

RONC 815Am - Introduction to Radiation Oncology (Mayo Clinic, Scottsdale)**Dr. W. Wong (480 301 4338)**4 wks *only*; offered year round*Not* directly supervised/Patient care.

Maximum enrollment of 1

Prerequisites: Completion of third year clerkships

Goals: To become familiar with the field of radiation oncology. To improve skills in performing an oncologic evaluation. Students will learn to evaluate and recommend a treatment plan for patients referred to radiation oncology. Students will assist in formulating treatment plans for patients following review of X-rays, laboratory tests and physical examination results. Students will participate in the simulation or localization of radiation fields on the radiation therapy simulator. Students will follow up with patients and assist those receiving radiation to understand the potential benefits and side effects of their treatment. To become familiar with the advantage of external beam irradiation and brachy therapy in the treatment of malignancies.

Format: Students are supervised directly by the consultant in radiation oncology. They will take histories and perform physical examinations, then review the case, laboratory data, physical examination results and X-rays with the radiation oncologist. During their experience, students assist both the technologist and radiation oncologist in simulating treatment fields and participate in delivering radiation oncology.

Evaluation Methods: Consultants who work with students provide written performance evaluations.