

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

This classification specification identifies representative responsibilities and duties, 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: **Medical Radiation Technologist I**

Date Updated: **May 20, 2008**

Job Summary:

The Medical Radiation Technologist (MRT) I performs a variety of standard technical radiological imaging examinations on patients for the purpose of disease and pathology diagnosis.

Key Responsibilities and Typical Duties:

Core Duties

- Interprets and/or modifies physician requisitions, including determination of additional exams if required.
- Prepares and assesses patient for examination including patient identification, consent, patient history, requisition, procedure explanation, proper positioning of patient to the equipment.
- Produces quality diagnostic images for Physician/Radiologist review.
- Discusses images for adequate quality with MRT II or III, Radiologist and Physician, or other health care providers where required.
- Performs and records a variety of standard diagnostic procedures such as general and portable radiography, mobile and surgical suite examinations, and fluoroscopy where required.

Other Related Duties

- Retrieves, files, and distributes requisitions, images (CDs/films) and reports.
- Cleans, maintains, trouble-shoots equipment according to established standards.
- Disposes records, images (CDs/films) and bio-hazardous waste in accordance with department procedures and policies.
- Maintains safety and radiation standards for department.

Leadership

- Assists with student training at a facility as required.
- Assists with orientation of new staff as required.
- Provides collegial guidance to other MRT I's.

Decision-Making

- Makes day-to-day technical decisions in the operations of radiographic equipment including setting, adjusting, correcting problems as well as patient preparation and positioning.
- Refers abnormal findings, patient complaints and equipment issues to MRT II or III, or appropriate individual(s).

Knowledge:

Education

- Diploma from an accredited Medical Radiation Technologist (MRT) Program.

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 hold for positioning, lift, pull and/or push patients that require assistance to ambulate.
- Bends, reaches, lifts and carries equipment for short distances.

Work Environment

- Work is subject to danger of radiation exposure and exposure to bio-hazardous materials.
- May be subject to unpleasant tasks, sights and odors, and difficult or aggressive patients.
- Spends majority of time in diagnostic examination area.