

## VDOS Clinical Rounds/Journal Clubs (Evidence-Based Oral Hygiene)

Publications discussed on February 18, 2022 and February 19, 2022

### Tooth Coating (Barrier Gels/Dental Sealants)

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- Sitzman C. Evaluation of a hydrophilic gingival dental sealant in beagle dogs. *Journal of Veterinary Dentistry* 2013; 30: 150-155.
- Smith MM, Smithson CW. Dental wax decreases calculus accumulation in small dogs. *Journal of Veterinary Dentistry* 2014; 31: 26-29.

### Tooth Brushing

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- Milella L, Beckman B, Kane JS. Evaluation of an anti-plaque gel for daily tooth brushing. *Journal of Veterinary Dentistry* 2014; 31: 160-167.
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- Olsén L, Brissman A, Wiman S, Eriksson F, Kaj C, Brunius Enlund K. Improved oral health and adaptation to treatment in dogs using manual or ultrasonic toothbrush or textile of nylon or microfiber for active dental home care. *Animals* 2021 Aug 24;11(9):2481. doi: 10.3390/ani11092481.
- Rooney NJ, Wonham KL, McIndoe KS, Casey RA, Blackwell EJ, Browne WJ. Weekly and daily tooth brushing by care staff reduces gingivitis and calculus in racing greyhounds. *Animals* 2021 Jun 23;11(7):1869. doi: 10.3390/ani11071869.

#### Oral Gels, Rinses, Sprays, Dentifrices, Ointments, and Capsules

- Hull PS, Davies RM. The effect of a chlorhexidine gel on tooth deposits in Beagle dogs. *Journal of Small Animal Practice* 1972; 13: 207-212.
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#### Dry Food, Mixed Food, Soft Food, Dental Diets, and Home-Prepared Diets

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#### Comparing Tooth Brushing with Dental Diets or Dental Chews

- Garanayak N, Das M, Patra RC, Biswal S, Panda SK. Effect of age on dental plaque deposition and its control by ultrasonic scaling, dental hygiene chew, and chlorhexidine (0.2%w/v) in dogs. *Veterinary World* 2019; 12: 1872-1876.
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#### Dental Chews

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- Ingham KE, Gorrel C, Bierer TL. Effect of a dental chew on dental substrates and gingivitis in cats. *Journal of Veterinary Dentistry* 2002; 19: 201-204.
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#### Risks from Chewing on Objects

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#### Food and Water Additives

- Clarke DE. Drinking water additive decreases plaque and calculus accumulation in cats. *Journal of Veterinary Dentistry* 2006; 23: 79-82.
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#### Home Oral Hygiene Attitude

- Miller BR, Harvey CE. Compliance with oral hygiene recommendations following periodontal treatment in client-owned dogs. *Journal of Veterinary Dentistry* 1994; 11 (1): 18-19.
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#### Reviews

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- Roudebush P, Logan E, Hale FA. Evidence-based veterinary dentistry: a systematic review of homecare for prevention of periodontal disease in dogs and cats. *Journal of Veterinary Dentistry* 2005; 22: 6-15.