ORAVET®

DENTAL HYGIENE CHEWS

Serious Oral Care Made Simple®

Features/Functions:

- Delmopinol creates a barrier that inhibits bacterial attachment, the development of plaque biofilms, and the production of the volatile sulfur compounds of halitosis.
- Each daily chew releases delmopinol, which has been used for years in a human oral rinse.

Benefit:

Prevents bacterial attachment – demonstrated in in vitro laboratory studies[1,2]

Features/Functions:

- **Disrupts the plaque matrix:** The quick-melt formulation of ORAVET Dental Hygiene Chews releases delmopinol throughout the mouth, reducing the viscosity of bacterial proteins[3] and the surface tension between the plaque and tooth enamel.
- **Removes plaque and calculus:** The scrubbing action of the chew works in parallel with delmopinol to effectively remove plaque and calculus.

Benefit:

Reduces existing plaque – through effective mechanical action

Features/Functions:

- **Highly dissolvable:** Demonstrated in in vitro canine digestion models.[4]
- Available in 4 low-calorie sizes.

Benefit:

Easy to give – for dogs 6 months of age or older

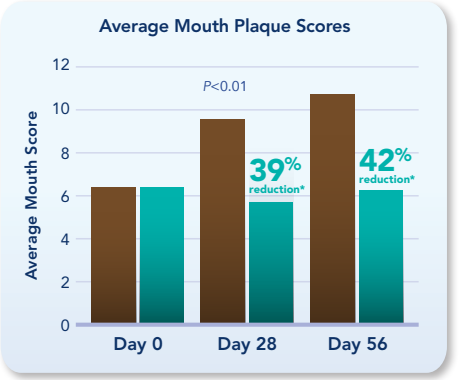
NA16ORAVETSOUNDBYTE (12/16)

1. Vassilakos N, Arnebrant T, Rundegren J. In vitro interactions of delmopinol hydrochloride with salivary films adsorbed at solid/ liquid interfaces. *Caries Res.* 1993;27:176-182.
2. Steinberg D, Beeman D, Bowen W. The effect of delmopinol on glucosyltransferase adsorbed on to saliva-coated hydroxyapatite. *Archs Oral Biol.* 1992;37:33-38.
3 Rundegren J. and Arnebrant T. Effect of delmopinol on the viscosity of extracellular glucans produced by Streptococcus mutans. *Caries Res.* 1992;26(4):281-285.
4 Data on file at Merial.

Sound Byte

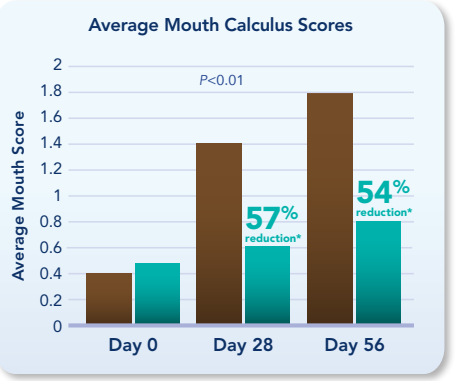
Block Plaque, Calculus, and Halitosis with the Science of Proven Prevention

- A statistically significant (P<0.01) reduction in plaque was recorded for the dogs offered the delmopinol-coated chew compared to the dogs that received the dry diet only. On day 56, the mean mouth plaque reduction of dogs offered the delmopinol chew was 42.1% when compared to the control group. [3]

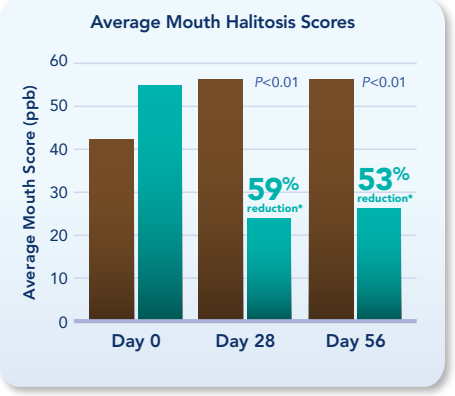


Scoring for plaque reduction based on the combined scores of gingival and occlusal halves (eg, whole tooth) at Days 28 and 56.

- A statistically significant (P<0.01) reduction in calculus was recorded for the dogs offered the delmopinol-coated chew compared to the dogs that received the dry diet only. On day 56, the mean mouth calculus reduction of dogs offered the delmopinol chew was 53.8% when compared to the control group.[3]



- A statistically significant (P<0.01) reduction in halitosis was recorded for the dogs offered the delmopinol-coated chew compared to the dogs that received the dry diet only. On day 56, the mean mouth halitosis reduction for dogs offered the delmopinol chew was 52.5% when compared to the control group.[3]



Dry Diet Alone

Dry Diet + **OraVet** Dental Hygiene Chews†

Study Design: Study dogs underwent a dental scaling and polishing 7 days prior to the start of the study. On study Day 0, halitosis, plaque, and calculus were evaluated, and dogs were stratified by their baseline plaque scores into 3 groups to receive:
1) Dry diet alone, 2) Dry diet and an uncoated chew, and 3) Dry diet and a delmopinol-coated chew. Each dog underwent another dental cleaning and polishing to ensure a clean mouth at the start of the test phase (56-day study period). Outcome measures (eg, plaque and calculus formation and halitosis) were evaluated at Days 28 and 56.[3]

† Study was conducted with a prototype dental chew.

3. Rundegren J. and Arnebrant T. Effect of delmopinol on the viscosity of extracellular glucans produced by Streptococcus mutans. *Caries Res.* 1992;26(4):281-285.

Sound Byte
CHECK-OFF & ECHO NOTES

Start an Effective Team to Pet Owner Conversation

If engaging in an initial diagnosis, start with:

Ms. Jones, it looks like Spot is showing signs of plaque build-up and bad breath.

State the Solution

Giving Spot ORAVET Dental Chews once daily will make it easy to block plaque, calculus, and halitosis.

Make Your Recommendation

I recommend ORAVET for Serious Oral Care Made Simple®. Do you have any questions?