Dentium celebrates 10 years of clinical success

By Dentium USA Staff

Dentium is pleased to announce the results of its long-term clinical case study. The study, conducted for more than 10 years, has successfully shown Dentium implants are reliable and predictable.

The study’s radiographic images showed a successful osseointegration during a long-term observation period and also showed that Dentium’s unique design and surface features resulted in stable osseous crest without bone loss to the first thread, according to the company.

Dentium implants possess S.L.A. (sand-blasted with large grit and acid-etched) surface treatment, which facilitates the osseointegration process with a high predictability of success and provides more complete bone-to-implant contact throughout every thread of the implant.

This produces a well-attached base for osseointegration, the company said. The greater distance between the threads of the implants also helps promote early osseointegration while the increased thread height helps augment initial stability. The double-threaded design of the implants reduces insertion time, thereby decreasing the patient’s chair time.

The tapered body design of Dentium dental implants provides initial stability and bone expansion response for easy installation, according to the company. The tapered design also helps create a stable yet comfortably placed implant that provides integration with surrounding bone anatomy.

Dentium implant systems offer a variety of diameter and length options for individual cases. Dentium implants can bring initial stabilization and osseointegration, especially in soft-bone cases and in sinus graft with implant placement cases.

All implants offered by Dentium share the same internal hex. The conical hex connection between the implant and abutment interface helps ensure greater hermetic sealing and provides an improved tactile sense, the company asserts.

This helps to ensure a more stabilized abutment seating. The biological connection contained within the implant creates an even distribution load to the fixture, helping to minimize micromovement and marginal bone loss.

Dentium components are equipped with a true single platform; only one abutment connection is used for implants. This reduces the need for multiple prosthetic components and simplifies the surgical and prosthetic procedure, according to the company.

Dentium is a dental implant manufacturing company with a heavy focus on innovative research and development. Dentium has released state-of-the-art dental technology with products ranging from implants to regenerative materials. The motto of Dentium is “Developed by Clinicians for Clinicians” because its products are developed by industry leaders. Dentium is in more than 80 countries and has a manufacturing facility here in the United States. Dentium is FDA registered and ISO certified. Dentium wants to encourage the academic community as well as future clinicians to follow its passion for research and development.

For more information and introductory specials, call (877) 304-6752 or send an e-mail to info@dentiumusa.com. You may also visit www.dentiumusa.com.
Microdent introduces its first universal connection implant

Company launches international marketing campaign to expand operations in the United States, Latin America and the Middle East

By Javier de Pison, Dental Tribune

Last year, Microdent Implant System introduced Ektos, its first universal internal connection implant. Recognized worldwide for developing the first bone expanders and implants such as the Genius, the main advantages of using Microdent implants include the company’s long background as a manufacturer and its firm commitment to quality.

Microdent Director of Production, Research and Development Joan Muñoz says the company has 25 years of manufacturing experience “backed by evidence that proves the main features of our implants: great osseointegration and very long durability.”

Microdent’s R&D director adds that the company’s implants have a unique, distinctive design.

“They are manufactured with extreme precision to ensure the best possible function,” he explains, “but what makes Microdent unique in the market is our special thread design, which provides great self-tapping capacity and large contact surface with bone for the best possible osseointegration.”

Muñoz says that quality has always been Microdent’s top priority. Asked what differentiates Microdent from the competition, he provided a list of innovations developed by the company.

- **Ektos Implants**: Microdent’s new universal internal connection implant prevents rotational movement and creates a conical coupling area between the implant and prosthesis that provides the most effective connection sealing.
- **Genius Implants**: An internal connection implant with hexagonal ribbed cone that allows for perfect sealing of the implant-prosthesis junction in a monoblock. The Genius’ emerging cone design provides a surface area for biological growth, which reduces gingival retraction.
- **Microdent External Connection Implant**: An implant system more robust and resilient than the universal external connection, which offers the same type of connection for prosthetic restorations.
- **Atraumatic expanders**: Microdent’s bone expanders provide oral implantology with an important technological innovation, a global reference product that is a must for any implant professional. This practical and simple instrument avoids surgical trauma and, because it works progressively, allows effective control of the expansion process.
- **Cortical Fix**: Like the expanders, the Cortical Fix is also an important technological innovation in the oral implants field that allows the use of a minimally invasive sinus lift, atraumatic technique.

Microdent has launched an international marketing campaign to expand its operations in the United States, Latin America and the Middle East.

“We have launched an advertising campaign in print and online,” Muñoz said. “And will be providing free online implant courses through the Dental Tribune Study Club to show the quality and advantages of Microdent Implant System.”

For more information, please visit www.microdentsystem.com.

