



Napoli

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## Abstract delle Comunicazioni XX Congresso Nazionale Società Italiana Chirurgia Maxillo-Facciale

Complesso Universitario Scuola di Medicina e Chirurgia Federico II  
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## Inflammatory odontogenic cysts: diagnosis and protocol of treatment

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Inflammatory odontogenic cysts are benign osteolytic asymptomatic lesion of jaws but, depending on the size, they can destroy the surrounding bone and let it infected. They are classified into periapical, lateral cyst and residual cyst which need a source of infection to proliferate. Inflammatory odontogenic cysts, specially periapical cysts, arise from proliferation of epithelium remnants around apices of non vital teeth, as a result of an inflammatory response to necrotic pulp and chronic infection.

The aim of this work, based on the clinical analysis and literature review, is to deepen the knowledge regarding the types of inflammatory odontogenic cysts and clarify the correct protocol of diagnosis, odontoiatric and surgical treatment, demonstrating the importance of long-term teamwork of the dentist and oral surgeon in resolving each individual case.

When the Maxillo-Facial Surgeon is in front of the a inflammatory odontogenic cyst is very important that he knows the vital state of the teeth involved into the lesion, deciding, with the support of the endodontis's work, the best way of treatment, doing endodontical procedures, or apicoectomy of the tooth, or excision of the bone lesion or the avulsion of the tooth.

If these lesions are not successfully endodontically treated, apicoectomy and retrograde endodontical treatment of the involved teeth have to be performed, associated with the excision of the cysts. If the tooth couldn't be saved, his avulsion has to be done causing in the patient aesthetic, functional, and psychological problems, particularly if the anterior region is involved. The knowledge the of the correct clinical and radiographic diagnosis, the application of a protocol of treatment of the teeth involved into the bone lesions during the surgery, in a multidisciplinary management, let to the resolution of the inflammatory cyst, with excellent bone healing, improving the percentage of success of the procedures and avoiding the relapse of disease and the failure of our work