

The invention refers to the field of 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 substitution of dental arch defects for removable and fixed constructions of prostheses with bearing elements on the implant.

The demountable helical dental implant is constituted of changeable (1) and intraosseous (9) parts, joined with each other by means of a threaded connection. The changeable part (1) includes a head (2) and a threaded pin (3). The head (2) consists of upper (4) and middle (5) parts, made in the form of truncated cone, placed with its greater base on the lower part (6) of the head (2), made as a cylindrical support. The upper part (4) of the head (2) is equipped with a contact place (7) for the instrument. Onto the central axis of the head (2) in the region of the upper (4) and middle (5) parts there is made a threaded channel (8), and from the end of the lower part (6) there is placed the threaded pin (3). The intraosseous part (9) is 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 a hexahedron passing further in the cylindrical one (12), equipped with thread for the threaded pin (3). In the region of the intraosseous part (9) end there are made three longitudinal grooves, placed equidistantly from each other. The surface of the intraosseous part is made with the relief irregularities constituting 3...7  $\mu\text{m}$ .

Claims: 1

Fig.: 5

