

Product Profile

New SwishPlus™ Offers 100% Surgical & Prosthetic Compatibility + Much More

SwishPlus™, a new addition to the Implant Direct Sybron product line, offers a unique combination of design improvements while providing 100% compatibility with Straumann's surgical and insertion instruments as well as prosthetic components. Like the Straumann tissue level implants, SwishPlus has a straight-walled body with flat-based threads matching the 1.2mm pitch to make it surgically compatible with Straumann's drills and bone taps. Added to this long proven design are a number of enhancements that make it a powerful hybrid of ideologies. A long, vertical cutting groove is provided for self-tapping insertion and the apical end narrows to help initiate insertion. The threads get progressively deeper and extend right to the apex for additional surface area and initial stability.

Designed for versatility in implant placement, the 2mm flared neck has the textured surface extending up 1mm to facilitate deeper insertion in the esthetic zones without contributing to bone loss when a smooth neck is placed sub-crestal. Research also shows that the blasted surface, if left sub-gingival in the soft tissue, will also deter bone loss. In addition, micro-grooves have been added above the threads as studies show that this type of feature both reduces bone loss if positioned sub-crestal and improves soft tissue attachment if positioned supra-crestal.

The SwishPlus, like the Straumann implant, has an internal octagon, originally licensed to Straumann in 2000 under Niznick's #4,960,381 internal connection patent. In addition, a square has been broached in the flats of the octagon (patent-pending) for fixture-mount engagement - eliminating the need to apply counter-torque when disengaging the fixture-mount from the implant after insertion. Instead, the SwishPlus fixture-mount is frictionally retained and the square engagement allows for



SwishPlus™ is both surgically and prosthetically compatible with Straumann® tissue-level implants while also offering numerous design advantages. This versatile, new implant joins the Swish™ system which includes a full range of prosthetic options.

higher torque to be applied without damaging the implant. This feature is also present on Implant Direct Sybron's SwishPlant implant first introduced in 2009.

Each implant is provided suspended on the frictional fixture-mount along with a cover screw for two-stage healing when part or all of the neck is placed sub-crestal. A 2mm healing collar is also provided free and is retained by the cover screw, allowing tissue level placement even with a sub-gingival margin or when the soft tissue thickness exceeds 2mm.

The SwishPlus carrier not only allows for placement with either Straumann tooling or a standard ratchet but it also offers a clinical advantage. The carrier's 8 circular indentations aligning with the flats of the octagon enable easy

indexing of the internal octagon connection and, when used with Implant Direct Sybron's indexed abutments, allow simple alignment of the contoured margins of the straight and angled stock titanium and Zirconia abutments - minimizing the need for more expensive custom abutments.

Implant Direct Sybron received the highest customer satisfaction rating among seven implant companies in an independent study. Results from the Global Dental Implant Perception Pulse study conducted by Millennium Research Group for the second quarter of 2011 show that Implant Direct Sybron has the most satisfied United States customers. The other companies included in the study were Astra Tech, Straumann, Biomet 3i, Nobel Biocare, Zimmer Dental and IMTEC.