

Orthopedics Goals and Objectives

Medical Knowledge

The resident should be able to:

1. Gain knowledge and skills in obtaining a history and performing physical examination of the musculoskeletal system.
2. Gain knowledge and skills in proper immobilization and casting of orthopedic injuries.
3. Gain knowledge of radiologic and laboratory tests, including indications and limitations in diagnosing orthopedic conditions.
4. Gain knowledge in interpreting plain radiographs of the musculoskeletal system.
5. Gain knowledge in the diagnosis and management of common orthopedic conditions, including sprains, strains, fractures, and bursitis, as well as an understanding of when referral is appropriate.
6. Gain knowledge of proper patient referrals to ancillary services such as physical therapy, occupational therapy and rehabilitative services in managing orthopedic conditions.

Patient Care

The resident should be able to:

1. Give oral and written presentations to attending physicians in an organized, concise accurate manner, including a differential diagnosis and management plan.
2. Demonstrate principles of patient autonomy, confidentiality and informed consent.
3. Develop and demonstrate the ability to work in an efficient, organized manner in assessing and triaging patient according to urgency.
4. Use laboratory tests appropriately in delivering patient care.
5. Learn proper techniques of intra-articular injection and aspiration.
6. Learn and demonstrate competency in the following procedures:
 - a. Interpretation of X-rays.
 - b. Splinting and casting.
 - c. Joint injection and aspiration.

Interpersonal Communication Skills

The resident should be able to:

1. Effectively communicate with attending physicians and other healthcare team members in coordinating comprehensive care.
2. Effectively communicate medical decisions and recommendations to colleagues and patients.
3. Discuss and demonstrate strategies to discuss sensitive subjects with patients.
4. Demonstrate effective, compassionate communication with patients and families while considering psychosocial, economic and cultural issues of care.

Systems Based Practice

The resident should be able to:

1. Demonstrate effective, compassionate, empathetic communication with patients and families while considering the psychosocial, economic and cultural issues of care.
2. Utilize ancillary services to provide cost-effective and economically appropriate medical treatments.

Practice Based Learning and Improvement

The resident should be able to:

1. Appraise and assimilate scientific evidence to guide improvement in patient care.
2. Incorporate formative evaluation and feedback into daily practice.
3. Use information technology to optimize learning.

Professionalism

The resident should be able to:

1. Present themselves professionally in regards to dress, punctuality, and interactions with patients, families and all medical care providers.
2. Demonstrate compassion, integrity and respect for others.
3. Demonstrate respect for patient privacy and autonomy.
4. Apply the principles of medical ethics to decision making.