ZEST Anchors introduces a new narrow-diameter implant system featuring overdenture attachment

Until now, choosing a narrow-diameter implant could often mean a sacrifice in attachment performance and, ultimately, patient satisfaction.

ZEST Anchors responds to that need by introducing the LOCATOR® Overdenture Implant System (LODI), featuring a new narrow-diameter implant combined with the world-leading LOCATOR Attachment, providing clinicians with solutions to the attachment limitations often found with O-ball mini implants.

The ZEST Anchors LOCATOR Overdenture Implant System features critical elements that optimize patient satisfaction, the company says. The LOCATOR Attachment is seated after the implant is placed, making case planning, implant surgery and restoration easier. In addition, its unique two-piece design allows for attachment replacement should wear occur throughout time.

LODI is available in narrow diameters of 2.4 and 2.9 mm and is ideal for those patients with very narrow ridges who refuse the additional appointments and the cost often associated with grafting procedures. Made from the strongest titanium available, LODI features a proven RBM surface and is designed to provide primary stability when immediate loading is indicated, the company says.

LODI is packaged with the LOCATOR Attachment so it incorporates all of LOCATOR’s sought-after features including its patented pivoting technology and customizable levels of retention, all while maintaining a dramatically reduced vertical height as compared to O-ball mini implant designs.

“The LOCATOR Overdenture Implant System is the result of a collection of inputs from market demands and clinicians expressing their needs,” said Steve Schiess, CEO of ZEST Anchors. “To the many clinicians who asked us why a trusted leader in overdenture attachments that has a proven, 40-year track record of continuous innovation doesn’t make a narrow diameter implant for overdentures, I can finally say here is LODI.”

For more information about the Locator Overdenture Implant System from ZEST Anchors, call (855) 868-LODI (5634) or visit the new website at www.zestanchors.com.
The Hiossen ETIII Implant System: A coordinated approach to esthetic restorations

By John DiPonziano, DDS, MAGD, DICOI, CDT

In 28 years of placing and restoring implants, I have seen that three key factors need to be present to achieve esthetic implant restorations: good implant positioning, accurate impressions and proper abutment design.

Implant positioning

The facial aspect of the implant cannot be placed too far labially, or it may cause loss of the alveolar facial plate of bone and implant thread or abutment exposure. In addition, too labial a positioning can decrease the volume of gingiva, preventing an adequate emergence profile of the final restoration. In maxillary anterior cases, the implant/abutment interface needs to be at least 2.5 mm apical from final gingival margin of the restoration enough “gingival drape” for an esthetic emergence profile.

Hiossen implants are available in eight diameters from 2.5 mm to 7 mm. This variety allows the clinician to choose an implant that will not compromise esthetics due to encroachment on the facial bone.

Impression and master model

The Hiossen impression copings, whether the pick-up or transfer type, are designed so it is clear where the coping is positioned in the impression. The copings also come in a variety of heights and diameters, which coordinate with the healing abutments. This aids in developing proper emergence profile of the restoration.

In addition, when a soft-tissue simulation material is used as part of the master model, the technician can create a restoration that emerges from the gingiva with a highly esthetic, life-like appearance.

Abutment design

An abutment needs to be kept small in diameter so as to allow good tissue health in the critical subgingival area. An abutment that is too large can compromise the gingival blood supply, which leads to recession and/or an abnormal tissue color.

From a prosthetic standpoint, a smaller abutment allows for a greater amount of porcelain for the restoration, which optimizes esthetics.

The Hiossen ETIII system has a wide range of stock abutments in various gingival and coronal heights and diameters. In cementable restorations, it is crucial to select the proper gingival height to position the crown margin no greater than 2 mm subgingival. This allows access for cement removal and aids in the maintenance of biologic health.

A 17-degree angled abutment is available that is ideally suited for the premolar area. This angled abutment is gold in color and very narrow, which preserves gingival health and, as mentioned above, provides ample room for porcelain (Figs. 1, 2). Zirconia stock abutments are also available, which can be customized as needed.

In situations that call for a custom abutment, Hiossen has a “GoldCast” abutment that can be waxed to the desired shape and cast in precious metal.

See HIOSSEN, page B14
IT'S TIME TO REPLACE THE O-RINGS AGAIN...
WITH AN ENTIRELY NEW TECHNOLOGY.

Out with the old.          In with the new.

Introducing the new LOCATOR® Overdenture Implant System (LODI) featuring narrow diameter implants. Designed to work perfectly with our best-in-class LOCATOR Attachments, LODI offers the valuable attributes of narrow diameter implants, but with the flexibility of a unique two-piece coronal design not found with O-ball mini implants. It's this unique design that allows for the flexibility of attachment replacement should wear occur throughout time.

LOCATOR Overdenture Implants are constructed from the strongest titanium available and feature a proven RBM surface. The LODI system incorporates all of LOCATOR's sought-after features, including its patented, pivoting technology and customizable levels of retention, while also having a dramatically reduced vertical height compared to O-ball mini implants.

Say so long to O-Rings and hello to the LOCATOR Overdenture Implant System. Available winter of 2012. For more information, call 1.855.868.LODI (5634) or visit our new website at www.zestanchors.com/lodi/it

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Materialise Dental just launched a new user-friendly implant planning solution. With SimPlant GO, there are no surprises during surgery because you have optimally planned the implants in the bone — and with Surgi-Guide, this planning is then transferred into a fully predictable surgery.

SimPlant GO’s intuitive navigation, 3-D images and simple four-step process is so straightforward that you can learn it over lunchtime, during a break or in-between appointments, the company said.

This software is made for dentists who have only a few minutes to become familiar with this easy-to-use 3-D implant-planning software.

SimPlant has been hugely successful during the past 20 years in addressing the needs of the implant specialists, the company said.

However, some dentists who were placing implants less frequently felt overwhelmed by the amount of flexibility that SimPlant has offered. SimPlant GO has been designed to specifically address their needs.

The solution has been specifically designed for dentists without a cone-beam scanner in their office.

“Although cone beam is the way of the future, not everybody is willing to invest in it yet. And now dentists have a great, low-threshold solution to start with computer-guided implantology,” said Bert Van Roie, SimPlant product manager for Materialise Dental.

Find out more information at www.simplantgo.com.

SimPlant GO by Materialise Dental.

Photo/Provided by Materialise Dental

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