

Poster presentation

Bone regeneration after removal cystic lesions in maxilla – case report

Papakoca Kiro^{1*}, Dimova Cena¹, Filipovski Vlatko ², Papakoca Velko³

¹*University “Goce Delcev” Faculty of Medical Sciences, Study of General Stomatology– Shtip, R. Macedonia¹*

²*PHO “Dr. Filipovski” – Vinica, R. Macedonia²*

³*PHO “Dent Estet” – Shtip, R. Macedonia³*

Key words:

Apical resection, augmentation, bone substituent

Introduction:

Radicular cyst extension can result with significant alveolar ridge destruction. One of the therapy options after apical resection and cystectomy is to completely fill the alveolar ridge damage with bone synthetic substituent. The aim of this study was to present the advantage of ridge augmentation after apical resection and cystectomy.

Case report and result:

A female patient (age 46) with diagnosis of radicular cyst (10mm) on the left first and second maxillary incisor. Apicoectomy and cystectomy were made with placing bone synthetic substituent in the alveolar ridge. After 4 months new aesthetic restorations were made.

Conclusions:

The reconstruction of jaw bone tissues and the procedure of bone ridge augmentation are necessary in the ordinary oral surgery interventions. When sufficient bone volume will compromise the final aesthetic restoration, then augmentation of the alveolar ridge is method of choice for most of the patients.

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