



X-MIND® trium Pan 3D

X-MIND® trium Pan 3D Ceph Ready

X-MIND® trium Pan Ceph 3D

ACTEON

A true low dose 3D CBCT imaging system

TRUE LOW DOSE is the latest X-MIND trium CBCT innovation from ACTEON. A new algorithm associated with an innovative mechanism brings the X-ray sensor and source closer to the patient, which allows image acquisition with significantly reduced exposure time, resulting in a lower dose to the patient. The algorithm applied to these lower-dose projections improves contrast and decreases noise, thus accurately revealing the anatomical structures. With X-MIND trium and ACTEON Imaging Suite software, treatment becomes more efficient and safer, less traumatic and therefore less stressful. Bone density around the implant is assessed with a single click, allowing easier clinical decision-making.

X-MIND trium has a small field of view ($\emptyset 40 \times 40$) and provides ultra-high-resolution images ($75 \mu\text{m}$). X-MIND trium adapts to the growing needs of dental offices by pairing 2D panoramic with 3D imaging and digital cephalometric analysis when necessary. It is the ultimate Mac-compatible therapeutic tool that adapts to the practitioner's working environment.

ACTEON GROUP

17 avenue Gustave Eiffel, BP 30216
33708 Merignac Cedex, France
www.acteongroup.com

Straumann

A reliable system grounded on premium quality

Smiling, laughing and eating naturally add to a quality of life that every edentulous patient would love to maintain. Straumann® Mini Implants offer these patients a less invasive, immediate removable fixation of their overdenture. Dentists can rely on a trusted brand that has a legacy in long-term scientific evidence. It allows dentists to offer more solutions to edentulous patients, even with severe reduced horizontal bone. Patients profit from a convenient retentive system, that is less prone to wear with various retention strength. The implant can be immediately loaded with the denture, meaning less visits and shorter procedures. The Straumann® Mini Implant is a one-piece implant made from Roxolid®, a groundbreaking strong material and SLA®, the best documented surface with long-term scientific

evidence. It is available in $\emptyset 2.4 \text{ mm}$ diameter with 10, 12 and 14 mm length options and comes with an integrated Optiloc® prosthetic attachment for low maintenance and high patient comfort. A life-time guarantee is offered on Straumann® Mini Implants.

Institut Straumann AG
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4000 Basel, Switzerland
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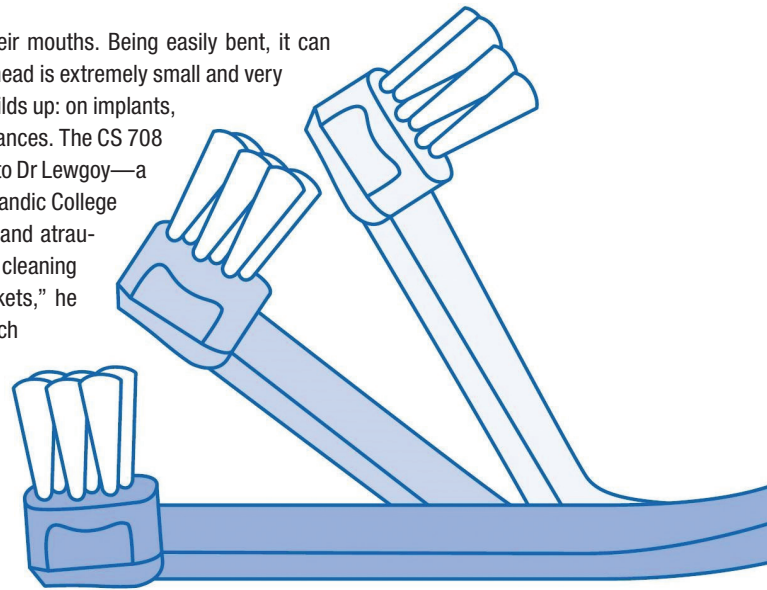


Curaden

Hitting the spot with the CS 708

The CS 708 is the solution for patients who cannot reach all areas of their mouths. Being easily bent, it can access difficult-to-reach areas, cleaning at just the right angle. The brush head is extremely small and very compact. Seven tufts of fine Curen filaments remove plaque wherever it builds up: on implants, fixed prostheses, archwires, orthodontic brackets, lingual orthodontic appliances. The CS 708 was developed by Drs Kirsten Warrer and Hugo Roberto Lewgoy. According to Dr Lewgoy—a specialist in oral and maxillofacial surgery and a lecturer at São Leopoldo Mandic College in Brazil—the CS 708 is the answer to the lack of easy-to-use, effective and atraumatic brushes for patients with implants. “The CS 708 is also perfect for cleaning around and between fixed orthodontic appliances, including lingual brackets,” he says. The CS 708 in short: bendable brush head for cleaning difficult-to-reach spots; perfect for implants, fixed prostheses, orthodontic brackets, lingual orthodontic appliances; super-compact seven-tuft head; gentle and effective 0.12 mm Curen filaments; made in Switzerland.

