



# Self-Assessment and Cross-Referencing

## for internationally trained electroneurophysiology technologists

Name: \_\_\_\_\_

Date: \_\_\_\_\_

This self-assessment tool is meant to assist you in identifying how your previous program education, work experiences and additional post-program training and educational opportunities compare to the general competency outcome requirements for Alberta-trained technologists.

There are six section headings in this self-assessment tool. Each section has statements related to the section heading. The sections and statements closely compare to the required knowledge, skill and attitude expected of technologists in Alberta.

Each statement requires two steps. For the first step, read through each of the self-assessment categories and statements. For each statement, self-assess your own professional practice and determine the status of your knowledge, skill and competency as it relates to the statement. Please review the chart below to understand the rating system for your self-assessment. Circle the number that is applicable to your own practice based on your knowledge, skill and competency for each statement. There is no right or wrong answer. This tool is used to assist the Registration Committee when your documents are reviewed.

The second step of each statement is the cross-referencing. Below each statement is space for you to reference where you learned, practiced or performed this skill. If your knowledge and skill for each statement can be referenced to one of your educational program courses, please list the course in the space provided. If the experience comes from your work experience, please list the facility where the work experience took place and the dates. If the experiences in any one of statements come from additional training and educational sessions, please list the learning activity in the space provided and include documents with your application verifying completion of the additional training and educational sessions you listed. The more information you can provide the more information the Registration Committee will have when making a decision regarding your application.

<b>Self- Assessment Categories:</b>		
1	I have never performed or learned about this skill/task.	<i>This is not something taught within the respective clinical program or learned through work experience.</i>
2	I have not performed this skill since my initial training.	<i>This is something only learned in the clinical program and not put into practice while working in the field.</i>
3	I have had experience in this area. The experiences have not been recent.	<i>This is something taught within the clinical program or practiced early on in the career. This skill has not been practiced in the past five years.</i>
4	I have limited experience in this area. The experiences are recent.	<i>This is something taught within the clinical program and/or practiced in the career. The occurrences are infrequent and practiced within the last five years.</i>
5	I have extensive experience in this area. The experiences are recent.	<i>This is something that is performed on a daily basis or fairly regularly. The occurrences are frequent and practiced within the last five years.</i>

## Section 1: Professional Accountability and Responsibility

### Legislation, Standards and Ethics

Adhere to and apply the Code of Ethics and Standards of Practice within my practice as outlined by my association or regulatory body. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

Perform my duties while upholding my patients' legal and civil rights. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

Maintain confidentiality of patient information and records. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

### Teamwork

Work effectively and communicate professionally within a multidisciplinary healthcare team. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

Negotiate resolutions to conflicts and problems in my practice environment. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

### Professional Advocacy

Supervise, interact with and evaluate student technologists in the practice environment. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

Provide education which is responsive to the diverse needs of the patient, public and healthcare population. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

Contribute to quality control initiatives and/or research activities. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_



**Professional Competence**

Demonstrate personal commitment to continuing professional development through formal programs and/or self-directed learning.

1      2      3      4      5

Cross – referencing information: \_\_\_\_\_

**Section 2: Workplace Health & Safety**

**Electrical Safety**

Follow established policies and procedures to ensure the safety of staff and others within the work environment.

1      2      3      4      5

Cross – referencing information: \_\_\_\_\_

Follow established policies and procedures to seek clarification to orders, requisitions or instructions.

1      2      3      4      5

Cross – referencing information: \_\_\_\_\_

**Occupational Health and Safety**

Consistently apply standards in the handling, use, storage and disposal of hazardous workplace materials.

1      2      3      4      5

Cross – referencing information: \_\_\_\_\_

Adhere to Occupational Health and Safety standards in the workplace.

1      2      3      4      5

Cross – referencing information: \_\_\_\_\_

**Emergencies**

Respond appropriately to all facility threats and emergencies

1      2      3      4      5

Cross – referencing information: \_\_\_\_\_

**Section 3: Patient Care**

**Patient Environment**

Administer first aid/basic life support in emergency situations.

