

Veterinary Oral Health Council

- Followed VOHC guidelines for anti-plaque chemical agent – www.vohc.org
- Clean Mouth Model
 - Two double blind, placebo-controlled and diet-controlled clinical trials
 - 28 days in duration; 20-25 dogs (mixed breeds) per trial
 - Plaque scored by a trained Veterinarian
- Iodine is a nutritional requirement and generally regarded as safe (GRAS)
- Dose is within nutritional range (1.0 µgm/ml)

VOHC Study – Plaque Staining



Placebo



Molecular Iodine Treated

Plaque visualized with disclosing solution.

Representative data at Day 28 of study

(See reverse side for actual study results)

VOHC Overall Study Results

Study 1

- Well tolerated; kenneled dogs
- 47% plaque reduction
- statistically significant $p > 0.01$

Study 2

- Well tolerated; kenneled and home dogs
- 41% plaque reduction
- statistically significant $p > 0.0001$



**APH received
VOHC Seal**

**American Veterinary
Dental Society
ratification**

Novel approach to control plaque accumulation

- Significantly decreased plaque (41 – 47%)
- Malodor/bad breath eliminated in treated dogs
- Complements mechanical cleansing approaches including brushing and dental chews
- No change in thyroid hormones after 28 days

COMPARED TO

Tooth brushing effect on plaque (Harvey 2015 J Vet Dent)

- Every other day brushing decreased plaque by 24.8%
- Weekly brushing decreased plaque by 9.9%

Conclusion: Daily intake of a molecular iodine water additive was much more effective than brushing either every other day or weekly... with much greater patient compliance.