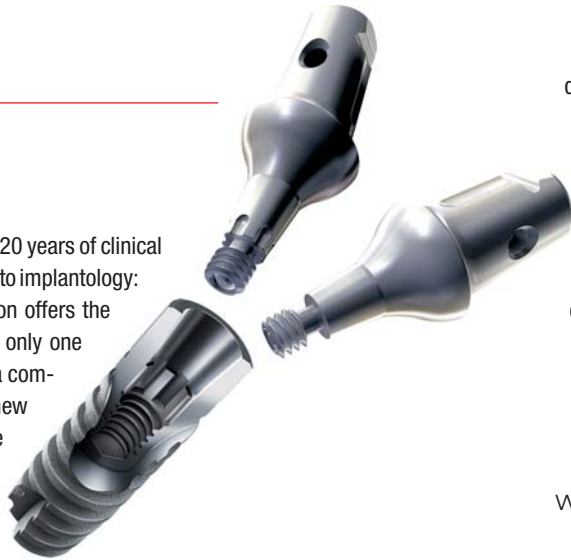


# Manufacturer News

DENTSPLY Friadent

## ANKYLOS C/X— The New Generation

All the advantages of an implant system backed by 20 years of clinical success combined with an innovation that is unique to implantology: this is ANKYLOS C/X. The new ANKYLOS generation offers the option of indexed and non-indexed prosthetics in only one implant and also has newly designed prosthetics, a completed redesigned placement procedure, and a new package design. ANKYLOS C/X leaves it up to the dentist to decide whether to use the index to assist with positioning if that makes the prosthetic



delivery easier. Or use the tapered connection geometry without index if this is required by the prosthetic design. The abutment remains rotation-locked in both cases with the full-surface keyed and locked taper, and the combination options remain open: every abutment fits into every implant.

**DENTSPLY Friadent GmbH**

Steinzeugstraße 50

68229 Mannheim, Germany

E-mail: [info@friadent.de](mailto:info@friadent.de)

Web: [www.dentsply-friadent.com](http://www.dentsply-friadent.com)

W&H

## W&H steps on it: Extension of plant and new international plants

W&H, leader in the field of LED technology, proves to be more than optimistic contrary to all economic forecasts, and for a good reason: Products like the new LED instruments with generator or the new ozone generator Prozone once again emphasize the innovative power of the company and the claim

it lays to offering cross-application complete solutions. In order to be able to manufacture the growing product portfolio in the usual quality and with the well-tryed sell & call system, investments in the extension of the parent company in Bürmoos were made in the past two years: now a total of 25,000 square metres is at the disposal of the W&H Group in Austria alone. For the send-off of the largest construction investment of the company, the ground was broken on 20 March 2007—exactly at the beginning of the last IDS. The existing plant II at the town entrance of Bürmoos near Salzburg was reconstructed over a period of almost two years—and extended by 8,700 square metres. Management,

sales, marketing and representative units of the company such as training and conference rooms or the new showroom have been housed in the building since the end of 2008. In the first place, however, the area provides space for 1,500 square metres used for metal cutting and 500 square metres of additional assembly space where mainly equipment and instruments for dental restoration and prosthetics as well as prophylaxis and parodontology are produced.

“The extension of the plant is extremely important for our company because the newly obtained space capacities enable us to satisfy the demand for our high-quality technological products in a quick and flexible manner in the future too. This ensures efficient production in the medium term and the long term as well”, as DI Peter Malata, management of W&H, underlines this. With W&H Switzerland and W&H Sterilization, the new building in Bürmoos is the third construction project of the W&H Group that was completed between 2007 and 2009. At the same time, W&H Impex moved to a new location in Canada. And in the middle of April 2009, DMKA Singapore will also get off to a new start: the W&H service station for the Asia Pacific region will offer W&H technical premium service, which is to say a number of services on the highest level.



