ProDen DentalCare®

Technical Reference

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

Powered by: ProDen PlaqueOff®

PRODEN DENTALCARE® POWDER

FOR CATS

In both conducted studies, ProDen DentalCare® Powder for Cats 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 Cats was awarded the VOHC Seal of Acceptance to help control tartar and plaque.

Objective

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

Material and Methods

60 client owned cats of different breeds, both males and females. The animals were randomly subdivided into two groups receiving ProDen DentalCare® Powder Cat, with A.N ProDen™ algae, or placebo (cellulose powder). Length of study was 30 days.

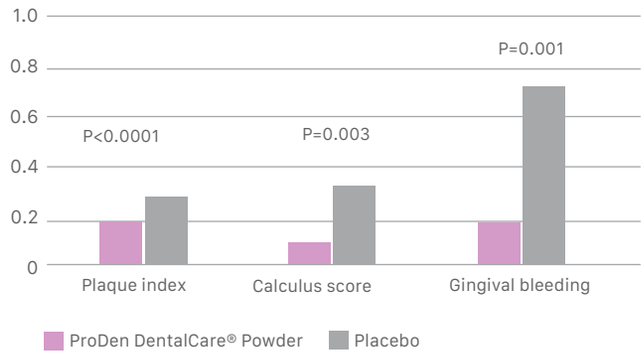
The following indices on Day 30 were measured: plaque index by multiplication of separately measured plaque coverage (CO) and plaque thickness (TH), calculus score and gingival bleeding index (GBI).

Result

After 30 days of oral administration, ProDen DentalCare® Powder Cat significantly reduced the accumulation of plaque and calculus as well as reduced the gingival bleeding index. The mean reduction was 37% (plaque index), 67% (calculus index) and 61% (gingival bleeding index).

Figure 1.

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



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

Table 1. Results on cats in study 1

	Plaque index (mean +/- SD)	Calculus score (mean +/- SD)	Gingival bleeding index (mean +/- SD)
P1 Group (Placebo)	0.2886 +/- 0.4969	0.3286 +/- 0.2035	0.7476 +/- 0.5578
P2 Group (ProDen)	0.1905 +/- 0.3179	0.1381 +/- 0.09907	0.2000 +/- 0.1537
Statistical test	Parametric non-paired t-test	Parametric non-paired t-test	Parametric non-paired t-test
Statistical significance (P value)	YES: <0.0001	YES: 0.0029	YES: 0.0010
Difference between P2 vs P1 (%)	34%	78%	73%

Table 2. Results on cats in study 2

	Plaque index (mean +/- SD)	Calculus score (mean +/- SD)	Gingival bleeding index (mean +/- SD)
P1 Group (Placebo)	3.110 +/- 0.5739	0.3714 +/- 0.1932	0.6333 +/- 0.5192
P2 Group (ProDen)	1.886 +/- 0.3271	0.1619 +/- 0.09532	0.2296 +/- 0.1638
Statistical test	Parametric non-paired t-test	Parametric non-paired t-test	Non-Parametric Mann-Whitney test
Statistical significance (P value)	YES: <0.0001	YES: 0.0008	YES: 0.0179
Difference between P2 vs P1 (%)	39%	56%	48%

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