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Nonsurgical Root Canal Therapy of Large Cyst-like Inflammatory Periapical Lesions and Inflammatory Apical Cysts

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DESCRIPTION

Treatment of periodontal cysts generally involves surgical excision, aiming to completely remove the cystic lesion and surrounding inflamed tissue to prevent recurrence. The surgical approach may vary depending on the size, location, and extent of the cyst, but it often involves enucleation or marsupialization techniques. In some cases, endodontic treatment of the affected tooth may be necessary if the cyst has caused damage to the tooth's root. The fabrication process of dental prostheses involves several stages, starting with a comprehensive dental examination and treatment planning. Impressions, bite registrations, and shade selection are then taken to create accurate replicas of the patient's oral structures. Using these records, dental technicians fabricate the prosthetic devices in a dental laboratory, meticulously crafting them to achieve optimal fit, aesthetics, and functionality. Finally, the prostheses are delivered to the patient, and adjustments are made as necessary to ensure comfort and proper function. Prognosis following treatment of periodontal cysts is typically favorable, with low rates of recurrence reported in the literature. However, regular follow-up appointments and radiographic evaluations are essential to monitor for any signs of recurrence or complications. In summary, periodontal cysts represent intriguing entities within the realm of dental pathology. Their etiology, clinical presentation, diagnosis, and treatment underscore the importance of interdisciplinary collaboration and evidence-based practice in dentistry. By staying abreast of current knowledge and advancements in the field, dental practitioners can effectively manage periodontal cysts and provide optimal care for their patients' oral health and well-being. Periodontal cysts are cystic lesions that occur in the jawbone, typically near the roots of teeth. They are considered to be odontogenic cysts, meaning they originate from tissues related to tooth development. These cysts often develop as a result of inflammation or infection within the periodontal ligament, which is the tissue that surrounds and supports the teeth. Periodontal cysts are sac-like structures filled with fluid that develop in the jawbone, specifically in the periodontal ligament, which surrounds and supports the teeth. These cysts are considered to be one of the most common types of odontogenic cysts, meaning they originate from tissues involved in tooth development. Maintaining good oral hygiene practices and attending regular dental check-ups are important for detecting any oral health issues, including cysts, early on. Early detection and treatment can help prevent complications and ensure optimal outcomes. These cysts often form as a result of inflammation, trauma, or infection within the periodontal ligament. They are typically discovered incidentally during routine dental examinations or through dental imaging such as X-rays. While they are usually asymptomatic, they can sometimes cause swelling, discomfort, or even drainage of pus if they become infected.

CONCLUSION

This procedure is usually performed by an oral and maxillofacial surgeon or a periodontist. After removal, the area may require further monitoring to ensure complete healing and to detect any potential recurrence of the cyst. It's important for individuals to maintain good oral hygiene and attend regular dental check-ups to detect any oral health issues, including cysts, early on. Early detection and treatment can help prevent complications and ensure optimal outcomes.

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CONFLICTS OF INTEREST

The authors declare that they have no conflict of interest.

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