

Unique Implant by Cortex

Designed For Immediate Loading

SATURN



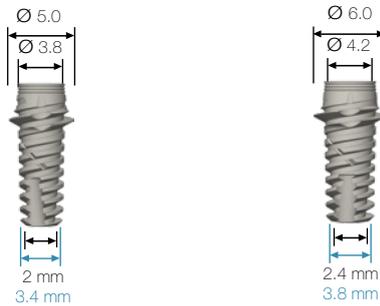
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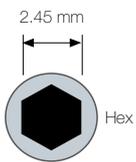
SATURN

The ultimate implant for post extraction immediate loading



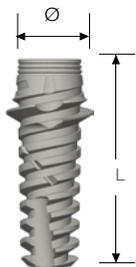
Designed by Dr. Zvi Laster DMD

Saturn Dimensions Premium Package



Diameter Ø mm	L = 8 mm	L = 10 mm	L = 11.5 mm	L = 13 mm	L = 16 mm
3.8	PST-0838	PST-1038	PST-1138	PST-1338	PST-1638
4.2	PST-0842	PST-1042	PST-1142	PST-1342	PST-1642

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The Saturn

Especially suited for immediate loading after extraction. Saturn's "wings" provide substantial initial stability, reducing stress distribution at the alveolar cortex and optimize esthetic restoration. Primary stability of the Saturn implant in the empty socket is over 40 Ncm, enabling the immediate placement of esthetic temporary crowns. Saturn is also suitable for cases of open and closed sinus grafting. Expanded diameter threads provide excellent initial stability even if the residual crestal height is low as only 3 or 4 mm. Furthermore, the Saturn is suitable for implantation for lower premolar and molar extraction sites, when there is adequate room (14 mm mesio-distal).

Greater Bone to Implant Contact (BIC)

Bone to Implant Contact (BIC), is often reduced up to 50% in extraction sites. Saturn, with its wings, considerably enhances BIC, mechanical torsional support and overall stability.

Saturn Reduces Displacement and Stress Distribution

Reduced stress distribution at the neck of the implant may prevent bone loss after loading. Finite Element Analysis demonstrates that the added wings considerably reduce stress distribution at the implant neck, thus reducing potential for bone loss at the crest.