RDONC 880J: Radiation Oncology

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BLOCK	#	BLOCK	#	BLOCK	#	BLOCK	#
Block 1A	0	Block 3A	0	Block 5A	2	Block 7A	2
Block 1B	0	Block 3B	0	Block 5B	1	Block 7B	3
Block 1C	0	Block 3C	0	Block 5C	2	Block 7C	0
Block 2A	0	Block 4A	1	Block 6A	3	Block 8A	3
Block 2B	0	Block 4B	0	Block 6B	0	Block 8B	0
Block 2C	0	Block 4C	1	Block 6C	2	Block 8C	2

COURSE DESCRIPTION:
The course provides an opportunity for students to work with attending and resident physicians in the Department of Radiation Oncology. Students will have opportunity to both observe and gain hands-on experiences in examining patients with cancer, solving treatment management issues, and initiating treatment planning. Students will be involved with all aspects of the patients' management and will be expected to review patients' charts and be able to discuss key findings such as pathology and imaging results. Students will attend tumor boards with the treatment teams that he/she are assigned to. At the completion of the course, the student should have a foundation for further learning about complex management issues in oncology, specifically as pertains to radiation oncology.

LEARNING GOALS & OBJECTIVES: At the completion of this clinical rotation students should be able to do the following:
1. Assess 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 an 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. (PC4, CS4)
5. Formulate a treatment plan of care. (MK8, CS3)

INSTRUCTIONAL METHODOLOGIES & 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 tumors

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.

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