**EVALUATION OF THE FOOT AND ANKLE IN THE EMERGENCY DEPARTMENT**

**INSTRUCTOR’S GUIDE**

**BACKGROUND:**

Muscular skeletal injuries are commonly seen in the emergency Department and are an important subject matter relevant to all physicians.

**PURPOSE & GOALS:**

To provide a general overview of foot and ankle anatomy, radiography, physical examination, and common exam topics with cases to prompt discussion and discuss management of frequently encountered injuries.

**EDUCATIONAL OBJECTIVES:**

by the end of this didactic session, the learner will be able to:

* Identify anatomic structures of the foot and ankle
* Interpret radiographic structures of the foot and ankle
* Perform examination of the foot and ankle
* Use the Ottawa Foot and Ankle Rules
* Diagnose and manage commonly encountered pathological conditions involving the foot and ankle

**RESOURCE FILES:**

1. Evaluation of the foot and ankle in the Emergency Department didactic (filename: Evaluation of the foot and ankle in the Emergency Department.pptx)

* This didactic provides an overview of foot and ankle evaluation for Emergency physicians
* Estimated time: 60 minutes

2. Summary Handout (filename: Evaluation of the foot and ankle in the Emergency Department.pdf)

* This document provides a summary of the teaching points for the module

**TOTAL MODULE DURATION:** 60 minutes

**REQUIRED RESOURCES:**

* Computer with capability of running PowerPoint

**DESCRIPTION OF MODULE:**

Intended Audience

* This module was developed for medical students, EM residents at any level of training and attending physicians

Recommended implementation/timeline

* During the module
  + This didactic session can be delivered to any size group. Participants may be divided into small groups by level of training to further facilitate discussion.
* **Evaluation of the ankle in the Emergency Department** Didactic presented by a senior resident or faculty member. (60 minutes)
* Optional ultrasound practice: The learners may participate in a short session to practice ultrasound (self/partner/model) of the foot and ankle to identify . (15 minutes)
* Optional durable medical equipment demonstration: The learners may participate in a brief demonstration of how to size and apply an ankle brace, ACE wrap walking boot. (15 minutes)

**CONCLUSIONS:**

Care of musculoskeletal disorders is part of the ABEM Model of Clinical Practice, which is designed for use as the core document for our specialty, and a foundation for developing residency curricula. This module was developed to train medical student and residents in the basic concepts of emergency care for foot and ankle disorders. After completion of this curricular module, learners will better understand the foot and ankle joint and application of musculoskeletal medicine.

**REFERENCES:**

1. ClelandD J. Netter's Orthopaedic Clincial Examination. [S.l.]: Elsevier - Health Science; 2020.
2. Tintinalli J. Tintinallis Emergency Medicine. [New York]: Mcgraw-Hill Education; 2020.