**W&H Deutschland GmbH**

Raiffeisenstraße 4

83410 Laufen, Germany

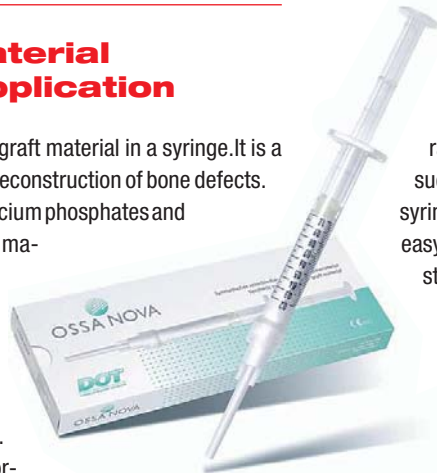
E-mail: [office.de@wh.com](mailto:office.de@wh.com)

Web: [www.wh.com](http://www.wh.com)

DOT

## Pasty Bone Graft Material for Easy and Safe Application

OSSA NOVA is a pasty, ready for use, bone graft material in a syringe. It is a new synthetic bone graft substitute for the reconstruction of bone defects. It consists of a mixture of nanocrystalline calcium phosphates and a biological active Silica dioxide matrix. The material is manufactured in a low temperature process without sintering which in turn leads to a high inner surface and a high porosity of the particles. OSSA NOVA furthermore shows a good capillarity for the deep diffusion of biological fluids (e. g. blood) combined with an adsorption of important growth factors present in blood. OSSA NOVA



represents a pasty injectable bone graft substitute-ready for use. The pasty consistence enables a close contact to defect borders with a formed closed application and leads to an optimal defect alignment.

After application OSSA NOVA will be integrated into the natural remodelling process and will be replaced by new bone tissue. OSSA NOVA can be applied directly into the defect using the syringe without any premixing, thus resulting in a more safe and easy application. The material is supplied in single syringes, sterilised by gamma irradiation. OSSA NOVA is available in the following package sizes: 0,25 ml/0,5 ml/1,0 ml with 1 and 2 syringes /package.

**DOT GmbH**

Charles-Darwin-Ring 1a  
18059 Rostock, Germany  
E-mail: sales@dot-coating.de  
Web: www.dot-coating.de

Nobel Biocare

## Nobel Biocare now on iTunes U

Nobel Biocare announced it is making free training and educational material available to dentists, dental specialists, students and patients on its new site found on iTunes U on the iTunes Store. Nobel Biocare is the first med-tech company to have its own presence on iTunes U. T&E (Training & Education) is one of Nobel Biocare's main strengths. One of the key trends in education on which Nobel Biocare wants to continue to build its reputation is the rapid development of e-learning. Found in the "Beyond Campus" section of iTunes U, Nobel Biocare's Training & Education program will provide easy, state-of-the-art on-demand e-learning. Beginning today, users can search and download training and education material directly from the site, and then experience it on their Mac or PC, or sync with iPod or iPhone to learn anywhere, anytime.

Today, Nobel Biocare already maintains T&E partnership agreements with twenty-four leading dental universities worldwide through its University Partner Program, a peer-to-peer collaboration that assists academic dental insti-

tutions to integrate the latest Crown, Bridge, and Implant coursework into their undergraduate programs. The Program provides academic institutions with the latest science-based treatment expertise, clinical competency development, high-tech educational tools, and support with implant restorations and CAD/CAM dentistry concepts.

Domenico Scala, CEO Nobel Biocare: "Nobel Biocare on iTunes U demonstrates our commitment to sharing our broad experience in T&E with the next generation of dental professionals. iTunes U provides an innovative way for us to engage millions of students and dental professionals with state-of-the-art dental education."

iTunes U is a dedicated area within the iTunes Store (www.itunes.com) featuring free educational content such as course lectures, language lessons, lab demonstrations and more. iTunes software, a free download, is required.

**Nobel Biocare AB**

Box 5190, 40226 Gothenburg, Sweden  
E-mail: info@nobelbiocare.com  
Web: www.nobelbiocare.com

Implant Direct

## Implant Direct launches compatible implant line with Straumann Dental Implant System\*

After the successful start of the European business with its own Spectra system and compatible implant lines with Nobel Biocare and Zimmer Dental, Implant Direct is expanding its product portfolio with implants and prosthetic parts that are compatible with Straumann, starting September 2008.

The SwissPlant® implant is both, surgically and prosthetically compatible with Straumann Standard/Standard Plus implants. This gives Straumann users the advantage of inserting SwissPlant implants without purchasing another surgical kit. The SwissPlant implants come with endosteal diameters of 4.1 mm and 4.8 mm, and with implant lengths of 6, 8, 10, 12, 14 mm, all with the characteristic blasted, micro-rough surface of Implant Direct. The prosthetic platform in-



cludes the traditional internal octagon of Straumann's implant-prosthetic connection. The implant has been improved to include mini-threads in the upper implant body reducing tensions in crestal bone, as well as double lead threads in the apical area. Due to the micro-rough surface of the implant neck it can be used for one-stage or two-stage procedures, providing a maximum of treatment flexibility.

