RDONC 800: Radiation Oncology

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Block 1	3	**Block 3**	3	**Block 5**	2	**Block 7**	0	**Block 9**	1
Block 1A		Block 3A		Block 5A		Block 7A		Block 9A	
Block 1B		Block 3B		Block 5B		Block 7B		Block 9B	
Block 2	3	**Block 4**	3	**Block 6**	2	**Block 8**	1	**Block 10**	1
Block 2A		Block 4A		Block 6A		Block 8A		Block 10A	
Block 2B		Block 4B		Block 6B		Block 8B		Block 10B	

Does this rotation accept visiting students? ☒ YES ☐ NO

COURSE DESCRIPTION:
This elective is primarily for students with an interest in some aspect of oncology and often specifically in the field of radiation oncology. Most will have completed the third-year selective (although it is not a requirement) and be prepared to interact with the physician team, patients, and other personnel. Students should have a solid foundation in oncology and be quite familiar with oncologic care. The students will take on key roles in patient management and frequently be involved in independent research projects. They will be required to do an oral presentation on either their own research projects or some other interesting topic in radiation oncology. While the goals and objectives of this course are similar to those of the third-year selective, the expectations for proficiency are much higher.

LEARNING GOALS & OBJECTIVES: At the completion of this clinical rotation students should be able to do the following:
1. Explain when radiation would be part of the management of a patient with cancer. (MK3, PC1)
2. Interact professionally with other physicians and members of the treatment team. (CS1, PR2)
3. Demonstrate knowledge of complex treatment planning using virtual reality treatment planning computers. (PL2, SL2)
4. Demonstrate ability to examine a variety of adult and pediatric cases with an emphasis on CNS, Breast, Prostate, Lung, Gyn, Head/Neck and GI cancers. These examinations will entail fiber optic scopes and other sophisticated means of examination. (PL4, CS4)
5. Formulate a treatment plan of care. (MK8, CS3)

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. Attend and participate in multidisciplinary tumor boards in which case management with other specialists will be discussed.
2. Attend and participate in daily didactic sessions regarding cancer management, radiobiology, and radiation physics.
3. One-on-one work with attending and resident physicians on patient management teams. Students will be responsible for gathering information on patients and reviewing pertinent literature regarding patients and their diseases.
4. Attend and participate in multi-disciplinary tumor boards in which case management decisions are made. Students should be prepared to discuss current literature including relevant clinical trials and evidence-based medicine.
5. Give a brief presentation during conference on a topic related to cancer.

PATIENT ENCOUNTERS: Students will be expected to work-up patients with these specified conditions:
1. Breast cancer
2. Lung cancer
3. Prostate cancer
4. Pediatric cancer
5. Head and neck cancer
6. Brain tumor

EVALUATION / FEEDBACK METHODS: Students will be evaluated using the following methods:
1. E*Value Clinical Performance Evaluation.
2. Direct observation of clinical and patient care skills by attendings and residents.
3. Final discussion with the departmental chair or his representatives to assess the learning objectives.
4. A mid-point evaluation form will be completed halfway through the rotation in order for the student to be assessed on their performance.

Will students be expected to participate in call? ☐ YES ☒ NO