
THE COLLEGE OF PHYSICIANS & SURGEONS OF MANITOBA

BY-LAW #3B **Under Section 40(2)¹ of *The Medical Act*** **DIAGNOSTIC IMAGING AND RADIATION ONCOLOGY** **FACILITIES**

Preamble

This by-law applies as follows:

1. Pursuant to *The Medical Act*, ss. 40(1)², to all diagnostic imaging and radiation oncology facilities in Manitoba in which services are performed by members of the College.
2. Pursuant to ss. 40(6)³ of *The Medical Act* and by direction of the Minister of Health, to diagnostic imaging and radiation facilities falling within the jurisdiction of the government of Manitoba.
3. Pursuant to ss. 40(6) and by agreement with the federal government, to diagnostic imaging and radiation facilities in Manitoba falling within the jurisdiction of the government of Canada.

ARTICLE 1 – DEFINITIONS

1(1) General

In this By-law:

"certificate of accreditation" means a certificate issued to a diagnostic imaging or radiation oncology facility by the College certifying that it has received accreditation.

¹ Subsection 40(2) states:

40(2) The council may make by-laws as to all matters pertaining to the establishment and operation of such diagnostic and treatment facilities to ensure that the procedures and standards of care set by the council for the protection of the public are carried out in all such diagnostic and treatment facilities.

² Subsection 40(1) states:

40(1) The council may appoint a committee to be known as the "program review committee" which may investigate and inspect on behalf of the council all diagnostic and treatment facilities in which services are performed by members in Manitoba other than those which are under the jurisdiction of provincial or municipal governments and those facilities that are approved hospitals under *The Manitoba Hospitals Act*.

³ Subsection 40(6) states:

40(6) The program review committee may enter into agreements with the federal, provincial or municipal governments to apply the provisions of subsections (1), (2) and (5) of this section to any facilities or any portion of a facility falling within the jurisdiction of that government and such agreements shall specify the procedures not inconsistent with any Act to be followed when the program review committee believes that the facility does not appear to meet the required standards.

"committee" means the committee of the College responsible for the administration of this By-law.

“direct or indirect financial interest” means any interest owned by a member, by individuals connected by blood relationship, marriage or adoption to a member, by any corporation, proprietorship, partnership, society, business, association, joint venture, group or syndicate in which a member or any individual connected by blood relationship, marriage or adoption to a member have any interest.

"Director" means a Member approved by the College as responsible for the operation of a facility.

"facility" means a diagnostic imaging or radiation oncology facility.

"radiation oncologist" means a physician enrolled on the Specialist Register of the College in the field of radiation oncology.

"radiology technologist" means a person currently registered by the Canadian Association of Medical Radiation Technologists in either diagnostic or therapeutic radiological technology.

"Radiologist A" means a physician enrolled on the Specialist Register of the College in the field of Diagnostic Radiology.

"Radiologist B" means a physician who:

- (a) is a diplomate of the American Board of Radiology or is declared Board eligible by the American Board of Radiology; or
- (b) is eligible for examination in Diagnostic Radiology or Radiation Oncology by the Royal College of Physicians & Surgeons of Canada, based upon satisfactory completion of training; or
- (c) has satisfactorily completed an assessment process acceptable to the College.

"Radiologist C" means a resident in his/her last two years of training who has satisfactorily completed core training.

"ultrasonologist" means a person approved under this By-law in the field of ultrasonology.

“ultrasonologist - general ultrasound” means an ultrasonologist approved to supervise an ultrasound facility and/or interpret the ultrasound results.

“ultrasonologist - restricted ultrasound” means an ultrasonologist approved to use ultrasound in a restricted application only.

"ultrasound facility" means any unit using diagnostic levels of ultrasound in medical diagnosis.

"ultrasonographer" means a person who has met the requirements outlined by a national accrediting organization recognized from time to time by the College.

