

Tata Medical Center Fellowship Program



Fellowship in Clinical Hematology & BMT

The Tata Group has always believed in returning wealth to the Society it serves. It has established philanthropic trusts which have created National Institutions in Science and Technology, Medical Research, Social Studies and the Performing Arts. Tata Medical Center (TMC), Kolkata, is a philanthropic initiative from the House of Tata. Its mission is to promote prevention of cancer, to provide facilities for early diagnosis, treatment, rehabilitation and palliation to cancer patients, and to do research in cancer. The hospital is a comprehensive Cancer Care Center with well-trained professional staff and equipped with modern facilities and contemporary medical equipment. This Institution has been set up at New Town in the Rajarhat area of Kolkata on 13 acres of land and is managed by a professional management body reporting to the Tata Medical Centre Trust (TMCT). The hospital started operations on 16th May 2011. The Hospital, with a capacity of 183 beds, serves all sections of the society, with 50% of the infrastructure earmarked for subsidized treatment for the underprivileged sections. 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.

The Department:

The clinical hematology department would cater to treat all patients with hematological disorders, with emphasis on hematological malignancies. The clinical department would be adequately supported by laboratory sciences, equipped to reliably perform investigations from the basic ones to the latest molecular tests, which would not serve not only as proper prognostication tools, but also would help us to personalize treatment. A state of the art 9 bedded stem cell transplant unit would be first of its kind in this part of India, to perform autologous and allogenic (matched sibling, unrelated donor and cord blood) transplant for hematological malignancies, bone marrow failure syndromes (inherited and acquired), immunodeficiency states and thalassemia major. The department of hematology would be headed by Dr. Mammen Chandy, former professor and Head of dept of hematology, Christian Medical College, Vellore.

Fellowship Objectives:

- Diagnose and manage all patients with malignant diseases of the haemopoietic and related systems.
- Recognize the nature, assess the significance and manage the haematological complications of non- haemopoietic diseases and their therapy.
- Interpret laboratory data (and whenever possible contribute to their genesis) and synthesize laboratory and clinical data so as to provide rational solutions for patients' haematological problems.
- Select appropriate diagnostic tests to arrive at a correct diagnosis.
- Understand the principles of different tests.
- Be familiar with current blood transfusion practice including collection of blood, separation and storage of blood components and quality control.
- Understand and introduce quality assurance.
- Understand the indications, selection of patients and procedures involved in stem cell transplantation.

Fellowship Duration:

2 years

Eligibility Criteria

Essential: Any one of the following medical qualifications

- DM Clinical Haematology
- DM Medical Oncology
- MD General Medicine
- MD Paediatrics
- MD Pathology

Clinical responsibilities:

The fellow would be responsible for primarily evaluating patients in the OPD as well as in the ward. All day to day evaluation and management of the patient would be the responsibility of the fellow with appropriate guidance from the consultants in the department. The approach to the patient should be scientific and compassionate.

Academic responsibilities:

With appropriate guidance and under supervision, the postgraduate student will be responsible primarily for the acquisition of knowledge in areas of malignant hematology, bone marrow failure syndromes and Transfusion Medicine. Such knowledge will be acquired and demonstrated through Seminars, Case Presentations, and Journal Clubs, proper use of the library for "Suggested Reading" and formal reviews of selected major topics. Faculty staff would be present at these various exercises so as to provide the appropriate input. When necessary, Faculty staff may be required to review certain subjects in the form of formal lectures; however lectures will not play a dominant role in the theoretical component of the training programme. Clinical experience will be acquired by the trainee by day to day management of all patients admitted to the haematology service. Faculty will be involved in teaching of trainees in the ward- rounds and outpatient clinics.

Expected Rotations/Work Schema:

- Clinical hematology: OPD + General+ Private wards – 14 months
- Bone marrow transplant unit – 2 months
- Hematopathology – 2 months
- Molecular pathology – 1 month
- Blood Bank – 1 month
- Biochemistry – 1 week
- Microbiology and virology- 1 month
- General Pathology – 1 week
- Nuclear Medicine – 1 week
- Radiotherapy - 1 week
- Peripheral posting – 2 months

Opportunities for career advancement:

The aim of the fellowship training in Clinical Haematology is to ensure that the trainee at the end of his training possess the necessary clinical and laboratory skills to be able to manage patients with primary haematological malignancies and interact as a consultant for haematology problems from other specialties and be competent in laboratory haematology and transfusion medicine.

Evaluation:

- Exit theory evaluation – Basic science
- Laboratory science
- Clinical Hematology

- Practical – Laboratory- one day
- Clinical hematology- case study- one day

***For more details 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 – 700156.

Email – suvashish.mukherjee@tmckolkata.com