Manufacturer news

CAMLOG

Prosthetic components for occlusally screw-retained restorations

With the introduction of the new Vario SR prosthetic components, users are now able to choose between cement-retained or screw-retained crown and bridge restorations on CAMLOG® implants. Vario SR abutments are available in straight and in 20° and 30° angled versions for implant diameters 3.8/4.3/ 5.0/6.0 mm.

All advantages and indications at a glance

- Occlusally screw-retained crown, bridge and bar constructions
- Broadening the area of use of the CAMLOG® Implant System to include screw-retained crowns and bridges
- Up to 30° angled Vario SR abutments make bridging large implant axes divergences in splinted structures possible
- Special Vario SR components for impression-taking and cast fabrication
- Impressions can be taken using Vario SR abutment shoulders or implant shoulders
- Standardized fabrication of the prosthetic restoration with prefabricated components
- Sterile packaged and color-coded Vario SR abutments
- Temporary restoration with Vario SR protective caps or Vario SR titanium copings possible
- Proven CAMLOG handling

- Precise, mechanically sturdy and rotationally stable connection due to the patented Tube-in-Tube™ implant/abutment connection.

Prefabricated Vario SR prosthetic components

Burn-out plastic copings can be used to fabricate crown, bridge and bar constructions. The titanium caps have a retention surface on the outside and are designed for temporary or final bridge restorations made of plastic. Titanium bar caps are available for laser-welded bar constructions. For bridge and bar constructions, the impression can be taken using Vario SR impression caps, open or closed tray, directly over the Vario SR abutment already in its final position in the implant. The retention screw of the impression cap, open tray, can be shortened by 3 mm extra-orally if space limitations are encountered. For crown restoration, the impression can be taken directly over the implant shoulder using CAMLOG® impression posts, open or closed tray.

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Candulor

"Removable or Fixed"— KunstZahnWerk 2011

Candulor has again joined up with CAMLOG to arrange the thrilling upcoming KunstZahnWerk (art of prosthetics) competition at the IDS 2011 in Cologne. As always, the latest patient case will be another fresh challenge to participants too.

Modern, innovative, yet in line with a dental technician's daily routine—these are the requirements for the new KunstZahnWerk competition. International participants from all over Europe, the USA and Canada show their proficiency at each IDS. The latest challenge is to make a total reconstruction combined with a complete prosthesis supported by the mucous membrane and to fit a denture held by an implant. All work has to be done using the Gerber set-up technique and the teeth and implant parts supplied free of charge by Candulor and CAMLOG. Candulor will provide you with the full patient case. Detailed information will aid you in solving this task. You will of course also get the appropriate plaster models, prosthetic teeth (Candulor Composite NFC) and implant parts. The finished prostheses may only be submitted in the Candulor Articulator or Condylator. There are further prizes for those participants providing additional documentation to their work and prizes for the best documentation. A jury made up of prosthetics specialists and practitioners will judge every individual project. Each of the winners will be awarded their prizes at the Candulor press conference at the IDS in Cologne on Friday, 25 March, 2011. All the finished projects will be shown on the Candulor stand at the IDS 2011 in Cologne. The documentation we receive will be published in various professional journals.

Prices

1st prize: Cheque for ⇔1.500,–
2nd prize: Cheque for ⇔1.000,–
3rd prize: Cheque for ⇔500.–
Further prizes for the best documentation along with many material prizes!

Register for participation by no later than 29 October, 2010. You can get the registration form on the internet from www.candulor.com or by phone on +49 7731 79783-0.

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Nobel Biocare

Versatility, easy of use, predictability, and pleasing esthetic results

Nobel Biocare stands for 40 years of experience in restorative dentistry as well as four decades of scientifically-documented and successful implant systems. One of the innovations of the company is NobelReplace™, the time-proven and most frequently inserted implant system throughout the world that stands for versatility, ease of use, and predictability.[1] NobelReplace is very well-suited for a comprehensive range of applications ranging from the rehabilitation of single teeth to the restoration in completely edentulous patients.

NobelReplace is an implant system with impressive benefits and is therefore considered to be the implant system of first choice both in surgery and for the options of prosthetic management. NobelReplace is a universally applicable, two-part implant system for successful use in one- or two-stage surgical procedures both in soft and dense bone. NobelReplace offers experienced and advanced users alike a comprehensive implant system that supports the treatment in virtually all indications of implantology. The root-like shape, grooves and TiUnite surface favor optimal primary stability and thus allow the implant to be used even in challenging indications, such as between diverging roots of neighboring teeth, in front of the mesial wall of the maxillary sinus or for insertion right after extraction. Considering the large number of treatment options that are available to date, an implant system like NobelReplace is a major benefit for the user and provides a high degree of flexibility. The NobelReplace implant system is universally applicable and offers many options for surgical treatment and downstream prosthetic management.

[1]Source: Millennium Research Group 2008

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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.

With Piezon Master Surgery, additional application-specific instruments are now available: a total of four perio instruments especially designed for resective and regenerative periodontal surgery, five advanced surgical instruments for gentle and uniform sinus lifts, as well as six special fully diamondcoated instruments for implant applications with dual cooling system and extraefficient debris evacuation.

These instruments are seen as particularly suitable for four clinical applications: implant site preparation following extraction, implant site preparation following splitting of the alveolar ridge, implant site preparation in the posterior tooth area, and implant site preparation in compromised areas, such as a narrow alveolar ridge. In principle, instruments can be used at low OP temperature of no more than 33 degrees centigrade. They provide drilling efficiency and precision in the maxillary area.