\*registered trademark of Institut Straumann AG

**Implant Direct Europe**

Förrlibuckstrasse 150  
8005 Zürich, Switzerland  
E-mail: info-eu@implantdirect.com  
Web: www.implantdirect.eu

Sybron Implant Solutions

**Innovations for SybronPRO Series**

The SybronPRO series dental implant system was developed by Dr. Nick Elian and his team at New York University School of Dentistry. The system was introduced in North America in March of 2008 following two years of development and clinical investigation at NYU. Launch in Europe was in summer 2008. The goal was to develop an implant system that incorporated many of the design features currently available across many implant platforms, combining them into a single "best of breed" design. The investigators evaluated different implant systems, looking for features that contributed to hard and soft tissue preservation & long term success.

The SybronPRO system is the first to combine one-stage and two-stage implant designs, utilizing the same surgical instrumentation. Further, both implant designs share the same proven prosthetic connection, maximizing simplicity while minimizing component inventory.



**XRT with Narrow Neck**

The SybronPRO series XRT for an implantation at bone level, will additionally be available as narrow neck variation with two new platforms (3.5 and 4.1 mm). These implants with a narrow neck have an internal hex connection and will be ready for delivery as of the second quarter 2009. They offer a broad indication spectrum with the diameters of 3.3 mm, 4.1 mm and 4.8 mm and different lengths of 9, 11, 13 and 15 mm.

**Improved Surgical Instruments**

We are continuously looking for new ways of improving the handling of our instruments. The evaluation of customer information resulted in changes of our surgical drills and the depth gauge. We have

added gold-colored drills (instead of black) to our product line, and we have provided the drills with clearly visible depth markings. These improvements have been implemented in the meantime with the Lindemann drills,

the profiler drills and the depth gauge.

A brief instruction for insertion of the implants (illustrated) and the radiographic overlay (with overview on the implant size range) are now available for the surgical planning.

As a special offer, the SybronPRO implants XRT (for insertion of bone level) and TL (for insertion on tissue level) can be ordered at an absolutely favourable action price with a saving of up to 40% per implant plus free-of-charge surgical and prosthetic tray and healing abutments.

**Sybron Implant Solutions GmbH**

Julius-Bamberger-Straße 8a  
28279 Bremen, Germany  
E-mail: info@sybronimplants.de  
Web: www.sybronimplants.de

AD

Since our beginnings, we have always been focused on quality and innovation toward the battle against cross-contamination and infections.

In the last 20 years, we have ensured safety and protection to you and your patients, with advanced and reliable products. Tools that represent the ideal solution for who is operating in dentistry, implantology/oral surgery and general surgery.

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www.omniasrl.com

J. Morita

**3D Accuitomo broads its range: the 170 version now provides four new image formats**

New intermediate formats permit the ambitious diagnostician to make use of a total of nine imaging formats. J. Morita have now broadened the capability of the 3D Accuitomo by adding another four image sizes. Visitors to the IDS could see for themselves the image quality across the whole range from ø 40 x H 40 to ø 170 x H 120 mm. Even the sceptics would be convinced by the resolution realized by the Voxel size of 80 µm in the largest format. The large field of view (FOV) is suitable for the precise diagnosis of the whole head region. Enhanced image dynamics enable greater precision in the visualization of hard and soft tissue. The built-in flat panel detector (FPD) technology provides a 14-bit greyscale and creates a balanced distribution of the contrasts.

Accuitomo is a name associated with many different applications, for example in implant therapy, for examinations of apical lesions, images of jaw joint, impactions, endodontics, restorative dentistry and surgery. The manufacturer says the exposure dose for the patients remains low for all the image formats.



3D Accuitomo 170: High resolution from ø 40 x H 40 mm to ø 170 x H 120 mm.

**J. Morita Europe GmbH**

Justus-von-Liebig-Straße 27a  
63128 Dietzenbach, Germany  
E-mail: Info@JMoritaEurope.com  
Web: www.JMoritaEurope.com

Hager & Werken

## New Foil Tray for Precise Implant Impression in one Sitting

The new impression tray Miratray-Implant is a patented plastic foil tray allowing a highly precise implant impression in one sitting. The tray bottom consists of a thin, transparent foil that is firmly fixed to the tray frame by a special adhesive. This foil technology was developed by the team of Prof Dr Spiekermann and Dr Haselhuhn of the University Aachen, Germany. The foil is penetrated by the locking screw during impression taking resulting in several advantages: Firstly, fitting of the corresponding tray size is done with view, furthermore, the individual fitting of the trays and the involved expenditure of time and costs in the practice are avoided. Finally decisive is the fact that the laboratory costs for the individual unique tray are avoided and the sitting for situation impression taking becomes redundant. So, the Miratray-Implant impression tray, available in six standard sizes, combines the advantages of an individual tray regarding precision with the low costs of a serial production tray. More information under [www.hagerwerken.de](http://www.hagerwerken.de)



