

July 27, 2016

### **Fluoroscopic Ownership Guide for CCBC Registrants.**

In order to assist registrants that own and operate Fluoroscopic x-ray equipment while ensuring the safe operation of the equipment, the College of Chiropractors of BC (the *CCBC*) has developed this Fluoroscopic Ownership Guide. This is in addition to standards and the radiographic equipment ownership guide.

All registrants that own fluoroscopic and/or other radiographic equipment must comply with the Bylaws regarding radiation safety by, for each unit:

- registering their equipment with the *CCBC* and the BC Center for Disease Control (the *BCCDC*)
  - de-registering the equipment with both the *CCBC* and the *BCCDC* when no longer in use
- maintaining a current Certificate of Radiation Safety (the *Certificate*)
- annually or as updated, provide the *CCBC* with:
  - the issue date and expiry date of the *Certificate*
  - a copy of the *Certificate* (upload)
- displaying the *Certificate* within 3 meters of the equipment
- complying with any *CCBC* Quality Assurance Committee programs for x-ray equipment

All *CCBC* registrants who own, whether individually or in a partnership, any radiographic equipment must provide the *BCCDC* x-ray registration information and the *Certificate* to the *CCBC*.

Other registrants such as clinic associate doctors and locum, student or temporary registrants do not need to provide x-ray registration information or the *Certificate* to the *CCBC*. However, these registrants must ensure the equipment has a valid *Certificate* before operating it themselves.

If a *CCBC* registrant is operating any radiographic equipment owned by a person or company other than a chiropractor, they should contact the College office.

Members can register & deregister their equipment, verify their equipment and upload a copy of the *Certificate* by logging into the Registrant area on the *CCBC* website.

It remains the responsibility of the registrant to ensure their *Certificate* is valid at all times.

- **Note:** operation of radiographic equipment that does not have a valid *Certificate* is a breach of the Bylaws, the *BCCDC* guidelines and WorkSafe BC. This could result in an investigation and penalties under the Health Professions Act (the *HPA*) s. 33 and an order to cease use of the equipment under *HPA* s. 35.

A Radiations Surveyor and/or a Shielding Consultant can assist in planning your x-ray facility.

Dosimeters may be required, you should check with your radiation surveyor to confirm if necessary.

A list of detailed and helpful documents is included in the last section of this package.

Note: **Regulation and Authority**

- The authority for Radiation Guidelines is under Work Safe BC Occupational Health and Safety (OHS) Regulations Part 7 - Noise, Vibration, Radiation and Temperature
  - Division 3 - Radiation Exposure
- The BC Center for Disease Control (BCCDC) – Radiation Protection Services branch provides the Overview of Diagnostic X-Ray Protection, oversees issuing of the Certificate of Radiation Safety, maintains lists of Radiation Surveyors, Shielding Consultants and provides shielding guidelines.
- Health Canada has issued Safety Codes for x-ray equipment:
  - Safety Code 32 – Safety Requirements And Guidance For Analytical X-ray Equipment
  - Safety Code 20A - X-Ray Equipment in Medical Diagnosis Part A: Recommended Safety Procedures for Installation and Use
  - Safety Code 35: Safety Procedures for the Installation, Use and Control of X-ray Equipment in Large Medical Radiological Facilities

**Note: There are many factors and variable that determine if fluoroscopic equipment falls under Safety Code 20A or 35. The CCBC is unable to provide a determination, therefore registrants that wish to operate fluoroscopic equipment must consult with the BCCDC, WorkSafeBC and a Surveyor to determine the application of the Safety Codes.**

**Work Safe BC**

[Occupational Health and Safety \(OHS\) Regulations Part 7 - Noise, Vibration, Radiation and Temperature, Division 3 - Radiation Exposure](#)

**Health Canada**

[Safety Code 32 – Safety Requirements And Guidance For Analytical X-ray Equipment](#)

[Safety Code 20A - X-Ray Equipment in Medical Diagnosis Part A: Recommended Safety Procedures for Installation and Use](#)

[Safety Code 35: Safety Procedures for the Installation, Use and Control of X-ray Equipment in Large Medical Radiological Facilities](#)

**BCCDC**

**Specific to Fluoroscopy:**

[Operators of Radioscopic \(Fluoroscopic\) Equipment](#)

[Guideline for Determining the X-ray Shielding Requirements for a Fluoroscopic \(Radioscopic\) Facility](#)

[Guideline for Determining the X-ray Shielding Requirements for a Radiographic and Fluoroscopic \(Radioscopic\) Facility](#)

[GUIDELINE FOR WEARING RADIATION MONITORING DEVICES \[PERSONAL DOSIMETERS\]](#)

**X-ray in General:**

[Radiation in Medicine](#)

[Diagnostic X-ray Facility Protection](#)

[Protection of Workers and Patients in Radiology](#)

[Radiological Health Prevention and Promotion](#)

[Registration of Diagnostic X-ray Equipment](#)

[Diagnostic X-ray Equipment De-Registration Form](#)

[X-ray Shielding Guidelines Explanatory Notes](#)

[Guideline and Checklist for Installation of Lead Shielding in a Diagnostic X-ray Facility](#)

[Guideline for Determining the X-ray Shielding Requirements for a Chiropractic Radiographic Facility](#)

[Guideline for Determining the X-ray Shielding Requirements for a General Duty/Trauma Radiographic Facility](#)

[Shielding Consultants](#)

[Surveyors List](#)

[Radiation Exposure and your Developer](#)

[ADVISORY ON PERSONAL RADIATION DOSIMETRY SERVICES](#)