Clinical Rotation in Small Animal Radiation Oncology
Radiotherapy Delivery System:
Tomotherapy
What we do

- Manage radiotherapy patients
  - Diagnosis through treatment
- Tumor imaging (CT)
- Computerized treatment planning
- Anesthesia
- Oversee radiation treatments
- Patient follow up
- Work with pet owners
About the service

• Multidisciplinary cancer care: medical and radiation oncology services work together!

• RT team: 1 faculty, 2-3 residents, medical physicist, radiation techs, anesthetists, receptionist

1. We see new appointments and rechecks
2. We manage radiation in- and out-patients
   – Treatment schedules are 1 day to 4 weeks long
3. We make customized computer radiation treatment plans for each patient
Rounds

- Daily patient rounds with medical oncology
- Daily didactic student rounds
- Cytology rounds on Friday
- +/- Carbone Cancer Center grand rounds
What do you do?

- **Radiation patient management**
  - Daily physical exams and patient care
  - Daily client communication

- **New and recheck appointments**
  - Coordinate work ups/diagnostic tests including CTs

- **Routine procedures**
  - Venipuncture, FNA, biopsy, etc.

- **Computerized radiation treatment planning**
  - Contouring structures on CT images
What you get:
A multi-disciplinary experience

- Radiation Oncology
- Oncology
- Client Communication
- +/- Anesthesia

Learn in rounds and by doing!
What we want from you:

- Enthusiasm
- No clinical oncology experience required

1-3 students per rotation
One week rotations okay
Optional Background Reading


