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The invention refers to medicine, namely to the bone restorative materials and may be used for reconstructive bone restorative surgery in dentistry, as well as in traumatology and orthopedics.

Summary of the invention consists in that the bone restorative material includes in the following component ratio, mass %: 0,1...0,5 dry extract from the *Spirulina platensis* cyanobacterium biomass, 0,5...2,5 dry extract of marigold flowers (*Calendula officinalis*) and osteogenic material - the rest. The osteogenic material is selected from the group including the allogenic graft of the demineralized lyophilized bone, the allogenic graft of the lyophilized bone, the autogenic, allogenic and xenogenic bone, hydroxyapatite, collagen-hydroxyapatite material. In the capacity of cyanobacterium *Spirulina platensis* may be used the strain CNM-CB-02. Moreover, the material may contain physiologically active substances, stimulating the osteogenesis, selected from the group consisting of the thrombocyte growth factor (PDGF), the transforming growth factor β 1(TGF- β 1) and the bone morphogenetic proteins, as well as their combinations.

Claims: 7