Radiographic evaluation of corals vs. autogenous bone graft for filling cavities of large enucleated cysts of the jaws

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Abstract

This study included 21 patients of both sexes (13 males & 8 females) aged 20 - 46 years, they were divided into 3 groups, each group contained 7 Patients. All patients in all groups were selected to have large cystic cavities in their dental arches of different etiological factors, ranged in diameter 1 - 2.5 cm. and not approaching any vital structures, they underwent surgical enucleations of these cystic cavities, Patients of group (I) have received autogenous bone grafts that were harvested from the chin to fill the residual spaces of the cysts, wile Patients in group (II) have received bone substitute in form of Algipore granules that were packed inside the bony cavities of enucleated cysts till complete filling, and the Patients in group (III) have not received any grafting materials after cysts enucleations.

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