



Cool Renewal, LLC
www.cool-renewal.com



Frequently Asked Questions for Veterinarians

1. Why should I offer cryosurgical treatment in my practice?

Cryosurgery with Cool Renewal is a great alternative to scalpel removal and traditional liquid nitrogen methods for removing unwanted lumps and bumps on pets, large and small. Shorter procedure time and fewer anesthetics (if any) make cryosurgery with Cool Renewal a great alternative for pets who are not good candidates for conventional surgery due to age or other medical conditions. Treatment with Cool Renewal is non-invasive, thus minimizing pain, bleeding and complications commonly associated with scalpel removal.

2. How is Cool Renewal® different from cryosurgery with Liquid Nitrogen?

Cool Renewal cryogen is NOT liquid nitrogen. Cool Renewal uses a non-flammable, refrigerated gas that is an alternative to liquid nitrogen and freezes at -70°C / -94°F . Treatment with Cool Renewal or Liquid Nitrogen will produce the same results- freezing of tissue, tissue destruction, scabbing, sloughing of dead tissue, and new healthy tissue growth. With Cool Renewal, there is no need for a large, expensive Dewar or Cryo Gun, no scheduling the gas company for a tank refill, and most importantly, Cool Renewal does not evaporate or expire. Cool Renewal cryogen is contained in a small and portable aerosol canister, which can be disposed of as regular trash once it is empty.

3. What types of skin lesions can I treat with Cool Renewal®?

Cool Renewal can be used in small animals, large animals, and exotics for the treatment of external skin lesions. The most commonly treated lesions are: Papillomas (warts), Skin Tags, Distichia, Sebaceous Adenomas, Sarcoids, Follicular Cysts, Granulomas, and Fibroids.

4. Does treatment with Cool Renewal® require anesthesia?

The use of anesthesia is not required; however this depends on the nature of the animal being treated and the location of the skin lesions being treated. Most patients will feel a small sting as the cryogen is initially applied, but since the cryogen is so cold, the area being treated is usually numb within seconds.



5. How many treatments will I get from one Canister of Cool Renewal®?

The number of treatments per canister will vary depending on the size of the lesions you treat. Based on an average size lesion of 5mm, you should be able to get 65 or more freezes per 170mL canister of Cool Renewal. If you are treating lesions that are smaller than 5mm, you may get more than 65 freezes. If you are treating lesions that are larger than 5mm, you may get less than 65 freezes.

6. How do I apply the cryogen to the skin lesion?

Cool Renewal should never be applied without the use of a designated Cool Renewal applicator. NEVER open spray the cryogen onto skin without using an isolation funnel provided. The purpose of applicators is to protect the healthy tissue around the skin lesion being frozen. An open spray without using an applicator will result in destruction of healthy surrounding tissue. We provide 3 applicators in multiple sizes: Foam Tipped Applicators, Skin Tag Tweezers, and Plastic Isolation Funnels.

7. When should I use one applicator over another?

Foam Tipped Applicators are great for treating lesions in hard to reach areas, such as the mouth or between paw pads, or anywhere a tight seal or accumulation of cryogen cannot be achieved with an isolation funnel. Isolation funnels are good for treating fleshy tissue areas such as the torso. Isolation funnels should only be used if a tight seal and cryogen accumulation can be achieved. Skin Tag Tweezers are designed to “squeeze” any skin lesions that hang away from the body. Tweezers can be used to squeeze the entire “tag” or can be applied to the base of the stalk to destroy blood supply.

8. Do the applicators require cleaning?

All Cool Renewal applicators are disposable. Applicators can be reused multiple times on the same patient, but should be disposed of between patients to prevent cross contamination.

9. How long should I freeze each lesion?

Freezing times are based on the size and location of the skin lesion. For thin skin and sensitive areas such as the face, eyes, or ears or extremities, a freeze time of 20-25 seconds with a thaw time of 1 minute is desirable. For these sensitive areas, it is better to under-freeze versus over freeze. The treatment can always be repeated if necessary. Lesions that are 6mm or larger in size can be frozen for up to 40 seconds, with a thaw time of 1 minute. For larger, thicker lesions, up to 3 consecutive freeze-thaw cycles may be performed in the same visit, allowing a thaw time of 1 minute between each freeze.



10. I'm a first time user. Which product should I purchase first and how much does it cost?

For first time users, we suggest purchasing the Cool Renewal Starter Kit (Item J1401). This Kit will include (2) 170mL canisters of cryogen, instructions for use, practice materials, and all applicators. This kit will provide approximately 130 treatments, based on treating lesions 5mm in size. Replacement canisters and applicators may be purchased separately at a lower cost.

11. What is the shelf life of Cool Renewal®? Does it expire or evaporate?

Cool Renewal does not expire or evaporate, and has a minimum shelf life of 2 Years from the time the canister is opened.

12. How do I store my Cool Renewal® canister?

Cool Renewal canisters should be stored at room temperature, and should not be subjected to temperatures over 100°F. Since Cool Renewal is packaged in an aerosol based canister, there is a pressure release valve located on the bottom. If the canister is subjected to temperatures above 100°F, there is a chance that this valve could be activated and all cryogen will expel from the canister. If you are planning to transport the canister in hot conditions, it is advisable to place the canister in a cooler or area where temperatures do not exceed 100°F.

13. How much do veterinarians typically charge for cryosurgical treatments?

Typically, Veterinarians charge a fee of \$50-\$75 per treatment without anesthesia. If anesthesia is required, the fees range from \$150-\$200. If there are multiple lesions to be treated on one patient, some veterinarians will charge a flat fee for the first lesion (\$50), and a minimal fee (\$10-\$12) for each additional lesion.

14. Are there special shipping requirements or HAZMAT Fees?

Because Cool Renewal is a non-flammable liquefied gas, it can only be shipped by ground service, ORM-D. There are no HAZAMT fees associated with Cool Renewal. For detailed shipping information, please contact Cool Renewal, LLC directly at 615.844.0132 or info@cool-renewal.com.

15. Can I take Cool Renewal® on an airplane?

Cool Renewal CANNOT be taken onto an airplane in carry-on baggage; however it CAN be carried on an airplane in checked baggage.



16. How much revenue can I generate with Cool Renewal®?

Treatments per week	Charge	Revenue per year
1	\$50.00	\$2,600.00
2	\$50.00	\$5,200.00
3	\$50.00	\$7,800.00
4	\$50.00	\$10,400.00
5	\$50.00	\$13,000.00
6	\$50.00	\$15,600.00
7	\$50.00	\$18,200.00
8	\$50.00	\$20,800.00
9	\$50.00	\$23,400.00
10	\$50.00	\$26,000.00

Treatments per week	Charge	Revenue per year
1	\$75.00	\$3,900.00
2	\$75.00	\$7,800.00
3	\$75.00	\$11,700.00
4	\$75.00	\$15,600.00
5	\$75.00	\$19,500.00
6	\$75.00	\$23,400.00
7	\$75.00	\$27,300.00
8	\$75.00	\$31,200.00
9	\$75.00	\$35,100.00
10	\$75.00	\$39,000.00

17. Where can I find and MSDS?

An MSDS sheet is included in the instructions for use and is provided with every Kit & Replacement Canister. The MSDS sheet can also be requested by email at info@cool-renewal.com.