Implant Direct offers new InterActive Implant System

With the introduction of the InterActive Implant System, Implant Direct's portfolio of implant solutions featuring simply smarter design and industry compatibility has expanded to include a 12-degree conical connection that is compatible with NobelActive.1

This new system with four implant diameters (3.2, 3.7, 4.3, 5.0 mm), six lengths2 (6, 8, 10, 11.5, 13 and 16 mm) and a range of prosthetic options offers several design advantages to simplify both surgical and restorative procedures.

_Simply smarter surgery_

The InterActive implant design incorporates several popular features including flat-based buttress threads. Unlike other leading conical connection implants, the InterActive's coronal portion is matched to the thread dimensions of the implant to seal the opening at the crest of the ridge, according to Implant Direct.

A combination of micro-grooves and microthreads improves tissue attachment and increases stability, which aids in reducing crestal stress. Three long cutting grooves facilitate self-tapping insertion while the rounded apex reduces risk of sinus perforation.

_Simplified soft-tissue management_

Included in InterActive's convenient all-in-one packaging is a cover screw, 2 mm extender/healing collar, final abutment fixation screw and a patent-pending fixture-mount. The fixture-mount aids in delivery, impressioning and functions as a final abutment, the company says.

Both the fixture-mount and the 2 mm extender/healing collar feature a concave transgingival

_Figs. 1a, 1b_ The square top of the InterActive fixture-mount detaches and remains within the impression.

(Graphics/Provided by Implant Direct)
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profile allowing for a thickening of the soft tissue around the implant/abutment connection. This soft-tissue design has been said to promote improved blood supply and prevention of bone loss for a better long-term esthetic result, the company asserts.

Additional ancillary components and prefabricated abutment options feature a matched profile for consistent shaping of the soft tissue throughout treatment. InterActive’s versatile prosthetic selection also provides a variety of profile height choices as well as patient-specific CustomDirect™ titanium abutments and bars to treat a range of clinical situations.

IQity Impression Technique

Critical to implant treatment success is the transference of the three-dimensional spatial position of the implant platform from the mouth to the dental laboratory technician in order to create the final restoration, according to Implant Direct. While the digital workflow is gaining popularity in assisting this treatment process, there still remains the need to have an accurate method for traditional impressioning. The InterActive fixture-mount is designed to provide the accuracy of an open-tray transfer with the simplicity of a closed-tray transfer via the IQity Impression Technique™. The square top of the fixture-mount detaches with the impression for metal-to-metal transfer accuracy (Figs. 1a, 1b, 2a and 2b).

Complete seat confidence

The need to take an X-ray to confirm full seating of an abutment can be common with conical connection implants because of the depth of the anti-rotational feature within the internal shaft. Some other conical connection implant systems even include this step in its standard protocol. InterActive abutments have been designed with a longer hex (anti-rotational feature) that will be visible above the top of the implant when not fully seated, thereby reducing the need for confirmation via an X-ray.

References

1) InterActive implants compatible with NobelActive titanium abutments up to 15-degree angulations. InterActive straight titanium, straight temporary and 15-degree angled titanium abutments compatible with NobelActive implants.
2) 6 mm length not available for 3.2 mm diameter implant.

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