

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: **Electroneurophysiology Technologist II**

Date Updated: **May 20, 2008**

Job Summary:

The Electroneurophysiology (ENP) Technologist II is required to operate, maintain and troubleshoot electroneurophysiology equipment to provide **two** or more of the following diagnostic tests: Electromyography (EMG), Electroencephalography (EEG) and Evoked Potential (EP) or performs advanced testing for Intraoperative Neurophysiology Monitoring (IONM).

Work at the ENP Technologist II level is differentiated from work at the ENP Technologist I level by the performance of two or more diagnostic tests or IONM.

Key Responsibilities and Typical Duties:

In addition to the duties of the ENP Technologist I, the ENP Technologist II:

Core Duties

- Determines which ENP tests to perform based on clinical history, findings, and protocols.
- Provides clinical feedback to management on performance appraisals of ENP Technologist I's.

and/or

- Performs IONM to record the functional integrity of neural structures during surgery.

Leadership

- Implements, maintains and assesses approved quality control procedures.
- Participates in the recruitment and selection of staff and coordinates the orientation of new employees.
- Participates in the instruction and/or supervision of student or technologist trainees.

Decision-Making

- Provides technical and problem solving advice to other ENP Technologists.
- Adapts methods and equipment to obtain optimal results.

Decision-Making (cont)

and/or

- Provides feedback to surgeons for early detection of intraoperative injury, allowing for immediate corrective measures.
- Resolves unusual or complex cases referred by the ENP Technologist I's or refers them to the appropriate individual(s).

Knowledge:

Education

- Diploma from an accredited program in ENP or equivalent training and experience in one of the following: EEG, EMG, or EP, as authorized by the applicable registration board.

Additional Qualification/Designations/Certifications

- Current licensure with the Alberta College of Medical Diagnostic & Therapeutic Technologists (ACMDTT).
- Requires special authorization from the Alberta College of Medical Diagnostic & Therapeutic Technologists (ACMDTT) to perform Intraoperative Neurophysiology Monitoring (IONM) (IMO).

Registration Requirements

Registered with two or more of the following:

- Canadian Board of Registrations of Electroencephalograph Technologists (CBRET).
- Board of Registration of Electromyography Technologists of Canada (BRET).
- Board of Registration of American Board of Registration of Electroencephalographic and Evoked Potential Technologists (ABRET).

Working Conditions:

Physical Demands

- Stands or walks for prolonged periods of time.
- Required to bend and perform variable movements and position changes.
- Some lifting when transferring patients.
- May be required to move/push equipment on portable carts.
- Extensive computer use.

Work Environment

- Required to work in a low light or dark testing room.
- Travel in all weather/road conditions.
- Exposure to biohazardous materials, radioactive isotopes and chemical hazards.
- May be subject to verbally and/or physically aggressive patients and family.