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ULTRADENT

The future has begun at ULTRADENT

A big celebration was held to mark the opening of ULTRADENT's new, modern company building at an event attended by the mayor, the media, the architects, prominent members of the dental profession and three generations of the Ostner family. Under the management of the current owner, Ludwig Ostner, ULTRADENT has, over the last 12 years, become one of the most familiar brands of modern treatment units in all areas of dentistry. The future of ULTRADENT also lies in the hands of the family, as Ludwig Johann Ostner, the son of the current head of the company, is joint managing director with his father and has already assumed responsibility for product development. Manufacturing many components in-house, the family enterprise develops and produces dental equipment that is characterized by excellent quality, superb reliability and practical design.

Good prospects. Dental quality made in Germany

The success of the Munich-based dental specialist is proof that their concept is correct and the new head office at the Brunnthal industrial park in Munich will provide extensive logistical opportunities. Here an even larger exhibition area will be available, where our customers can experience the latest products put to practical use. Countless innovative product ideas, the company's own patents and registered designs represent a competitive technological edge, exclusivity, maximum product reliability and long-term provision of spare parts.

Moreover, thanks to investments in development, the latest production technology and ongoing training for employees, ULTRADENT will be able to continue making its ideas and visions a reality in the future.

Modern jobs in modern buildings

Everything has been redesigned and reorganized, from the company's own paint shop, showroom and development department right through to the warehouse and administrative area. This has created a light workplace fit for the future and the pleasure this gives the employees is clear to see. We can look forward to the new products from ULTRADENT.

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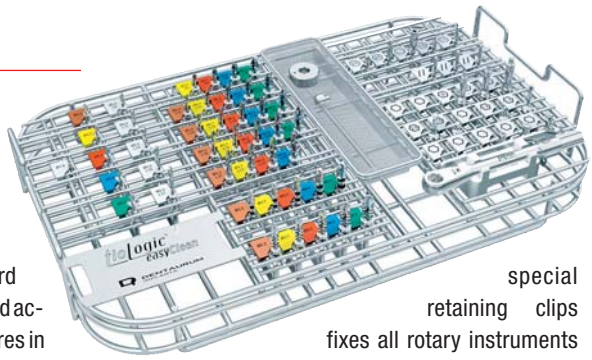
Dentaurum Implants

Cleaning made easy



Time-consuming work for staff, variable cleaning results and the associated expenses—that was standard practice for the preparation of drills and accessories after implantology procedures in the past. After every surgical procedure all instruments had to be manually cleaned one by one and then sorted into the right implant-surgery tray. Cleaning and disinfection of the completely filled implant-surgery tray was formerly not possible, because the instruments did not sufficiently come into contact with water and cleaning agents. Dentaurum Implants GmbH and Miele Professional have now worked together to develop an innovative system solution for efficient and reproducible machine preparation. The heart of this development is the tioLogic© easyClean surgery tray, which now enables consistent, outstanding machine cleaning and disinfection results in both dental practices and in centralized preparation centres in hospitals. This not only offers huge savings in time and costs but also significantly increased safety for users with the reproducible machine preparation results. The combination of the innovative grid structure with special retaining clips fixes all rotary instruments and accessory components to hold them in position and to ensure that the instruments are completely cleaned with water and cleaning agent. All drills and accessory components can be replaced in the correct position in the tioLogic© easyClean tray as they are used in the implant procedure to remain in the correct order at all times throughout the operation. SMP GmbH of Tübingen, an independent institute specialising among other things in the testing and validation of medical devices, was commissioned to test and validate the cleaning results. The tests were an impressive confirmation of the preparation results of the instruments and accessory components in the tioLogic© easyClean.

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Susanne Breuer, Stephen Booth and Sandro De Gruttola represented Straumann at the Award Ceremony.

Straumann

Medical Device Technology of the Year Award for Straumann's Roxolid

Straumann, a global leader in regenerative, restorative and replacement dentistry, has been presented with the 2009 'Medical Device Technology of the Year Award' for Roxolid®, the company's innovative high performance material for dental implants.

The Award recognizes excellence in technological innovation and is one of the Best Practices Awards bestowed by Frost & Sullivan. Engineered and developed by Straumann, Roxolid is an alloy of titanium and zirconium which has been designed to increase reliability and confidence with small diameter implants. Roxolid can accommodate the sophisticated microstructuring processes required for Straumann's SLActive® surface technology, which enhances osseointegration. Roxolid has been undergoing a broad program of clinical trials in nine countries. Involving 60 centers and more than 300 patients, this is one of the largest clinical research programs ever undertaken by a dental implant company prior to market launch. Apart from the clinical program, Roxolid was made available to 450 selected specialists in a controlled release program, in which more than 11,000 implants were distributed.

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Geistlich Biomaterials

The successful duo now also available as Combi-Kit Collagen

The new Geistlich Combi-Kit Collagen combines two established and reliable products in a single package: Geistlich Bio-Oss® Collagen 100 mg and the native collagen membrane Geistlich Bio-Gide® in a new size of 16 x 22 mm. The Geistlich Combi-Kit Collagen® offers the perfect solution for Ridge Preservation, i.e. for the treatment of alveolar bone defects following tooth extraction, as well as for minor augmentations. Today the combined application of bone substitute materials and resorbable membranes to treat bone defects has already become clinical routine and shows predictable and effective results (Aghaloo 2007; Sammartino 2009).
Scientific evidence and a wealth of practical experience reported have also shown that the insertion of Geistlich Bio-Oss® Collagen in an extraction socket may be the ideal way to preserve the alveolar dimensions (Ackermann 2009), and the inevitable loss of the bundle bone – and therefore of the buccal bone lamellae—following tooth extraction is compensated (Araujo 2008; Araujo 2009).

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