

# HCMC FAMILY MEDICINE RESIDENCY PROGRAM

## G3 Orthopedics

### ROTATION GOALS AND OBJECTIVES

#### Patient Care

##### Objectives:

##### By the end of the rotation, the G3 resident will:

- Perform an appropriate musculoskeletal history and exam for both acute and chronic musculoskeletal and connective tissue disorders
- Develop a differential diagnosis for acute musculoskeletal trauma and chronic degenerative disorders
- Manage rheumatic, infectious, and degenerative arthritic conditions, congenital abnormalities of bones and joints and manage common sprains, fractures and dislocations
- Identify clinical signs and symptoms that can indicate rheumatic, infectious, and degenerative arthritic conditions and then appropriately evaluate and manage these conditions
- Develop treatment plans that include preventative care, rehabilitation and restorative function
- Evaluate acute musculoskeletal trauma and acute pain syndromes
- Order appropriate ancillary tests and interpret them including plain radiographs, CT, MRI
- List indications and perform the following procedures safely under the supervision of experienced senior resident or faculty attending: closed reduction of fractures/dislocations, splint application, cast removal, musculoskeletal x-ray interpretation

#### Medical Knowledge

##### Objectives:

##### By the end of the rotation, the G3 resident will:

- Understand acute orthopedic injuries related to trauma
- Learn basic elements of fracture care including operative and non-operative care
- Describe common traumatic musculoskeletal injuries
- Discuss degenerative conditions including evaluation and management
- Understand prevention strategies for common musculoskeletal injuries and conditions

Topic	Primary reference	Secondary reference
Fracture Management	<u>Stress Fractures: Diagnosis, Treatment, and Prevention</u> (01/01/2011)	
Upper extremity and shoulder	<u>Clavicle Fractures</u> (01/01/2008)	
Common forearm and hand fractures	<u>Common Forearm Fractures in Adults</u> (11/15/2009)  <u>Diagnosis and Management of Scaphoid Fractures</u> (09/01/	
Foot and ankle fractures	<u>Diagnosis and Management of Metatarsal Fractures</u>	

	(09/15/2007)  <u>Evaluation and Management of Toe Fractures</u> (12/15/2003) <u>Tarsal Navicular Stress Fractures</u> (01/01/2003) <u>Foot Fractures That Are Frequently Misdiagnosed As Ankle Sprains</u> (09/01/2002)	
Caring for fractures	<u>Splints and Casts: Indications and Methods</u> (09/01/2009) <u>Principles of Casting and Splinting</u> (01/01/2009)	

## Practice-Based Learning and Improvement

### Objectives:

#### By the end of the rotation the G3 resident will:

- Accept and demonstrate consistent ability to incorporate feedback
- Recognize the appropriate and timely referral to physical therapists for specialized care.
- Outline the appropriate and timely referral to occupational therapists for specialized care
- Demonstrate ability to educate patients and families on orthopedic topics
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## Systems-Based Practice

### Objectives:

#### By the end of the rotation, the G3 resident will:

- Know how to prescribe medications appropriately in a cost effective manner
- Demonstrate patient advocacy
- Manage the overall health care plan, linking consultants to provide excellent care
- Provide an integrated view of healthcare for patients and families

## Professionalism

### Objectives:

#### By the end of the rotation, the G3 resident will:

- Consistently incorporate sensitivity to cultural differences into treatment plans
- Apply the patient's perception of illness to appropriate care
- Incorporate patient's preferences when formulating a plan of care
- Vigorously defend a patient's privacy

## Interpersonal and Communication Skills

### Objectives:

#### By the end of the rotation, the G3 resident will:

- Demonstrate independence and promptness in completing medical records
- Consistently communicate effectively with patients and family
- Use interpreters effectively and efficiently
- Model effective communication with consultants, team members and members of the allied health team