

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: **Combined Laboratory and X-Ray Technologist I**

Date Updated: **May 20, 2008**

Job Summary:

The Combined Laboratory and X-Ray Technologist (CLXT) I is the working level position which performs laboratory and radiographic examinations independently and often on a solitary basis in rural sites. Uses a variety of equipment, instrumentation and procedures including daily processing, testing, resulting and reporting of diagnostic samples for their assigned area. This position requires the CLXT to regularly perform both laboratory and x-ray examinations concurrently.

Key Responsibilities and Typical Duties:

Core Duties

- Correctly prepares patients for Diagnostic Imaging and/or lab examination, explains procedures and checks consultation form for pertinent data.
- Labels specimens and x-rays accurately.
- Produces quality x-ray diagnostic images for Physician/Radiologist review.
- Critiques images for adequate quality/technical sufficiency seeking guidance as needed.
- Performs electrocardiograms.
- Performs venipuncture and micropuncture.
- Analyzes biological specimens and validates results.
- Collects packages and arranges for transportation of specimens.
- Adjusts, operates, cleans and maintains laboratory, radiology and electroencephalograph (ECG) equipment.
- Performs a wide variety of computer functions including data and result entry and verification.
- Provides testing and result information to a variety of health care providers internally and externally.
- Performs quality control procedures as required.

Other Related Duties

- Assists with the care and maintenance of physical facilities, equipment, accessories and supplies.
- Performs and records routine and preventative maintenance of equipment and troubleshooting equipment problems as required.
- Assists in booking laboratory, ECG and diagnostic imaging procedures.
- Maintains safety and radiation standards for department.

Leadership

- Participates in new staff training and orientation as required.
- Participates in orientation, clinical instruction and evaluation of students as required.
- Acts as a preceptor for students as required.

Decision-Making

- Recognizes unusual or abnormal test results or findings regarding patients, documents and brings them to the attention of the CLXT II or the appropriate individual.
- Prioritizes multiple requisitions and independently determines the order of tasks in both the laboratory and x-ray to obtain results simultaneously.

Knowledge:

Education

- Diploma from a recognized program in Combined Laboratory and X-Ray Technology (CLXT).

Registration Requirements

- Registered with the Alberta College of Combined Lab and X-Ray Technologists (ACCLXT).

Working Conditions:

Physical Demands

- High degree of prolonged visual attention/concentration.
- Regularly performs repetitive movements.
- Considerable time is spent standing, walking, bending, lifting and in close supportive contact with patients.
- Required to hold for positioning, lift, pull and/or push patients that require assistance to ambulate.
- Lifts and carries equipment for short distances.

Work Environment

- Exposure to needle sticks, infectious microbes, a variety of biological hazards, chemical hazards, toxic fumes and concentrated acids.
- Work is subject to danger of radiation exposure.
- May be subject to unpleasant tasks, sights and odors and difficult or aggressive patients.
- Exposure to heat, cold and noise.
- Requires personal protective equipment and/or clothing.