

Critical Care Technologist

Conceptualized in the year 2004 as a philanthropic initiative for the Eastern and North-Eastern parts of India and the neighbouring 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.

In order to fulfill the above objectives, Tata Medical Center, Kolkata is seeking for a Critical Care Unit.

Minimum Qualification:

Diploma in Critical Care Technology from State Medical Faculty of West Bengal or equivalent from a recognized university.

Experience:

A minimum of 1 year of experience in the relevant specialty will be an added advantage. Fresher may also apply.

Brief Job Description:

- Attending all critical care patients on a daily basis who are on organ support devices and checking for smooth functioning of devices/life supports. Ensuring correct placement of all critical care equipment's in a traceable manner and document that properly. Assisting the nursing staffs & doctors while using all critical care devices.
- To address any acute issues related to ICU devices
- To report such malfunctions to the duty doctors, nursing in charge and Critical Care consultants.
- Inspecting & checking of all biomedical equipments present in critical care units on a regular basis (daily and after every usage)- e.g. function of monitors and electrodes of ECG leads
- Ensuring that the Patient Ventilators are calibrated & ready to be used on the patients.
- Maintaining proper working of the durable accessories like, ECG, SPO2, NIPB, IBP, Temperature, ETCO2 as well as the strip recording system.
- Conducting self-system check of all the defibrillators on a daily basis.
- Checking battery level of the defibrillator, monitors, ventilators, Pumps, Pulse Oximetry etc & always charged through a main supply when not in use.
- Checking the illumination of LED, Bulbs in the laryngoscopes & checking the battery as well.

- Connecting Cardiac Output Machine & follow up.
- Checking & Ready the HFNC machine & BiPAP and to connect with Patients.
- Maintaining USG / echo machine in ICU and coordinating with ICU consultants, biomedical unit and company representatives.
- In case of any emergency, prompt arrangement of all the essential medical devices as required
- Ensure Cleansing & Disinfecting of all biomedical equipments on a regular basis
- Transportation of all patients from Critical Care Unit to Operation theatre or elsewhere in the hospital (i.e., radiology, endoscopy) along with doctors and back to the Critical Care Unit
- Maintain an incident report regarding the malfunctioning of different biomedical equipments present in Critical Care Unit and report the same to Critical Care consultants.
- To inform the biomedical department about the malfunctioning equipments and submit the same to the department for repair and mandatory follow up
- Maintain the log book of daily check list of medical equipments located in different areas of Critical Care Unit
- Should be familiar with routine procedures done in CCU and conversant in handling equipments used in Critical Care set up
- Proper Handling & maintenance of equipments (both sterile & non-sterile) before giving and after taking from CSSD Department; Sterilization of reusable instruments / disposable components (e.g. patient's circuits of ventilators, fiberoptic bronchoscope, bougie etc)
- To ensure continuous & regular availability of consumable items related to biomedical equipments (e.g. paper packs are sufficiently present in the ECG machine, ABG analyser, Defibrillators)
- Manage preliminary troubleshooting of medical equipments in emergency situations
- Required to attend all patients elsewhere in hospital in case of emergency as and when required (i.e., ER department, Wards)
- In case of road evacuation-will have to accompany with the team while transferring critically ill patients from other hospital

***For more details and application forms, please log on to our website today: www.tmckolkata.com. You may also Email or Post applications by 23rd August 2025:**

Mr. Suvasish Mukherjee, Head-Human Resources, Tata Medical Center, 14 MAR (EW), New Town, Kolkata – 700156. **Email** – suvashish.mukherjee@tmckolkata.com