



# Certificate respecting non-clinical practice in diagnostic medical sonography

Last Name: \_\_\_\_\_ -First Name: \_\_\_\_\_  
(Please print) (Please print)

This form is for individuals who are applying to the College of Medical Radiation Technologists of Ontario (CMRTO) for registration in the specialty of diagnostic medical sonography, who are engaged in the practice of diagnostic medical sonography in a function other than the delivery of clinical services to patients. Non-clinical practice may include functions such as teaching, managing, applications specialist or research. To meet the requirements for registration under Ontario Regulation 866/93 made under the *Medical Radiation Technology Act, 1991*, you must provide evidence you have been engaged in competent practice in the specialty within the last 5 years.

Review the following statements regarding the Standards of Practice of the profession and determine whether/how you are applying that standard or supporting others who apply that standard, or interacting with others who expect you to have, or advise on, the knowledge, skills and judgement of the profession in your practice. You must sign the validation of applicant to state that the information is true and you must have your last or current direct supervisor sign the validation of supervisor.

If it has been over five years since you were engaged in practice in diagnostic medical sonography, please contact the CMRTO at [registration@cmrto.org](mailto:registration@cmrto.org) or 416.975.4353 or 1.800.563.5847.

**You must provide evidence of previous clinical practice and/or education, training, certification, continuing education in diagnostic medical sonography. Please provide details below:**

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**Check if any statement regarding the practise of the profession applies to your current role.**

## Scope of practice

The practice of diagnostic medical sonography is the use of soundwaves for diagnostic ultrasound for the purpose of diagnostic procedures, the evaluation of images and data relating to the procedures and the assessment of an individual before, during and after the procedures. Practice includes not

only the delivery of clinical services, but also the functions of education, management, research and administration.

- I apply the knowledge, skills and judgement of the profession
- I support others who apply the knowledge, skills and judgement of the profession
- I interact with others who expect that I have and use the knowledge, skills and judgement of the profession

**Examine your current role against the eight Practice Standards set out in the CMRTO's Standards of Practice. Check all of the boxes that apply to your current role.**

### **1. Legislation, Standards and Ethics**

Members must understand, and adhere to, the legislation governing the practice of the profession, the Standards of Practice set by the CMRTO, the Code of Ethics and the by-laws of the CMRTO.

- I apply the knowledge, skills and judgement that relate to this Practice Standard
- I support others who apply the knowledge, skills and judgement that relate to this Practice Standard

### **2. Equipment and materials**

Members must have the knowledge, skills and judgement to select the appropriate equipment and materials for procedures ordered by a physician or other authorized health professional, to make determinations as to the quality, serviceability and operability of the equipment and materials, and to take any corrective actions required to meet standards set by legislation, facility policies and manufacturers' guidelines. Members must be skilled in making safe, efficient and effective use of resources to produce the desired examination information or deliver safe, effective treatment.

- I apply the knowledge, skills and judgement that relate to this Practice Standard
- I support others who apply the knowledge, skills and judgement that relate to this Practice Standard

### **3. Diagnostic and Therapeutic Procedures**

Members must be able to create images and data that are sufficiently accurate and clear for the diagnostic or therapeutic procedures that are ordered by a physician or other authorized health professional. In the case of procedures that use ionizing radiation, members use only the minimum amount of radiation necessary during the course of the procedure. Members performing procedures using soundwaves for diagnostic ultrasound use the minimum acoustic power output and minimum exposure time. Members must be proficient in evaluating the images, data and tests relating to the procedures to ensure that the images, data and tests are satisfactory.

Members must be able to administer ionizing radiation, radiopharmaceuticals, electromagnetism for magnetic resonance imaging and soundwaves for diagnostic ultrasound accurately and in accordance with the order of the physician or other authorized health professional for the diagnostic or therapeutic

procedure and the applicable legislation. Members must not apply or administer ionizing radiation or radiopharmaceuticals unless the conditions under the applicable legislation (including without limitation, the *Healing Arts Radiation Protection Act* and its regulations and the *Nuclear Safety and Control Act*, its regulations and licences issued thereunder) have been met.

Under the *Medical Radiation Technology Act*, members are authorized to perform five controlled acts (“authorized acts”) as required in the course of engaging in the practice of the profession. They must not perform the authorized acts or any exempted controlled act unless the conditions under the *Regulated Health Professions Act*, the *Medical Radiation Technology Act* and their respective regulations, and the Standards of Practice have been met.

- I apply the knowledge, skills and judgement that relate to this Practice Standard
- I support others who apply the knowledge, skills and judgement that relate to this Practice Standard

#### **4. Safe Practice**

Members must have and maintain the knowledge, skills and judgement to practise safely by adhering to all relevant provincial and federal legislation and guidelines, departmental protocols and policies and manufacturers’ directions pertaining to health and safety.

