

**Goals and Objectives for the Orthopaedic Surgery Resident
McGill Orthopaedic (SMH Outpatient Clinics)**

PGY 1

Objectives

Obtain a solid foundation in assessing and diagnosing patients with orthopaedic illness or injury in the outpatient clinical setting.

1. Medical Expert

A. Basic Science

- a) General knowledge of functional anatomy and musculoskeletal physiology as it applies to the orthopaedic patient.
- b) Basic understanding of pathophysiology of acute orthopaedic injuries.
- c) Basic knowledge of the pathophysiology of degenerative disorders of the knee, hip and shoulder.

B. Basic Clinical Knowledge

- a) Awareness of mechanisms of injury as it applies to acute and chronic injuries.
- b) Awareness of clinical signs and symptoms and presentation of common acute orthopaedic injuries, as well as degenerative conditions about the knee, hip and shoulder.

C. History and Physical

- a) Ability to elicit a pertinent history and to physically examine the knee to elicit ligamentous instability, meniscal pathology, tendonitis, and degenerative disease.
- b) Ability to elicit a pertinent history and to physically examine the shoulder to evaluate the various types of instability, rotator cuff tears, impingement, tendonitis, acromioclavicular joint pathology, labral pathology, and degenerative states.
- c) Ability to elicit a pertinent history and to physically examine the hip to evaluate for tendonitis, bursitis, labral pathology, degenerative disease, or acute traumatic injuries.
- d) Ability to elicit a pertinent history and to physically examine a painful hip, knee or shoulder arthroplasty and establish a differential diagnosis relevant to the patient's presentation.

D. Interpretation and Utilization of Information

- a) Ability to order the appropriate and necessary blood tests as it pertains to the above conditions.
- b) Ability to order the appropriate and necessary imaging as it pertains to the above conditions.
- c) Ability to interpret standard radiographs and other relevant imaging tests and blood work as it pertains to the above conditions.

E. Clinical Judgement and Decision Making

- a) Ability to demonstrate a basic understanding of potential treatment options for the above-mentioned conditions.
- b) Ability to obtain informed consent.

F. Technical Skills

- a) Demonstrate knowledge of principles and a basic familiarity with diagnostic and/or therapeutic injections, as relevant to the above conditions.

2. Communicator

- a) Conduct a focused and efficient patient interview, managing the flow of the encounter while being attentive to the patient's cues and responses.
- b) Able to gather information from other sources, including family members and the health information system, that may assist in the patient's care.
- c) Able to effectively demonstrate patient-centered skills as a communicator and communicate effectively with other physicians, allied health professionals, patients and families.
- d) Provide information about the diagnosis, prognosis and plan of care clearly and compassionately.
- e) Mitigate physical barriers to communication to optimize patient comfort, privacy, engagement, and safety.
- f) Document a clinical encounter to adequately convey clinical reasoning and the rationale for decisions and/or recommendations using progress notes, consultations or discharge summaries and organize information in appropriate sections of an electronic or written medical record.

3. Collaborator

- a) Communicates effectively with other physicians and health care professionals
- b) Interacts and consults effectively with all allied health professionals and acknowledges their roles and expertise.

4. Manager

- a) Shows ability to incorporate the use of current information technology into the practice of medicine (e.g.: use of PACS, internet, digital imaging, telehealth technology)
- b) Shows a basic understanding of the use of healthcare resources in a cost-effective and patient sensitive manner.

5. Health Advocate

- a) Shows an ability to act as an effective healthcare advocate for the patient, society, and the community.
- b) Work with the patient and/or family to identify opportunities for disease prevention, health promotion, and health protection

6. Scholar

- a) The trainee exhibits a familiarity with sources of current scientific literature as it pertains orthopaedic trauma, sports medicine and basic hip/knee/shoulder arthroplasty.
- b) Develops an ability to critically evaluate and appraise medical literature.
- c) Shows an ability and willingness for teaching medical students and allied healthcare workers and patients.

7. Professional

- a) Completes assigned responsibilities including the appropriate Entrustable Professional Activities (EPAs).

- b) Displays dependability, reliability, honesty and is forthright with patients and colleagues.
- c) Displays an understanding and sensitivity to age, gender, culture and ethnicity issues.
- d) Displays responsibility and self-discipline and punctuality.
- e) Recognizes his/her own limitations and is able to seek and give advice/assistance when necessary.
- f) Maintains patient confidentiality and identifies situations where confidentiality is breached.
- g) Exhibit professional behaviors in the use of technology-enabled communication

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