### Hager & Werken GmbH & Co. KG

Postfach 10 06 54  
47006 Duisburg, Germany  
E-mail: [info@hagerwerken.de](mailto:info@hagerwerken.de)  
Web: [www.hagerwerken.de](http://www.hagerwerken.de)

BEGO Implant Systems

## New implant abutment solutions— optimally designed for creating stable soft tissue structures

The BEGO Aesthetic Line was developed for dentists and dental technicians who want to take advantage of anatomically preformed abutments. "Surgically and prosthetically optimum" —these were the requirements while developing the new BEGO Aesthetic Line. In the medium-term, this new line of abutments, available in titanium and BEGO Wirobond® MI, will replace the entire range of BEGO Titanium and Wirobond® MI Abutments (anatomical, conical, parallel, angulated). For operators, this new abutment line creates the space needed for non-irritating soft tissue apposition, stabilises the soft tissue and helps prevent soft tissue recession. These new abutments also optimise the effort required for customising by dental technicians. Optimum aesthetics can be achieved in just a few steps.



### BEGO Implant Systems GmbH & Co. KG

Technologiepark Universität  
Wilhelm-Herbst Straße 1  
28359 Bremen, Germany  
E-mail: [wachendorf@bego.com](mailto:wachendorf@bego.com)  
Web: [www.bego-implantology.com](http://www.bego-implantology.com)

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Xign®

Allfit®

The Allfit® Xign® implant system is designed for enossal dental implantations. The Xign® implant system is suitable for single-step and dual-step implant protocols. It is made of Grade 4 pure titanium. Xign® implants are abraded with aluminium oxide and hot-etched and have an osmotically active nanocoating. All accessory parts are colour-coded.

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Erfurter Str. 19 · D-85386 Eching/Munich, Germany  
Telephone: (49) 89 319 761-0 · Fax (49) 89 319 761-33  
e-mail: [info@ihde-dental.de](mailto:info@ihde-dental.de) · [www.implant.com](http://www.implant.com)

NSK

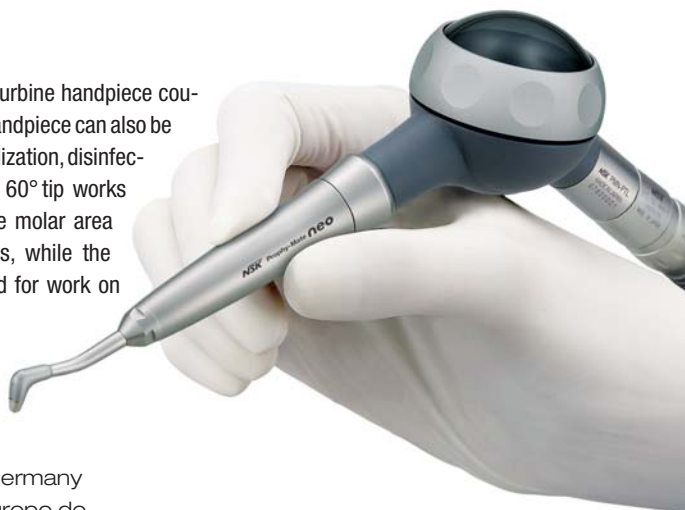
## Air Powered Tooth Polishing System

Prophy-Mate neo unites form and functionality for easier use. Excellent weight balance and a lightweight, compact powder chamber make Prophy-Mate neo comfortable to hold, while the original NSK handpiece connection swivels 360° even under strong air pressure. Selectable 60° and 80° tips maximize the cleaning ability. With powerful NSK original twin nozzles, cleaning time is greatly shortened thus reducing treatment time. Designed for one-touch attachment directly to NSK couplings

and major brands' air turbine handpiece couplings. The tips of the handpiece can also be easily removed for sterilization, disinfection and cleaning. The 60° tip works particularly well for the molar area and occluding surfaces, while the 80° tip is ideally suited for work on anterior teeth.

