

**COURSE DESCRIPTION:**

In this 4 week elective, the student will attend a variety of clinical tumor boards, and identify and direct the collection of current clinical cases which demonstrate outstanding correlation of imaging and pathology. Case documentation will include review of patient history, physical exam findings, imaging, gross and microscopic pathology findings, and diagnosis. At least 2 cases should include complete information and thorough discussion of the radiologic and pathologic features of a disorder/disease process suitable for submission for publication as a case report.

**LEARNING GOALS & OBJECTIVES:** At the completion of this clinical rotation students should be able to do the following:

1. Identify potential radiologic-pathologic correlation cases from hospital information systems. (SL)
2. Identify optimal images from multiple imaging modalities displaying radiologic pathologic correlation. (MK)
3. Describe the advantages of multidisciplinary care as demonstrated by tumor boards. (PC, CS, SL)
4. Describe the pertinent imaging characteristics of a variety of pathologic disorders. (MK, PC, CS)
5. Describe the gross appearance of pathologic specimens. (MK, CS)
6. Observe the optimal sectioning of gross specimens for radiologic pathologic correlation. (MK, PC, CS, SL)
7. Perform a focused literature search. (PL, MK, PR)
8. Read and analyze scientific literature. (PL, MK, PR)
9. Prepare a potentially publishable scientific case report. (MK, PL, CS)

**INSTRUCTIONAL METHODOLOGIES AND ROTATION ACTIVITIES:** Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:

1. Attendance in a broad spectrum of Tumor Boards (including Pediatric, Thoracic, Breast, GI, and Head and Neck)\*.
2. Review of patient histories, imaging, and pathology
3. Review of current scientific literature, with supervision, feedback, and approval
4. Development of radiologic and pathologic teaching file cases to be presented at the end of the rotation during the monthly Department of Radiology and Pathology Rad/Path Conference.

**PATIENT ENCOUNTERS:** Students will be expected to review and summarize the work-up of patients with the following specified conditions: A spectrum of pathologic conditions (primarily inflammatory/infectious, autoimmune and neoplastic) in at least 2 adults and/or children.

**EVALUATION / FEEDBACK METHODS:** Students will be evaluated using the following methods.

1. Faculty evaluation during rad path topic discussions (PC, PR, MK, CS, SL, PL)
2. Faculty evaluation of Teaching File Cases and Presentations (PR, MK, CS, SL, PL)
3. Faculty evaluation of Literature Search and Case Report (PC, MK, CS, PL)