

# Manufacturer News

## Dentaurum Implants

### Complete solution for CAD/CAM processes

With tioLogic® digital, Dentaurum Implants offers the complete solution for CAD/CAM processes on tioLogic® implants. The product range comprises all data and materials necessary for the fabrication of customised one-piece abutments, hybrid abutments as well as bar and bridge restorations using CAD/CAM technology. Two types of scan bodies were specially designed to allow a precise digital capture of the geometry of all indications: scan abutments directly from the interface for customised one-piece abutments and hybrid abutments as well as scan caps for bar-borne restorations and bridgeworks, which are fixed onto the respective abutment. Manufacturing centres certified by the company can use the original tioLogic® CAD/CAM titanium blocs for the fabrication of customised one-piece abutments. Titanium bases are used to fabricate customised hybrid abutments. The zirconia ceramic mesostructures fabricated using CAD/CAM technology are bonded to these bases.



The geometry of the titanium bases was designed to ensure reliable, aesthetic bonding with the ceramic mesostructure.

The respective scan caps for bridge and bar restorations guarantee a precise and user-friendly scan data transfer for the digital creation directly on tioLogic® abutment series for bridges, bars and AngleFix.

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## Anthogyr

### Performing osteotomy safely

A solution for performing osteotomies through impacted crestal access, Osteo Safe® is a pre-calibrated automatic impaction instrument that is connected to a micromotor. It can be used for all indications related to implant site preparation and bone remodeling in the context of vertical and lateral bone augmentation. Indications for the instrument are: Sinus lift procedures through crestal access as well as bone compaction in order to obtain sufficient primary stability for the placement of Anthogyr Axiom® REG or PX implants (low bone density in the upper jaw bone type III or IV according to LEKHOLM & ZARB Classification, 1985). The



instrument offers greater patient comfort and safety. Due to its ergonomic and practicability, gripping with a single hand enables improved visibility during surgery. Reproducible and accurate, Osteo Safe® ensures controlled and regulated movement during impaction. The instrument is simple and quick in use for the placement of Axiom® REG/PX implants for all clinicians.

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## Schütz Dental

### The IMPLA family has a new member

Schütz Dental's IMPLA implant system has been used successfully for clinical application since 1963. IMPLA represents tested safety and quality-controlled products made in Germany and offered at fair prices. Eight different implant lines and two different connection types (Cone Connection and Hex Connection) offer implantologists the right implant for nearly every indication.



The cylindrical "allround implant" IMPLA Cylindrical Cone Connection is the new member of our IMPLA family. The self-tapping threads give implantologists high flexibility when inserting the implants and can, in some cases, decrease the complexity of the surgery. The good primary stability supports a quick and safe osseointegration. Each of these implants features two synchronous threads, complementing the cylindrical shape up to the implant shoulder. By means of this feature, the insertion depth can be adjusted quickly in many cases. Another benefit of the implant line is the internal cone connection combined with an internal hex. This connection type minimises the microgap and, at the same time, provides a safe protection against rotation between implant and abutment, thus assisting the prevention of peri-implantitis and bone loss.



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MIS

**New Digital Dentistry Hub in Berlin**

As a dentist, what are your driving goals? Most likely it's to provide the best possible treatment for your patients, while building your professional reputation into a successful practice. It's a perfectly balanced win-win situation whereby patient satisfaction directly impacts profit. This process can be greatly accelerated using Digital Dentistry technology. "Success has never been more attainable and the MIS MCENTER truly makes it simple," says Mr. Christian Hebbecke, the new MCEN-

TER Europe Manager. "We provide doctors with optimum support for quicker, more accurate surgical procedures, reduced chair-time, less patient visits, plus beautiful and predictable outcomes." Christian explains that the new MCENTER Europe offers expert Digital Dentistry capabilities in support of the fast growing MIS customer base in the region by concentrating all MIS digital dentistry products and services (from the initial plan to temporary restoration), in one convenient, well-equipped location. The centre provides a comprehensive range of services divided into three main categories. The MSOFT: 3-D & 2-D virtual implant planning software and prosthetic driven planning, the MGUIDE: Exclusively designed 3-D printed template and dedicated Surgical Kit, and the MLAB (CAD/CAM): For the fabrication of customized abutments and temporary crowns. "MCENTER products represent some very exciting and innovative advances in Digital Dentistry technology, exclusive to MIS Implants," continues Hebbecke. "The MGUIDE surgical template or guide is a lightweight, open wireframe design that allows delivery of irrigation and anesthesia through the template. Special slots built-in to the drill permit irrigation to penetrate even while the drill is fully inserted in the sleeve. Also no drill guidance keys are needed, freeing up dentist's hands for a quicker and more accurate procedure. The system includes the MIS Surgical Kit (patent pending), where all drills can be used as final drills and actually help collect bone during the drilling process."



Bicon

**30<sup>th</sup> anniversary**

Since 1985, the Bicon Dental Implant System has offered dentists a proven solution for missing dentition. The Bicon implant design comprises plateaus, sloping shoulders and a bacterially-sealed, 1.5° locking taper implant to abutment connection. With the plateau design, cortical



like bone forms around and between each plateau. This Haversian bone allows for the routine use of 5.0 mm short implants. The sloping shoulder provides the necessary room for bone to support interdental papillae that are gingivally aesthetic. Bicon's 360° of universal abutment positioning provides for the revolutionary cementless and screwless Integrated Abutment Crown™, which consistently provides for a non-metallic aesthetic gingival margin.

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Nobel Biocare

**Stability and flexibility in parallel**

The NobelParallel Conical Connection implant system by Nobel Biocare is straightforward in design and application. It is designed for universal use in all bone qualities and for a wide range of indications. With implant sizes ranging from a 3.75 mm Narrow Platform variant to a 5.5 mm Wide Platform option, NobelParallel Conical Connection can be used in both the anterior and the posterior. The advanced internal conical connection opens the door to a wide range of innovative restorative options. These include the NobelProcera ASC (angled screw channel) Abutment for easier access and increased aesthetic possibilities and the NobelProcera FCZ (full-contour zirconia) Implant Crown, which possesses the



strength required to deal with high occlusal forces in the posterior. Among others, these cement-free solutions mean NobelParallel Conical Connection can achieve optimised results without any of the risks associated with excess cement.

Whether used at the back or the front of the mouth, the straightforward surgical protocol will be appreciated by both experienced clinicians and those early in their implant careers. It offers flexibility and shortens treatment time.

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