

Cardiac Care Technology

Objectives: Cardiac Care Technology student should

- a) Assist in Patient care and prepare the patient for ECG , TMT Holter Monitoring, Ambulatory BP Monitoring, various types of Echocardiography and Cath Procedures
- b) Perform Cardio Pulmonary Resuscitation : Basic and advanced Cardiac Life Support
- c) Handle the biomedical equipment's and software technology in Cath Lab
- d) Understand Radiation safety and hazards

Outcome: After completing three years of Cardiac Care Technology Course the graduate should be able to

- a) Work as efficient Cardiac Care technologist by assisting cardiologist and Cardio thoracic and vascular surgeon.
- b) Work and contribute in NABH accreditation program

Internship Training

Cardiac Care Technology interns should be able to perform the following:

1. Preparation of the patient and recording of ECG , TMT Holter Monitoring, Ambulatory BP Monitoring, various types of Echocardiography and Cath Procedures
2. Patient care: case sheet review, review of diagnosis and drug chart, post procedure care, pre discharge care and review of sick patient procedures
3. Cardio Pulmonary Resuscitation : Basic and advanced Cardiac Life Support
4. Diagnosing Ischaemic Heart disease and Acute Myocardial infarction by Coronary Angiogram and ECG and its management
5. Handling the biomedical equipment's and software technology in Cath Lab
6. Temporary and permanent Pacemakers-assist in implantation and programming
7. Assist in Electrophysiology,Radiofrequency ablation, Intra Vascular Ultrasound, Fractional Flow Reserve, Hybrid Cath lab, Rota-ablation, Optical Coherence Tomography,Thrombus aspiration technology, Intravenous venous catheter filter and Retrieval technology, Bronchial arterial embolization and Cardiac resynchronization therapy.
8. Radiation safety and hazards