Microdent Director of Production, Research and Development Joan Muñoz at Microdent’s manufacturing plant. Photo/Javier de Pison, Dental Tribune

Ektos is Microdent’s first universal internal connection implant. Photo/Provided by Microdent

‘They are manufactured with extreme precision to ensure the best possible function ... but what makes Microdent unique in the market is our special thread design, which provides great self-tapping capacity and large contact surface with bone for the best possible osseointegration.’
PLANMECA

ProMax® 3D Family

Versatile 2D/3D Imaging Technology

- Patented SCARA technology, allowing limitless imaging possibilities
- Offers optional ProFace 3D facial photos for advanced case presentation, operation pre-planning, and treatment follow-up
- Provides the tools to reduce radiation based on clinical need, including Planmeca’s Ultra-low Dose Protocol, adjustable kV and mA, selectable volume sizes, and pediatric mode for a 35% lower dose
- Optional digital impression and cast model scanning available for ProMax 3D, 3D Plus, 3D Mid, and 3D Max
- Upgradable all-in-one technology
- Open-architecture Planmeca Romexis software included
- Mac and PC compatible

See PLANMECA at
The Academy of Osseointegration
San Francisco Meeting
Booth #447
Do you know enough about the implant company you work with?

By DENTSPLY Implants Staff

Dental implant technology continues to evolve and grow through continued advancements in implant-to-abutment interface design, surface treatment, digital technology and patient-specific solutions. These developments have helped to simplify procedures, reduce treatment time, ensure more long-term and optimal outcomes and, ultimately, contribute to a higher level of patient satisfaction.

With these developments, new solutions and new companies are also continuing to emerge at a rapid pace, often making it more difficult to know what is the right choice for your practice and your implant patients. Some aspects to consider when choosing an implant partner may include:

- How long has the company been on the market?
- How much focus and resources does the company place on the research and documentation behind their products?
- What personnel and support are available to you in your product use and practice development?
- Is the company actively introducing new technologies and leading innovation and change?
- What type of warranty is in place should something happen?
- Will the company and products be around — not only today but tomorrow — when you need them?

These are all critical aspects to consider because, in most cases, your patients will rely on you for their long-term care. In turn, you should have the confidence that your implant provider will be there for you throughout the entire journey.

DENTSPLY Implants is based on a solid foundation of 40 years of expertise, knowledge and experience in all relevant fields and technologies of implant dentistry. Its comprehensive portfolio of solutions for all phases of implant therapy is designed to support its commitment to providing simplicity to its customers and is backed by extensive documentation, the company asserts.

The convenience of a “one-stop-shop” for implant treatment is truly delivered through the availability of solutions for digital treatment planning (SIMPLANT®); regenerative preparation of the implant site (SYMBIOS®), implant system options that include an internal conical connection (ANKYLOS® and Astra Tech Implant System™) or an internal flat-to-flat connection (XiVE®), and patient-specific restorations (ATLANTIS™) for cement-, screw- and attachment-retained implant-supported prostheses. These solutions are further supplemented by educational opportunities and practice-marketing tools.

The latest launch and introduction of its Astra Tech Implant System EV is another example of industry-leading innovation.

As a part of its focus on documented success, the foundation of this evolutionary step remains the unique Astra Tech Implant System BioManagement Complex with its key combination of features: the OsseoSpeed surface, microthread, conical seal design and connective contour. Well-documented for its long-term marginal bone maintenance and esthetic results, the average marginal bone reduction for the Astra Tech Implant System is, in fact, less than 0.3 mm after the first year of loading — a figure that still remains after five years.

The design philosophy of this new system is based on the natural dentition utilizing a site-specific, crown-down approach and is supported by an intuitive surgical protocol and a simple prosthetic workflow, for increased confidence and satisfaction for all members of the treatment team. The versatile range of implants and site-specific components are designed for long-term biological and clinical performance, ease of use, versatility of indication and mechanical robustness.

So what are you looking for in an implant company? If a strong history of experience and expertise, documented success, comprehensive solutions for all your implant needs and products and services of the highest quality matter to you, take a closer look at DENTSPLY Implants.
**Save Time and Money by the Bundle**

**BruxZir™ Implant Bundle**

$395* includes

- Inclusive™ Tapered Implant
- Inclusive™ Titanium Healing Abutment and Impression Coping
- Choose from a BruxZir™ Solid Zirconia Crown with Inclusive™ Custom Implant Abutment or BruxZir Screw-Retained Implant Crown

---

BruxZir Solid Zirconia, the world's most prescribed zirconia restoration, now comes as a complete tooth replacement solution. For about the same price as a crown and custom abutment, everything needed to replace a missing tooth is included. The bundle provides convenience and predictable treatment costs, and reduces the need to keep a supply of implants and prosthetic components on hand.

