

Short implants

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“Ileac crest is a thing of the past – short implants are the talk of today”

Short implants are a boon for patients who have already undergone many unsuccessful consultations, have lost dental prostheses, have hardly any jawbone left and are also financially limited. Short and Ultra-short implants do not require complex and unpleasant bone augmentation where bone has to be removed from the hip, for example and implanted into the jaw. This procedure reduces the risk of complications, treatment time, and costs.

The use of short implants in patients with reduced bone volume is a reliable therapeutic option compared to the risks associated with standard dimension implants in combination with augmentation procedures. Short implant (7mm or less) work on the principle of “Osseococonsolidation”- an approach of treatment that opens minimally invasive options in the edentulous patients with a severely resorbed alveolar ridge. Short implants ensure comparable results with substantially less surgical effort, less morbidity and lower cost.

Additionally, the SPS (sintered porous surface) implants are restored without cementing, by means of mechanical cement free locking mechanisms and thereby offer excellent resistance to tensile loads, compressive stress and torsional forces.

The ultrashort implants we use are implants with a tapered connection that guarantees bacterial sealing. This prevents peri-implantitis (inflammation of the implant bed) and subsequent bone resorption. The bevelled implant shoulder and plateau design, which contains growth chambers for the formation of new bone, ensure problem-free “ingrowth”. When the implants are inserted, blood runs into the cavities of the chambers, which can be seen as small, lateral fins or the cantilevers of a propeller.

Patients usually do not even need painkillers. The small wound heals without any problems - In the lower jaw this takes about 8 weeks and in the upper jaw about 12 weeks.