

Professional Dental Cleaning - Performing Periodontal Therapy

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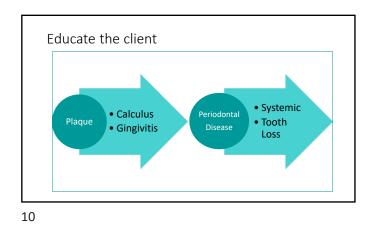
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Comprehensive Oral Health Assessment and Treatment (COHAT)

Assessment of the whole mouth
 oral exam

• dental X-ray

Patient's overall healthTreatment plan created





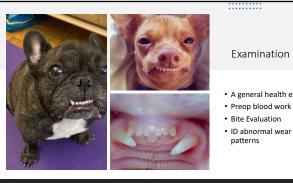




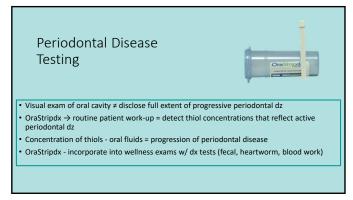


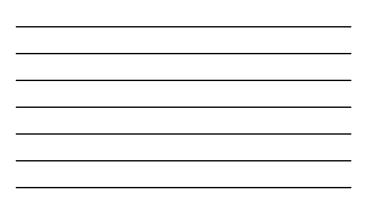
Oral Examination

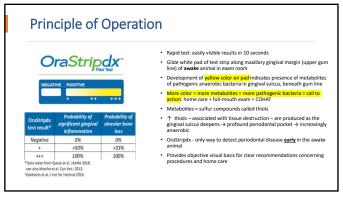
- Conscious
- Signs = oral disease
 Abnormal medical record Conscious oral evaluation → opportunity
 demonstrate oral pathology
 educate client - treatment options
- Spectrum of treatment options → gathered rads & anesthetized oral exam
- Discuss findings → client = treatment

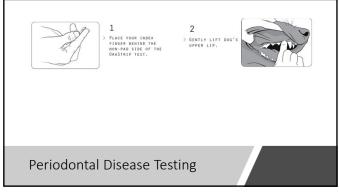


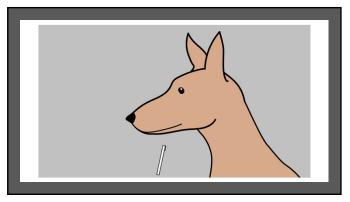
- A general health exam Preop blood work





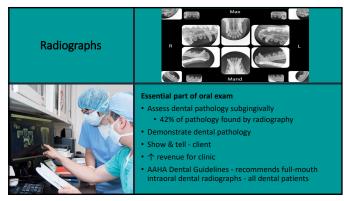








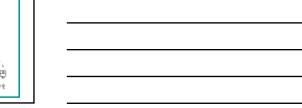




Charting

- Keep a record of patient oral health
- Track changes in oral health status
- Record of treatment Legal document
- Legal document





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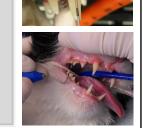






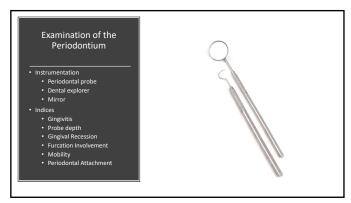
Periodontal Probes

- Normal sulcal depths:
 - Dogs are 0 mm to 3 mm
 - Cats are 0 mm to 0.5 mm
- Periodontal dz cannot accurately dx w/o periodontal probe \rightarrow sulcal depth & IDs pockets.
- Careful probing & dental radiographs = critical to accurate assessment of periodontal health

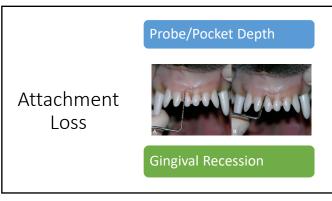


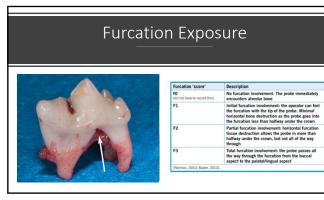
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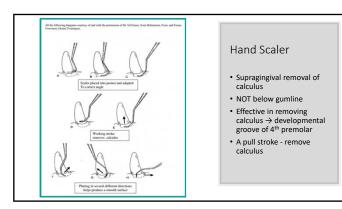


