



# Provincial Job Description

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**TITLE:**  
**(176) Orthopaedic Technologist**

**PAY BAND:**  
**16**

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**FOR FACILITY USE:**

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## **SUMMARY OF DUTIES:**

Provides pre-operative and post-operative care to patients with orthopaedic injuries/conditions through the application, adjustment and removal of a variety of immobilization devices.

## **QUALIFICATIONS:**

- ◆ Allied Health diploma
  - ◆ Certification and Registration with the Canadian Society of Orthopaedic Technologists (CSOT)

## **KNOWLEDGE, SKILLS & ABILITIES:**

- ◆ Basic computer skills
- ◆ Interpersonal skills
- ◆ Organizational skills
- ◆ Communication skills
- ◆ Ability to work independently

## **EXPERIENCE:**

- ◆ Previous: No previous experience.

## ***KEY ACTIVITIES:***

### **A. Orthopaedic Services**

- ◆ **Prioritizes daily workload.**
- ◆ **Applies/adjusts/removes various immobilization devices (e.g., casts, halos, external fixation devices, splints, braces).**
- ◆ **Assists in the application, removal, maintenance and adjustment of traction.**
- ◆ **Measures and fits patients for orthopaedic devices and ambulatory aids.**
- ◆ **Fabricates and applies splints, slings and bandages.**
- ◆ **Applies specialized castings.**

### **B. Patient Care / Communication**

- ◆ **Applies critical thinking and clinical judgement in health assessments and throughout nursing process (e.g., wounds prior to casting).**
- ◆ **Instructs patient/family regarding care and proper use of applications and orthopaedic soft goods.**
- ◆ **Reinforces the teaching of the medical information given by the specialist regarding specific injury, treatment plan and anticipated results.**
- ◆ **Provides on-the-job instructions and demonstrations of basic principles and casting techniques to trainees or other health care professionals (e.g., casting, halo/other external fixation devices, insensitive foot care).**
- ◆ **Documents relevant patient conditions and treatment provided.**
- ◆ **Applies and removes dressings.**
- ◆ **Removes sutures, staples, K-wires and pins.**
- ◆ **Applies different orthopaedic soft goods on patients.**
- ◆ **Assists in the application, removal, maintenance and adjustment of traction in the fracture clinic, Operating Room and wards.**
- ◆ **Prepares the room, supplies and instrumentation/equipment for the specific operative procedure.**

### **C. Related Key Work Activities**

- ◆ **Maintains orthopaedic equipment/supplies and any required documentation.**
- ◆ **Manages orthopaedic soft goods and supplies in the fracture clinic.**
- ◆ **Maintains stock for the traction and halo carts in the Operating Room.**
- ◆ **Stocks and supply cast room carts (including orthopaedic supplies, linen and medical supplies).**
- ◆ **Identifies and introduces new orthopaedic applications.**
- ◆ **Provides occasional guidance to the primary function of others, including training.**

*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:**

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**SGEU:**

**SAHO:**

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**Revision Date: September 13, 2023**