

Fellowship Programme in Transfusion Medicine at Tata Medical Center

Conceptualized in the year 2004 as a philanthropic initiative for the Eastern and North-Eastern parts of India and the neighboring countries, the Tata Medical Center (TMC) started operations in Kolkata on May 16, 2011. The hospital is governed by a charitable trust – Tata Medical Centre Trust. It is an integrated Oncology facility with well-trained professional staff and equipped with modern facilities and the most contemporary medical equipment. The hospital was designed by Cannon Design, a renowned architectural firm from North America. It is located on 13 acres of land at New Town in Kolkata, West Bengal.

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.

The Tata Medical Center Blood bank is a licensed blood bank and is one of the few NABH accredited blood banks in the country. The Blood Bank is committed to high standards in transfusion practice and provides quality blood components at an affordable cost. Whole blood and aphaeresis units are collected from regular voluntary non-remunerated blood donors and replacement blood donors from low-risk populations. Rational use of blood components is practiced. Continuous improvement of all aspects of the transfusion chain is undertaken by internal audits, external quality assurance programs, periodic reviews and trainings. Many cancer patients during their course of treatment are transfusion dependent and also require modified blood products. The special needs of such patients are addressed by using sophisticated techniques (like blood irradiation and leuco-depletion) and other modern equipment. The department has a Blood irradiator which modifies the blood products to minimize adverse transfusion effects and makes it suitable for transfusion of immuno-compromised cancer patients. On the academic front, the department has organised CMEs, workshops and also jointly organised National conferences. The faculty and fellows have made presentations in national and international meetings and have several scientific publications to their credit.

To fulfill the above objectives TMC invites applications for Fellowship in Transfusion Medicine

Duration: Two years

Eligibility criteria:

M.D. Transfusion Medicine / M.D Pathology / DNB Transfusion Medicine

Responsibilities:

These include laboratory, clinical and management responsibilities as detailed below. In addition, call duties for emergencies, holidays and weekends will have to be performed.

1. Laboratory:

This would involve rotation in the various departmental areas – Donor recruitment, blood collection, component preparation, TTI testing, immunohematology and apheresis. Supervision of the various processes, tests performed and their reporting.

2. Clinical:

The post holder would be expected to interact with clinical colleagues regarding suspected transfusion reactions and safe transfusion practices, and respond to telephonic queries on these issues. Work-up and laboratory evaluation of incompatible crossmatch, hemo-oncology patients, BMT patients and patients with suspected transfusion reactions.

3. Management responsibilities:

The post holder would be expected write / help other laboratory staff to write standard operating procedures, drafting policy documents, carrying out external Quality control and timely audit. Participation in equipment calibration, maintenance, and quality control activities is also expected.

Academic responsibilities:

1. Journal Clubs and Seminars: The post holder would be expected to attend / present seminars and findings from recent scientific publications, in departmental and allied speciality meetings.

2. Audit and Research: The post holder would be expected to be involved in laboratory work, present papers in scientific conferences, and write articles for publication in indexed journals.

3. Teaching: The post holder would be expected to teach clinical, laboratory, and nursing staff, as and when required.

Expected rotations / work schema

First year:

After completing initial 6 months in department of Transfusion Medicine; the Fellow will rotate as:

Laboratory Haematology - 1 month

Microbiology - 1 month

HLA laboratory - 2 months

BMT- PBSC collection - 2 months

Second year:

Transfusion Medicine - 6 months

Clinical Haematology - 1 month

BMT - 3 months

Other centres in India (optional) - 2 months

The time periods and their sequences are flexible, and subject to change depending on clinical and laboratory needs.

Evaluation:

Evaluation and assessment would be workplace based assessment.

The post holder is expected

You may 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 the individual consultants in the various specialties, the details are there on our website.