



ENDODONTIC TREATMENTS WITH NOVAMIN®

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Summary:

Calcium hydroxide has been the material traditionally used in both apexogenesis and apexification procedures. In the pulp capping and vital pulpotomy procedures, calcium hydroxide has been used to facilitate pulpal healing in the vital immature tooth. In apexification, this material stimulates root end closure in the non-vital immature tooth. In this study group, fifteen canine teeth were treated with NovaMin® in the vital pulpotomy category and five were treated with the same material for apexification purposes. All vital pulpotomy patients showed radiographic evidence of successful treatment between 60-120 days post-placement with no failures. The apexification cases were examined radiographically and by tactile testing prior to final obturation (60-120 days post-material placement). All were confirmed successful. Three of the five apexification procedures with NovaMin® replacement had failed earlier calcium hydroxide apexification attempts. With NovaMin®, an apparent osteoid-reaction at the terminal apex was evidenced within ninety to one hundred and twenty days. All cases are on recall for follow up radiology interval evaluation for up to twenty-four months post treatment.

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