there are only a handful of publications relative to other technologies, and none proves substantial equivalence to Piezosurgery in regard to biomolecular, histological and clinical results. In a world where medicine is constantly striving to improve, only evidence-based technology should be trusted and incorporated in daily practice. Unfortunately, sometimes commercial interests and strategies confound the public, hence hindering the progress of the discipline. As a scientist, I understand that a discipline's progress is achieved through trial and error, independent verification and hypothesis testing. Therefore, I always encourage clinicians to research Piezosurgery thoroughly and independently, seeking the advice of reputable experts and always keeping in mind what is best for their patients.

Lastly, at Piezosurgery Incorporated, we are experts dedicated full-time to the Piezosurgery technology only, and truly believe that our products can improve the quality of life of both surgeons and patients. To fulfill this goal, we value clinical education and customer service. For instance, when a clinician incorporates Piezosurgery in his or her practice, our product specialists provide in-office training for the staff and the surgeon and assist to the Piezosurgery 3 device, now available in the North American market. This new device has improved self-diagnostic and safety features, which allow the surgeon to operate with confidence.

What are some of the recent innovations?

Over the years, Dr. Vercellotti and Mectron Medical Technology have continued to perfect the Piezosurgery technology to make it applicable to a wider array of surgeries. This constant evolution of the product is clearly seen in the development of new insert tips for implant site preparation and microsaws. Implant site preparation tips — available in a series up to 4 mm in diameter — are used in the preparation of the implant site in anatomical situations when placing implants with conventional tools is risky if not almost impossible. The microsaws are designed for use in thin ridge splitting and accelerated surgical orthodontics. These saws are 11 mm long and have a section of 0.55 mm, hence allowing extreme precision in the osteotomy at the same time sparing bone when it is precious to save!

Another recent innovation was the development of the Piezosurgery 5 device, now available in the North American market. This new device has a specific function optimized for implant placement, new and simpler settings, and is up to 30 percent faster than the previous model. Additionally, thanks to the development of more sophisticated software, the Piezosurgery 3 device has improved self-diagnostic and safety features, which allow the surgeon to operate with confidence.

Any other directions you and your company are involved in?

As a company focused on bone surgery, Piezosurgery Incorporated is constantly seeking ways to improve the surgical experience for clinicians and patients alike. We are currently preparing to launch the Piezosurgery Medical device in North America. The Piezosurgery Medical device is the most sophisticated and advanced device for Piezoelectric Bone Surgery and brings the advantages of our unique technology in a wider array of surgical procedures.

References


MiraTray® Impiant Advanced
Implant Impression Tray with Foil Technology

- Ease of use (with patented foil technology)
- Abutments clearly visible through foil
- Superior technique — allows tray repositioning with the precision of the “pick-up” technique
- Saves time — one additional patient appointment only
- Saves money — no customized tray needed
- Clean and precise — no overflow of impression material at the abutments
- Compatible with all impression material and implant systems
- Available in three sizes each for maxilla and mandible, for denti/ous and edent/ous jaws

To order please call your preferred dental dealer.
For more information: e-mail info@hagerworldwide.com, visit www.hagerworldwide.com, or call 800-328-2336

AD