

RADIATION PROTECTION, CCMB

E: CCMBMPX-rayCompliance@cancercare.mb.ca

1.0 COURSES: FLUOROSCOPY SAFETY COURSES

1.1 Fluoroscopy Radiation Safety for the Non-Radiologist Course:

- a) This course is offered to all non-radiologist licensed physicians operating x-ray fluoroscopy equipment and/or for non-radiologist licensed physicians directing fluoroscopic procedures.
- b) The course meets the requirements of Manitoba Regulation 341/88 R, an X-ray Safety Regulation under the Public Health Act, and the College of Physicians and Surgeons (Manitoba Diagnostic Imaging Standards).
- c) The intent of the Fluoroscopy for the Non-Radiologist course is to review best practices for managing patient dose and minimizing staff dose for non-radiologist physicians who are present in the exam room during a fluoroscopy procedure.
- d) The course is not designed to offer instruction in the operation of fluoroscopy systems such as full-sized C-arm X-ray units.
- e) Completing the course does not authorize the individual to operate a fluoroscopy system independently or on their own.
- f) Course content includes:
 - A review of basic principles of radiation dose and associated risks.
 - An overview of best practices to optimize dose to patients while meeting clinical objectives.
 - An overview of best practices to minimize staff dose.
- g) This course is also suitable for recertification on a three-year reappointment cycle.

1.2 Fluoroscopy Safety Course (non-physician course):

This course is offered and suitable for (but not limited to) non-physician staff assisting in fluoroscopy procedures and not operating x-ray fluoroscopy equipment.

2.0 Course Description:

2.1 Both courses are adapted to suit the designation(s) of staff and/or department(s)

which include topics such as, but not limited to:

- Radiation protection principles and practicalities.
- Radiation risks.
- Patient safety in fluoroscopy.
- Staff safety in fluoroscopy.
- Fluoroscopy x-ray systems and how they work.
- Optimization of techniques for quality images at the lowest possible dose.
- Practical tips for radiation risk reduction in fluoroscopy.

2.2 The course administrator will issue a digital certificate upon completion of the course. Please retain the course certificate as it may be required for accreditation purposes.

3.0 Course Delivery:

The *Fluoroscopy Radiation Safety for the Non-Radiologist* course and the *Fluoroscopy Safety* course are offered by request, via *Teams*. The courses are approximately one hour in duration. Both courses are delivered by an imaging physicist from the Department of Imaging Physics, CCMB [Imaging Physics, CCMB](#) (Flexible dates and times are available.)

4.0 Course Administrator:

4.1 Radiation Protection, CCMB, assumes the responsibility of course administrator for the Fluoroscopy Radiation Safety courses. All inquiries and requests are to be directed via email to:

- Radiation Protection, CCMB [Radiation Protection, CCMB](#)
E: CCMBMPX-rayCompliance@cancercare.mb.ca

4.2 Attendance forms are to be completed before the course date (contact Radiation Protection to obtain the form). Attendance forms are to be completed by the requesting department and/or course coordinator.

4.3 Radiation Protection, CCMB, is **not** responsible for the retention of records for accreditation purposes. Our recommendation is that requesting department retain a summary of course attendance for a period to suit the accreditation process.

<p>For any inquiries or to Request a Course Date:</p>	<p>Contact: Radiation Protection, CCMB Room ON 2118, Medical Physics Department 675 McDermot Avenue Winnipeg, Manitoba R3E 0V9 T: 204-787-4145 F: 204-775-1684 E: CCMBMPX-rayCompliance@cancercare.mb.ca</p>
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