

Standard 2.3 Restricted Activities

A regulated member of the Alberta College of Medical Diagnostic and Therapeutic Technologists may perform only those **restricted activities** that they are authorized and have the required **competence** to perform as follows.

Restricted Activities

The restricted activities that regulated members of the Alberta College of Medical Diagnostic and Therapeutic Technologists are authorized to perform under the [name of the new regulation re restricted activities TBD] are as follows:

Radiological Technologist Specialty

(1) Regulated member registered in the radiological technologist general register or the radiological technologist temporary register, when administering diagnostic examinations in medical radiography may:

- (a) apply any form of ionizing radiation in conjunction with medical radiography;
- (b) apply non-ionizing radiation in lithotripsy;
- (c) administer diagnostic imaging contrast agents for the purpose of conducting diagnostic scans and imaging of body tissue;
- (d) insert or remove instruments, devices or fingers
 - (i) beyond the opening of the urethra,
 - (ii) beyond the anal verge,
 - (iii) into an artificial opening in the bodyfor the purpose of administering diagnostic examinations in medical radiography.

(2) A regulated member referred to in subsection (1) who has completed advanced training approved by the College and who has received authorization confirmation from the College may:

- (a) cut a body tissue or to perform other invasive procedures on body tissue below the dermis for the purpose of starting an intravenous line;
- (b) apply non-ionizing radiation for the purpose of ultrasound imaging.

Nuclear Medicine Technologist Specialty

(1) A regulated member who is registered in the nuclear medicine technologist general register or the nuclear medicine technologist temporary register the may:

- (a) apply any form of ionizing radiation in conjunction with nuclear medicine;
- (b) compound or administer blood or blood products to perform autologous procedures;
- (c) administer radiopharmaceuticals, radio labelled substances, radioactive gases or radio aerosols for diagnostic and therapeutic purposes;
- (d) cut a body tissue, or administer anything by an invasive procedure on body tissue below the dermis, for the purpose of administering injections or for starting an intravenous line;
- (e) insert or remove instruments or devices beyond the opening of the urethra for the purpose of administering diagnostic examinations in nuclear medicine.

(2) A Nuclear Medicine Technologist who has completed advanced training approved by the College and who has received authorization confirmation from the College may apply non-ionizing radiation for the purpose of ultrasound imaging.

Radiation Therapist Specialty

(1) A regulated member who is registered in the radiation therapist general register or the radiation therapist temporary register may:

- (a) apply any form of ionizing radiation in conjunction with radiation therapy;
- (b) administer diagnostic imaging contrast agents for the purpose of conducting diagnostic scans and imaging of body tissue;
- (c) insert or remove instruments, devices, hands or fingers

- (i) beyond the cartilaginous portion of the ear canal,
 - (ii) beyond the pharynx,
 - (iii) beyond the opening of the urethra,
 - (iv) beyond the labia majora,
 - (v) beyond the anal verge, and
 - (vi) into an artificial opening in the body,
- for the purpose of radiation treatment.

(2) A Radiation Therapist who has completed advanced training approved by the College and who has received authorization confirmation from the College may:

- (a) cut a body tissue or to perform other invasive procedures on body tissue below the dermis for the purpose of starting an intravenous line;
- (b) apply non-ionizing radiation for the purpose of ultrasound imaging;

Magnetic Resonance Technologist Specialty

(1) A regulated member who is registered in the magnetic resonance technologist general register or the magnetic resonance technologist temporary register may:

- (a) apply non-ionizing radiation in conjunction with magnetic resonance imaging;
- (b) administer diagnostic imaging contrast agents for the purpose of conducting diagnostic scans and imaging of body tissue;
- (c) insert or remove instruments or devices beyond the opening of the urethra or beyond the anal verge for the purposes of conducting diagnostic scans and imaging of body tissue.

(2) A Magnetic Resonance Technologist who has completed advanced training approved by the College and who who has received authorization confirmation from the College may:

- (a) cut a body tissue or to perform other invasive procedures on body tissue below the dermis for the purpose of starting an intravenous line;
- (b) apply non-ionizing radiation for the purpose of ultrasound imaging.

Electroneurophysiology Technologist Specialty

(1) A regulated member who is registered in the electroneurophysiology technologist general register or the electroneurophysiology technologist temporary register, who has completed the training and education approved by the College and who is authorized by the Registrar may:

- (a) cut a body tissue;
 - (b) administer anything by an invasive procedure on body tissue,
- for the purpose of using needle electrodes-

Standard 2.3.1 Performance of Restricted Activities

A regulated member of the Alberta College of Medical Diagnostic and Therapeutic Technologists limits the practice of **restricted activities** to those that are authorized for their specialty. To seek **additional and enhanced practice authorizations**, a regulated member is required to complete College-approved advanced training and to obtain authorization from the College.