In the event of any unexpected problems or emergencies, members must be competent and prepared to handle or to assist in the management of the situation.

- I apply the knowledge, skills and judgement that relate to this Practice Standard
- I support others who apply the knowledge, skills and judgement that relate to this Practice Standard

#### **5. Relationship with Patients**

Members must maintain clear and professional boundaries in relationships with patients and treat all patients with dignity and respect. Members must have the knowledge, skills and judgement to avoid placing patients at unnecessary risk of harm, pain or distress. Members must be able to provide appropriate responses to patient inquiries about procedures and related issues, and accept the patient’s autonomy and the right of the patient or the patient’s substitute decision maker to consent to or refuse service. Members must understand how and act to protect the confidentiality of all professionally acquired information about patients and the privacy of patients with respect to that information, while facilitating the effective delivery of health care.

- I apply the knowledge, skills and judgement that relate to this Practice Standard
- I support others who apply the knowledge, skills and judgement that relate to this Practice Standard

#### **6. Professional Relationships**

Members must be able to practise effectively within interprofessional care teams to achieve the best possible outcomes for the patient. Members are responsible for communicating about and

coordinating care provision with other members of the team, and must be able to take the appropriate action to address gaps and differences in judgement about care provision.

Members may accept the delegation of controlled acts under the *Regulated Health Professions Act* not authorized to members under the *Medical Radiation Technology Act*, provided they comply with the *Regulated Health Professions Act* and the Standards of Practice. Members cannot delegate to other individuals controlled acts authorized to members under the *Medical Radiation Technology Act*.

- I apply the knowledge, skills and judgement that relate to this Practice Standard
- I support others who apply the knowledge, skills and judgement that relate to this Practice Standard

## **7. Records and Reporting**

Members must be proficient in creating records, charts, incident and other reports that attest to the diagnostic, treatment, quality assurance, workplace and patient safety procedures that have been carried out. Members must have the knowledge, skills and judgement to record information that will adequately identify the subjects of all the images and data they create and treatments they administer. Members must produce records and reports that are accurate, complete, legible and timely.

- I apply the knowledge, skills and judgement that relate to this Practice Standard
- I support others who apply the knowledge, skills and judgement that relate to this Practice Standard

## **8. Continuing Competence**

Members must have, maintain and apply the necessary knowledge, skills and judgement to ensure safe, effective and ethical outcomes for the patient. Members must maintain competence in their current area of practice and must refrain from acting if not competent. Members must obtain and maintain the necessary knowledge, skills and judgement to respond to changes in practice environments, advances in technology and other emerging issues. Members must participate in the College's Quality Assurance Program as part of maintaining and improving their competence.

- I apply the knowledge, skills and judgement that relate to this Practice Standard
- I support others who apply the knowledge, skills and judgement that relate to this Practice Standard

**Examine your role as it relates to the practice setting and role of members of the profession. Check if you are practising in one or more of these settings or providing one or more of these services:**

- a hospital, cancer centre, independent health facility (clinic) or other health service organization, or providing mobile medical radiation technology services
- a long-term care facility, nursing home, home for the aged, or retirement home
- physician's office, surgeon's office, chiropractor's office, dentist's office, or chiropodist's office
- health care education, medical radiation technology education program or research organization
- medical radiation technology or sonography organization (association, regulatory body)

**Validation of applicant:**

“I hereby certify that I am competent to practise and have practised or supported others to practise the specific standards set out above, within the last five years.”

\_\_\_\_\_  
*Applicant Signature*

\_\_\_\_\_  
*Date (dd/mm/yyyy)*

**Directions for Supervisor:**

The applicant has applied to the College of Medical Radiation Technologists of Ontario for registration. The Validation of Supervisor section of the Certificate Respecting Practice is to be completed and signed by the applicant’s last or current supervisor. To assist the Registrar of the CMRTO in determining whether the applicant meets the requirements prescribed by the regulations, please review the Certificate Respecting Practice completed by the applicant. If the statements in the Validation of Supervisor section are true, please complete and sign the Validation of Supervisor.

**Validation of supervisor:**

“I hereby certify that the applicant has competently practised the specific standards identified above, that all the information contained in the above list is true and correct and that I am/was the direct supervisor of the applicant. I hereby acknowledge that the College of Medical Radiation Technologists of Ontario will be relying upon this validation as evidence of the applicant’s competent practice in the profession within the last five years.”

\_\_\_\_\_  
*Supervisor Signature*

\_\_\_\_\_  
*Date (dd/mm/yyyy)*

\_\_\_\_\_  
*Supervisor Name (Please print)*

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*Supervisor Title*

\_\_\_\_\_  
*Telephone of supervisor*

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*Email of supervisor*

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*Name and address of facility*