

Implant kit for osteosynthesis of the lower jaw in cases of bone tissue defects contains a mesh plate titanium implant and fixation screws, wherein the mesh plate titanium implant is made individually according to the anatomical shape of the lower jaw and has marginal sections which extend beyond the boundaries of the defect zone by a distance of up to 20 mm, the fixation screws are designed to be inserted through the holes of the implant and connected to bone fragments of the lower jaw. The kit additionally contains an osteoplastic filler, which is placed in the defect zone under the mesh plate titanium implant.