Indicators

To demonstrate this Standard, a regulated member will:

- a. Perform only those restricted activities for which they have the required competence and current authorization.
- b. Assess the benefits and risks associated with performing the restricted activity and ensure that a decision is appropriately undertaken on whether or not to perform the restricted activity.
- c. Be responsible and accountable for safely performing the restricted activity.

- d. Understand the risks associated with performing the restricted activity and ensure that measures are in place to manage any critical or unexpected events associated with performing it.

Expected Outcomes

Patients, family/representatives, the public and employers can expect the regulated member to perform restricted activities safely, competently and ethically.

Related Standards

- 1.1 Patient-Centered Care
- 1.2 Clinical Procedures
- 2.1 Legislation, Standards and Ethics
- 2.2 Professional Competence
- 3.1 Collaboration/Professional Relationships
- 3.2 Leadership
- 3.3 Evidence-Informed Practice
- 4.2 Safe Practice
- 4.3 Equipment Quality Control

Standard 2.3.2 Supervision of Restricted Activities

A regulated member of the Alberta College of Medical Diagnostic and Therapeutic Technologists may supervise the performance of a **restricted activity** by a person identified in this Standard of Practice, provided the supervising regulated member is authorized and has the required **competence** to perform the restricted activity in question. The supervising regulated member is responsible for ensuring the restricted activity performed under their supervision is performed in compliance with legislation and any conditions established by the Standards of Practice.

Indicators

To demonstrate this standard a regulated member will:

- a. Provide **direct supervision** to students who are enrolled in an approved medical radiation technology program or an electroneurophysiology technology program approved by the Council.
- b. Provide **indirect supervision** to regulated members on the temporary register.
- c. Provide **supervision** to regulated members who require a period of supervised practice to meet a condition on their practice permit, appropriate to the aforementioned condition.

Note: As set out at section 4(5) of the Medical Diagnostic and Therapeutic Technologists and Electroneurophysiologists Profession Regulation, where an appropriate regulated member is not available to supervise a temporary member, the temporary member may seek permission from the Registrar or Registration to practise under the supervision of a regulated member of another regulated health profession who is authorized to perform the restricted activity that the temporary member is performing.

Expected Outcomes

Patients, family/representatives, employers and the public can expect regulated members will provide the appropriate supervision required to ensure restricted activities are performed in a safe, competent and ethical manner.

Related Standards

- 1.1 Patient-Centred Care
- 1.2 Clinical Procedures
- 2.1 Legislation, Standards and Ethics
- 2.2 Professional Competence
- 3.1 Collaboration/Professional Relationships
- 3.2 Leadership

- 3.3 Evidence-Informed Practice
- 4.2 Safe Practice
- 4.3 Equipment Quality Control

Resources

- ACMDTT. (2016). *Code of Ethics*. Edmonton: Author. Available at: <https://acmdtt.com/>
- ACMDTT. Additional and Enhanced Authorizations. Edmonton: Author. Available at: <https://acmdtt.com/>
- Government of Alberta. (2000). *Health Professions Act*. Edmonton: Author. Available at: www.qp.alberta.ca/documents/Acts/h07.pdf
- Government of Alberta. (2005). *Alberta Regulation 61/2005 Health Professions Act - Medical Diagnostic and Therapeutic Technologists Profession Regulation*. Edmonton: Author. Available at: http://www.qp.alberta.ca/documents/Regs/2005_061.pdf

Glossary changes

Current	Changes
<p>A restricted activity is a high-risk activity performed by a member when providing a health service that requires the member to have specific competencies, skills and authorization, by the regulations under the HPA, to perform the activity safely and competently.</p>	<p>A restricted activity is a high-risk activity performed by a regulated member or under the supervision of a regulated member when providing a health service. Restricted activities are set out at section 1.3 of the HPA. A regulated member may only perform or supervise the performance of a restricted activity if authorized to do so under the HPA and the [name of the new regulation on restricted activities TBD when it is provided to us in December 2022] and must do so in accordance with the Standards of Practice.</p>
<p>Supervision means that a regulated member with a permit appropriate to the area of practice shall be in the immediate area to assist/consult in the delivery of restricted activities performed by a member in the regulated register or a non-regulated worker. The supervising regulated member is required to be physically present, remain within audible distance and be immediately available for assistance while the regulated member or non-regulated worker is performing the restricted activity. Availability by electronic devices is not acceptable.</p>	<p>Supervision includes direct supervision and indirect supervision.</p> <p>Direct supervision means that a regulated member (e.g., preceptor) providing supervision to an individual (e.g., student) performing a restricted activity must remain within audible distance and available for immediate physical assistance while the individual is performing the restricted activity. Availability by electronic devices is not acceptable.</p> <p>Indirect supervision means that a regulated member providing supervision to an individual performing a restricted activity must remain available for immediate physical assistance while the individual is performing the restricted activity. Availability by electronic devices is not acceptable.</p>