

## **Alberta Health Services (AHS) and the Health Sciences Association of Alberta (HSA)**

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: **Nuclear Medicine Technologist II** (*formerly Nuclear Medicine Technologist III*)

### **Job Summary:**

The Nuclear Medicine Technologist (NMT) II is the technologist responsible for performing the duties of clinical coordination, monitoring care, evaluation and staff supervision or is the radiation and laser safety officer.

Work at the NMT II level is differentiated from work at the NMT I level by the level of direct supervisory responsibilities or by the performance of specialized duties related to radiation and laser safety.

### **Key Responsibilities and Typical Duties:**

In addition to the duties of the NMT I, the NMT II:

#### **Core Duties**

- Supervises the operations of a nuclear medicine department.
- Evaluates nuclear medicine equipment, and/or radiation monitoring systems.
- Assists with calibration of equipment, cameras and computer technology.

**or**

- Performs specialized duties of a radiation and laser safety officer.
- Monitors and reports patient and staff radiation exposure levels for the department and/or site.
- Supervises decontamination procedures, if required.
- May prepare, review and revise radiation safety manual.

#### **Other Related Duties**

- Manages and maintains inventory of equipment and service contracts.
- Maintains inventory and appropriate records of radioactive and non-radioactive radiopharmacy supplies.
- Responds to facility maintenance and equipment issues, as appropriate.

#### **Leadership**

- Provides direct supervision to staff and students including technical direction and functional guidance to staff and other healthcare providers.
- Participates in the recruitment, selection, orientation, training, evaluation and initial stages of discipline of staff.

- Approves shift schedules, work hours, call rotations, leave and vacation scheduling.
- Participates in the development of annual supply, capital requirements and staffing budget as required.

### **Decision-Making**

For specialized technical roles:

- Ensures and monitors compliance with Radiation Safety/Protection Standards.

For on-site leadership roles:

- Resolves unusual or complex cases or refers concerns to the appropriate level of management.
- Provides expertise to the operations of the nuclear medicine department as well as program design and accountability.
- Recommends and modifies work practices to increase efficiency; creates new procedures as required.
- Assists with implementation and evaluation of new procedures and equipment.

### **Knowledge:**

#### **Education**

- Diploma from an accredited Nuclear Medicine Technology (NMT) Program.

#### **Additional Qualifications/Designations/Certification**

- Transportation of Dangerous Goods Certification.

#### **Registration Requirements**

- Registered with the Alberta College of Medical Diagnostic & Therapeutic Technologists (ACMDTT).

### **Working Conditions:**

#### **Physical Demands**

- Considerable time is spent standing, walking and in close supportive contact with patients.
- Required to lift/transfer acute patients from stretcher.
- Required to push heavy scanning beds.
- Bends, reaches, lifts, and carries equipment/objects for short distances.

#### **Work Environment**

- Spends majority of time in diagnostic examination area.
- Work is subject to danger of radiation exposure, exposure to radioactive and bio-hazardous materials, and needles/ticks.