

Alberta's Health Regions and Voluntary Organizations and the Health Sciences Association of Alberta (HSAA)

This classification specification identifies representative duties and responsibilities, and is intended to assist in the determination of the appropriate classification level within each discipline. Some duties and responsibilities may overlap between class levels. The classification specification is not intended to provide an exhaustive list of all duties performed.

Classification Title: **Cardiology Technologist I**

Date Updated: **May 20, 2008**

Job Summary:

The Cardiology Technologist I is a technical position involving non-invasive cardiac testing procedures to investigate cardiac abnormalities and level of function. Responsible for the performance of cardiac tests, understanding and recognizing the pathophysiological mechanisms involved in the formation and reoccurrence of complex arrhythmias.

Key Responsibilities and Typical Duties:

Core Duties

- Collects patient history as required for procedures and documents information for physicians.
- Prepares patient, explains procedures and educates patients on equipment function as required.
- Operates various recorders and observes the patient while undergoing the testing process and notifies attending medical professional if patients condition changes.
- Performs recordings using appropriate analyzers, monitors and scanners.
- Analyses, and summarizes test results and generates reports for physician interpretation.
- Provides expertise in the set up, calibration, maintenance and troubleshooting of equipment.
- Required to implement resuscitation measures when necessary.
- Performs Holter monitors as required and takes appropriate action to inform patient and medical professionals of abnormal or urgent results.
- May perform functions such as ES (Exercise Tolerance Testing), and AS (Ambulatory Monitoring) as required.

Leadership

- Participates in the development and implementation of policies, quality control programs, departmental procedures and work standards.
- Precepts, orients new staff and students and provides input into the evaluation of cardiology trainees and/or students.

Leadership (con't)

- Serves as a clinical resource by providing information regarding cardiology technology to staff and patients

Decision-Making

- Follows defined protocols and applies expertise to obtain quality tracings.
- Recognizes abnormal results and refers to the attention of the appropriate(s).
- Prioritizes multiple STAT requests.

Knowledge:

Education

- Certificate from an accredited school of Cardiology Technology.

Additional Qualification/ Designations/ Certifications

- Requires Basic Cardiac Life Support (BCLS) Certificate.

Registration Requirements

- Registered status with the Canadian Society of Cardiology Technologists (CSCT).
- Registered member with the Alberta Society of Registered Cardiology Technologist (ASRCT).

Working Conditions:

Physical Demands

- Extensive walking and standing for prolonged periods of time.
- Pushes various pieces of equipment/cart.
- Assists with patient transfers, which may include to and from air and ground ambulances.

Work Environment

- Works in hospital units, labs and preadmission clinics.
- Extensive computer work and scanning.
- Exposure to biohazardous material.