Oral Reconstruction Global Symposium

The Oral Reconstruction Foundation drives progress in implant dentistry and related areas, for the benefit of the patients. Education and training are the Foundation’s utmost priorities and are realised through the organisation of top-class events. With the Oral Reconstruction Global Symposium 2018, formerly International CAMLOG Congress, the foundation intends to build on its successes in April next year.

In Rotterdam, implant dentistry topics will be presented and discussed in theory and practice through practical workshops, scientific lectures, and podium and audience discussions. Under the theme “The Future of the Art of Implant Dentistry”, a diversity of education and training will be offered thanks to the combination of instructive workshops, an informative scientific programme with top-class speakers, an innovative event concept, and a high-end evening event for networking with opinion leaders and colleagues.


CAMLOG

Implant system with new design

Recently, Alpha-Bio Tec launched a new one-piece design for its AlphaUniverse Multi Unit restoration system, which enhances effectiveness and long-lasting aesthetic results. In line with Alpha-Bio Tec’s core value of simplicity, the improved design is launched after a meticulous research and development, along with a comprehensive user feedback. The one-piece abutments are available in 0˚, 17˚ and 30˚ angles with six cuff heights for the straight abutments and three cuff heights for the angled abutments (1.5 – 3.5 mm). The angled abutments come with a bendable metal holder for easier handling and delivery. The abutment’s design includes a concaved tulip shape, which promotes soft tissue healing and adaptation, connecting above the abutments. All restoration parts connecting above the abutments remain the same as well as the classic protocol and CAD/CAM workflow.

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Anthogyr

Total compatibility

As a natural extension of Concept Axiom®, the new Axiom® Multi Level® range forges a new path by proposing total compatibility between the Bone Level and Tissue Level philosophies. This new range offers a fresh approach to implantology. Available on the Axiom® BL, Bone Level, and Axiom® TL, Tissue Level implants, the connection inLink® illustrates the intelligence of this range. With inLink®, Anthogyr innovates by launching the first locking system that is completely integrated with the prosthesis CAD/CAM Simeda®, without any manipulation, or transport of screws. It consists of a fixation lock and a retaining ring that are integrated within the prosthesis. The system offers compensation for the divergence of implant axes without an intermediary abutment, and angulated access of screw channels to 25°. Thanks to the inLink® connection, it is possible to combine the use of Axiom® TL, Tissue Level, and Axiom® BL, Bone Level implants for a single prosthesis.

Anthogyr Group
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Integration Diagnostics Sweden

Measuring dental implant stability

PenguinRFA measures implant stability and osseointegration to enhance decisions about when to load. This is especially important when using protocols with shorter treatment time or treating risk patients. The concept is affordable and uncomplicated. It is now available in more than 40 countries by 20 distributors, currently covering more than 50 implant systems with MultiTapegs. The reusable MultiTapegs are made from durable and tissue friendly titanium. Sealed magnets make it possible to autoclave them at least 20 times.

In addition, the company has made the RFA technique even more accurate by creating an ISO Calibration System, which means minimised variance between different MultiTapegs. Thank’s to the reference system, physical misfit between components can also be detected and eliminated in the design phase. This strives to give different implants, with the same stability, the same ISO.

The company will continue to build its distributor network globally and also intensify the research around implant diagnostics.

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Dentsply Sirona

Immediate restoration of edentulous patients

SmartFix offers an affordable and reliable solution for the immediate restoration without augmentation of edentulous patients when space is restricted. This concept has made a name for itself as a simple implant prosthetic procedure for the immediate restoration of edentulous patients with screw-retained bridges or bar dentures. The superstructure is supported by four implants that anatomically bypass critical areas due to their angled positioning. The new retention caps are ideal for taking impressions and transferring the implant position. In addition, they can be used to create long-term temporaries and also be integrated into modified existing prostheses. SmartFix is currently available for the Ankylos and Xive implant systems. It is characterised by a very stable denture placement, the angled abutments in turn allow optimal results in terms of aesthetics and function and the short and flexible insertion aid facilitates handling.

Dentsply Sirona – The Dental Solutions Company™
Sirona Straße 1
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www.dentsplysirona.com/implants

Shortest Implants – Longest History.