"x-ray assistant" means a person who is a qualified laboratory technologist, who has completed a limited course in radiation technology as recognized by the College, and who is employed in a position consistent with this training as approved by the College.

- 1(2) In this by-law, words and phrases defined in *The Medical Act* have the same meaning as in *The Medical Act*.

ARTICLE 2 - FACILITY ACCREDITATION

- 2(1) A facility must obtain a certificate of accreditation from the committee before it provides or offers to provide any diagnostic imaging or radiation oncology services.
- 2(2) Applications for accreditation of a facility must:
- (a) be made to the College by the Director of the facility,
 - (b) be made on the forms prescribed by the College,
 - (c) identify the owners of the facility,
 - (d) report any direct or indirect financial interest that a physician or a medical corporation has in the ownership of the facility and provide full particulars of that interest, and
 - (e) be signed by the Director.
- 2(3) The facility shall promptly inform the College of any changes in the information provided pursuant to the requirement of Article 2(2).
- 2(4) The accreditation process will include:
- (a) satisfactory completion of a pre-survey questionnaire;
 - (b) an on-site survey by one or more health care professionals who have expertise in the appropriate area of practice and who are designated by the College;
 - (c) review of the facility's compliance with the College's standards.
- 2(5) Where the committee deems it appropriate to do so pending the completion of the review process, it may grant provisional accreditation.
- 2(6) Unless a delay is requested by the facility and agreed to by the College, the date for the on-site survey must be fixed within 60 days of the application, but the on-site survey itself need not be completed within that time.
- 2(7) Within sixty days of the on-site survey, the committee shall notify the Director of its decision.
- 2(8) The options available to the committee are:
- (a) decline the application,
 - (b) if the committee is satisfied that a facility has met all of the requirements of this By-law, grant accreditation for a specified period of up to five years, or
 - (c) if the committee has identified deficiencies, but is satisfied that it is in the public interest to permit the facility to operate while it corrects the deficiencies, grant conditional accreditation with a specific period of time within which the facility must correct the deficiencies.

- 2(9) When a conditional accreditation is granted:
- (a) a letter shall be issued indicating that accreditation is conditional and specifying the date on which conditional accreditation will expire if the identified deficiencies are not corrected,
 - (b) the committee may extend the deadline for correction of one or more of the deficiencies if, in its sole discretion, it deems it appropriate to do so;
 - (c) the Director must provide a written response to each deficiency, specifying corrective action taken,
 - (d) a follow-up survey may occur if the committee so directs, and
 - (e) full accreditation will be granted when identified deficiencies have been corrected to the satisfaction of the committee.
- 2(10) Where a facility is no longer being used, the committee may revoke the facility's certificate of accreditation.
- 2(11) If during the currency of a certificate of accreditation, the committee is of the opinion that a facility fails to meet the requirements of this By-law or is unsafe, the committee shall provide notice to the facility and shall review the facility's accreditation. Where the committee is of the opinion that a facility does not meet the required standards, the committee may report the matter pursuant to ss. 40(3)⁴ of *The Medical Act*.
- 2(12) In order to renew a certificate of accreditation, the facility must re-apply for accreditation at least six (6) months prior to the date the certificate of accreditation is to expire. The re-accreditation process will follow the same procedure as required for initial accreditation.
- 2(13) Accreditation status will be automatically reviewed if:
- (a) the Director changes
 - (b) there are changes in key personnel and technical staff, or
 - (c) there is a change in the ownership of the facility.

ARTICLE 3 - ELIGIBLE PROCEDURES

- 3(1) Upon granting a certificate of accreditation, the committee shall attach as a schedule to the certificate, a list of procedures which have been approved for the facility.
- 3(2) The schedule of procedures may be amended from time to time upon the application of the facility and the approval of the committee.

⁴ Subsection 40(3) states:

40(3) Where the program review committee reports to the council that a diagnostic and treatment facility does not appear to meet the required standards, the council shall consider the report and the provisions of Parts IX and X of this Act apply with all necessary modifications.

