

• Most powerful highspeed handpiece with 28W by MK-dent



The latest addition to the MK-dent highspeed range is called the HC20KL/HC20K – Power Edition of the Classic Line. And **POWER** is what this first class turbine is all about. With innovative technologies, MK-dent managed to create the perfect surrounding for the highly developed cartridge, which allows the perfect transfer from pneumatic to kinetic energy, resulting in an **unbelievable cutting force of 28W**. Equipped with our well-known long life chuck system, the premium MK-dent bearings, as well as the carbide insert in the spindle opening, an accurate and smooth operation over a long period of time is assured. In the Prime Line section MK-dent delivers the quietest handpiece in the market (<55dB(A)), and managed to transfer the knowledge of perfect balancing also to this masterpiece. By eliminating any vibration, the Classic Line is not only unbelievably powerful but also incredibly silent at a noise level of less than 58dB(A). MK-dent – Discover the Advantages.



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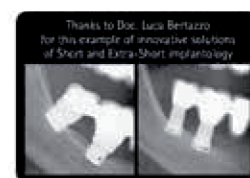
• 2.5mm Extra-Short Oralplant: the shortest implant in the world that is farsighted in implantology!



Oralplant Suisse is the company that holds the research, development and manufacturing rights of this formidable Extra-Short Implant called Tuber-Plant SC. Oralplant implantology is based on the extensive osteointegration capacity of the TPSS (Titanium Pull Spray Superficial) surface treatment which for 25 years has confirmed the excellent reactions for maintenance of osteointegration on Oralplant medical devices; the conviction of professionals and researchers working with it on a daily basis is to be in the presence of an implant surface, that can be applied to other solutions in osteointegrated implantology in the future.

Oralplant, osteointegrated implantology of excellence since 1991, is constantly searching for techniques addressed to implant insertion in the most extreme bone conditions. From the beginning it designed and manufactured Tuber-Plant, osteointegrated medical device with 7mm lengths and various diameters, reaping significant success. Case studies over the years showed that it was still possible to reduce the length, in fact, 6, 5 (ref. Figure 1), 4.5 and, more recently, 3.5 and 2.5 mm (ref. Figure 2) unique in the world implants were invented.

Despite the last three lengths have insertion difficulties, Oralplant surgical protocol and instruments have also been able to provide these implants, defined as Extra-Short, with simplicity as well as predictability, obtaining osteointegration success on a par with its medical devices with greater lengths. This is testified by the randomized study on Extra-Short and Short implants, published during the 5th Oralplant National Conference in Venice on 6th and 7th May 2016, which involved 126 Dentists and demonstrated that, all the 487 devices inserted from 2010 obtained an implant success rate of 94.87%. The remaining 5.13% are composed of 13 failures due to insertion in conditions not suitable for osteointegration and 12 unjustified failures, therefore, considering the last two data, the effective success rate of Extra-Short and Short implants is 97.47%.



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