



Provincial Job Description

TITLE:

**(350) Diagnostic Cardiac Sonographer &
Cardiology Technologist**

PAY BAND:

19

FOR FACILITY USE:

SUMMARY OF DUTIES:

Performs a variety of tests in order to obtain images/results to assist with the detection and diagnosis of conditions and diseases of the cardiovascular system and electrophysiological and mechanical function of the heart.

QUALIFICATIONS:

- ◆ Diagnostic Medical Sonographer diploma
- ◆ Cardiology Technology diploma
 - ◆ Certified by Sonography Canada as a Canadian Registered Cardiac Sonographer (CRCS)
 - ◆ Certified by Canadian Society of Cardiology Technologists
 - ◆ Registered with Saskatchewan Cardiology Technologists Association
 - ◆ Registered with the College of Medical Radiation and Imaging Professionals of Saskatchewan *

KNOWLEDGE, SKILLS & ABILITIES:

- ◆ Basic computer skills
- ◆ Interpersonal skills
- ◆ Organizational skills
- ◆ Communication skills
- ◆ Analytical skills
- ◆ Ability to work independently

EXPERIENCE:

- ◆ **Previous:** No previous experience.

KEY ACTIVITIES:

A. Patient Imaging – Cardiac Sonography

- ◆ Prepares and assesses patient (e.g., identification, consent, medical history, medications, instructions for procedure).
- ◆ Assists/transport and positions patient.
- ◆ Assists with and maintains sterile environment.
- ◆ Sets machine parameters with constant adjustments during exams.
- ◆ Expands test areas to capture full extent of conditions/abnormalities.
- ◆ Provides measurements of cardiac function.
- ◆ Monitors patient's condition during the procedure.
- ◆ Recognizes significance of all structures visualized on the monitor at all times to differentiate artifacts from normal and pathological processes.
- ◆ Records and stores images on required hard copy.
- ◆ Utilizing a hand held transducer, ensures an optimal series of diagnostic views are obtained for the physician/radiologist to view and interpret.
- ◆ Prepares an initial interpretation prior to consulting with the physician/cardiologist.
- ◆ Prepares, organizes, processes and reports test results.
- ◆ Assists physician/cardiologist with sedation administration and monitoring.
- ◆ Performs portable examinations within the hospital.

B. Diagnostic Procedures – Cardiology

- ◆ Prepares and assesses patient (e.g., identification, consent, medical history, instruction of procedure).
- ◆ Performs a variety of diagnostic procedures (e.g., ambulatory monitoring, electrocardiograms (ECG) and pacemaker analysis/reprogramming).
- ◆ Monitors patient during and following procedures (e.g., stress testing).
- ◆ Analyzes test results; identifying abnormal/unexpected values and alerts physician as appropriate.
- ◆ Prepares, organizes, processes and reports test results.

C. Quality Assurance/Quality Control

- ◆ Participates in Quality Assurance/Quality Control programs as required by local protocols and government regulations.
- ◆ Assists in the development of quality control procedures.
- ◆ Performs and records quality control checks on all equipment.

D. Related Key Work Activities

- ◆ Participates in research projects as per designated protocol and criteria.
- ◆ Retrieves, files, reports and distributes results.
- ◆ Provides occasional guidance to the primary function of others, including training.
- ◆ Performs computer work (e.g., data entry, back up).
- ◆ Provides reception/clerical duties (e.g., telephone, faxing, photocopying, booking appointments).
- ◆ Maintains inventory and orders supplies.
- ◆ Cleans, maintains and troubleshoots equipment according to established standards.
- ◆ Disposes of records and biohazardous waste, as per department procedures and policies.

The above statements reflect the general details considered necessary to describe the principal functions of the job and shall not be construed as a detailed description of all related work assignments that may be inherent to the job.

Validating Signatures:

CUPE:

SEIU:

SGEU:

SAHO:

Date: November 16, 2021

**Updated September 24, 2024*