

Periodontal disease is a very common and serious disease of adult dogs and cats.^{1,2} Periodontal disease is an infection caused by bacteria in the biofilm (dental plaque) that forms on oral surfaces.¹ Left untreated, periodontal disease leads to oral pain, dysfunction, and tooth loss. A pet that has periodontal disease cannot truly be healthy. Compromised dental health impacts a pet's overall health, longevity, quality of life, and interaction with its owner; even if obvious clinical signs of disease are not noticed by the owner.³ Systemic effects result from bacteremia and chronic systemic release of inflammatory mediators and bacterial degradation byproducts. Maintaining oral health is dependent upon professional periodontal management combined with appropriate, effective home care.

Every pet that visits the veterinary hospital should have an oral examination. The veterinary healthcare team typically relies upon a thorough yet rapid visual inspection of the oral cavity to assess the patient's oral health. However, periodontal disease may not be readily observable in an awake examination, and pet owners often underestimate the amount of dental disease in their pet.⁴ Thus, it is challenging for the veterinary team to communicate the importance of routine prophylaxis, treatment, and home care to clients.

Since visual examination of the oral cavity does not disclose the full extent of progressive periodontal disease, use of OraStripdx as part of routine patient work-up can detect thiol concentrations that reflect active periodontal disease. OraStripdx is a point-of-care in vitro test for the semiquantitative detection of oral thiols in dogs. The concentration of thiols in canine oral fluids has been shown to be directly related to the progression of periodontal disease.⁴⁻⁶ OraStripdx may be routinely incorporated into wellness exams in conjunction with diagnostic tests such as fecal, heartworm and blood work.⁴⁻⁶



Intended Use

- Use OraStripdx in conjunction with routine oral examinations in the awake patient during wellness exams for the detection of thiols associated with periodontal disease.
- For dogs with a positive (+, ++, or +++) OraStripdx test result, a Dental Care Plan (dental diagnostic evaluation; therapeutic and home care regimens) should be recommended and discussed with the client.
- Record result in the patient's medical record
- Retest patient at least once every year, and preferably every 3-6 months.
- Continually compare OraStripdx test results to monitor the progression of periodontal disease and to assess the effectiveness of the Dental Care Plan.

Directions for Use

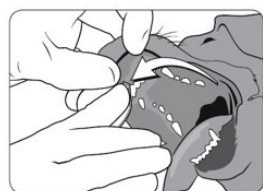


1

- > PLACE YOUR INDEX FINGER BEHIND THE NON-PAD SIDE OF THE ORASTRIP TEST.

2

- > GENTLY LIFT DOG'S UPPER LIP.



3

- > GENTLY GLIDE PAD ALONG ENTIRE MAXILLARY FACIAL GINGIVAL MARGIN, WHERE THE GUMS MEET THE TEETH.

4

- > WAIT 10 SECONDS. COMPARE COLOR DEVELOPED ON THE PAD TO COLORS ON THE VIAL LABEL.



References

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3. Bellows J, Berg ML, Dennis S, Harvey R, Lobprise HB, Snyder CJ, Stone AES, Van de Wetering AG. 2019 AAHA Dental Care Guidelines for Dogs and Cats. *J Am Anim Hosp Assoc*. 2019 Mar/Apr;55(2):49-69.
4. Queck KE, Chapman A, Herzog LJ, Shell-Martin T, Burgess-Cassler A, McClure GD. Oral-Fluid Thiol-Detection Test Identifies Underlying Active Periodontal Disease Not Detected by the Visual Awake Examination. *J Am Anim Hosp Assoc* 2018; 54:132-137.
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6. Goldstein G, Chapman A, Herzog L, McClure GD (2016) *J Veterinar Sci Techno*. 7:1-4;