

PRIMARY RECONSTRUCTION OF THE MANDIBULAR CONTINUITY DEFECTS USING VASCULARIZED AND NONVASCULARIZED BONE AUTOGRAFTS :A COMARATIVE STUDY

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بحث اكلينيكي لمقارنة الرقعة العظمية الذاتية المتصلة بأوعيتها الدموية والغير متصلة في الترقيع الأولى للأجزاء الناقصة من الفك السفلى .

ABSTRACT :

Segmental continuity defects of the mandible may occur after trauma , infection or tumor resection surgery .Therefore , it was thought desirable to evaluate and compare the long-term results of the endosseous implants placed into grafted vascularized and nonvascularized bone for the reconstruction of anterior segmental defects of the mandible .Some patients underwent primary reconstruction by nonvascularized bone autografts , and the other patients by vascularized ones .All grafts were taken from the iliac crest of the same patients .Most grafts were further stabilized by means of endosseous titanium implants .It was found that primary mandibular reconstruction with vascularized or nonvascularized autogenous bone grafts supported by implants is a predictable treatment for mandibular continuity defects .