Manufacturer News

Oemus Media

NEW! Laser—international magazine of laser dentistry

Starting on the IDS International Dental Show in March the first issue of the International Laser Magazine will be published by Oemus Media AG. In cooperation with the World Federation of Laser Dentistry (WFLD), the magazine was made for commissioning the international know-how-transfer in laser dentistry. Like to the IMPLANTS, the international magazine of oral implantology, which is published very successful since more than 10 years, readers get a periodic update by user-oriented case reports, scientific studies and manufacturer news from the all over the world of laser dentistry. Reports about international congresses, meetings and international activities of the World Federation of Laser Dentistry will have an important significance in this regard.
LASER—international magazine of laser dentistry will be published four times a year in English language.

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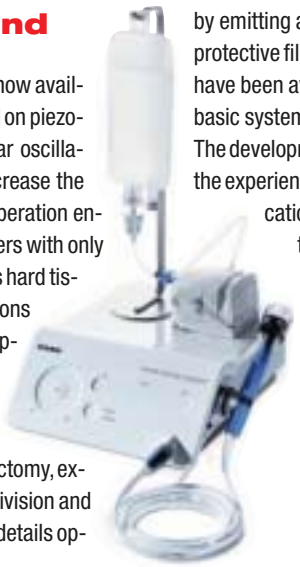
EMS

Precise and gentle: Bone sections using ultrasound

Piezon Master Surgery by EMS means that the Piezon method is now available in dental, oral and maxillofacial surgery. The method is based on piezoceramic ultrasound waves which produce high-frequency, linear oscillations forwards and back. According to EMS, these vibrations increase the precision and security of surgical applications. The ultrasound operation enables a micrometric section cut in an area of 60 to 200 micrometers with only a slight loss in bone mass. The ultrasound ray only selectively cuts hard tissue; soft tissue remains untouched. The high-frequency vibrations with permanent cooling also mean that there is little blood in the operating area and thermal alterations are avoided.
Piezon Master Surgery can be used in parodontal, oral and maxillary surgery as well as in implantology. Specific indications are osteotomy and osteoplastics, extraction, apical root resection, cystectomy, extraction of bone blocks, sinus lift, nerve transposition, jaw ridge division and extraction of autologous bones. According to the manufacturer's details operation using the touch board is easy and hygienic. By moving your fingers over the notches of the operating elements, the power as well as the flow rate of the isotonic solution can be regulated. The LED reacts to the moving fingers by emitting a quiet signal, even if a hand is in a glove or if an additional protective film is used. For reasons of hygiene, corners, joints and chinks have been avoided in the design. Piezon Master Surgery is offered as a basic system with five instruments for use in implantation preparation. The development of the exclusive Swiss Instruments Surgery is based on the experience of 25 years' continual research and covers various applications, according to EMS. The user has optional systems for tooth extraction, retrograde root channel preparation and procedures on bones at his disposal. All systems contain autoclavable Combitorques and a Steribox.



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Dr. Ihde Dental

A new implant presented by Dr. Ihde Dental

Offering premium quality at attractive prices— that is the corporate mission of Dr. Ihde Dental. Of course this mission also applies to the new Hexacone implant, which has been designed specifically with platform switching in mind. The Hexacone bone-level implant is a self-tapping implant that provides a high level of primary intraosseous stability, with improved bone healing thanks to a special concavity integrated into the design. The implant features a microthreaded neck, ensuring excellent bone apposition. To prevent trauma to anatomical structures such as the maxillary sinus floor or the mandibular nerve, the implant was designed with a rounded apical end. Like the other Dr. Ihde Dental implant lines, the Hexacone implants are coated with an osmoactive surface.

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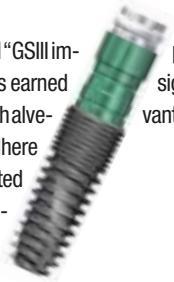
OSSTEM

"GSIII implant"—"Excellent initial fixation, convenient operation"

Since beginning of 2008, OSSTEM IMPLANT showed a new product called "GSIII implant". As the latest product in the GS System line, the "GSIII implant" has earned raves for its excellent fixation following implant placement. For patients with alveolar bone that is not hard enough, the time it tool for bone and implant to adhere following implant placement was somewhat long. "GSIII implant" is expected to reduce the time it takes for the implant to be fixed on the bone after placement considering the excellent initial fixation. This in turn will result in considerably shorter treatment time, which is clear advantage. In addition, a huge increase in demand is expected from dentists who perform the operation because the new product has many advantages such as convenience in controlling the implant placement depth, convenience in performing the operation, excellent placement touch, and convenience in changing the placement direction. Since the target market does not overlap with the market for the company's existing products, this product is expected to aid in the market's growth and make a significant contribution that will enable the OSSTEM implant system to gain advantage along with the existing products in competition with other implants.