Think Short!

For more than 30 years Bicon® short implants are unchanged in clinical use.

According to the 11th European Consensus Conference (EuCC) 2016 in Cologne, provided the specific treatment parameters are observed, the use of short, angulated or diameter-reduced implants in sites with reduced bone volume can be a reliable treatment option, given the risks associated with the use of standard-dimension implants in combination with augmentation procedures.

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Popular sizes: 3.3x6, 3x8, 3.5x8, 4x5, 4x6, 4x8, 4x11, 4.5x6, 4.5x8, 5x5, 5x6, 5x8, 6x5, 6x6, 6x8 mm
OT Equator by the company Rhein’83 is the smallest dimensional attachment system in the market counting on a reduced vertical profile of 2.1 mm with a 4.4 mm diameter. The system is compatible with all implant systems and brands, and available in eight different gingival heights. The innovative design of the Equator attachment provides a superior stability and retention to the prosthesis.

The TiN-coating procedure increases the hardness and duration in time the product obtained FDA and CE certification for Russia, Canada, Japan, Korea and more countries. In case of extreme divergencies between the implants with the OT Equator, the so-called Smart Box can be used. The Smart Box thanks to an inner tilting mechanism allows a passive insertion with divergent implants up to 50°. For more information please contact: marketing@rhein83.it.

Rhein’83
Via E. Zago, 10
40128 Bologna, Italy
www.rhein83.com

More than ten years ago, Straumann® pioneered accelerated osseointegration with the innovative hydrophilic SLActive® surface, reducing the healing period from six to eight, down to three to four weeks for most indications. Since then SLActive® implants have made faster treatment and better outcomes a reality. The extensive healing potential of this product can now be seen even in severely compromised patients and with challenging treatment protocols. Leading researchers worldwide are looking at what’s behind the outstanding clinical performance of SLActive®. As new insights emerge, recently discovered nano-structures explain why the implant surface goes beyond hydrophilicity. Discover the science of high performance at http://slactive.straumann.com.

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Peter Merian-Weg 12
4052 Basel, Switzerland
www.straumann.com
Hager & Meisinger

Back to the roots

The concept of a two-phase titanium implant with a special expansion thread and a self-locking cone as an abutment connection was developed by Prof. Dr Georg-Hubertus Nentwig und Dr Ing. Walter Moser over 30 years ago and established to clinical maturity. Creating a design that offered high primary stability, minimum construction height, and deep platform switching in addition to a micro-movement free and bacteria-proof implant abutment connection soon proved to be superior components in terms of achievable bone and soft tissue stability, and thus providing exceptional long-term success. The MyPlant II system is based on the proven principles in terms of progressive thread design and has been optimised with regard to achievable primary stability and mechanical safety under functional loading. Where adequate vertical bone volume exists, the MyPlant II implant can be inserted subcrestally by approximately 1 mm promoting stable bony incorporation supporting soft tissue. The reinforced and extended inner cone allows for greater fatigue strength and a higher level of mechanical loading. The self-locking internal cone connection can be oriented freely, is absolutely rotation-stable and also seals practically bacteria-proof.

Hager & Meisinger GmbH
Hansemannstraße 10
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www.meisinger.de

Nouvag

Sophisticated motor management

Nouvag’s latest development in the field of Implantology is the motor system MD 11. Drilling, thread cutting, screwing in the implants and placing the cover screw are now organised in separate programmes. The insertion of the tubing set is done with very little effort due to the great visibility of the mounting bracket and easy to reach notches in the bracket. The display shows all information at a glance, no key pressing necessary. Even the activation of the cooling pump and the changing of the pump speed is conveniently done by pressing switches on the pedal. To make the set of the MD 11 complete, Nouvag offers all required contra angles such as the 1:1, 16:1, 20:1, 32:1 and a 70:1. The 20:1 contra angle, also available with LED spotlight, covers the largest field of the implantologists tasks, thanks to the sophisticated motor control of the MD 11 which provides sufficient torque from the lowest possible speed of 15rpm to the highest speed of 1,700rpm.

