



Provincial Job Description

TITLE:
(499) Electroneurophysiology Technologist
– Triple Certification

PAY BAND:
18

FOR FACILITY USE:

SUMMARY OF DUTIES:

Responsible for technical procedures utilizing electroneurophysiology equipment for diagnosis and tracking of disease and pathology.

QUALIFICATIONS:

- ◆ **Electroneurophysiology diploma**
 - ◆ **Certification with the Canadian Board of Registration of Electroencephalograph Technologists (CBRET) (electroencephalography [EEG])**
 - ◆ **Certification with the Board of Registration of Electromyography Technologists of Canada (BRET) (electromyography/nerve conduction studies [EMG])**
 - ◆ **Certification with the American Board of Registration of Electrodiagnostic Technologists (ABRET) (IOM)**

KNOWLEDGE, SKILLS & ABILITIES:

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

EXPERIENCE:

- ◆ **Previous:** No previous experience.

KEY ACTIVITIES:

A. Diagnostic Procedures

- ◆ Prepares and assesses patient (e.g., identification, consent, medical history, instruction of procedure).
- ◆ Performs a variety of diagnostic procedures which may include electroencephalography (EEG), electromyography/nerve conduction studies (EMG), evoked potential testing (EP), intra-operative monitoring (IOM), long-term telemetry monitoring, electroretinography (ERG).
- ◆ Monitors patient's condition during the procedure.
- ◆ Sets machine parameters with constant adjustments during exams.
- ◆ Recognizes significance of all images and waveforms on monitors at all times to identify artifacts from normal and abnormal responses and pathological processes.
- ◆ Records documents and stores patient waveforms and images.
- ◆ Ensures recording of Electrodiagnostic patient testing is adjusted to obtain optimal viewing for proper interpretation.
- ◆ Provides interpretation and preliminary report for Electrodiagnostic patient testing for physician specialists to view and report.
- ◆ Discusses sedation administration and monitoring.
- ◆ Assists surgeon with labelling of surgically implanted electrodes.
- ◆ Performs portable examination within all hospitals.

B. Preparation of Test Results

- ◆ Prepares, organizes, processes, edits, scores and reports test results.
- ◆ Ensures test results have been interpreted in proper time frame.
- ◆ Ensures abnormal or unexpected test results are reported to the physician.
- ◆ Provides clinical and technical expertise to a variety of medical/surgical specialists and basic researchers.

C. Quality Assurance / Quality Control

- ◆ Ensures, maintains and monitors compliance with Quality Assurance/Quality Control programs as required by local protocols and government regulations.
- ◆ Ensures quality test results according to national standards.
- ◆ Performs and records quality control checks on all equipment.

D. Related Key Work Activities

- ◆ Participates in research projects as per designated protocol and criteria.
- ◆ Retrieves, files, reports and distributes results.
- ◆ Assesses new products, maintains inventory and orders supplies.
- ◆ Prioritizes and schedules in-patient tests.
- ◆ Performs computer work (e.g., data entry, back-up).
- ◆ Responds to telephone calls and inquiries from physicians/patients and other staff members.
- ◆ Cleans, maintains, calibrates and troubleshoots diagnostic equipment.
- ◆ Disposes/archives of files and biohazardous waste, as per department procedures and policies.

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:

SGEU:

SAHO:

Date: May 14, 2024