



Radiological Technology

This Practice Permit authorizes you to practice within the **regulated profession of radiological technology**. You are entitled to use the following protected titles:

- radiological technologist, medical radiation technologist, medical radiation technologist (radiological), MRT and MRT(R)

Schedule 12(3)(1) of the *Health Professions Act* (HPA) provides that in their practice, medical diagnostic and therapeutic technologists do one or more of the following:

- (a) apply ionizing radiation and other forms of energy to produce diagnostic images,
- (b) evaluate the technical sufficiency of the images,
- (c) use ionizing radiation and other forms of energy for treatment purposes,
- (d) take part in patient care through interdisciplinary, peer and public education, patient counselling, radiation protection, management and research related to matters described in this subsection, and
- (e) provide restricted activities authorized by the regulations.

Section 14(1) of the Regulation provides that a radiological technologist, who is registered and authorized by the College, can perform the following restricted activities:

- (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 beyond the opening of the urethra, beyond the anal verge, and into an artificial opening in the body for the purpose of administering diagnostic examinations in medical radiography.

(2) A person referred to in subsection (1) who has completed advanced training approved by the Council and who has received notification from the Registrar that the authorization is indicated on the appropriate category of the regulated members register may perform in accordance with the standards of practice the following restricted activities:

- (a) to 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) to apply non-ionizing radiation for the purpose of ultrasound imaging.

The government has defined a restricted activity as a procedure or service that requires specific professional competence to be performed safely. Only those individuals, who have received the appropriate training, will be authorized by the Regulation of the HPA to perform certain restricted activities. The duty of regulated members under section 20 requires that regulated members must restrict themselves to performing only those restricted activities that they are *competent*¹ to perform and that are appropriate to their areas of practice and the procedures being performed.

1. Competence: *Exhibiting application of appropriate knowledge, technical skills, clinical reasoning and communication in daily practice, for safe and efficient health care service.*