Curaden Germany GmbH
Industriestraße 2–47
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shop.curaprox.com



Dentsply Sirona Implants

Versatility with the Astra Tech Implant System EV



Dentsply Sirona Implants continues to deliver innovation, versatility and clinical benefits in implant dentistry, based on the needs of customers and centred around well-documented and clinically proven implant systems. With the latest product development, the Astra Tech Implant System—one of the most well-documented implant systems in the market today, documented in over 1,000 publications in peer-reviewed journals—just got even better: Astra Tech Implant EV has a revised implant design change that comes with significant advantages—with a deeper implant thread design apically, it is easier to reach preferred primary stability and the handling experience is enhanced for easy installation. With this new change in design properties also comes the new name—Astra Tech Implant EV. Dentsply Sirona Implants continually strives to increase the application of implant therapy, based on science and without compromising safety and efficacy.

Dentsply Sirona Implants
Aminogatan 1
41321 Mölndal, Sweden
www.dentsplysirona.com/implants

Bicon

More than just an alternative to sinus lift and augmentation

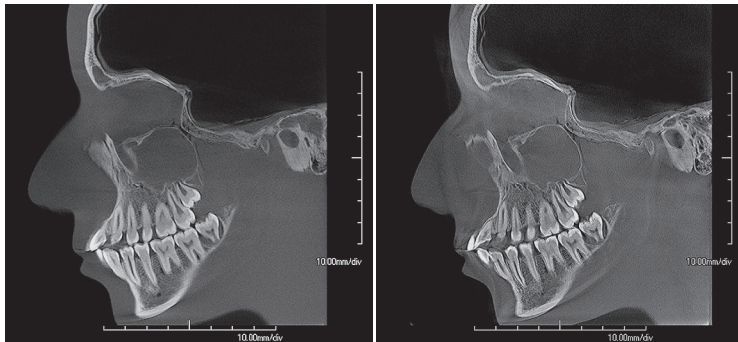
The plateau design, which has been clinically proven for 35 years, and the self-locking tapered implant–abutment connection are the most important success factors of the popular Bicon SHORT Implant™ system. While screw implants can cause bone loss under unfavourable conditions, experts associate the so-called “plateau anchors” with possible bone gain. The plateau design, which offers at least 30 per cent more bone surface than comparable screw implants, makes all the difference. Studies indicate that the unique Bicon design favours the formation of mature lamellar Haversian bone. In addition, the biomechanical advantages of the plateaus optimise lateral force distribution, which supports bone preservation. The self-locking, bacteria-proof connection and the integrated platform-switching additionally promote the long-term success of the system in terms of function and aesthetics. With implant lengths of 5, 6, 8, and 11 mm, Bicon serves the entire range of indications in daily implant dentistry.

Bicon
501 Arborway



PreXion

Superior 3D image quality with low radiation exposure



100µm voxel size.

74µm voxel size (PreXion3D EXPLORER).



3D image with a 150 x 160 mm field of view.

With many 3D-imaging systems today, good image quality is usually accompanied by high radiation exposure. Developed specifically for the European and US-American market, the new CBCT system PreXion3D EXPLORER offers the highest possible image quality at the lowest possible radiation levels. With a specifically controllable pulse generator, radiation is generated only when necessary to achieve the highest imaging quality. For a 20-second-long scan in ultra-HD 3D-mode, radiation exposure is only between 4.4 and 5.8 seconds. For a 10-second-long scan in standard scan 3D-mode, it is a mere 3.2 seconds. The small voxel size enables a more detailed representation of even the finest hard and soft tissue structures in ultra-high definition. The short image reconstruction times ensure a seamless workflow. The PreXion3D EXPLORER convinces with easy handling and extensive planning programmes that cover the entire range of indications. With the 3D-analysis function, fields of view (FOV) sizes of 50 x 50, 150 x 80 and 150 x 160 mm can be generated, offering numerous flexible diagnostic options for oral surgery, implantology, periodontology, endodontics, orthodontics, and general dentistry.