ARTICLE 4 – PHYSICIAN APPROVAL

- 4(1) A physician who wishes to provide services at a facility must apply in writing to the College for approval in one of the following classifications:
- (a) Radiologist A
 - (b) Radiologist B
 - (c) Radiologist C
 - (d) radiation oncologist
 - (e) ultrasonologist - general ultrasound
 - (f) ultrasonologist - restricted ultrasound.
- 4(2) An application by a physician seeking approval in one of the categories listed in 4(1) shall be made on the form approved by the College. Upon request, the applicant shall provide proof of qualifications.
- 4(3) No physician shall provide services in a facility until his/her application has been approved by the College.
- 4(4) Once a physician receives approval under Article 4(1) of this by-law, if the committee is of the opinion that the physician does not meet the requirements of this By-law or is not practising in a safe manner, the committee shall provide notice to the physician and shall review the physician's approval. Where the committee is of the opinion that a physician does not meet the required standards, the committee shall refer the matter to the Registrar.

ARTICLE 5 – RADIOLOGIST

- 5(1) A Radiologist A may:
- (a) supervise administration, technical procedures, introduction of contrast media, and
 - (b) provide professional opinions based upon the examinations carried out.
- 5(2) A Radiologist B may assume all duties of a Radiologist A only with the approval of the College.
- 5(3) A Radiologist C may be employed as a locum tenens under the direction of a Radiologist A or a Radiologist B for a period of no longer than three months in a one year period.
- 5(4) Charges by and payment for services rendered by a Radiologist C shall be in the name of the Radiologist A or the Radiologist B. However, the name of the Radiologist C must appear on the claim card.

5(5) Only Radiologists A, Radiologists B, Radiologists C or other physicians approved by the College may conduct diagnostic fluoroscopy and only when the appropriate image intensification is available.

ARTICLE 6 – RADIATION ONCOLOGY STAFF

6(1) Except in special circumstances approved by the committee, only a radiation oncologist shall provide radiotherapy services.

6(2) A radiation oncologist may:

- (a) prescribe and supervise administration of radiotherapy and other modalities used in the management of malignant diseases, and
- (b) provide consultations and professional opinions to referring physicians.

ARTICLE 7 – DIAGNOSTIC ULTRASOUND

7(1) The minimum educational requirement for a physician seeking approval to supervise a general ultrasound facility and/or interpret ultrasound results is a specialist certificate in any field plus six months of full time training at a recognized ultrasound laboratory.

7(2) The minimum educational requirements for a physician seeking approval for the classification “ultrasonologist - restricted ultrasound” are set forth in Schedule A hereto.

7(3) The College may exempt specific uses of ultrasound from the provisions of this By-law.

ARTICLE 8 – TECHNICAL STAFF

8(1) Only radiology technologists, ultrasonographers or x-ray assistants may make diagnostic images.

8(2) Where a facility is considering employing an individual other than a radiology technologist, an x-ray assistant, or an ultrasonographer to make diagnostic images, the facility must apply to the College for approval. Where the committee deems it appropriate in the particular circumstances, it may approve such individuals to make diagnostic images in the facility

ARTICE 9 - FACILITY DIRECTOR

9(1) A facility shall appoint as Director a Radiologist A or, where the committee is satisfied that special circumstances exist, a Radiologist B, acceptable to the committee.

