

The invention relates to medicine, especially to dentistry and can be used for restoring bone defects of the jaws, caused by pathological or physiological bone resorption.

Summary of the invention consists in that it is preoperatively performed the computed tomography with the determination of the dimensions of the bone defect of the jaw, then from the patient 2...3 hours before the procedure is sampled 10 ml of venous blood, which is centrifuged for 8...12 min, at 3000...3500 rpm, to obtain a platelet-rich suspension, after which is stretched a piece of absorbable surgical polyglactin or polyglycolic acid mesh, on which are applied hydroxyapatite crystals and is sprayed with the prepared suspension with the formation of a membrane-shaped complex, which is introduced into a press box for its dehydration. Then local anesthesia and an incision of the mucous membrane are performed, the tissues are detached with the formation of a mucoperiosteal flap, the granulation tissues and sharp edges of the bone are removed; a bone allograft is applied in the defect site as an augmenting material, over which is applied the prepared membrane, which is adapted to the dimensions of the bone defect, and the free edge of the membrane is fixed with absorbable staples, avoiding free spaces in the area of the bone defect, after which the mucous membrane is sutured.

Claims: 1