

(104-MED-11-01) ECG Technician

1. Significance of Program

The ECG Technician is responsible for educating patients on all testing procedures, properly positioning patients, electrode application, judging the quality of ECG tracings, attaching various arrhythmia monitor devices, and facilitating stress testing under the supervision of a Cardiologist, APP, or Clinical Exercise

2. Career Options

- Hospitals.
- Nursing homes.
- Laboratories.
- Cardiologists' offices.
- Heart Clinics and Hospitals.
- Government heart awareness camps and health missions.
- Diagnostic labs.
- Corporate companies working in the field of heart research

3. Program Objectives

Objective? Whys should we use learning objectives? Learning objectives should be brief, clear, specific statements of what learners will be able to do at the end of a lesson as a result of the activities, teaching and learning that has taken place. They are sometimes called learning outcomes.

4. Outcomes of the Program

- Understand normal cardiac physiology, anatomy, and blood flow.
- Calculate and find out heart rate.
- Understand heart's conduction principles.
- Identify abnormal heart rhythms and ECG components for assessment.
- Identify abnormal measure intervals, waveforms, segments, etc.

5. Major Course Outline

The diploma involves the study of the anatomy and physiology of heart and thorax. The electrocardiogram interpretation and all data access techniques also taught in the theory duration. Students also learn about the methods of electrode positioning and patient