Goals and Objectives for Q/A Conferences

PGY-2

Goals:
• To assist in learning key clinical elements as related to physics, dosimetry, radiation biology of patients under treatment
• To learn from discussions of key clinical elements in presentation of disease and staging/work-up
• To assist in learning options for treatment

Objectives:
• Understand disease process and be able to answer questions on the natural history, staging, work-up, treatment
• Understand the dosimetry and physics of the beams, why certain energies are chosen, beam arrangements, when IMRT is used, when IGRT is used
• Understand how to assess port films and set-ups for accuracy/
• Improve ability to answer board style questions related to the radiation biology, physics and clinically related disease process/treatment options.

Sessions once per week on Friday from 9-10:30

Resident responsibilities:
• Pull charts for chart rounds
• Have computer set-up and ready to review port films
• Perform a preview of port films prior to conference
• Present your specific patients briefly with plan
• Be prepared to answer board style questions

PGY-3:

To continue those as proposed for PGY-2 but in addition

Goals:
• Further understanding of disease process and staging, work-up and treatment
• Understand further IMRT, IGRT, fusion processes
• Understand how to accurately assess port films
• Continue to improve response to board style questions.
Objectives:

- Understand disease process in more detail
- Further improve understanding of radiation biology of disease process
- To improve understanding of port film assessment, goals for treatment, morbidity of treatment, be able to further understanding of IMRT, and standard 3D along with other techniques
- To improve presentation skills
- Improve ability to answer board style questions

Goals PGY-4

- Continue those goals proposed in PGY-2, 3 level but in addition
- Understand NCCN guidelines for treatment and management of disease processes being presented
- Understand which trials are available for treatment referrals
- Understand inclusion and exclusion criteria for trials
- Continue to work on and understand goals of therapy including IMRT, IGRT

Objectives:

- Further improve understanding of radiation biology and physics
- Improve assessment of portal films and be able to critically assess
- Critically assess isodose distributions and critique other cases presented
- Continue to hone presentation skills
- Improve ability to answer board style questions

Goals PGY-5

- Continue those goals proposed in PGY-2, 3,4 level but in addition
- Fully understand NCCN guidelines, disease processes and staging
- Be able to discuss clinical trial availability for patient being presented
- Be able to discuss and deeply understand implications of physics and radiation biology of presented case
- Be able to thoroughly discuss IMRT, IGRT, APBI, stereotactic radiation and other modalities

Objectives:

- At this point PGY5 resident should be able to run Q/A conference as a junior attending with attending present
- To answer accurately board style questions
• Assist and comment on presentation skills of junior residents
• Critically assess dosimetry plans, portal films

Teaching Methods:

Residents are taught by attending physicians (clinician, physicist, biologist, dosimetrist) one to one.

Assessment Methods of Program:

Each resident is expected to fill out evaluation of program annually.

Supervision:

One on one by the attending clinician, physicist and biologist.

Educational resources:

• Residents have access to the Drexelmed library 24/7.

• Basic Radiation Oncology, Anatomy, Radiology, Medical Oncology, Physics and Radiation Biology texts are available in the Radiation Oncology library/conference room or in the residents’ room.

• Pertinent journals are available on-line. There is also a list of suggested articles, by site, in our Residency Program’s Policy and Procedure manual located in the residents’ room

• Access to NCCN guidelines are accessible and are free on line along with guidelines from NCI, ACS, ASTRO