



# Self-Assessment and Cross-Referencing for internationally trained radiological technologists

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Date: July 31, 2014

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: *My experiences in this area came both from school and from working in the field. In school legislation was taught in class LEG202. In practice it was an everyday practice at the hospital where I worked for 10 years as well as demonstrated by my being a member in good standing with the regulatory body in my country.*

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

Cross – referencing information: *This was not taught in my schooling. I did gain association with my regulatory body which provides guidance in these areas. My facility of employment also has policy surrounding patient rights.*

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

Cross – referencing information: *Guidelines as to who can get information from a technologist are covered by my regulatory body for which I am a member in good standing. It is common practice to maintain patient confidentiality.*

### Teamwork

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

Cross – referencing information: *My experiences in working with a multidisciplinary healthcare team have been limited recently. I trained in a large facility but for the past 7 years I have been working in a clinic with limited interaction with many members of the healthcare team. I have mostly worked with the same physician.*

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

Cross – referencing information: *As I work alone in a clinic I have never had to resolve conflict. There is very little conflict if any at all between myself and the physicians. My experiences in conflict resolution are very limited.*

### Professional Advocacy

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

Cross – referencing information: *I have not had to work with students since graduation*

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

Cross – referencing information: *I have been trained in communication with patients and how to educate them in COMM 223. After graduation I have only worked in facilities where radiologists take on this role and I have therefore not had the opportunity to educate patients in this way.*

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

Cross – referencing information: *I studied research methodologies in my education through course REA 255. I had the opportunity to participate in a research program on x-ray dose about 8 years ago. I have no more recent experiences.*

### 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: *I have taken courses for personal continuing professional development in CT, Mammography and Bone Densitometry. Copies of the certificates are provided.*

## Section 2: Workplace Health & Safety

### Radiation Safety/Protection

Consistently apply the principles of ALARA (as low as reasonably achievable). 1 2 3 4 5

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

Follow established policies and procedures to reduce radiation exposure risks to staff and others within the work environment. 1 2 3 4 5

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

Follow established policies and procedures regarding patients who might be pregnant. 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: \_\_\_\_\_

Operate power injector. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Safely administer medications and/or contrast agents to the patient as required for imaging purposes. 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 condition including when adverse reactions are experienced by patients receiving medications or contrast agents.

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: \_\_\_\_\_

## Section 4: Operation of Equipment

### Fundamental Equipment Procedures

Ensure safe operation of radiation emitting, radiation safety and radiation monitoring equipment according to manufacturer's specification and departmental policies.

1 2 3 4 5

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

Perform basic troubleshooting; correct or report as appropriate.

1 2 3 4 5

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

**Perform Equipment Quality Control (QC)**

Perform QC of imaging equipment according to departmental policies and standards.

1 2 3 4 5

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

Evaluate outcomes of QC procedures.

1 2 3 4 5

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

Maintain equipment QC and repair records.

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 for all procedures.

1 2 3 4 5

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

Perform venipuncture.

1 2 3 4 5

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

Insert or remove instruments, devices or fingers

- i. beyond the opening of the urethra
- ii. beyond the anal verge, and
- iii. into an artificial opening in the body

1 2 3 4 5

for the purpose of administering diagnostic examinations.

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: \_\_\_\_\_

Perform general radiography.

1 2 3 4 5

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

Perform fluoroscopic procedures. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Perform computed tomography (CT). 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

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

Perform bone mineral densitometry. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

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

Perform mobile radiography. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Perform trauma radiography. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

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

Perform interventional radiography. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Adapt standard protocols for the patient's age and condition. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Complete all procedures while adhering to high standards of radiation protection for the patient. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

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

Assess images and data sets and confirm accuracy, acceptability and completeness. 1 2 3 4 5  
Cross – referencing information: \_\_\_\_\_

Evaluate the need for additional or modified views based on radiographic appearance of pathologies. 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: \_\_\_\_\_

**Additional Procedures**

Prepare sterile trays. 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: \_\_\_\_\_