Lahey Clinic Internal Medicine Residency Program: Curriculum for Orthopaedic Surgery

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Overall Educational Purpose and Goals

To provide internal medicine residents an educational experience in the assessment and management of common orthopaedic problems encountered in a general internal medicine practice.

Program Organization

Residents have several venues for exposure to orthopaedic concerns

1) All residents rotate at Lahey Clinic Medical Center, North Shore, in Peabody, Mass., for two weeks, where they will spend several sessions in the Orthopaedic Clinic.
2) Residents rotate through the musculoskeletal ambulatory block, where they also spend sessions in the Orthopaedic Clinic at the Burlington campus.
3) Residents are expected to provide care for common orthopaedic problems for their panel of patients in Continuity Clinic.
4) Residents interact with the Orthopaedic Surgery service for consultations for inpatient care.

Teaching Goals

- To provide medical residents an opportunity to evaluate and treat common orthopaedic problems likely to be encountered in an internal medicine practice
- For residents to understand the role of an orthopaedic consultant in the care of the medical patient
- For residents to become proficient in the examination of joints
- To provide residents the opportunity to begin to interpret plain radiographs of joints for the diagnosis of osteoarthritis
- For residents to understand the role of physical therapy in the care of patients with orthopaedic problems

Principle Educational Goals Based on the ACGME General Competencies

In the tables below, the principle educational goals of the Orthopaedic curriculum are listed for each of the six ACGME competencies

1) Patient Care
2) Medical Knowledge
3) Practice-Based Learning and Improvement
4) Interpersonal and Communication Skills
5) Professionalism
6) Systems-Based Practice

The abbreviations for the type of learning environment and evaluation method are defined below.

Learning Environment:

OC Orthopaedic Clinic
HBS Hospital-based service
MCC Medicine continuity clinic

Evaluation Methods:

GA Global assessment
CP Case presentations to attending
MCX Mini-CEX
PL Procedure log
ISE In-Service exam

1) Patient Care

Objective	Learning Environment	Evaluation Method
Perform a focused orthopaedic exam with particular attention to patient's complaints and functional ability	OC HBS MCC	GA MCX CP PL
Formulate a management plan	OC HBS MCC	GA MCX CP
Clearly document patient management in the medical record	OC HBS MCC	GA MCX CP

2) Medical Knowledge

Objective	Learning Environment	Evaluation Method
Recognize the presenting symptoms of common orthopaedic problems, including, but not limited to: ▪ Patellofemoral disease ▪ Plantar fasciitis	OC HBS MCC	GA CP MCX ISE

▪ Epicondylitis ▪ Bursitis of hips and shoulders ▪ Low back strain		
Formulate differential diagnosis for common orthopaedic diseases	OC HBS MCC	GA CP MCX ISE
Use diagnostic and therapeutic options appropriately	OC HBS MCC	GA CP MCX ISE
Recognize when patient needs physical therapy referral or orthopaedic consultation	OC HBS MCC	GA CP MCX

3) Practice-Based Learning and Improvement

Objective	Learning Environment	Evaluation Method
Be able to perform a literature search to answer clinical questions	MCC	GA
Be able to interpret laboratory and radiologic data	OC HBS MCC	GA MC CP
Identify deficiencies in knowledge base and develop independent means to address them	OC HBS MCC	GA

4) Interpersonal and Communications Skills

Objective	Learning Environment	Evaluation Method
Communicate effectively and compassionately with patients	OC HBS MCC	GA MCX
Effectively communicate patients' needs to other providers	OC HBS MCC	GA MCX
Facilitate functioning of multidisciplinary team	OC HBS MCC	GA

5) Professionalism

Objective	Learning Environment	Evaluation Method
Interact with patients, colleagues and hospital staff in a respectful manner	OC HBS MCC	GA CP
Maintain patient confidentiality and HIPAA guidelines	OC HBS MCC	GA CP

6) Systems-Based Practice

Objective	Learning Environment	Evaluation Method
Understand the role of multidisciplinary care for the management of patients with orthopaedic problems	OC HBS MCC	GA MCX ISE CP
Understand appropriate referrals for orthopaedic care	OC HBS MCC	GA CP