

# Manufacturer News

## Implant Direct

### New Swish™ Angled Overdenture Abutments

The new Swish™ Angled Overdenture Abutments feature a compact, one-piece angled base with screw-receiving head designed for reduced vertical height. Available in 15° and 30° for 4.8 mm platforms, these abutments simplify treatment of fully edentulous jaws by achieving parallelism when implants are inclined. With an industry-standard internal octagon connection, 4.8 mmD Angled Overdenture Abutments are compatible not only with the SwishPlant™ and SwishPlus™ but also with Straumann® Tissue-Level implants — offer-



ing Straumann customers a whole new way to treat fully edentulous patients. The Angled Overdenture Abutments package includes a one-piece angled base with screw-receiving head, Duo-Grip™ fixation screw, transfer and comfort cap.

#### Implant Direct Europe AG

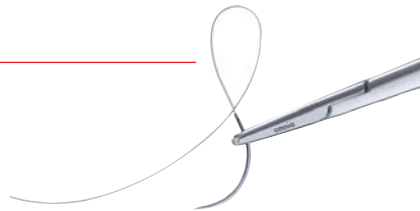
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## Omnia

### PTFE surgical sutures

In addition to the traditional surgical sutures made of silk, polyester and absorbable PGA, Omnia expands its offer of surgical sutures by introducing the new generation. Omnia PTFE sutures are soft, biologically inert and chemically non-reactive. Main features of PTFE sutures are a great fluency of the thread along the tissues and a strong knot holding. Its material is highly tolerated in the oral cavity. Furthermore, PTFE sutures are optimal to limit inflammation, bleeding and other collateral effects which may occur during the soft tissue approximation. The sutures are available in different combinations of diameter and length with different kinds of needles. Omnia PTFE sutures can be applied in any implant, periodontal and bone



graft surgery, where the usage of a monofilament suture with low bacterial adhesion is recommended. PTFE sutures are available in convenient boxes of twelve pieces each

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## Geistlich

### Seal for good soft tissue outcome

Aesthetic treatment results are extremely important to patients. A key factor for success is the condition of the soft tissue. Many dentists take the opportunity to optimise soft tissue immediately after an extraction by sewing a tissue punch from the palate into the new socket. However, graft removal from the palate is painful and creates a second wound. By using a Geistlich Mucograft® Seal collagen matrix instead of autologous soft tissue, the dentist spares the patient pain and surgery time. The 8 mm disk is made of the same proven material as Geistlich Mucograft® colla-

gen matrix and displays the same properties. It protects the graft and creates soft tissue that matches perfectly the colour and texture of its surroundings. Geistlich Mucograft® Seal is sewn over an extraction socket that has been filled with Geistlich Bio-Oss® Collagen during a ridge preservation procedure. An undamaged buccal bone plate is a prerequisite for this. Products from Geistlich Biomaterials are marketed only after they have been scientifically tested and have demonstrated clear clinical value. An international advisory board, under the direction of Prof. Mariano Sanz,

## Straumann

### A new level of confidence for patients and dentists

Two of the largest international clinical studies performed to date demonstrated good clinical performance of Straumann Bone Level implants. Evaluating more than one thousand implants in Europe, the US and Australia, both studies reported high implant survival rates of more than 98% with practically no bone loss around the implants. The findings are considerably better than values reported in a comprehensive review of previously published studies with other implants. One of the studies, a large 'non-interventional study' (NIS) was conducted in Europe and the US, evaluating a total of 908 implants in 538 patients at more than a hundred dental practices in six countries. It revealed an implant survival rate of 98.5% after one year, the bone level remaining stable in the majority of cases. The investigators concluded that treatment with Straumann Bone Level Implants yielded successful outcomes in 'real life' conditions. The new studies add to the wealth of strong clinical evidence backing the Straumann dental implant system and thus provide very good reasons for patients and dentists to insist on Straumann implants rather than undocumented alternatives.



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Spain, assessed the new product. The experts' opinion was that ridge preservation in combination with Geistlich Mucograft® Seal is a predictable approach.

#### Geistlich Pharma AG

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Planmeca

**Three types of 3-D data with one Planmeca unit**

Planmeca's 3-D X-ray unit range now offers a combination of three different 3-D data. With just one unit, the user can acquire a patient CBCT image, 3-D face photo and 3-D model scan, and combine these data in one software suite. A virtual patient is created for different clinical needs.

3-D model scanning: Planmeca is proud to introduce a new imaging mode to its Planmeca ProMax® 3D X-ray units. The imaging mode is designed for scanning impressions and plaster casts. Impressions are automatically inverted to digital casts and instantly stored in the Planmeca Romexis® software in standard STL format. For orthodontic purposes, the STL data can be further analysed in the Planmeca Romexis® 3D Ortho Studio module. The Romexis database stores all digital casts together with other patient images. The 3-D model scans can also be utilised in orthodontic surgery planning and for follow-up of the patient's treatment progress.

Planmeca ProFace®: Planmeca ProFace® is a unique 3-D face photo system available for the whole Planmeca ProMax 3D family. Designed to fulfil the most diverse diagnostic needs of today's maxillofacial and dental professionals, the system generates both a 3-D face photo and a CBCT volume in just one imaging



session. The 3-D photo can also be acquired separately in a completely radiation-free process.

