

# Management of a Peripheral Giant Cell Granuloma in the esthetic zone of upper jaw: A case report

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## Abstract

### Introduction:

The peripheral giant cell granuloma (PGCG) or the so-called “giant cell epulis” is one of the most common oral giant cell lesions. It occurs in response to chronic local irritation, and originates from mucoperiosteum or the periodontal ligament. This article presents the clinical and histopathological findings of PGCG in the esthetic zone in a 26 years old female patient. The treatment plan consisted of an excisional biopsy with immediate soft tissue grafting by placement of a free gingival graft in order to prevent esthetic complications. The six-month clinical follow-up showed no recurrence of the lesion and soft issue healing. Proper management of a PGCG lesion requires eliminating other pathologies prior to planning for surgery. Correct diagnosis of such lesions is essential to optimize the treatment and prevent recurrence. Clinical examination alone may not give a correct picture, thereby requiring histopathological confirmation. Immediate soft tissue augmentation using free gingival graft has been suggested as a surgical solution after removal of PGCG when soft tissues and the whole attached gingiva is lost.

### Keywords:

Gastrointestinal Tract, Esthetics, Granuloma, Giant Cell

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