1      2      3      4      5

Cross – referencing information: \_\_\_\_\_

Apply body-fluid precautions to prevent contamination of person(s), equipment and environment.

1      2      3      4      5

Cross – referencing information: \_\_\_\_\_

Appropriately manage patient ancillary devices (i.e. intravenous (IV) lines and other diagnostic and therapeutic tubes/lines; IV pumps and other patient monitors; oxygen flow).

1      2      3      4      5

Cross – referencing information: \_\_\_\_\_

Ensure safe patient transfers.

1      2      3      4      5

Cross – referencing information: \_\_\_\_\_

**Patient Assessment and Intervention**

Ensure patient’s understanding of, and consent for, all procedures prior to action.

1      2      3      4      5

Cross – referencing information: \_\_\_\_\_

Adapt assessment and screening procedures according to patient’s presentation and needs.

1      2      3      4      5

Cross – referencing information: \_\_\_\_\_

Identify contraindications to proceed with the patient’s procedure.

1      2      3      4      5

Cross – referencing information: \_\_\_\_\_

Monitor and assess patient vital signs.

1      2      3      4      5

Cross – referencing information: \_\_\_\_\_

Recognize and respond appropriately to changes in patient physical condition, behaviours and level of consciousness.

1      2      3      4      5

Cross – referencing information: \_\_\_\_\_

Respond appropriately when patients experience seizures.

1      2      3      4      5

Cross – referencing information: \_\_\_\_\_



**Communication and Education**

Provide pre- and post-procedural instructions, education and care to the patient. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

Provide for the needs of patients and their families. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

**Recording and Documenting**

Use current, appropriate and clear medical terminology. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

Input and retrieve data using appropriate media. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

Adhere to employer policies and procedures in reporting. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

**Section 4: Operation of Equipment**

**Maintain Equipment**

Ensure a preventative maintenance schedule is maintained. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

Calibrate recording equipment as per manufacturers' specification. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

Dispose of used electrodes as appropriate. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

Perform basic troubleshooting; correct or report as appropriate. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

**Operate Equipment**

Operate licensed equipment and accessories according to manufacturer’s specification and departmental policies. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

\_\_\_\_\_

Maintain current and comprehensive knowledge of electrode types. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

\_\_\_\_\_

**Section 5: Clinical Procedures**

**Fundamental Clinical Procedures**

Confirm accuracy and completeness of requisition and resulting documentation. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

\_\_\_\_\_

Accurately prepare the patient and the equipment to achieve optimal recording. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

\_\_\_\_\_

Input and access digital and electronic data relative to the management of the patient. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

\_\_\_\_\_

Assess data sets to confirm accuracy, acceptability and completeness. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

\_\_\_\_\_

Optimize and store electronic images. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

\_\_\_\_\_

Maintain knowledge of pathologies, conditions, diseases and disorders. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

\_\_\_\_\_

**Obtain Standard Recordings**

Take precautions relative to the patient’s physical, mental and behavioural status. 1 2 3 4 5

Cross – referencing information: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



Design recording procedures according to patient presentation and history. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Identify and correct for physiological and non-physiological artifacts. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Collect electroencephalography recordings. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Collect evoked potential recordings. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Collect electromyography recordings. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Place needle recording electrodes below the patient’s dermis. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Perform intraoperative monitoring. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

**Customize/Adapt Recording Procedures**

Perform reactivity tests for patients with impaired levels of consciousness. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Adapt standard recording procedures for neonatal and pediatric patients. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Adapt standard recording procedures for intensive care unit (ICU) patients. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Adapt standard recording procedures for burn patients. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Adapt standard recording procedures for trauma patients. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Adapt standard recording procedures for electrocerebral silence (ECS) recordings. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

### **Analyze Results**

Integrate knowledge of medications to analyze results. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Integrate knowledge of clinical conditions to analyze results. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Correlate the electroencephalogram (EEG) with a clinical seizure. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

## **Section 6: Interpretation and Analysis**

### **Analyze and Enhance Practice**

Evaluate 'best practices' in relation to quality assurance programs. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Participate in professional growth opportunities which include research and presentations. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_