



Provincial Job Description

TITLE: (306) Nuclear Medicine Technologist & Instructor
PAY BAND: 19

FOR FACILITY USE:

SUMMARY OF DUTIES:

Responsible for coordination and instruction of students. Performs technical procedures utilizing radiation and/or radioactive materials for the diagnosis and tracking of disease and pathology.

QUALIFICATIONS:

- ◆ Nuclear Medicine Technology diploma
 - ◆ Certified and registered by Canadian Association of Medical Radiation Technologists
 - ◆ Licensed and registered with College of Medical Radiation and Imaging Professionals of Saskatchewan

KNOWLEDGE, SKILLS & ABILITIES:

- ◆ Intermediate computer skills
- ◆ Interpersonal skills
- ◆ Organizational skills
- ◆ Communications skills
- ◆ Leadership skills
- ◆ Analytical skills
- ◆ Ability to work independently
- ◆ Ability to teach adults
- ◆ Driver's license, where required by the job

EXPERIENCE:

- ◆ **Previous: Thirty-six (36) months previous experience as a Nuclear Medicine Technologist to consolidate knowledge and skills.**

KEY ACTIVITIES:

A. Education/Instruction

- ◆ **Organizes and participates in the annual selection of Saskatchewan students for the Nuclear Medicine Technologist program in association with SAIT.**
- ◆ **Corresponds with and advises successful and unsuccessful applicants.**
- ◆ **Promotes and has input into the vision and strategic plan for the training program.**
- ◆ **Schedules education activities.**
- ◆ **Assures accuracy and completeness of the Nuclear Medicine Technologist program.**
- ◆ **Participates on the Nuclear Medicine Advisory Committee.**
- ◆ **Responsible for student instruction, examinations, evaluations and maintenance of records during practicum.**
- ◆ **Regularly assesses and informs the students regarding their progress.**
- ◆ **Acts as a liaison between staff (preceptors) and students.**
- ◆ **Promotes ongoing education within the Nuclear Medicine department and other clinical areas.**
- ◆ **Recognizes individual student concerns or personal difficulties and offers appropriate assistance or referrals.**
- ◆ **Assists students with the CAMRT certification process at the completion of their training.**

B. Diagnostic and Therapeutic Procedures

- ◆ **Assists/transport, assesses, screens, prepares, instructs and positions patient.**
- ◆ **Monitors patients during procedures.**
- ◆ **Starts/administers various media/radiopharmaceuticals/medications.**
- ◆ **Performs diagnostic, therapeutic, and interventional procedures (e.g., bone densitometry).**
- ◆ **Adjusts technical data to ensure complete series of quality diagnostic views are obtained for physician to view and interpret.**
- ◆ **Performs various laboratory procedures (e.g., collecting, pipetting, labeling, separation and tagging).**
- ◆ **Provides occasional guidance to the primary function of others, including training.**
- ◆ **Assists physicians during interventional and sterile procedures.**
- ◆ **Participates in research projects.**

C. Quality Assurance/Quality Control

- ◆ **Participates in Quality Assurance/Quality Control programs as required by local protocols and government regulations.**
- ◆ **Follows preventative maintenance programs and maintains instrument logs.**
- ◆ **Performs and records quality control checks on all equipment.**
- ◆ **Records radiopharmaceutical information for the Canadian Nuclear Safety Commission.**
- ◆ **Follows radiation safety protocols in accordance with the Medical Radiation Health and Safety Act.**
- ◆ **Troubleshoots instrumentation errors.**

D. Administration

- ◆ **Provides input to the development and maintenance of policies and procedures.**
- ◆ **Assists in the research and development of new methodologies.**
- ◆ **Assists in ongoing staff development and training (e.g., in-services).**
- ◆ **Assists with information and data sharing with research affiliates.**

E. Related Key Work Activities

- ◆ **Retrieves, files and distributes requisitions, images and reports.**
- ◆ **Maintains daily log of patients and examinations.**
- ◆ **Disposes of records and films.**
- ◆ **Maintains and develops department computer systems.**
- ◆ **Performs computer work (e.g., data entry, back up).**
- ◆ **Responds to telephone calls and inquiries from physician/patients and other staff members.**
- ◆ **Prepares statistical reports.**
- ◆ **Maintains inventory.**
- ◆ **Cleans, maintains, troubleshoots and calibrates diagnostic equipment according to established standards.**
- ◆ **Prepares and maintains chemical mixtures.**
- ◆ **Disposes of radioactive and biohazardous waste, as per departmental 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: June 12, 2019