

CanMEDS Rotation Objectives – Orthopedics

RCPS Emergency Medicine Residency Program

Department of Emergency Medicine

University of Alberta

**While all objectives may not be accomplished in a single rotation, the aim is for the resident to actively seek learning opportunities to fulfill these objectives while on a particular rotation. Many of these objectives will overlap with other rotations. By the end of the residency program, all objectives should be covered.*

Medical Expert

The learner should:

- Develop clinical assessment skills of orthopedic problems
- Develop appropriate differential diagnoses
- Develop an understanding of the principles of fracture management
- Develop an understanding of early and late sequelae of orthopedic injuries
- Develop an understanding of the principles of spinal injury and clinical assessment of these injuries

The learner should gain knowledge of, and where applicable, experience in:

- Measurement of compartment pressures
- Arthrocentesis

The learner should gain competence in the following technical skills:

- Interpretation of adult and pediatric Xrays, including appropriate description of fractures
- Reduction of simple fractures and dislocations
- Clinical assessment for compartment syndrome

Communicator

The learner should develop communication skills to:

- Communicate effectively with patients and families
- Keep accurate and efficient records

Collaborator

The learner should strive to:

- Recognize the roles of and interact effectively with other physicians and health care workers

Leader

The learner should strive to:

- Develop an understanding of the indications for diagnostic imaging
- Develop awareness of appropriate use of health care resources
- Develop team leadership skills

Health Advocate

The learner should strive to:

- Understand when and how to advocate appropriate on behalf of patients
- Understand the determinants of health and their impact on patients

Scholar

The learner should develop:

- Proficiency in critical appraisal of the orthopedic literature, as applicable
- The ability to apply current literature into daily practice

Professional

The learner should:

- Demonstrate integrity and honesty
- Demonstrate compassion and respect in all patient encounters
- Learn and apply ethical principles appropriately
- Be aware of personal limitations and seek assistance when appropriate