



# *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 care to patients with orthopaedic injuries/conditions through the application, adjustment and removal of a variety of immobilization devices.

***QUALIFICATIONS:***

- ◆ **Orthopaedic Technologist certificate**
  - ◆ **Certification and Registration with the Canadian Society of Orthopaedic Technologists (CSOT)**

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

- ◆ **Basic computer skills**
- ◆ **Interpersonal, organizational and 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.**
- ◆ **Cleans, debrides and cultures wounds, as directed.**
- ◆ **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, instrumentation/equipment and medications 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: July 12, 2011***