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