



Canine Root Canal Therapy

The Benefits of using KonKure

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Canine Root Canal Therapy

- Canine root canal therapy (RCT) presents some unique and challenging technical issues to the veterinary dental specialist and general veterinary practice
- RCT in dogs and cats can save the 8 most functional teeth in dogs and the canine teeth in cats
- A compromised pulp should have RCT in order to maintain function
- Ensuring adequate pulp extraction, shaping, filing and sterilization prior to root canal sealer application
- RCT is done under general anesthesia in both species and can be accomplished expeditiously



Canine Root Canal Therapy

- Due to the requirement of general anesthesia, it is best to accomplish a RCT in one procedure, both for the health of the companion pet and cost involved
- KonKure allows the RCT to be accomplished in one procedure due to its hemostatic and sterilizing properties
- There are many other advantages of KonKure due to its physical and non-biologic properties (eradication of biofilm, post inflammatory markers, debridement, etc.)
- The current standard of care using sodium hypochlorite (Bleach) alone does not control hemostasis as well as KonKure and may require an additional procedure

Mechanical Obturation

- Using a barbed broach to remove the pulp
- The root canal files clean and shape the canal
- Hemorrhage is quite common while doing the procedure



Application of KonKure

- KonKure is applied to the surrounding gingiva and prepared cavity to sterilize the working areas
- KonKure is delivered to the apex via paper point for 30 seconds
- This is repeated until hemorrhage is completely controlled



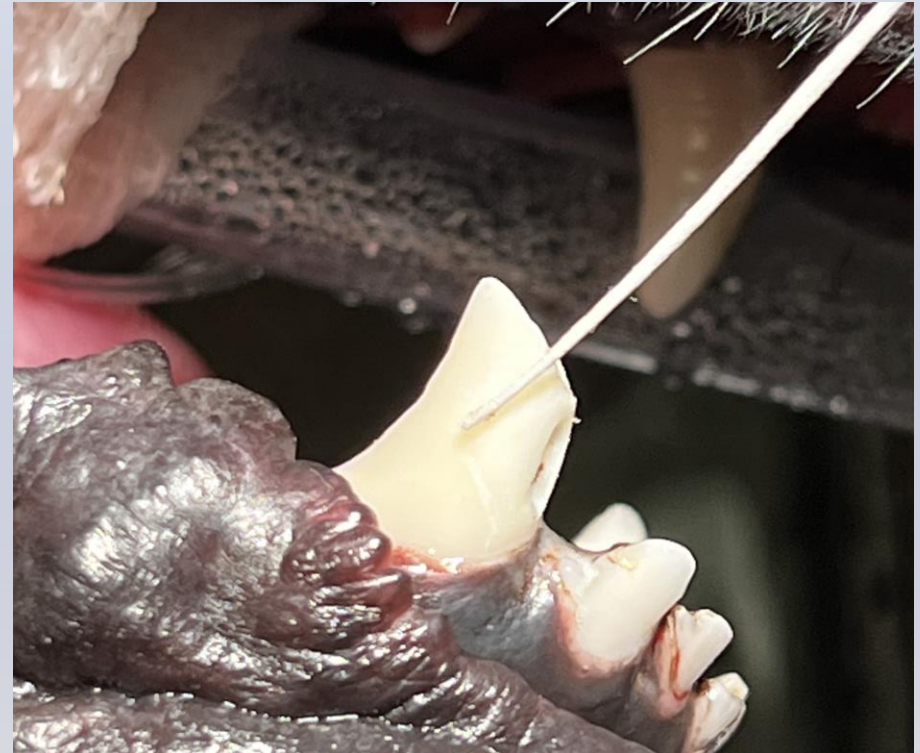
Post KonKure Application

- Note the paper point has controlled the hemorrhage with the applications of KonKure
- It is now safe to complete the procedure with a composite crown



Post KonKure Application

- Another image of the arrested hemorrhage from the mechanical obturation procedure
- KonKure can now be used to cleanse the root canal area and crown prep for the composite
- Apply KonKure for 30 Sec, flush with saline
- Finish the composite



Completed Root Canal Therapy

- A completed root canal therapy and composite crown
- One procedural time under general anesthesia due to hemorrhage mitigation
- KonKure enabled the procedure to be successful completed in one treatment





Summary of RCT with KonKure

- Two major factors that lead to Root Canal Therapy failure
 - Not thoroughly instrumenting, cleaning and sterilizing the canal
 - Remaining microbes present when prepping and applying the composite crown
- KonKure allows for hemorrhage control and sterilization concurrently
- KonKure eliminates biofilm and infectious agents that can lead to post treatment failure
- This is a significant advancement in veterinary dental care