

Tumor/Oncology

Length: PGY-II to PGY-V years
Location: Queen's Medical Center
Primary Supervisor: Daniel Singer, M.D.
Contact Telephone #: 521-8109

Goals and Objectives

At the end of this rotation, the resident will be able to:

1. Appropriately evaluate and diagnose suspected sarcomas and metastatic carcinomas.
2. Evaluate radiographs to determine late and active or aggressive lesions.
3. Stage a sarcoma using the Musculoskeletal Tumor Society (Enneking) staging system.
4. Form a differential diagnosis based on the radiographs, physical examination, and staging studies.
5. Evaluate histology slides and differentiate adenocarcinoma from sarcoma from benign tissue proliferation.

Implementation

1. Two 45-minute didactic lectures that review the biology of sarcomas and staging principles. It is useful that the participants review Enneking's Oncology book, Chapters 1 through 5 prior to these lectures.
2. There will be approximately eight 45-minute case presentations. Each presentation will focus on an area of pathology. An example would be a 45-minute session focusing on chondroid forming tumors. Throughout these sessions we will review bone and soft tissue sarcomas, metastatic carcinomas, benign bone and soft tissue tumors, tumor-like entities, and also entities simulating tumors such as osteomyelitis and metabolic bone disease. Although the focus will be on one particular area that brings the cases of the day together, the participants will not be given the knowledge of the area to be discussed prior to the discussion. It is best that the participant review the topic post discussion to fill in the gaps of the lecture. Making these cases unknowns keeps them interesting.
3. There is a monthly tumor conference at 5:00 p.m. on Mondays. Participants include orthopaedic residents, pathologists, and orthopaedic attendings. The cases that are presented are pre- or post-surgical patients that some of the residents may have knowledge of. The cases will be presented for the chosen resident to evaluate, recommend imaging studies, formulate an appropriate work-up, stage, and recommend surgical radiation and oncologic Rx options.
4. PGY-IV residents will attend a one-week musculoskeletal pathology course sponsored by the University of Florida.

Required Reading

1. Handouts for the Tumor/Oncology rotation to be picked up at the Program office before start of the rotation.