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DOT

Fast and Safe Bone Regeneration

BONITmatrix is a proven synthetic bone graft material with considerable advantages for surgeons and patients. The material shows an excellent biocompatibility due to nanostructured calciumphosphates which are embedded in a bioactive Silicadioxide-Xerogel matrix. BONITmatrix® is integrated into the natural bone remodelling process and therefore completely resorbed. Furthermore the material accelerates bone regeneration, shows a very good osseointegration and can reduce the healing time. HyproSorb® F is a bioresorbable bilayer Collagen membrane for Guided Bone and Tissue Regeneration (GBR/GTR). The membrane acts for approx. 6 months as a safe barrier to prevent ingrowth of soft tissue before it will be resorbed. Furthermore the membrane shows good biocompatibility as well as optimal handling properties due to high tensile strength.

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W&H

W&H surgical instruments with LED and generator

Excellent lighting conditions facilitate perfect treatment results. That is why W&H has developed a new generation of surgical instruments that enable you to operate with daylight quality light and with light sources that are self-sufficient. The perfect white LED light is completely self-generated. This is down to the integrated generator that supplies energy to the light-emitting diodes. En clair: Independant of the operation unit—with or without light—the new surgical instruments with integrated generator allow operations with best possible LED illumination. Another impressive addition to the W&H product range—surgical instruments that provide daylight-quality light in the treatment area, independent of the respective drive system. Both the SI-11 LED G straight handpiece and the WI-75 LED G contra-angle handpiece are compatible with any motor with ISO coupling. As soon as the straight or contra-angle handpiece is operated, the generator independently produces electricity for the LEDs. An additional, separate electricity supply is not necessary. Light emitting diodes are based on semiconductor connections that convert electricity directly into light. This results in robust light sources that barely heat up, that are shock-resistant and that do not emit any harmful IR or UVA rays. Furthermore, LEDs have a much higher durability than conventional light sources. Due to the colour temperature, the LED light colour corresponds to neutral white light. This light creates a sharp visual contrast, which gives significant support to the user's vision and means that their own eyesight is not damaged. Both instruments have a tried and tested construction and are thermodisinfectable and sterilizable at 135 °C.

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MINERAL
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A truly resorbable Calcium Phosphate cement

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stabilizing effect

1 stage

Facilitates one-stage surgery

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complete and tight filling

Stabilizing effect
strong adhesion to implant

Solid interphase
cement

2-in-1

Filler and barrier
bone substitute / membrane in one

Cost effective
no membrane required

Ready to use

Time saving
no premixing required

Simplicity
directly injectable

Safe
reduced risk of contamination

Visit us: IDS 2009
Hall 10.1 Booth A N°: 068

www.vitalos.com
Produits Dentaires SA / Switzerland

Sybron Implant Solutions

Now also available: Cytoplast Membranes titanium reinforced or resorbable

For the application of membranes, the reliability and predictability are major preconditions. The proven membrane Cytoplast Non Resorb of Sybron Implant Solutions, Bremen, has guaranteed both facts for more than 10 years. Sybron Implants now introduces two new membranes. The Cytoplast TI 250 membrane is a non-resorbable and titanium reinforced membrane available in three dimensions. The reinforcement with titanium grade 1 increases the stability of this membrane and allows space preservation for an augmentation. Indents within the surface of the membrane provide a structure which enlarges the available area for cell adhesion to 250%. A microporosity of less than 0.3 micron prevents an infiltration of bacteria as well as cells so that the membrane can remain exposed. In addition, the new resorbable membrane Cytoplast RTM has been included in the sales program. This membrane of highly purified (type 1) bovine achilles tendon allows a tissue integration into the outer layer thanks to the multiple layer structure, thus preventing a direct migration of bacteria and epithelial cells. The unique fiber alignment supports the tensile strength. The membrane is cell-occlusive and of optimal flexibility and enables an easy handling. Each side of the membrane can be placed on the defect. With the relatively long resorption time of 26–38 weeks the membrane is suitable for the use in periodontal defects, sinus lift osteotomy and augmentation of soft tissue. Aside from these outstanding product qualities, the Cytoplast membranes feature a very favourable cost-performance ratio. With the purchase of 4 boxes, another box will be delivered free of charge. Case documentations and a step-by-step instruction are available at

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CAMLOG

CAMLOG under new leadership— Dr Michael Peetz appointed as CEO

After five years of successfully heading the CAMLOG Group, Jürg Eichenberger stepped down as Chief Executive Officer of CAMLOG Biotechnologies AG, Basel/ Switzerland, at the end of last year. He maintains his function as Chairman of the Board of Directors of CAMLOG Holding AG. In the years from 2003 to 2008, decisively shaped by Jürg Eichenberger, the international CAMLOG Group has continuously developed above market average. As of January 2009, Dr Michael Peetz has been appointed new CEO of CAMLOG Biotechnologies AG. He is exceptionally experienced and qualified to succeed Jürg Eichenberger. From 1990 to 2008, Dr Peetz held important executive positions with Geistlich Pharma AG, Wolhusen/Switzerland. As a Managing Director, Chief Operating Officer, and member of the Executive Board, he led Geistlich Biomaterials into the position of the world-wide leading provider of Regenerative Products and turned this division into a profitable and internationally significant business unit. Dr Peetz is also founder and a member of the Board of Directors of the OSTEOLOGY FOUNDATION and a member of its Scientific and Education Committees. He was the initiator of a series of world-wide recognized OSTEOLOGY congresses with more than 2,500 participants.

