No false modesty, the concept is brilliant: a bone filling material which is injectable, hardening in situ, ready-to-use, fully synthetic, completely resorbable and finally replaced by bone, all this without using a membrane. The miracle product!

PD (Produits Dentaires SA, Switzerland) started ten years ago the development for the dental industry of a brushite bone regeneration product stemming from the Swiss Federal Institute of Technology in Lausanne. Five years later, in 2006, the result, PD VitalOs Cement, was launched on the market. During five years of commercialization, we have convinced numerous users of the concept, especially among those believing that the so-called miracle product does not exist yet. On the other hand, it is certainly possible to find the adequate and performing product for each clinical indication or situation. For VitalOs, the clinical results are exceptional in specific situations in immediate implantation, as well as for horizontal ridge distraction. However, the restricted indications also limit the revenue, and the latter turns out to be insufficient, at least in the model followed so far. VitalOs is a product that would most make sense inside a complete bone regeneration portfolio, with each product dedicated to a specific indication where it performs best.

Well then? What will happen with the product? Maybe another manufacturer will show interest to integrate it into its product portfolio? It’s difficult to say this today. At least, the concept will leave traces, some are already visible today, looking at the increasing number of products presented in syringes, ready-to-use, and even some with hardening properties.

For the time being, we would like to thank warmly all the partners that took part in the project, especially the users who took the time to understand the product and to adapt their way of working in order to get the best possible results. We also would like to address our very special thanks to the opinion leaders who set up and ran the studies, and presented their results in articles or in presentations during congresses.

PD focuses now strategically on its core business (www.pdsa.ch), and wishes that the users who adopted the product will find in the future a product issue-sued from the concept they have stuck to.

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BEGO Implant Systems

Mediterranean Implantology Symposium 2011

“Implantology—the complete state-of-the-art: from planning to final rehabilitation”—the first BEGO Mediterranean Symposium—will take place on 20 and 21 May 2011. Be sure to make a note of this date now. The number of delegates at this exclusive event will be restricted to 300.

On both days, delegates will receive an up-to-date overview of the implant issues affecting ambitious implantologists and which are currently being discussed worldwide. The topics range from 3-D implant planning and surgical navigation to complicated augmentation techniques and CAD/CAM in implant prosthodontics, to name but a few.

15 top-class international speakers will give interesting, in-depth explanations of the scientific background to the topics. The speakers from seven different countries (Spain, Turkey, Germany, the Netherlands) include Prof Dr Dr Schultz-Mosgau (Jena), Prof Dr Wainwright (Düsseldorf), Dr. Fernandez (Ibiza, Barcelona), Dr Abboud (Bonn), PD Dr Dr Rothamel (Cologne), Prof Dr Artunc (Izmir). The symposium will take place in the renowned 5-star Dolce Hotel (www.dolce.com) in Sitges (36 km south-west of Barcelona). In addition to the mentally enriching symposium, delegates with a keen interest in sport can participate in some physical exercise on the golf course adjacent to the hotel or in the large spa in Sitges. The delegate fee for the two-day symposium is € 350, which includes catering during the day and a certificate of attendance.

There is an additional charge of € 80 for the Friday evening event. You can save € 60 if you register early, not later than the end of January 2011. The symposium will be conducted in English.

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21st Lebanese Dental Association meeting
And
7th Arab-German implantology meeting of DGZI
(Joint Congress)

Congress Palace-Dbayeh-Lebanon
21-24 September 2011

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Implant Direct

Combined Implant and Abutment Businesses

Sybron Dental Specialties, Inc., and Implant Direct Int’l Inc. announced that they have entered into a definitive purchase agreement pursuant to which Sybron Dental and Implant Direct will combine their implant and abutment businesses into a single operation to be named Implant Direct Sybron Int’l. The combined business will be led by Dr Gerald Niznick, president and founder of Implant Direct.

Dan Even, President of Sybron Dental Specialties’ stated, “Implant Direct has created a unique value proposition in the implant industry by being able to offer high quality, innovative dental implant products at affordable prices through its state-of-the-art manufacturing facility in Los Angeles, California. Under Dr Niznick’s continued leadership, this acquisition, in combination with Sybron Implant Solutions and Attachments International, strengthens Sybron’s position in the implant industry and offers Implant Direct the opportunity to accelerate sales growth of what is already the fastest growing company in the implant industry.” Dr Niznick added, “I am very excited to be a part of Sybron, which has a 100 year history of providing service, quality and innovation to dental professionals. With our exceptional manufacturing and product development capabilities, together we will broaden the opportunities for dentists and patients around the world to enjoy the benefits of high.

