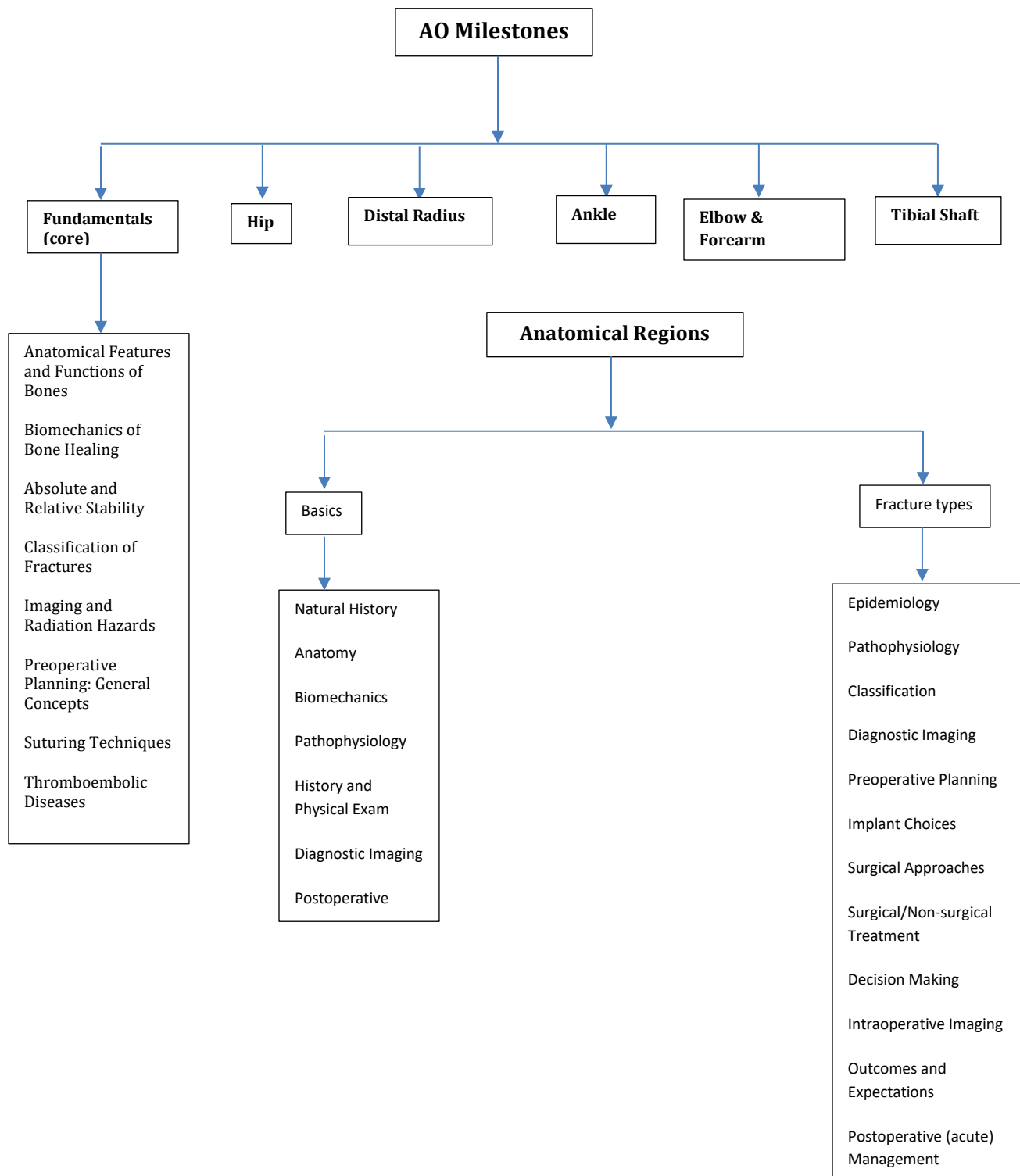


# AO Milestones Program Overview

AO Milestones is designed to align with ACGME standards, ensuring that orthopedic residents meet the essential educational milestones required for expertise in orthopedic surgery.



## Key Features of AO Milestones

- **Adaptive Learning:** personalized, dynamic learning modules that adapt to individual residents' needs, offering a tailored educational experience.
- **Comprehensive Assessment:** the program integrates formative and summative assessments, ensuring residents gain mastery in surgical techniques, fracture management, and decision-making skills.

## Program Structure and Content

AO Milestones is divided into core concepts and anatomical region-specific content, each designed to enhance both theoretical knowledge and practical skills.

### Core Modules (Fundamentals)

These foundational modules cover essential topics, preparing residents with the key knowledge required in orthopedic surgery:

- Anatomical Features and Functions of Bones
- Biomechanics of Bone Healing
- Absolute and Relative Stability
- Fracture Classification
- Imaging and Radiation Hazards
- Preoperative Planning: General Concepts
- Suturing Techniques
- Thromboembolic Diseases

### Anatomical Regions (Specific Modules)

Residents explore detailed anatomical content, focusing on the following regions:

- Hip
- Distal Radius
- Ankle
- Elbow & Forearm
- Tibial Shaft

### Anatomical Region Modules: Basics & Fracture Types

Each anatomical region module is divided into two key sections:

**Basics:** Foundational concepts such as natural history, anatomy, biomechanics, and diagnostic imaging.

**Fracture Types:** In-depth exploration of fracture types, treatment strategies, and surgical approaches.

### **Program Outcomes**

- Fracture Management: Recognize and apply principles for reducing and fixing fractures.
- Treatment Planning: Develop treatment plans based on assessments, imaging, classification, and clinical decision-making.