9(2) The Director shall have the effective control of the facility, and shall supervise and be responsible for all technical and professional activities of the facility, and, without limiting the generality of the foregoing, shall:

- (a) have control of employment of technical and other personnel, subject to the right to delegate day-to-day employment processes to the charge technologist.
- (b) ensure that the facility employs only radiology technologists, x-ray assistants, ultrasonographers, or other individuals with qualifications acceptable to the College for that facility.
- (c) assess the credentials of physicians working in the facility to ensure that they meet the criteria stipulated in this By-law.
- (d) subject to subsection (4), at least annually, visit and inspect the facility.
- (e) participate directly in the operation of the facility, subject to the right to delegate a portion of the work to technologists in the facility.
- (f) be available for consultation with referring physicians.
- (g) be responsible for the development of appropriate and up-to-date policy and procedure manuals, including acceptable staff health policies.
- (h) establish guidelines regarding potential health hazards to patients and personnel of the facility.
- (i) ensure that complete and accurate patient records and documentation relating to the operation of the facility and procedures performed are kept.
- (j) have access to all records and documentation relating to the facility and its operation.
- (k) ensure that adequate quality assurance and improvement programs are in place, at least annually, review the facility's quality assurance and improvement programs.
- (l) at least quarterly, review the facility's quality control records.
- (m) ensure that there is no financial arrangement or consideration between the facility and the referring physician.
- (n) direct and maintain an emergency level of service for the continuation of essential patient services in the event of withdrawal of services by professional and technical staff.
- (o) ensure that the schedule of procedures which have been approved for the facility is maintained on file at the facility.
- (p) ensure that the facility confines itself to the schedule of procedures approved for that facility.
- (q) ensure that, regardless of the name of the facility, the name of the Director is clearly posted, either on the exterior of the facility or in the reception area of the facility.

- 9(3) The Director shall be responsible to the College to ensure:
- (a) that there is full and complete reporting to the College of all required information, including but not limited to, submitting the following to the College:
 - (i) at least annually, a Director's Annual Review Form, including information regarding quality assurance and improvement programs in the facility,
 - (ii) a copy of the Director's Agreement Form,
 - (iii) the facility's quality control program participation results and, where an error occurs, a Director's Response Form providing an explanation,
 - and
 - (b) that fees payable to the College are submitted as required.

9(4) Where the Committee considers it impractical to require an annual site visit and inspection by the Director of a facility, the Committee, upon the written application of the Director, may waive the requirement. No waiver shall be for a period of greater than one year.

ARTICLE 10 - RECORDS

10(1) Physicians shall maintain clinical records that meet the expected standards of medical record-keeping.

10(2) Where appropriate, clinical records shall include documentation related to the informed consent of the patient for the procedure(s) performed in a facility.

ARTICLE 11- AUDIT AND QUALITY CONTROL

11(1) Facilities must:

- (a) have appropriate quality assurance and improvement programs in place, and
- (b) participate in the quality control programs mandated by the College.

11(2) The review of standards is not dependent solely on quality assurance and improvement programs but may, at the discretion of the committee, take into consideration all aspects of the staffing, equipment and operation of the facility.

ARTICLE 12 - EQUIPMENT AND SUPPLIES

12(1) All procedures and standards of care set by the College for the protection of the public shall be carried out in the facility.

12(2) All equipment shall be safe and well maintained and comply with applicable federal, provincial, and municipal legislation.

12(3) Sterilization techniques and the storage of medical supplies shall be consistent with the requirements of infection control practices in a hospital.

12(4) The facility shall comply with all guidelines the College may issue on the subject of infection control practices in an office setting.

12(5) Waste handling and disposal procedures shall comply with all legislated and/or recommended waste handling and disposal practices in a hospital.

12(6) The recommendations of the International Commission on Radiation Protection, outlined in the publication of the Radiation Protection Bureau of the Department of National Health and Welfare, is the recognized safety standard.

12(7) Radiation monitoring is mandatory.

12(8) The facility shall conform to any legislative requirements with respect to radiological safety.

12(9) All equipment must be registered with the provincial Department of Health and must meet electrical and radiological safety standards which are set forth by the Radiation Protection Section of the Manitoba Cancer Treatment and Research Foundation and appropriate federal agencies.

12(10) All units shall be subject to inspection and accreditation by the Radiation Protection Section of the Manitoba Cancer Treatment and Research Foundation.

