

NJDEP GUIDANCE FOR VETERINARIANS FOR THE RELEASE OF CANINES RECEIVING SYNOVETIN OA® in ELBOWS

June 1, 2022

Radiation release criteria:

Dogs may be released in the categories* listed below when the following radiation levels are reached at a distance of 1 meter, measured from the elbows receiving treatment as per the submitted measurement procedure:

“Common contact” - not to exceed 0.45 mR/hr

“Extended duration at intermediate contact” - not to exceed 0.45 mR/hr

“Extended duration at close contact” – not to exceed 0.33 mR/hr

“Prolonged close and intermediate contact” - not to exceed 0.33 mR/hr

No children of ages 5 and under may reside in the household during the treatment period.

Licensee is responsible for ensuring that dogs are released with instructions that will not cause a member of the public to exceed a dose limit of 100 mR/year per individual.

Licensee will not use this procedure to release a dog whose typical behavior patterns do not fit into the time and distance limitations listed for one of the categories described in the procedure as these categories are the only ones evaluated.

Licensee will not treat the same dog within 12 months of the injection or another dog in the same household during the year of treatment of the first dog.

The licensee shall ensure that the individuals conducting the prescreening interviews using the prescreening questionnaire submitted with the amendment request or providing instructions to the staff or clients/owners, will be trained on basic radiation safety principles and the importance of adherence to the procedures and instructions.

The licensee will retain a copy of the completed prescreening questionnaires and household instructions specifically provided to the owner(s) of the dog receiving treatment.

The licensee shall follow up with dog’s owners approximately one week after the procedure to ensure instructions are being followed and to answer any questions. The person conducting the follow up interview should be knowledgeable of the procedures, instructions and radiation safety principles. The follow up conversation shall be documented in the dog’s record.

The licensee will document and retain dose assessments made if household members indicate they have not followed written instructions per 10 CFR 20.2107.

*Categories are as determined in the NRC’s Technical Evaluation Report for Exubriion Therapeutics Proposed License Application Template for the Release of Dogs Following Treatment with a Tin-117m Colloid. October 30, 2020.