Schütz Dental

A professional implant system does not have to be complicated!

Our IMPLA™ research and development team is composed of in-house engineers as well as external professional users such as implantologists, oral surgeons and dentists. Over the years, the goal of this team has always been to create an implant system that leaves nothing to be desired for beginners as well as for advanced implantologists. The system features all necessary tools and accessories, from a well-appointed surgery box all the way to platform switching, to make implantation as easy and as safe as possible for all parties concerned. The IMPLA™ family has grown significantly over the years. One traditional part of the family is the classic IMPLA™ Dual Surface implant, a conical screw implant with a passive thread and a polished implant shoulder. A newer member of the family is IMPLA™ Micro Retention with its special primary stability. This implant is especially suited for very soft bone. A micro thread at the implant neck gives this implant the little bit of extra stability necessary for implantation in combination with a sinus lift. IMPLA™ Cylindrical is the all-rounder and suitable for nearly every indication. Its self-cutting thread offers the necessary flexibility required by beginners as well as advanced users. Integrated platform switching reduces the marginal bone loss to a minimum. All IMPLA™ implants have a high-purity surface which is obtained with a special surface treatment procedure and a specific acid formulation. This method creates an ideal surface roughness superior to that of many other implants available in the market. Furthermore, IMPLA™ implants are manufactured with a highly precise internal hexagon which ensures an accurate fit between implant and abutment. Brand new and available since the beginning of 2011 is our latest development, the new onestage Mini implant, supplied with a conical or a ball-abutment. Just imagine that you would not even have to decide between those many options beforehand! The IMPLA™ surgical box contains all tools necessary to insert each of these different implants, leaving you with the flexibility to decide which implant you prefer as each case presents itself. In addition, with the computer navigation system IMPLA™ 3D for precise planning and template-guided implantation, IMPLA™ offers you a great tool for virtual planning using a three-dimensional bone model.

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TURKISH SOCIETY of ORAL IMPLANTOLOGY
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Join Meeting

Abstracts can be submitted for oral & poster presentation. Abstract submission deadline: 1 May 2011

Club Med Palmiye, Kemer - Antalya 7 - 10 June 2011

Speakers
Dr. Christof Pertl
Dr. Martin Lorenzoni
Dr. Gernot Wimmer
Dr. Serdar Yalçın
Dr. Cüneyt Karabuda
Dr. Selim Ersanlı
Dr. Cabbar Hasanov
Dr. Mazen Tamimi
Dr. Suheil Boutros
Dr. Michael Payer
Dr. Volkan Arısan

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www.toid.info

* 6 days accommodation (all inclusive) and attendance fee: Euro 810 -per person
* 4 days accommodation (all inclusive) and attendance fee: Euro 550 -per person
The ITI launches a global online portal for its membership

The International Team for Implantology (ITI), a leading academic organization dedicated to the promotion of evidence-based education and research in the field of implant dentistry, has announced the successful launch of the ITInet—its new online portal. The ITInet is a unique platform that supports knowledge exchange and networking and also offers continuously updated content and interactive services. The ITI with its membership of more than 8,000 provides free access to the ITI. Users share their expertise while at the same time extending their personal network of contacts on a worldwide basis. Various discussion forums are available at a global and national level. ITI Fellows and Members can not only participate in or observe clinical discussions on current topics, but can also start new discussions threads or ask the opinion of colleagues on, for example, potential treatment options in concrete cases. Each of the 26 ITI country Sections also has its own forum in which local topics of interest can be discussed in the country’s own language. In addition, each ITI Fellow and Member is provided with a personal area for their individual use. As with other social networks, users can extend their personal network on a long-term basis by making contact with colleagues and friends within the ITI.

The ITInet also offers a powerful cluster search facility that draws on various scientific resources and delivers its results dynamically by subject area. This new technology allows users to carry out targeted research simply and effectively in a wide variety of areas. The platform is rounded off with an online version of the highly successful reference volume “Glossary of Oral and Maxillofacial Implants” and literature updates six times a year as well as RSS feeds from other scientific resources. Overall, the ITInet offers an excellent opportunity for users to benefit from the collective knowledge of the ITI community worldwide.

