

Community Orthopedics

CanMEDS roles and responsibilities

The following objectives are meant to assist the learner throughout their rotation. As this is a rotation in community orthopedics to expose the learner to the concept of a “general orthopedic surgeon” the competencies from the other orthopedic rotations can be applied to this rotation as well. The main purpose of this rotation is to understand the differences between community and academic practice and the limitations or opportunities that may present.

The learner is expected to review these at the beginning of their rotation as well as the end with their staff person.

1. MEDICAL EXPERT

Upon completion of the community rotation the learner will be able to

- a. Understand the scope of practice in a community setting and the limitations based on geography and resources
- b. Demonstrate the core knowledge in the medical expert competencies based on their level of training
- c. Understand the structure of health care in a community setting including access to tertiary care and the need to transfer a patient when this care is not available
- d. Demonstrate the ability to perform proper investigations and to stabilize a patient for transfer.
- e. Demonstrate their ability to work within a multi-disciplinary team

Technical Skills

At the end of a rotation the learner will be able to

Perform adequately many community based procedures including

- a. Common upper extremity fractures
- b. Hip fractures
- c. Uncomplicated arthroplasty hip/knee
- d. Common lower extremity fractures
- e. Arthroscopy knee including meniscal repair/resection, debridement
- f. Uncomplicated pediatric fractures

Specific Requirements

1. Understand the roles of other health care professionals
2. See the advice of other members of the health care team
3. Organize/lead team meetings to discuss problems in investigation/therapy (multidisciplinary conference)
4. Consult regularly and reasonably with other physicians and members of the health care team
5. Share knowledge effectively to formulate a health care plan

III. COLLABORATOR

General Requirements

1. Consult effectively with other physicians and health care professionals
2. Contribute effectively to other interdisciplinary team activities

IV. LEADER

General Requirements

1. Utilize resources effectively to balance patient care, learning needs and outside activities
2. Allocate finite health care resources wisely
3. Work effectively and efficiently in a health care organization
4. Utilize information technology to optimize patient care, life-long learning and other activities

Specific Requirements

1. Participate effectively in resource planning for the orthopedic patient
2. Participate in discharge planning

V. HEALTH ADVOCATE

General Requirements

1. Identify the important determinants of health affecting patients
2. Contribute effectively to improve the health of patients, their families and communities
3. Recognize and respond to those issues where advocacy is appropriate

Specific Requirements

1. Demonstrate knowledge of the epidemiology of orthopedic disease and injury
2. Advise patients/family of the role of environmental roles of orthopedic disease and injury
3. Promote prevention of orthopedic disease and injury
4. Outline community resources available to patient/families dealing with orthopedic disease
 - a. Social work
 - b. Physiotherapy
 - c. occupational therapy
 - d. dietary/nutritional services
 - e. prosthetic support services
5. Identify the possibility of non-accidental injury (physical abuse) and make the appropriate referrals to prevent further harm

VI. SCHOLAR

General Requirements

1. Develop, implement and monitor a personal continuing education strategy
2. Critically appraise sources of medical information
3. Facilitate learning of patients, housestaff and other health professionals
4. Contribute to development of new knowledge

Specific Requirements

1. Question current practice
2. Develop a teaching contract that reflects the multidisciplinary approach to orthopedic surgery
3. Critically assess the orthopedic literature as it pertains to diagnosis, investigation, treatment and follow-up:
 - a. Outline types of trial design
 - b. Define the relevance of statistical significance and how it is determined
4. Define type I and type II errors and their relevance
5. Disseminate relevant knowledge to other health care providers

VII. PROFESSIONAL

General Requirements

1. Deliver the highest quality care with integrity, honesty and compassion
2. Exhibit appropriate personal and interpersonal professional behavior
3. Practice medicine ethically consistent with the obligations of a physician

Specific Requirements

1. Understand that professionalism requires ongoing CME
2. Maintain a professional attitude consistent with a practicing orthopedic surgeon
3. Sympathize with the needs of the patient even when they conflict with medical advice
4. Recognize the requirement of patient confidentiality
5. Understand ethical responsibilities as they relate to the orthopedic patient
6. Practice in an ethical, honest and forthright manner
7. Respond to conflict constructively and with compassion