Zimmer Dental’s Trabecular Metal Implant makes ‘osseoincorporation’ possible

Zimmer Dental Inc., a leading provider of dental oral rehabilitation products and a subsidiary of Zimmer Holdings, Inc., is pleased to announce that it has received FDA approval to use the term “osseoincorporation” in describing the unique bone healing process made possible with its revolutionary Zimmer® Trabecular Met- al® Dental Implant.

Osseoincorporation refers to the healing potential of bone onto an implant surface and into an implant structure. The Trabecular Metal Dental Implant features an osteoconductive mid-section, formed from Trabecular Metal material, designed for ingrowth as well as ongrowth in a process new to implant dentistry — osseoincorporation.

Human studies of the Trabecular Metal Dental Implant started in 2010. In a study of Trabecular Metal Dental Implants in canine mandibular models, evidence of ingrowth by maturing bone was documented as early as two weeks after implantation. In a human proof-of-principle study, survival rates have been strong with implants restored at two weeks. Immediate loading is indicated when there is good primary stability and an appropriate occlusal load.

Manufactured at Zimmer’s TMT facility in Parsippany, N.J., and used in Zimmer’s cutting-edge orthopaedic devices for more than a decade, Trabecular Metal material is a three-dimensional, highly biocompatible material — not an implant surface or coating — with up to 80 percent porosity for bone ingrowth and a structure comparable to cancellous bone. The interconnected porosity is designed to enhance secondary stability through a high volume of ingrowth.

Combining the popular features of the Tapered Screw-Vent® Implant with the unique properties of Trabecular Metal material, the Trabecular Metal Dental Implant is compatible with the Tapered Screw-Vent Surgical Kit and prosthetics for easy incorporation into treatment plans.

For decades, Zimmer Dental has gained the trust of thousands of clinicians worldwide who count on its comprehensive line of products to deliver successful patient outcomes. By looking to new and innovative technologies and leveraging its relationship with its parent company, Zimmer Holdings, Zimmer Dental continues to reinforce its commitment to offering state-of-the-art dental solutions.

For more information, contact a Zimmer Dental sales consultant or customer service at (800) 854-7019 or (760) 929-4300, or visit www.trabecularmetal.zimmer-dental.com for more information.
"OUTSTANDING. A GAME CHANGER. RELEVANT. GREAT. USER-FRIENDLY. EXCELLENT. REMARKABLE. TESTED. TIME-SAVING. DEPENDABLE. RELIABLE. STABLE. PROVEN! IDEAL. POSITIVE. GUARANTEED. CERTAIN. EFFECTIVE. SUCCESSFUL. CONSISTENT. PREDICTABLE. PREFERRED. SURE. TRUSTWORTHY."

Big words for such a small membrane, but Cytoplast™ TXT-200 Singles have lived up to those words from your colleagues for more than 15 years.
SimPlant GO: new solution in guided implant surgery

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 SurgiGuide, 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 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.

“We strongly believe there is a place for our earlier products, so we will continue to invest in their future, and new versions of SimPlant Planner, Pro and Master will be released this fall,” said Bart Swaelens, CEO at Materialise Dental.

“Expanding our portfolio is our way of ensuring that the best implant planning software and surgical guides on the market reach the widest audience possible.”

Part of the scan-plan-guide process, SimPlant GO is more than just a fancy new computer software program; it’s part of a full solution for your cases.

“On top of this, the process is a cool and smooth user experience,” he added.

Find out more by visiting www.simplantgo.com.