Removal of Gross Calculus



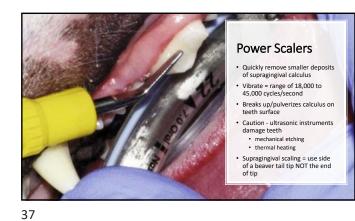
- Fairly quick method
- Longer tip placed over the crown, the shorter under the calculus
- Calculus cleaved off when tips brought together
- Avoid damage to enamel and gingivaAvoid iatrogenic slab fracture

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Curette Curette Two sharp sides with blunt tip Remove calculus above & below gingiva Subgingival curettage Root planing



Grasp

- Grasped lightly
- Feel balanced in hand
- Handpiece = work
- Balance on index/middle finger
- Modified pen grasp most important w/ hand instruments
 To ↓ stress on hand from the pull on handpiece cord → loop cord over little finger

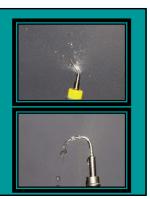


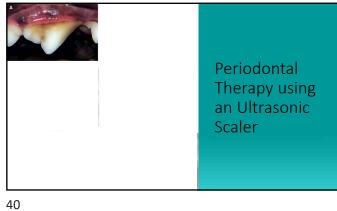


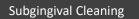
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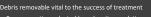
Water Flow

- Water flow ↓overheating of teeth & damage to pulp
- Broad-based, beaver-type inserts = ample supply of water for irrigation
- \downarrow water cool smaller tips Water flow → adjusted to smaller halo, almost a drip- to cool the tip









- Proper curette selected based on its angulation \downarrow number - less the angle - further rostral in the mouth
- face of curette
 placed flat against surface of tooth
 inserted gently to the base of the sulcus/pocket
- instrument rotated shaft is parallel to the long axis of tooth

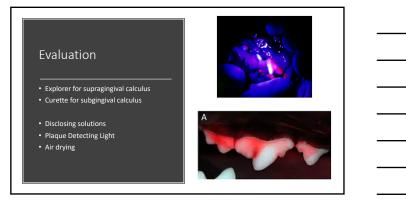


Subgingival Cleaning

Debris removable vital to the success of treatment

- Traditional ultrasonic scalers ≠ used subgingivally = thermal damage to gingiva and pulp.
- sonic & ultrasonic scalers with specialized periodontal tips → subgingival use







- Scaling = rough surface = ↑ plaque attachment
 Polishing smooth tooth surface ↓ plaque attachment
- Prophy cup on a slow-speed hand-piece with a 90-degree angle
- Slight pressure → tooth to flare prophy cup edges → polish subgingival
- 5 second/tooth



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Sulcal Lavage

- Debris = calculus, prophy paste Visible deposits & microscopic debris
- \rightarrow infection; inflammation
- Gentle lavage
- Performed w/ blunt ended cannula placed gently into the sulcus
 solution is injected - slowly moving along the arcades
- Sterile saline
- 0.12% Chlorhexidine solution



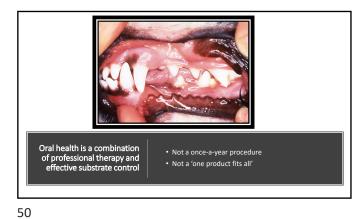


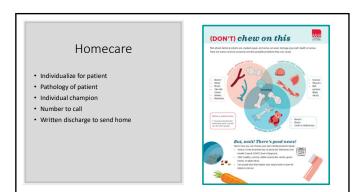






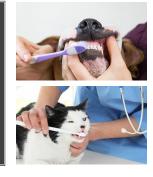






Homecare

- Volo standard
 Tooth brushing
 Circular motion w/brush at 45° angle to gingival margin
 Ideal 1x/day
 3 days/week minimum
 Periodontal disease = daily brushing
- Rinse w/ chlorhexidine solution ↓ gingivitis



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