Inova Schar Cancer Institute
Proton Therapy Fellow
Job Description

Statement

The Proton Therapy Fellow will have a novel opportunity to gain a comprehensive understanding of proton therapy ranging across the clinical, dosimetric, and physics perspectives.

Basic Requirements

- Successful completion of residency training in an ACGME (or international equivalent) approved Radiation Oncology program.
- ABR certification or ABR board eligibility in Radiation Oncology or an equivalent board is required.
- License to practice medicine in Virginia and a Virginia Controlled and Dangerous Substance license (upon acceptance, Inova Schar Cancer Institute will facilitate initiating this process)
- Appropriate Visa requirements if non-U.S. citizen.
- International applicants who have completed a radiation oncology residency may be considered. Candidates must be legally authorized to work in the United States.

Performance Expectations

- To determine the appropriate indications for proton therapy.
- To determine the technical aspects of proton therapy as it pertains to the radiation oncology.
- To apply unique considerations for proton therapy uncertainties.
- To utilize the nuances of treatment volume delineation, treatment planning and treatment plan evaluation as it pertains to the radiation oncologist.
- To utilize their skills in proton therapy for patient education, on-treatment patient symptom management and post-treatment clinical follow-up considerations of proton therapy.
- Under direct supervision, to perform new patient consults of patients who may be suitable for proton therapy and participate in patient education and counseling.
- To present either pre- or post-consultation at weekly conferences in the presence of other attending physicians, dosimetry, and physics colleagues to determine if patients are appropriate proton therapy treatment.
- To review cases from each disease site (Breast, CNS, CSI, H&N, Lung, Liver, Esophagus, GI/GYN and Prostate) for 30-minute case review sessions.
- To review beam arrangements, dosimetry and special physics considerations (when present) for each of the contoured cases done by the Fellow to facilitate discussions of the technical considerations of proton therapy for specific cases.

- To attend tumor boards, chart rounds and Proton Therapy quality assurance meetings, etc.
- To provide the appropriate documentation, workup, simulation setup determination, contouring, treatment plan review, and presentation at Weekly Proton Therapy Quality Assurance Meeting, with appropriate guidance and supervision of the Attending Physician.
- To participate and cover some weekly on-treatment visits for the patients that they planned.
- To maintain an up to date case log to be reviewed monthly by the Program Director.
- To cover the clinic, simulation and treatment patients as Doctor of the Day (DOD) on a weekly basis as per the Program Director.
- To undertake an academic initiative or research project; which can be completed by the end of their fellowship.
- To complete all required readings and didactic sessions.
- Based on a case-by-case basis, the Fellow may engage in learning with the other advanced radiation modalities including brachytherapy and stereotactic radiation therapy, if time permits and their caseload are not burdensome.