---

Inclusive is a registered trademark of Prismatik Dentalcraft, Inc.
*Price does not include shipping or applicable taxes.

**For more information**

888-786-2177
www.glidewelldental.com

---

**GLIDEWELL DIRECT**
CLINICAL AND LABORATORY PRODUCTS
Renovix Guided Healing Collagen Membrane ideal for grafting procedures

Ridge augmentation and sinus lifts are easier and more predictable with this product, reviewers say

By Salvin Dental Staff

The Renovix® Guided Healing Collagen Membrane from Salvin Dental is getting excellent reviews from doctors using it for pre-implant grafting procedures including socket preservation, ridge augmentation and sinus lifts. It combines the ability to drape and conform to the specific anatomy of a grafted defect, while maintaining structural integrity and elasticity. The combination of ideal handling characteristics helps to make grafting procedures easier and more predictable, the company says.

When it comes to selecting the perfect membrane for guided bone and tissue regeneration, there are many choices. Yet most clinicians are still looking for the ideal barrier that combines the best handling and performance characteristics.

Some collagen membranes remain stiff even after being hydrated, making it difficult to place over a ridge and conform to the shape of the defect. Other membranes have no memory and resemble wet tissue paper, making it extremely difficult to manipulate during surgery. Renovix was originally created for use in repairing pediatric cardiac defects. Cardiac surgeons needed a resorbable membrane to protect the surgical site without migration and have it cross-linked in a way that significantly reduced the chance of an inflammatory response. Based on these specific requests, the material used for Renovix was developed.

Renovix is fabricated from Type I porcine collagen, known to be one of the purest forms of collagen available, the company asserts. It is cross-linked with polysaccharide, a naturally occurring sugar, with excellent biocompatibility. The combined performance and handling characteristics of this membrane, along with specific requests from many implant surgeons, encouraged Salvin Dental to introduce Renovix for guided bone-regeneration procedures.

Case reports and clinical documentation are an important part of the decision process when determining how regenerative products will perform. Steve Wallace, DDS, MHS, from Wilmington, N.C., has used Renovix in more than 25 cases as a guided regeneration barrier after extraction and grafting of maxillary first and second molars in preparation for implant placement.

Wallace made the following statement detailing his clinical experience with Renovix: “Primary flap closure over maxillary molar extraction sites is always difficult to achieve. I have been using Renovix as my barrier over these grafted sites to exclude soft-tissue ingrowth. I have seen that Renovix remains intact up to 13 weeks and consistently promotes soft-tissue closure over it with minimal inflammation.” When it is first removed from its sterile packaging, Renovix becomes opaque, making it easy to identify when brought into the surgical field, and it is very easy to manipulate.

Clinicians have said that they get their best results when trimming it after it has been hydrated, the company says. Renovix is very thin, yet has remarkable tensile strength. This characteristic provides several clinical advantages. First and foremost, it can easily be tucked or sutured to the surgical site if needed. Next, it can be tucked into small tunnel incisions using a micro periosteal elevator without concern that the instrument will easily puncture through the membrane.

Finally, the fact that Renovix is thin and resilient enables the clinician to elevate smaller flaps, leaving more of the periosteum and blood supply undisturbed, for faster healing and less patient discomfort, according to Salvin Dental.

James Woodyard, DMD, MS, from Newburgh, Ind., made the following statement regarding his experience with Renovix: “The thinness and excellent tensile strength of Renovix allows me to create small tunnel incisions and tuck it under the tissue without tearing the membrane. With thicker membranes that I used in the past, I had to create large full thickness flaps, and many of the other thin membranes had a tendency to tear when I tried to tuck them. “When I decrease the size of the flap elevated and exposure of bone, I decrease post-operative swelling, pain, bone loss and discomfort for the patient. The less invasive I can be, the less complications I have. I am extremely pleased with the results that I have seen when using Renovix.”

Renovix is available in three different sizes and is individually packaged sterile for immediate use. Many doctors like the 15 x 25 mm size because it will typically fully cover a grafted extraction socket from the buccal to the opposing lingual plate, maintaining full coverage over the ridge, without having to select a larger size. This unique size reduces waste and saves money by often eliminating the need to select the next larger size, the company says.

If you would like more information about Renovix or would like to give it a try, please see the team of experts at Salvin Dental at booth No. 825 at the Academy of Osseointegration Annual Meeting. You may also visit www.salvin.com or speak to a sales representative at (800) 535-6566.

Renovix Guided Healing Collagen Membrane from Salvin Dental conforms to the surgical site when hydrated, says Dr. Steve Wallace. Photos/Provided by Dr. Steve Wallace and Salvin Dental