



Animal Dental Care

Ian J. Haws, DVM, FAVD, DAVDC

SMALL ANIMAL DENTISTRY: FIFTY KEY QUESTIONS

Introduction

1. **What is veterinary dentistry and what are its goals?**

Module 1

Oral and Dental Anatomy and Nomenclature

2. **What are the clinically important structures of the oral cavity for dogs and cats?**
3. **What is a normal bite or occlusion for dogs and cats?**
4. **What is the anatomy and physiology of the teeth for dogs and cats?**
5. **How are the anatomic and the modified Triadan nomenclature systems used for naming permanent and deciduous teeth for dogs and cats?**
6. **What directional terminology is used for teeth?**

7. **What are the normal root numbers for permanent canine and feline teeth?**
8. **What are the eruption times for deciduous and permanent teeth for dogs and cats?**
9. **What are the dental formulas for deciduous and permanent dentition for dogs and cats?**

Module 2

Oral Examination and Pathology

10. **What are the steps in an oral examination?**
11. **What are the types of malocclusion seen in dogs and cats?**
12. **What is tooth resorption in cats and what are the treatment options?**
13. **What is stomatitis in cats and what are the treatment options?**
14. **What is periodontal disease and what is its etiology in dogs and cats?**

Module 3

Periodontal Therapy

15. **What is a professional dental cleaning and assessment and what are its benefits?**

16. When is a professional dental cleaning and assessment indicated?
17. How are a dental scaler and curette used in a professional dental cleaning and assessment?
18. What are the steps in a professional dental cleaning and assessment?
19. What other treatment options are available for periodontal disease?
20. When and how should antibiotics be used in treating oral/dental disease?

Module 4

Oral Radiography

21. What are the indications for oral radiography?
22. What equipment and materials are recommended for oral radiography?
23. When is the parallel technique used in oral radiography for dogs and cats?
24. What is the goal of the bisecting angle technique in oral radiography, and how is it used?
25. How are dental films and plates processed and archived?

Module 5

Local Anesthesia and Pain Management

26. Why should local anesthesia be used for veterinary dental patients and when should this be placed?
27. What are the current local anesthetic agents of choice for dogs and cats?
28. What are the recommended doses of the local anesthesia agents and what are their durations of action?
29. What local anesthesia blocks are indicated, and how are they placed for dogs and cats?
30. Are postoperative analgesics needed in addition to local anesthesia?

Module 6

Principles of Extraction

31. What are the indications and contraindications for dental extractions for dogs and cats?
32. What are the steps in simple and surgical extractions of teeth?
33. When is a mesial releasing incision indicated in a flap design for dental extractions?
34. When is a distal releasing incision indicated in a flap design for dental extractions?

35. When is an envelope flap without a releasing incision indicated for dental extractions?

Module 7

Advanced Oral and Dental Procedures

- 36. What are the indications for endodontic therapy for dogs and cats?**
- 37. What are the indications for crown restorations for dogs and cats?**
- 38. What types of crowns are recommended for dogs?**
- 39. How many procedures are needed for a crown restoration?**
- 40. What techniques are recommended for oral fracture repair avoiding root and nerve trauma?**
- 41. What are the indications for orthodontic therapy for dogs and cats?**
- 42. What are the most common oral tumors in dogs?**
- 43. What are the most common oral tumors in cats?**
- 44. What are the treatment options for oral tumors in dogs and cats?**
- 45. When is resection of an oral tumor contraindicated?**

Module 8

Dental Home Care

46. What dental home care is recommended for dogs?
47. What dental home care products are recommended for dogs?
48. What dental home care is recommended for cats?
49. What dental home care products are recommended for cats?
50. What dental home care products are not recommended for dogs?