Nouvag AG
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Switzerland
www.nouvag.com
**MIS**

**Digital guided surgery solution**

The Conical Connection MGUIDE Surgical Kits include all the drills and tools necessary for a simpler surgical procedure. These kits are compatible with both C1 and V3 conical connection implants and complete the existing line of surgical kits, which includes MGUIDE Internal Hex. Surgical Set for standard sleeve as well as the Narrow Sleeve MGUIDE Kit. Unlike all other guided surgery services offered by other manufacturers, MIS workflow is created and followed by only one provider. All steps in the procedure are handled by one source. MIS MCENTERs around the world take the patient information sent to them and transform it into all that is necessary for the dental practitioners to perform implant surgery and provide patients with a “full smile solution”. Having all components of the process and workflow in one place, enables the MCENTER team to view each case in a “top down design”.

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Simeonscarré 2
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www.mis-implants.com

**Bicon**

**Time-proven design**

The Bicon SHORT® Implant is an example of a time-proven geometric design that successfully transfers the occlusal forces on its prosthesis to its surrounding bone by appropriately integrating the following features: a bacterially-sealed, 1.5 degree locking taper abutment to implant connection and a subcrestally placed, sloping shouldered implant with a plateaued tapered root form body. Additionally, these integrated features compensate for the implant’s ankylosed nature by successfully transforming occlusal forces to acceptable strains within the bone, providing for healthy and gingivally aesthetic peri-implant tissues, as well as for the callus formation of cortical like bone with central vascular systems.

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**Nobel Biocare**

**Introducing the Trefoil™ system**

At EAO congress 2017, Nobel Biocare launched the Trefoil system—the latest addition to the company’s proven assortment of full-arch solutions for patients in most need. The Trefoil system has been developed for treating edentulous patients and patients with failing dentition, enabling the fixed, definitive, full-arch restoration of the mandible in one day. These significant efficiency gains are the result of an optimised workflow and componentry, which enable shorter time-to-teeth and reduced chair time in comparison with conventional treatments that require provisional restorations. The cost-effective Trefoil system features a pre-manufactured titanium bar. Passive fit is made possible by a fixation mechanism that compensates for deviations in implant placement. The bar is retained on three implants featuring the TiUnite surface, which is proven to support immediate function. At launch, the Trefoil system was already backed by a year of scientific evidence showing successful early clinical outcomes. Preliminary findings show high implant and prosthetic survival rates, minor marginal bone remodelling and short time-to-teeth. Patients and clinicians reported excellent functional and aesthetic satisfaction at all follow-up assessments, with patients also experiencing notable improvements in quality of life following restoration.

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**References**

1. At launch, the Trefoil system was already backed by a year of scientific evidence showing successful early clinical outcomes.
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SKYOnics comprises the disciplines of the so-called “Tissue Related Implant Management”, the solutions for “implant prosthesis with bionic high-performance polymers” as well as innovative “implant therapies for the immediate restoration”. The tried-and-tested SKY® implant family offers primary stability and is the basis for this concept from the bredent group—the specialist procedure for implantology and physiological prosthetics—with optimum use of the local bone.

With the visio.lign® aesthetic and functional system, the bredent group also offers in the truest sense of the word, multi-layer possibilities for a physiological veneering, which represents optimal bonding to all scaffolding materials. These elements provide the basis for the successful use of a variety of immediate restoration therapies from a single tooth, to a jaw which is losing teeth or even a completely toothless jaw.

Implant therapy for the immediate restoration

The bredent group is a powerful partner for dentists and surgeons, especially in the immediate restoration of implant-supported therapies. With more than ten years of experience and nearly 50,000 treated and satisfied patients, the company is one of the world leaders in the provision and development of immediate restoration therapies such as “SKY fast & fixed” for toothless jaws and SKY elegance abutments for bridges and single tooth restoration.

Implant prosthesis with bionic high-performance polymers

The bredent group is an expert in the field of high-performance plastics. BioHPP®, for example, a PEEK-based, ceramic-reinforced high-performance polymer with bone-like elasticity, reduces chewing force peaks, thus avoiding permanent misalignment and protects the implants even during osseointegration. In this way, a long-term successful implant is ensured. Thus, bredent provides implant-preserving and natural restorations fixed and removable and promotes patient health and satisfaction.

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