

**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: **Registered Orthopaedic Technologist**

Date Updated: **May 20, 2008**

Job Summary:

The Registered Orthopaedic Technologist performs technical work involving the application, molding and removal of casts and the application of splints. In addition this position provides health promotion and injury prevention education to patients.

Key Responsibilities and Typical Duties:

Core Duties

- Performs technical procedures which include casting, splinting, wound care and removal of sutures, staples, pins, and dressings.
- Modifies casts and splints for special conditions.
- Repairs, reinforces or removes casts/splints.
- Prepares fracture site for cast/splint application.
- Documents all work performed in the patient's medical record.
- Assists physician with procedures.
- Instructs patients/family on care of appliances and skin care.

Other Related Duties

- Participates in the evaluation of new orthopaedic equipment and/or supplies.

Leadership

- Conducts in-service training for health care providers.
- Provides technical expertise and functional/collegial guidance to staff physicians, medical students and other health care providers.
- Acts as a preceptor to Orthopaedic Technology students.

Decision-Making

- Makes decisions on treatment procedures and adapts them to suit individual patients or special conditions.

Knowledge:

Education

- Certificate from a Registered Orthopaedic Technologist training program recognized by the College of Licensed Practical Nurses of Alberta (CLPNA) **plus** Nursing Diploma.

Registration Requirements

- Registered with the College of Licensed Practical Nurses of Alberta (CLPNA).

Working Conditions:

Physical Demands

- Periods of prolonged standing.
- Lifts and transfers patients.

Work Environment

- Works in the cast room.
- Exposure to plaster dust, heat and noise.