ProDen DentalCare®

Technical Reference

VETERINARY ORAL HEALTH COUNCIL VOHC Accepted HELPS CONTROL TARTAR HELPS CONTROL PLAQUE ®

Powered by: ProDen PlaqueOff®

PRODEN DENTALCARE® POWDER FOR DOGS

In both conducted studies, ProDen DentalCare® Powder containing A.N ProDen™ efficiently and significantly decreased plaque and calculus accumulation as well as gingival bleeding. Based on the results of these studies the product ProDen DentalCare® Powder for Dogs was awarded the VOHC Seal of Acceptance to help control tartar and plaque.

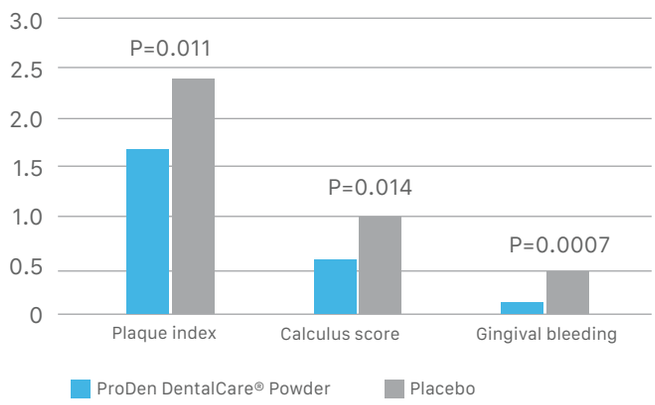
Objective
To determine the influence of the product ProDen DentalCare® Powder containing the brown algae A.N ProDen™ on plaque, dental calculus accumulation and gingival bleeding index in dogs.

Material and Methods
The studies were carried out in two groups of 30 dogs, male and female, of Cavalier King Charles Spaniel, Miniature Schnauzer, Japanese Spaniel, Corgi, Chihuahua, Yorkshire and mixed breeds. The animals were randomly subdivided into two groups receiving ProDen DentalCare® Powder, with A.N ProDen™ algae, or placebo (microcrystalline cellulose granules, without the algae).

After 30 days, a clinical evaluation of the plaque index, calculus index, and gingival bleeding index was carried out, taking into account the weight, general appearance, and blood test results of the patients.

Results
After 30 days of oral administration, ProDen DentalCare® Powder significantly reduced the accumulation of plaque and calculus as well as reduced the gingival bleeding index. The mean reduction was 32% (plaque index), 35% (calculus index) and 67% (gingival bleeding index).

Figure 1. Influence of ProDen DentalCare® Powder on plaque, calculus and gingival bleeding, results from study 2.



- Helps Reduce Bad Breath
- Helps Reduce Tartar
- Helps Reduce Plaque

Table 1. Results on dogs in study 1

	Plaque index (mean +/- SD)	Calculus score (mean +/- SD)	Gingival bleeding index (mean +/- SD)
P1 Group (Placebo)	2.207 +/- 0.5667	0.8778 +/- 0.2414	0.3852 +/- 0.2417
P2 Group (ProDen)	1.489 +/- 0.5858	0.6259 +/- 0.3863	0.1556 +/- 0.1192
Statistical test	Parametric non-paired t-test	Parametric non-paired t-test	Parametric non-paired t-test
Statistical significance (P value)	YES: 0.0020	YES: 0.0411	YES: 0.0026
Difference between P2 vs P1 (%)	32%	28%	59%

Table 2. Results on dogs in study 2

	Plaque index (mean +/- SD)	Calculus score (mean +/- SD)	Gingival bleeding index (mean +/- SD)
P1 Group (Placebo)	2.396 +/- 0.9595	0.9815 +/- 0.5385	0.4111 +/- 0.2847
P2 Group (ProDen)	1.633 +/- 0.4999	0.563 +/- 0.3099	0.1037 +/- 0.1292
Statistical test	Parametric non-paired t-test	Parametric non-paired t-test	Parametric non-paired t-test
Statistical significance (P value)	YES: 0.0108	YES: 0.0144	YES: 0.0007
Difference between P2 vs P1 (%)	31%	42%	74%

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