



Fellow – Radiation Oncology

A nationally recognized centre of excellence for cancer care, education and research, Tata Medical Center is one of the few dedicated cancer hospitals in Eastern India. With a leading reputation, patients travel from all across this part of the country and further afield (Bhutan & Bangladesh) in order to receive the specialist treatments and care for which Tata Medical Center is renowned.

The hospital is an integrated Oncology facility with well-trained professional staff and equipped with modern facilities and contemporary medical equipment. The Hospital, with a capacity of 437 beds, serves all sections of the society, with 75% of the infrastructure earmarked for subsidized treatment for the underprivileged sections. It provides a wide spectrum of services from diagnosis and therapy to rehabilitation and palliative support. The Institution's objective is to excel in service, education and research.

This state-of-the-art Hospital has been built on carefully landscaped grounds to emphasize the holistic approach in our crusade against cancer. The buildings were designed by Cannon Design, a renowned architectural firm from North America. Diagnosis and treatment are characterized by a multi-disciplinary approach with Disease Management Teams, wherein experts from different streams participate in decision-making for treatment protocols, using evidence-based medical strategies and appropriate documented clinical guidelines. Tata Medical Center, Kolkata, has strived to be one of the leading cancer care and research institutions in the country and has benefited West Bengal as well as the adjoining states and neighboring countries.

Our patients and their families are our number one priority and we are proud to offer the whole spectrum of cancer care at our hospital: Opportunities to be involved, in pioneering research and trials; Surgery, Radiotherapy and chemotherapy care provided using state of the art technology, taking place in the only radiotherapy department in the region; information and support offered to our patients and their families in the purpose built Cancer Information and Support Centre.

Eligibility Criteria Essential

- MD or DNB in Radiotherapy
- Valid registration with the Medical Council of India or equivalent State Medical Council.

Desirable

- 1 year of clinical experience following post-graduation in an academic setting.
- Evidence of participation in clinical research.
- Publications in related specialty

Fellowship Duration:

Each fellowship is a full-time position for the duration of 2 years.

Remarkable achievements of the Clinical Oncology/Radiation Oncology department at Tata Medical Center are:

- Evidence-based medical care for cancer.
- Well known for cancer-related research over the last five years, including DBT funded research projects.
- Centre for FRCR 1 & 2A courses and exams.
- Centre for the Varian IGRT course in India.
- Clinical oncology – combining systemic therapy and radiation oncology, as in accordance with the best available evidence.
- Combining cutting edge technology (IMRT, VMAT, IGRT) and altered fractionation wherever appropriate, for better outcomes.
- TBI, CSI, Brachytherapy and Paediatric oncology are also practiced to the highest standards.
- SABR centre for primary lung cancer and SABR, SRT or SRS for oligometastases.
- Optimal use of motion management strategies.
- Ongoing Diploma programs for radiographers (DRT)
- Commissioning MSc PhD programs jointly with School of Medical Science and Technology (SMST), IIT Kharapur from academic year 2018-19
- Advanced specialisation certificate in Clinical Oncology is one of our unique training program for post graduate clinical oncology aspirants jointly with SMST

Fellowship Objectives:

The aim of the fellowship training in Radiation Oncology is to enable the trainee to become capable of practice as a consultant in Radiation oncology with comprehensive knowledge in the multidisciplinary management of different malignancies. This fellowship program is designed to impart knowledge and clinical experience in all aspects of the radiation treatment of cancer within a pre-planned and carefully monitored training program. The fellowship is also aimed at providing experience in more than one centre (in India or overseas) to ensure exposure to a balance of various management algorithms used in radiotherapy. Emphasis will be placed on enhancing the research potential of the candidate.

During the fellowship the doctor will gain in depth clinical experience of all types of cancer. This will include both out-patient and in-patient care with out-patient with assessment of both new and review patients. They will be given experience in all aspects of radiotherapy treatment planning and treatment both for inverted planned and forward planned techniques (details given below). The fellow will also learn and gain experience in the clinical care of patients with various cancers including palliative care and counseling.

The Tata Medical Centre is dedicated to provide a super specialty service with consultants keen on site specializing. To enable the highest standards of care site specialization will be an encouraged in the final 6 months of the training. The fellow should gain experience of working within a multi-disciplinary team to develop special interest and expertise in a cancer sub-specialty. The choice of sub-specialty will depend on the fellow's preference and aptitude and on availability. Site specialization will teach the fellow how to develop a specialist interest and to work in a multi-disciplinary team.

Clinical responsibilities:

Fellows will be required to rotate through the practices of the 3 consultant radiation oncologists, every 4 months. During this period they are expected to participate in:

- Assessment of new patients,
- Planning and delivery of treatment under different levels of supervision, as appropriate and agreed between the supervisor and the fellow
- Follow up and assessment of outcome.
- Organize and present cases in multidisciplinary meetings.
- Discuss service development and clinical trials projects
- Record data for the purposes of clinical audit and trials

Academic responsibilities:

The Tata Medical Centre is keen to lead the training and development of undergraduate, postgraduate doctors, nurses and paramedical staff. The fellow is therefore required to develop a keen interest in teaching the junior doctors, nurses and paramedical staff to enable us to provide the best standards of medical education in the region. Seminars and workshops will be actively encouraged by the department and in future a point based CME will be devised to ensure continued professional development.

Active participation in clinical trials, clinical research and audit will be encouraged and publication of innovative and quality literature will be promoted by the department of Radiation Oncology.

Expected Rotations/Work Schema:

Fellows will be expected to work under the clinical supervision of the consultant radiation oncologists in the Department.

Opportunities for career advancement:

The planned and organized fellowship training for 2 years is expected to provide the trainee several advantages in career advancement:

1. Provide comprehensive training in the clinical and technical aspects of modern radiation oncology in an organized and evidence based practice setting.
2. Opportunities for academic learning through regular departmental seminars, journal clubs and teaching series. Attendance in CME, conferences and symposia will be encouraged.
3. One or more research projects for each fellow will provide them an opportunity to gain experience in clinical research and publishing.

Evaluation:

To ensure that the trainee has had adequate exposure to different treatment sites and planning processes the fellow will be required to maintain an up to date "Fellowship Book"; which will contain records of the experience of the fellow in the different treatment site rotations. This record will have to be successfully presented to the supervising consultant at the end of each block of the rotation and the record book has to be signed by the fellow and the supervising consultant. A successful fellowship certificate will be issued to the fellow who successfully achieves the required training experience and documents the completion of the agreed training in the log book. Based on the progress made by the fellow (as documented in the log book), fellows would be referred for "out of centre" training for 2 months to a centre of excellence, either in India or abroad.

In addition, a 360 degree evaluation program will be in place to facilitate assessment of the trainee, trainers and allied health personnel.

***For more details about the job positions, qualifications, eligibility and application forms, please log on to our website today: www.tmckolkata.com**

You may also Email or Post applications to:

Mr. Suvasish Mukherjee, Head-Human Resources, Tata Medical Center, 14 MAR (EW), New Town, Kolkata - 700160. Email - suvashish.mukherjee@tmckolkata.com. For informal queries about the job you may get in touch with Consultants in the Department of Radiation Oncology.