

The invention refers to medicine, namely to the prosthetic dentistry, and may be used for restoration of the anatomic form and function of some separate teeth, as well as for dental arch defects substitution for removable and fixed constructions of prostheses with bearing elements on the implant.

Summary of the invention consists in that the demountable helical dental implant is constituted of changeable (1) and intraosseous (9) parts. The changeable part (1) includes a head (2) and a pin (3). The upper (4) and middle (5) parts of the head (2) are made in the form of truncated cone, placed with the greater base thereof on the lower part (6) of the head (2), made as a cylindrical support. On the central axis of the head (2) in the region of the upper (4) and middle (5) parts there is made a treaded channel (7), and from the end of the lower part (6) there is placed a conic pin (3) with stepped prominences (8) oriented upwards. The intraosseous part (9) made in the form of a self-tapping screw with blind channel (10), having in the region of the upper part (11) the form of hexahedron passing further in the conic one (12), made with stepped prominences (13) oriented downwards. In the region of the intraosseous part (9) end there are made three longitudinal grooves, placed equidistantly from each other.

Claims: 1

Fig.: 5