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Omnia

Surgical aspirator tubing with bone-collector fittings

The aspiration system devices are widely used products in odontoiatric clinics during the different medical procedures. Their aim is the aspiration of blood and liquid secretions produced in the oral cave during the oral surgery or during routine procedures and conservative treatments. The surgical aspiration system manufactured by OMNIA is designed to be used in the most different medical disciplines and expecially in oral surgery. The special ergonomic shape of the cannula makes aspiration operations simple and accurate, even in presence of draft material. The lightweight medical grade PVC pipe assures mobility and comfort during long surgical operations. The surgical aspirator can be fitted with Osteotrap bone filter. The purpose of the filter itself is to collect autologous removed bone usally lost during the creation of the implantal area through the filtration of what has been aspired. This allows to collect a quantity of material equal to the volume of the implant itself. Osteotrap is a high quality medical device designed to be used during oral surgery, implantology and maxillo facial surgery.

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Sybron Implant Solutions

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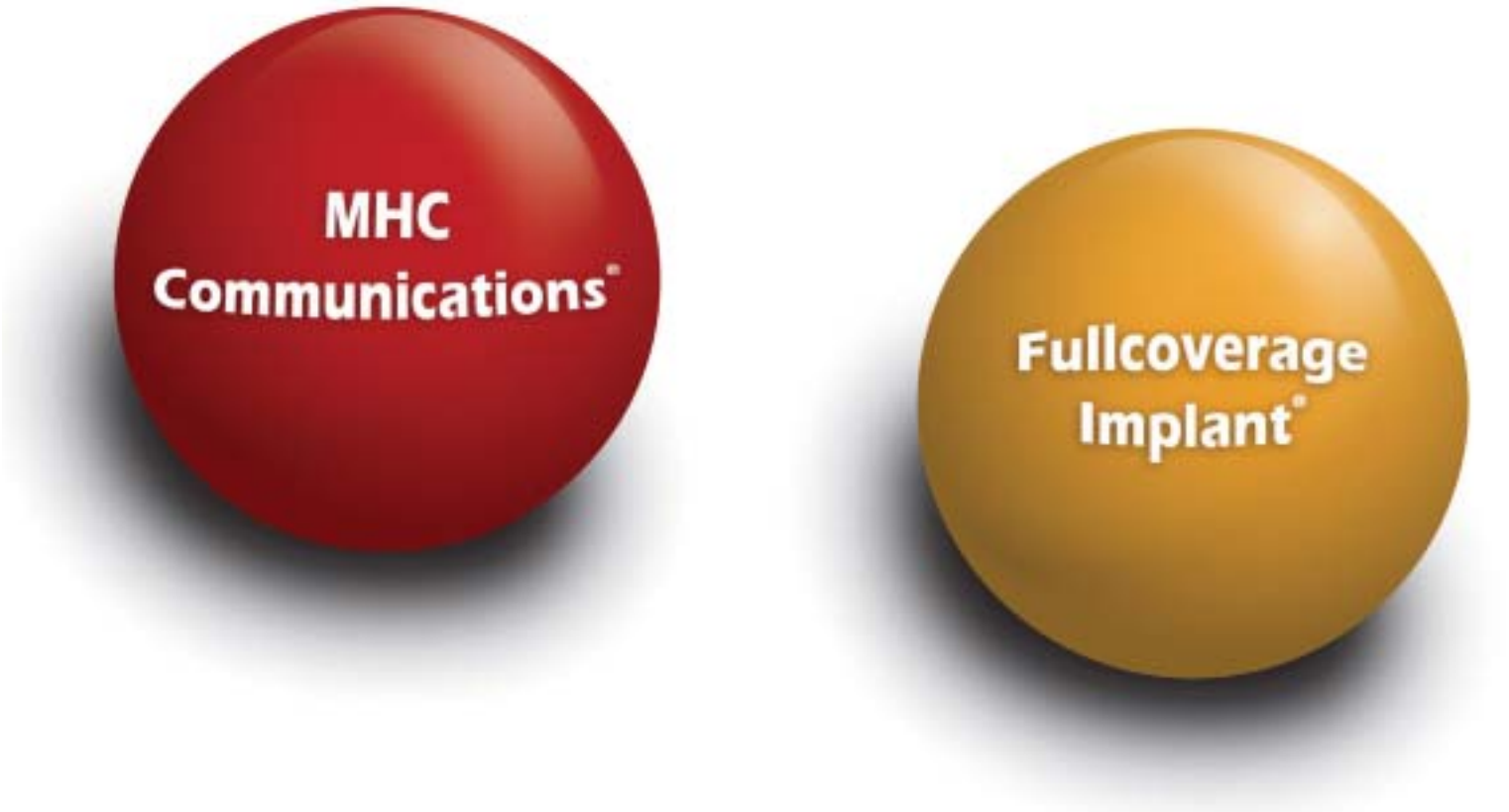

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MedicalHighcare Communications

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