Piezosurgery: Simple. Selective. Safe

The evolution of bone surgery

Piezosurgery® technique opens up a new age for osteotomy and osteoplasty in implantology, periodontology, endodontics, and surgical orthodontics. Piezosurgery offers a wide variety of bone surgery applications, including and not limited to:
- Sinus lift
- Tooth extractions
- Bone block harvesting
- Bone graft harvesting
- Bone contouring
- Endodontic surgery
- Orthodontic micro surgery
- Ridge expansion
- Crown lengthening
- Periodontal therapy
- Implant site preparation
- Tori removal

The art. The science. The innovator of bone surgery.

Zimmer Instrument Kit System showcases intuitive design

Zimmer Dental Inc., a leading provider of dental oral rehabilitation products and a subsidiary of Zimmer Holdings, Inc., is pleased to announce the release of the new and improved Zimmer Instrument Kit System. With its user-friendly layout and logical color-coding system, the Zimmer Instrument Kit System is designed to enable clinicians to get the most out of the popular Tapered Screw-Vent® and Zimmer One-Piece implants.

The Zimmer Instrument Kit System is an easy to learn, well-organized product family that can be customized to meet individual clinical needs and maximize valuable time. A simple and unique color coding system enables clinicians to intuitively follow surgical sequences, step-by-step.

In addition, the Tapered Screw-Vent Surgical Kit can be combined with an optional Zimmer One-Piece Implant Module for streamlined placement of all components of the renowned Tapered Screw-Vent Implant System — thereby creating a truly centralized, all-in-one kit.

Each Tapered Screw-Vent Surgical Kit includes instruments needed to place any Tapered Screw-Vent Implant, including the popular 4.1 mm line. All kit configurations also leave extra storage space for additional pieces. An accompanying Staging Block allows users to place a selection of instruments and implants needed for a procedure within reach.

A separate Zimmer One-Piece Kit is also available for new users who want to begin their experience with Zimmer Dental by treating tight interdental spaces.

Finally, to help clinicians get the most out of the Zimmer Instrument Kit System, cleaning and sterilization instructions for instruments and Driva® drills as well as surgical sequences are included in a handy guide that comes with every kit.

Contact your Zimmer Dental Sales consultant or customer service at (800) 854-7019, for outside the United States, (760) 929-4300, or visit www.zimmerdental.com for more information.

Straumann Bone Level Implant with proven SLActive surface

A new generation of bone level implant from Straumann completes one of the best-known and most successful implant systems in the world, the Straumann® Dental Implant System. The new implant combines innovative concepts with proven design elements, such as Straumann’s unique SLActive implant surface.

Most implant failures occur in the critical early phase of treatment — in the first eight weeks after placement. They are the result of the delayed healing process of the bone and limit the application of techniques, such as early loading. The need for increased security — particularly in poorer quality bone — and for faster procedures led to the development of a technology that has revolutionized implant dentistry.

Some 10 years ago, Straumann introduced the SLA® (Sandblasting with Large grit followed by Acid etching) surface, which reduced implant healing times from 12 weeks (TPS surface) to six to eight weeks.

The new SLActive surface, a further development that was launched just over two years ago, now cuts healing times to just three to four weeks. This is achieved by the chemically active, hydrophilic surface, which facilitates direct cellular interaction in the first phase of osseointegration. With the bone formation process beginning immediately, SLActive reduces the dip in stability that occurs when conventional implants integrate with bone. SLActive has been shown to achieve osseointegration in poor quality bone and even to facilitate healing of large bone defects around the implant.

These benefits, together with the advantages of considerably faster osseointegration, open up new treatment options in addition to offering greater security and a new level of confidence.

Complemented by a comprehensive portfolio of surgical and prosthetic components, the new Straumann Bone Level Implant is available in three diameters (3.5 mm, 4.1 mm and 4.8 mm) and four lengths (8 mm, 10 mm, 12 mm and 14 mm). Its unique SLActive surface offers a new level of confidence at bone level, with early loading and shorter treatment times.


Morita announces new TwinPower Turbine Mini

Morita’s new TwinPower Turbine® Mini packs up to 18 watts of power into a tiny 10.6 mm (height) head.

This extremely small design offers exceptional access and visibility without sacrificing power. It is the first mini-head handpiece on the market to offer cutting efficiency equal to (or greater than) other manufacturers’ standard sized heads.

Its double-impeller design, unique to TwinPower handpieces, delivers constant torque, even under high load conditions. Other features include zero backlash in the air line, rapid braking within two seconds, glass rod optics, and direct connection to other major handpiece brands.

For more information, call (888) JMORITA (566-7482) or contact your dealer. Check out www.jmoritausa.com.