ARTICLE 13 - APPEAL

13(1) The facility or a physician may appeal any decision of the committee to the Executive Committee by filing a Notice of Appeal with the registrar within thirty (30) days of being informed of the decision.

ARTICLE 14 - SURVEYS AND AUDITS

14(1) The facility shall be subject to on-site survey by health care professionals, designated by the committee to conduct surveys, at any time.

14(2) Should access to the facility for any survey be refused, the committee may take such action it deems necessary including, review of the facility's accreditation status and referral pursuant to ss. 40(3) of *The Medical Act*.

ARTICLE 15 - FEES

15(1) The facility shall pay all expenses, charges and fees including any licence fees imposed by the committee, in respect of the administration of this By-law.

ARTICLE 16 - TRANSITION

16(1) Notwithstanding Article 2(12) hereof, for any facility that had accreditation as of June 21, 2002, the following shall prevail:

- (a) re-accreditation may be granted by the committee for a period of no greater than 5 years from December 31, 2002 based upon:
 - (i) satisfactory completion of a pre-survey questionnaire, and
 - (ii) review of the facility's compliance with the College's standards,
- (b) the committee must establish a date for an on-site survey of the facility, to occur no later than December 31, 2007.

16(2) After December 31, 2007, the provisions of Article 2(12) shall apply.

THIS IS SCHEDULE A TO BY-LAW NO. 3B OF THE COLLEGE OF PHYSICIANS & SURGEONS OF MANITOBA (Repealed and Replaced 06/03)

1. **Echocardiography –**
 - a. Royal College certification (or other specialist training acceptable to the College) in one of the following specialties:
 - i. Cardiology
 - ii. Anaesthesiology
 - iii. Internal Medicine
 - iv. Radiology, and
 - b. Successful completion of an echocardiography training program acceptable to the College

2. **Perioperative Transesophageal Echocardiography (TEE)**
 - b. Royal College certification (or other specialist training acceptable to the College) in one of the following specialties:
 - i. Cardiology
 - ii. Anaesthesiology
 - iii. Internal Medicine
 - iv. Radiology, and
 - b. Successful completion of a perioperative echocardiogram training program acceptable to the College.

3. **Obstetrical ultrasound**
 - a. Royal College certification in obstetrics and gynaecology or other specialist training in obstetrics and gynaecology acceptable to the College.
 - b. Successful completion of obstetrical ultrasound training acceptable to the College.

4. **Ultrasound guided ovum harvesting following ovarian stimulation**
 - a. Royal College certification in obstetrical and gynaecological or equivalent specialist training in obstetrics and gynaecology acceptable to the College, and
 - b. Successful completion of training program in a reproductive medicine acceptable to the College.

5. **Limited ultrasound for Termination of Early Pregnancy**

Physicians licensed to practice medicine in Manitoba, who have satisfactorily completed a training program in early pregnancy limited ultrasound procedures acceptable to the College.

6. **Ultrasonography of the eye –**
 - **Ocular A Scan to determine the axial length**

Royal College certification in ophthalmology or other specialist training in ophthalmology acceptable to the College.
 - **Ocular B Scan to examine posterior segment disease**
 - a. Royal College certification in ophthalmology or other specialist training in ophthalmology acceptable to the College, and
 - b. Successful completion of training program in an ophthalmologic ultrasound acceptable to the College.

Ultrasound guided biopsy of the prostate

- a. Royal College certification in urology or other specialist training in urology acceptable to the College.
- b. Successful completion of training program in prostatic scans and ultrasound guided biopsies of the prostate acceptable to the College.

8. Neurosurgery – Ultrasound

- a. Royal College certification in neurosurgery or other specialist training in neurosurgery acceptable to the College.
- b. Successful completion of training program in neurosurgical ultrasound acceptable to the College.

9. Breast Ultrasound

- a. Royal College certification in radiology or other specialist training in radiology acceptable to the College.
- b. Successful completion of breast ultrasound training acceptable to the College.