### NSK Europe GmbH

Elly-Beinhorn-Str. 8  
65760 Eschborn, Germany  
E-mail: info@nsk-europe.de  
Web: www.nsk-europe.de



CAMLOG

## New CAMLOG SCREW-LINE Implants with optional Platform Switching



CAMLOG SCREW-LINE implants have been a success story since market introduction in 2002. Thanks to the inner and outer geometric configurations, they have stood the hardest possible performance and reliability tests, i.e., their day-to-day use in clinic and dental practice. Based on this, CAMLOG introduced further improvements in SCREW-LINE implants at the IDS in March 2009: fine adjustment of the apical area by rounding plus slight thread reduction. These advances result in an even gentler and more tissue-conservative implant insertion. Additionally, the conical neck area has been drawn up higher toward the implant shoulder thus enlarging the contact zone between implant surface and bone in SCREW-LINE implants Promote®.

The new SCREW-LINE implants also offer the option of platform switching. Users now have the alternative of either following the accustomed protocol using standard abutments or deciding on platform switching. If indicated, this choice can even be taken after implantation.

### CAMLOG Biotechnologies AG

Margarethenstrasse 38  
4053 Basel, Switzerland  
E-mail: info@camlog.com  
Web: www.camlog.com

OMNIA

## Collection system for organic waste liquids during surgical aspiration

The concept is very simple. Thanks to sheer gravity, extracted material is retained in the suction collection bag contained in the canister. Due to the created vacuum, liquids and particles of tissue from the treatment site are extracted and channelled into the collection bag. Blood, saliva and saline solution as well as particles of bone and surrounding tissue may cause blockages in your suction system. The suction system of your dental unit is in constant

use throughout oral surgical and implantological interventions.

Its failure-free operation is imperative for uninterrupted and successful treatment. This is guaranteed by the new collection system for organic waste liquids. OMNI-VAC system retains the extracted material and, in doing so, effectively safeguards the pump filter of your dental unit against blockages. The extracted material remains in the collection bag that can be separated from the canister and disposed of. The collection bag for organic waste liquids is disposable, while the Canister (1.5 Lt.) is autoclavable at 134 °C.



The OMNIA Collection system for organic waste liquids during surgical aspiration can be connected directly to the dental unit. The support for OMNI-VAC is made in stainless steel with wheeled basement. It allows the positioning of the OMNI-VAC aspiration system with the possibility of easily moving it in the surgery room, and it is possible to put 2 containers in parallel connection. It is possible to use the tray to support the Physiodispenser.

### Omnia S.p.A

Via F. Delnevo 190  
43036 Fidenza (PR), Italy  
E-mail: info@omniasrl.com  
Web: www.omniasrl.com

Carl Zeiss

## Visualization Solutions for Dentistry

### EyeMag® Medical Loupes—Seeing is Believing

The growing demands currently being placed on precision and quality are making loupes an indispensable tool in many fields of medicine. The outstanding features of EyeMag® medical loupes from Carl Zeiss are excellent imaging quality and superb wearing comfort. The brilliant, stereoscopic image helps to better differentiate between the smallest structures and increases the quality of your work.

### Dental Microscopes from Carl Zeiss—Take the quality of your work to a new level

Thanks to brilliant optics, precise and high-contrast, natural images, dental microscopes from Carl Zeiss allow the visualization of even the finest tooth and tissue structures.

### OPMI® pico—Brilliant optics and unique ease of use

The OPMI® pico dental microscope offers outstanding performance, a compact design and is easy to use. Thanks to unique front-to-back and lateral travel, OPMI® pico with MORA interface offers even more mobility and flexibility. A comfortable head and body posture is guaranteed as the OPMI® pico MORA interface can be positioned in any direction required by the dentist.

### OPMI® PROergo®—For a new dimension in vision

OPMI® PROergo® combines brilliant optical quality with operating comfort to deliver a uniquely designed product. The outstanding features of the fully mo-



torized dental microscope are its superb ease of use for relaxed and upright work in every treatment position. OPMI® PROergo® can be positioned continuously and precisely at the press of a button and offers the dentist a large number of functions for a new dimension in visual convenience.

All dental microscopes from Carl Zeiss offer the dentist various options to demonstrate his or her work to patients using images and videos or in lectures. In this way the dentist's work can be documented and visualized with excellent and impressive quality.

### Carl Zeiss Surgical GmbH

Carl-Zeiss-Straße 22

73447 Oberkochen, Germany

E-mail: [surgical@meditec.zeiss.com](mailto:surgical@meditec.zeiss.com)

Web: [www.meditec.zeiss.com/dentistry](http://www.meditec.zeiss.com/dentistry)

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