Planmeca ProMax® 3D family: The Planmeca ProMax 3D family is an intelligent, all-in-one X-ray unit range designed to obtain complete information on patient anatomy in the minutest detail. The units provide digital panoramic, extraoral bitewing, cephalometric, and 3-D CBCT imaging, 3-D face photos and now also 3-D model scans. The wide selection of volume sizes allows optimising the imaging area according to a specific diagnostic task. All patient images are conveniently processed in a single software suite, Planmeca Romexis.

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Bioimplon

**Innovative lyophilized bovine bone graft**



One vision, two companies and many years of research conducted to the patented, revolutionary, natural, atelo-peptidized and lyophilized bovine bone graft composite "Hypro-Oss". After intensive research and development, medical researchers of Bioimplon and polymer chemistry engineers realized the breakthrough: A bone graft substitute, which potentially reduces or eliminates the need for autografts. In January 2013, the patented bone graft substitute "Hypro-Oss" was formally presented. It combines scaffolding properties with biological elements to stimulate cell proliferation, differentiation and osteogenesis. The atelo-peptidized Hypro-Oss was processed with a special lyophilization technol-

ogy, avoiding any heating of the material for preserving the natural bio-elements, which conduct complete new bone formation in just 14 weeks.

The Hypro-Oss has also strong hydrophilic properties, optimal cell adhesion, blood absorption, excellent handling and high biocompatibility because of the atelo-peptidation and lyophilization. The natural, crystalline structure and optimal porosity guarantees long-term dimensional stability. Thanks to the atelo-collagen, it has powerful hemostatic and bacteriostatic properties.

There are no swelling or hematoma complications after sinus lifting or surgical procedures according to many clinicians' observations.

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AD

**OMNIA**  
Disposable Medical Devices

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don't be satisfied  
with a second choice, Pick up  
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Company capital € 200.000,00  
[www.omniaspa.eu](http://www.omniaspa.eu)

Degradable

**Preparing for the future of implant dentistry**

The 22<sup>nd</sup> Annual Meeting of the European Association for Osseointegration (EAO) will take place in Dublin and Ireland from 17–19 October 2013, with the theme “Preparing for the Future of Implant Dentistry”.



Nearly 70 speakers and more than 3,000 delegates from around the world are expected to participate in the congress. The Sunstar Foundation is sponsoring the Breakfast Symposia on Friday, October 18, 7.45–8.45 am where Prof. Dr Engelke, University Göttingen, will be lecturing about „Alveolar Ridge Preservation using Endoscopically assisted Root Enucleation in Anterior Maxillary Extraction Sites“. As a silver sponsor Sunstar will present their products at the commercial exhibition which runs throughout the period of the congress. Visit them at booth no. S32 and learn more about the innovative product range.

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DENTSPLY Implants

**First Jan Lindhe Satellite Symposium in China**



Numerous international experts are gathering to host a lecture series on the topic “Optimizing Implant Therapy” at the first Lindhe Symposium in October in Beijing, China. The topics covered at the symposium are as diverse as the field of implantology itself: from the planning of treatments, over functional and aesthetic aspects, to challenging situations during patient treatment.

Renowned speakers — such as Lyndon Cooper (USA), Ye Lin (China), Stefan Hassfeldt (Germany) and Jan Lindhe (Sweden) himself — ensure the presentation of interesting, evidence-based conclusions on different treatment procedures in implant dentistry. The objective of the event is to provide participants with new ideas for optimal patient care. The symposium is organized by Peking University, in association with the Univer-

sity of Gothenburg. This event is a supplement to the successful symposium in Gothenburg, Sweden, which is held every three years in honour of Jan Lindhe, a noted scholar and scientist in the field of periodontology and implant dentistry. It was founded in 2006 and is organised by the Sahlgrenska Academy at the University of Gothenburg. The Satellite Symposium in China will take place from October 26–27 in the Friendship Palace Hotel, Beijing.

DENTSPLY Implants is sponsor of the symposium.

More information and registration:  
[www.janlindhesatellitesymposium.com](http://www.janlindhesatellitesymposium.com)

**DENTSPLY Implants**  
[www.dentsplyimplants.com](http://www.dentsplyimplants.com)

Syneron Dental Lasers

**Red Dot Design Award in the Life Science and Medicine Category**

Syneron Dental Lasers, provider of innovative hard & soft tissue dental laser technologies, has been selected among the winners of the international Red Dot Award, for product design in the Science and Medicine Category. This year, a jury of international experts evaluated over 4,700 entries from 54 countries within 19 different products categories against key criteria including the degree of innovation, ergonomics, durability and ecological soundness. The awards were presented on July 1st at Aalto Theater in Essen, Germany.



The Red Dot jury selected LiteTouch as the award winner because of its innovative fiber-free laser delivery technology. Thanks to miniaturization of Syneron Dental Lasers' laser technology, the whole power generator is incorporated within the Laser-in-Handpiece™ mechanism. This innovative solution mimics the feel of the turbine drill,

yet incorporates laser-unique benefits: micro surgery, quicker healing, minimal invasive treatments and higher acceptance of patients to dental treatments.

Researches in the implants and surgery field suggested that bone surgery with LiteTouch™, when compared to the mechanical drill, may enhance bone regeneration by increasing the amount of growth factors present in stemcells. In addition Lite-Touch™ has been reported to be used successfully in implant therapy and for the treatment of periimplantitis.

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