EMS

Piezon Master Surgery with three new instrument systems

Since it was introduced, Piezon Master Surgery—based on Piezon technology—has had a remarkable track record in many practices. Today, EMS has expanded the clinical scope of application of the Piezon Master Surgery product range. With an enhanced product offering—and special instruments such as Sinus System and Implant System—practitioners have access to technologies allowing them to work even more efficiently.

Dentaurum Implants

Planning for safe implant placement

Modern 3-D imaging processes such as DVT and CT give users a better view of existing jaw structures and bone conditions before a surgical procedure, allowing them to determine the ideal implant position and design the optimum protocol. The tioLogic© pOsition navigation system has been designed to work with imaging processes and 3-D planning software for guided preparation followed by placement of tioLogic© implants. If the indication allows it, tioLogic© implants can be restored immediately with previously fabricated prosthetics. The tioLogic© pOsition includes specially designed instruments and accessory components for preparation of the bone site and implant placement. The sleeves for the tioLogic© pOsition system are made of titanium and guarantee accurate guidance of the drills. The bone isatraumatically prepared to the specified implant length while gradually widening the diameter. Working with the tioLogic© pOsition has been designed to be simple and safe for users with the inclusion of many specially designed details such as the ability to adjust the handle of the internal sleeves in three dimensions for work in restricted spaces or the silicone ring that fixes the internal sleeves in position during the procedure.

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Nobel Biocare

Versatile and easy-to-use

Backed by more than 40 years of successfully treating edentulous patients, Nobel Biocare introduces another versatile product for implant-supported overdenture solutions.

Replace Select TC is a two-piece implant with a 3 mm high, extended machined collar, which enables platform access at tissue level (Fig. 1). Simultaneously, its color-coded internal tri-channel connection facilitates accurate and quick restorative component identification and placement. Moreover, the body of Replace Select TC is derived from Brånemark System™ MKIII implants, making it well-suited for all bone types and one-stage treatment protocols, with excellent clinical results. In a retrospective study with an average three year follow-up, Replace implants with 3 mm collars demonstrated a cumulative survival rate of 99.2%.1

To facilitate immediate temporization using existing dentures, a new healing screw was developed for Replace Select TC—designed to prevent soft tissue overgrowth (Fig. 2). Two different screws are available to accommodate soft tissue thickness and facilitate intraoperative flexibility: 1 mm and 3 mm height variants.

Final prosthetics can be attached to Replace Select TC using any Nobel Biocare overdenture solution: Locator Abutment®, Ball Abutment, Gold Abutment Bar/Gold Coping Bar and NobelProcera Implant Bar Overdenture. By using Replace Select TC implant treatment times can be reduced, which usually leads to increased patient satisfaction. Replace Select TC should be considered the overdenture solution implant of choice for both surgical and prosthetic management options.

Degradable Solutions

World premiere at IDS

IDS 2011 will see the first presentation worldwide of the biphasic calc-i-oss® crystal by Degradable Solutions, a product consisting of 100% synthetic bone replacement particles (60% HA, 40% pure-phase B-TCP) exhibiting a rotund, interconnected and highly porous shape. calc-i-oss® crystal is the logical complement of easy-graft™ CRYSTAL. It is especially useful in large defects, which can be filled with calc-i-oss® crystal first, then covered with easy-graft™ CRYSTAL. In the same manner, autologous bone or bone morphogenetic proteins (BMP) may also be introduced into the region to be augmented and a stable coverage of the defect is ensured. easy-graft™ CRYSTAL and easy-graft™ CLASSIC are good examples of successful product maintenance. Its special handling continues to win over more and more supporters, enjoying numerous well-documented examples of long-term success. In contact with blood, the material will take only a few minutes to solidify into a porous body that has the same shape as the defect, which will often render membrane coverage unnecessary. The difference between easy-graft™ CLASSIC and easy-graft™ CRYSTAL is in their chemical composition, making them suitable for different indications. “Classic” easy-graft® consists mainly of B-TCP. It is fully resorbed by the body and replaced by bone. By contrast, easy-graft® CRYSTAL is only partially resorbed. It consists of coated biphasic calcium phosphate (40% B-TCP, 60% HA). The hydroxyapatite fraction remains integrated in the bone, ensuring sustained volume stability.

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1 TC = Tissue Collar.
2 Two clinics placed 132 Replace Select Straight implants with 3 mm machined collar in 48 edentulous patients using one-stage surgery, loaded after 9 to 12 weeks with an overdenture solution (preliminary data from external study 2010–2011).

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With Omnia sure to be safe.

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