

12. RADIOLOGY

Objective: The performance of diagnostic imaging occurs with the intention of producing diagnostic quality images, as well as reducing harm and mitigating risk to patients, team members and the public related to exposure to radiation or other harmful substances, directly or indirectly.

This standard includes dental radiology services.

The purpose of the College's Radiation Safety- Legislative Overview is to provide veterinarians who own and operate x-ray equipment with information about the expectations and requirements contained in Regulation 861 under the Occupational Health and Safety Act.

Requirements

	YES	NO	N/A
1. Radiology equipment and facilities are suitable for the range of species routinely treated.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Radiology equipment is properly maintained and in good repair. The equipment is serviced according to manufacturers' requirements. Equipment is cleaned after each use.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Radiation producing equipment is operated only by trained team members who have been made aware of hazards, actual and potential to themselves, other team members, patients and nearby individuals.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Diagnostic radiology equipment is maintained, registered and operated as required under Ontario's Ministry of Labour, Radiation Protection Services. At the time of inspection, a copy of the X-ray registration number provided by the Ministry of Labour, Radiation Protection Services is required.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Ensures that exposure to radiation is as low as reasonably achievable. There is sufficient provision for the non-human restraint of patients during radiography.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. All team members involved in the radiographing of animals are monitored for radiation exposure as approved by the National Dosimetry Services, Health Canada. Individual monitoring badges are available for all team members involved in radiographing animals.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Requirements			
	YES	NO	N/A
7. Sufficient personal protective equipment (PPE) is provided and examined at regular intervals. PPE is worn by all team members in the designated radiation area at all times and is in good working order.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. The shielding of the designated radiation area is appropriate for the size and use of the space with suitable and sufficient signs and warnings.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. There are suitable radiographic processing facilities (conventional or digital) used and maintained in accordance with the manufacturer's instructions to avoid wasted exposures.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. A means to view diagnostic images is easily accessible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. The practice maintains a radiographic log that is accessible and easily retrievable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Radiographic images are properly identified. Radiographic images have the following information on them: <ul style="list-style-type: none"> i. The name of the veterinarian or the practice name or both ii. Identification of the animal iii. The date of the radiograph iv. An indication of the left or right side of the animal v. An indication of time for sequential radiographic studies <p>The use of self-adhesive labels for the identification of radiographs is not acceptable.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. As an extension of the medical record, all diagnostic images are stored and maintained for the same length of time as the medical record. That is, 5 years after the date of the last entry in the patient's record.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Diagnostic images are securely archived or filed in a manner which preserves their quality and allows for easy retrieval.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Requirements			
	YES	NO	N/A
15. Facilities are available for transmission and distribution of copies of diagnostic images to other practices and owners. Copies of radiographs should preserve the quality of the image and prevent altering of the image.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Notes Section: Explain the equipment and supplies your facility has and how the requirements are met. What are the manufacturer's requirements or instructions for equipment service where applicable? Is your x-ray unit registered with the Ministry of Labour?</p>			