Goals and Objectives for Journal Club

Overall Educational Goals:

- Goal of the assignment is to review pertinent and recent literature reported in radiation oncology journal or other relevant journals.
- The goal of journal club is to learn to read, understand and interpret the data presented in the article.

PGY-2

Objectives:

- Learn from this educational session to present to a group in a concise fashion the key elements of an article
- To learn to interpret the data
- Learn how this will affect understanding of a certain disease process and potentially patient care
- Learn to navigate on-line journals for articles
- Promote evidence based medicine into conferences and learn to apply methodology to future research projects

Session: Held monthly

Resident Responsibilities:

- Decide on article to be presented either after discussion with chief resident or attending.
- Read and understand the article
- Any questions should be addressed to attending prior to journal club
- Present article by brief power point presentation or handout

PGY-3

Objectives:

- Learn from this educational session to present to a group in a concise fashion the key elements of an article
- To learn to interpret the data
• Learn how this will affect understanding of a certain disease process and potentially patient care
• Better navigate on-line journals for articles
• Promote evidence based medicine into conferences and learn to apply methodology to future research projects
• In addition to objectives of PGY2 the PGY 3 residents will become more proficient at presentation of key articles via power point
• PGY 3 resident will be able to have a deeper understanding of the statistics in articles having had statistics lectures twice therefore will be better able to analyze data

PGY-4 and PGY-5

• All the above and be able to compare data of different analyses and critically pick key articles for discussion
• Mentor the junior residents and critique journal club critically
• Assist in leading discussions in journal club

Teaching Methods:

Residents are taught by attending physician one to one or through didactic lecture and visiting professors. Residents review the topic to be discussed with the attending who is involved with that journal club. Resident is asked to search the literature to come up with appropriate article with oversight by attending. As resident progresses though PGY years (he/she) should be able to do this without much oversight. If power point is performed these slides can be reviewed with attending.

Assessment Methods by resident:

Each resident is expected to fill out evaluation after journal club. Form is in conference room

Assessment Methods by faculty of resident running journal club:

This is included in the semi-annual review by program director. Form that is filled out evaluates performance

Educational resources:

Residents have access to 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 residents’ room. Pertinent journals are available on-line, P/P manual in residents room contains suggested articles by site. Access to NCCN guidelines are accessible and are free on line along with guidelines from NCI, ACS, ASTRO