Y34 Surgery - Podiatric

Course ID: MED 797BR/997BR
Discipline: Surgery
Prerequisites: 8 or more weeks of core clerkships
Available Sites: Saginaw
Duration: 4 weeks

Description
The purpose of the Podiatric Surgery elective rotation is to educate the student regarding the principles and skills underlying the recognition and management of common Podiatric diseases, and their surgical treatments. In addition, the student will become familiar with diagnostic techniques used to identify musculoskeletal, dermatological, vascular, and neurological disorders affecting the foot and ankle. Medical students will also learn when it is appropriate to initiate a referral to a Podiatric Medicine and Surgery specialist.

Key Objectives
- Describe the anatomy and physiology of normal and abnormal bone and soft tissue components of the foot and ankle
- Identify the appropriate use of both traditional and newer imaging technology
- Develop the differential diagnosis for podiatric medical and surgical conditions.
- Explain methods of assessing the degree and extent of local injuries or pathologic processes involving the foot and ankle
- Identify podiatric patterns and diagnostic testing for bone and soft tissue infection, abnormal healing, neurologic abnormalities, rashes, and vascular disease.
- Analyze local complications including but not limited to bone and soft tissue infection, compartment syndromes, malunion, delayed union, nonunion, vascular insufficiency, infection and osteoporosis.
- Perform physical examinations and assessments of the lower extremity
- Summarize complete pre-operative and post-operative management of the Podiatric surgical patient.
- Interpret routine and adjunctive diagnostic studies
- Describe the rationale of surgical and non-surgical care of patients with a given diagnosis, the impact of co-morbid conditions in managing podiatric conditions—both operative and non-operative
- Discuss the nutritional and metabolic effects of injury, healing and surgical intervention
- Identify the clinically pertinent principles of rehab and functional restoration with specific emphasis on muscle and joint physiology.
- Discuss the economic impact of operative and non-operative care and the costs associated in the diagnostic and treatment process, post-operative care, wound care, casting, bracing and rehabilitation

Assessment Method
College of Medicine standard elective assessment will be completed by supervising faculty at conclusion of elective clerkship.
Scheduling Information

Interested students should contact CMU College of Medicine Department of Distributed Clinical Education at CMEDDCE@cmich.edu.