

# Evaluation and Comparison of the Effectiveness of VetriScience® Powdered Perio Support on the Reduction of Plaque, Calculus, and Gingivitis in Adult Dogs

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STUDY COMPLETED OCTOBER 30, 2017

## **OBJECTIVE OF STUDY:**

To demonstrate the efficacy and safety of administration of Perio Support powder to dog's food. Subject's teeth were evaluated to determine its impact on the accumulation of plaque and tartar as well as the presence of gingivitis.

## **METHOD:**

The VetriScience® Perio Support powder was evaluated using double-blinded trial protocol. A total of 20 canine (Greyhound) subjects' teeth were evaluated. Study subjects in each test group were offered the assigned control or test product twice daily during a scheduled meal feeding. Prior to the study each animal had his/her teeth cleaned, scaled and polished after which the presence of gingivitis, calculus and plaque was assessed. Evaluation of plaque, gingivitis, and calculus was completed on each animal 14 and 28 days after the initial assessment. The examination of teeth included the buccal surfaces and both sides of the mouth. Review was limited to the following 7 teeth: Maxillary Canine, Maxillary 3rd Premolar, Maxillary 4th Premolar, Mandibular Canine, Mandibular 3rd Premolar, Mandibular 4th Premolar, Mandibular 1st Molar. Experienced dental hygienists performed the scaling and scoring of the teeth. Specific criteria for evaluation are those set forth by VOHC (Veterinary Oral Health Council).

## **SUMMARY:**

Administering Perio Support powder to the dog's food twice daily at the recommended amount resulted in a significant decrease in plaque formation as well as a strong trend in the decrease of calculus formation. Results demonstrate the reduction in overall plaque by 20% and calculus by 18% in the 28 day trial when compared with the control subjects.

