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GOING GREEN *Success Stories* ... actual case studies outlining successful implementations



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the
dog and animal welfare
industry

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Canine Papilloma Virus

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Curing Papilloma Virus...

... Certain viruses can cause the growth of small round skin tumors commonly referred to as warts. Even though dogs can get warts, they are not caused by the same virus that causes them in humans. These are benign skin tumors caused by the canine oral papilloma virus.

*In this case study the **Canine Papilloma Virus** was completely eliminated through using the **EnviroNize® Anolyte** solution*

Canine Papilloma Virus

Certain viruses can cause the growth of small round skin tumors commonly referred to as warts. Even though dogs can get warts, they are not caused by the same virus that causes them in humans. These are benign skin tumors caused by the canine oral **Papilloma Virus**.



Canine Papilloma Virus, more commonly referred to as dog warts, is a common virus in dogs as well as other mammals. It is typically found in the mouths of dogs and is known to be extremely painful. The virus appears as sores, or warts, that are a variety of shapes and sizes. Multiple papillomas, papillomatosis, of skin or mucosal surfaces are more common in younger animals whereas single papillomas are more common in older animals.

Dogs are more susceptible when they have weaker immune systems and because the disease is transferred orally from dog to dog, it is important to not allow infected dogs to share food bowls, drinking water and to monitor how they are interacting with other dogs in day to day encounters. The disease is spread by contact with an infected dog, but is transmissible only to dogs and not to other humans or animals.

Papilloma viruses enter canines through small wounds on the skin or mucosal surface. This is when the virus is initially attached to the host and after successful invasion of the canine body moves into the keratinocyte. In the keratinocyte the papilloma virus can replicate repeatedly and this structure can also maintain the virus genome for decades, which is problematic to the host. The canine that is infected will display warts on all mucosal surfaces, especially the mouth area.

Viral papillomas are round, but often have a rough, almost jagged surface-- like a cauliflower. They generally occur on the lips and muzzle of a young dog (typically less than 2 years of age). Less commonly, papillomas can

occur on the eyelids and even the surface of the eye or between the toes. They usually occur in groups rather than as solitary growths.

These benign tumors are not dangerous. They should go away on their own as the dog's immune system matures and generates a response against the papilloma virus. It takes between 1 and 5 months for papillomas to go away. However, some of the individual papillomas may stay permanently.

The infection is transmitted via contact with the papillomas on an infected dog and it takes about 1 to 2 months for them to appear. This virus can only be spread among dogs, though, so it is not contagious to other pets or to humans.

Meet Rueben - Male Cane Corso Suffering from Canine Papilloma Virus



EnviroNize® Anolyte was sprayed on the affected area three times daily with one (1) tablespoon of EnviroNize® Anolyte in the drinking water each day.

The warts were completely gone after four (4) weeks as noted in the pictures with no signs of returning.

Week 1		
Week 2		
Week 3		
Week 4		

Thank You! 
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Success



This testimonial was performed on my Pet - "Rueben" Patrick Huber - Owner