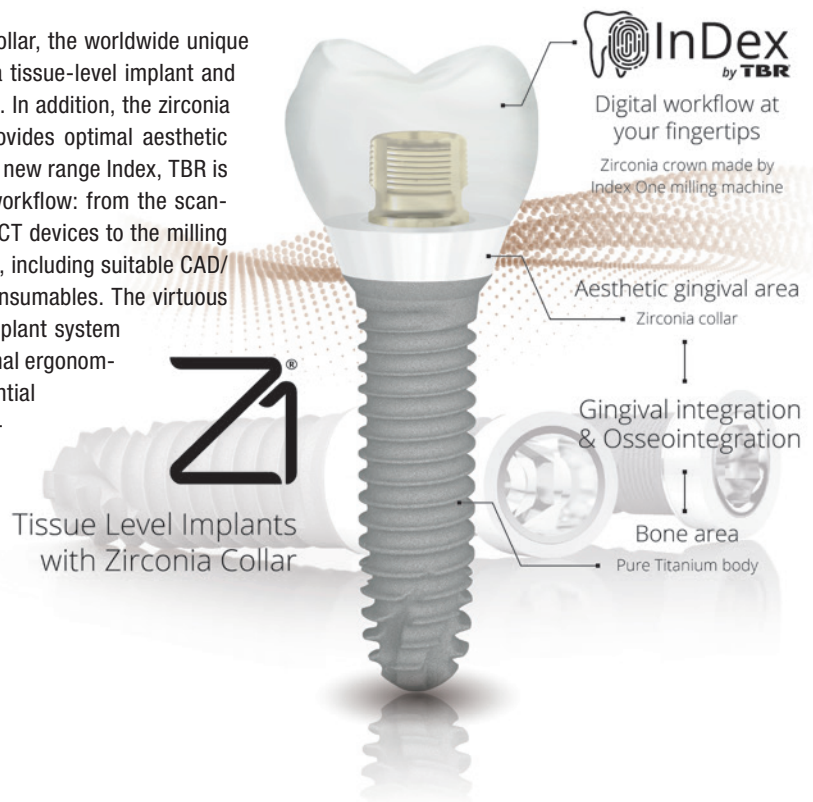
PreXion (Europe) GmbH
Stahlstraße 42
65428 Rüsselsheim, Germany
www.prexion.eu

TBR Dental

Tissue-level implant and digital workflow

Combining a titanium body and a zirconia collar, the worldwide unique Z1® implant offers many advantages. It is a tissue-level implant and thus only one surgical procedure is required. In addition, the zirconia collar promotes soft-tissue healing and provides optimal aesthetic results for the patient. With the launch of its new range Index, TBR is now offering clinicians a complete digital workflow: from the scanning phase with intra-oral scanners and CBCT devices to the milling phase with machines adapted to your needs, including suitable CAD/CAM software, associated materials and consumables. The virtuous combination of implantology with the Z1 implant system and the Index digital workflow ensures optimal ergonomics and shorter chair times, which is essential in the daily dental practice. Combine superior aesthetics and digital design with Z1 implants and TBR CAD/CAM Index dental solutions today!

TBR Dental Group
24, impasse René Couzinet
31500 Toulouse, France
www.tbr.dental





M.Sc. Lasers in Dentistry

Specialist in dental laser therapies

Next Start: **20th October 2020** | Aachen, Germany | 4 semesters

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Aachen Dental Laser Center

**INTERNATIONAL
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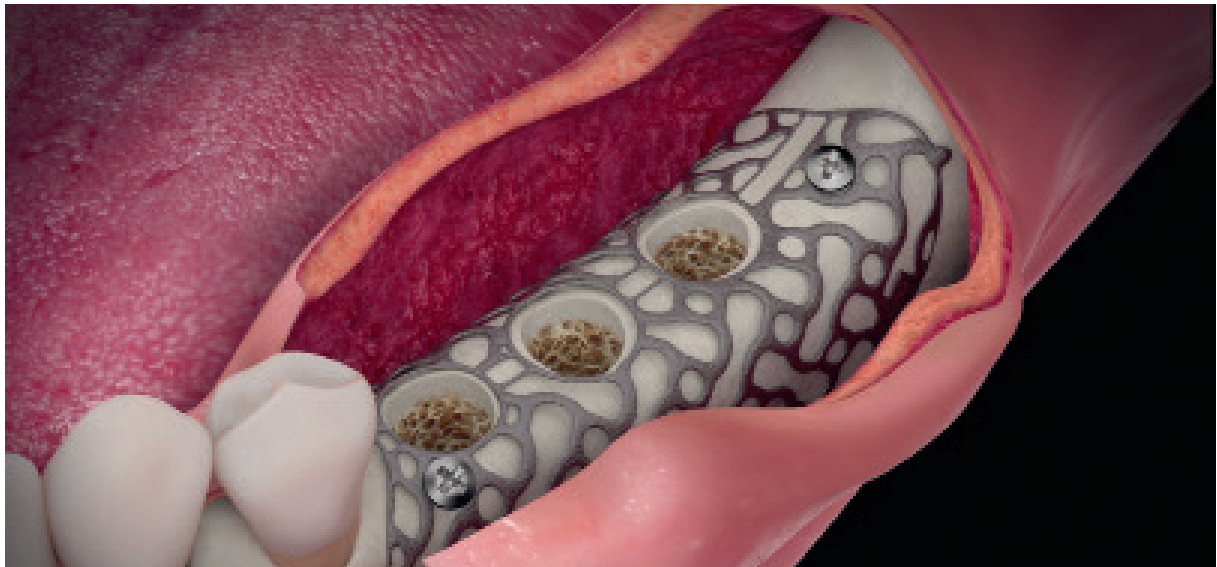
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Geistlich Biomaterials

Combined implant and augmentation planning in 3D



The titanium mesh ReOss® from Geistlich Biomaterials now offers practitioners the option of integrated implant positioning during surgery planning. When ordering a patient-specific 3D grid structure, which is created on the basis of CT or CBCT image data, implant positioning in 3D can be additionally requested. The Yxoss CBR® mesh can thus also be used as a template for orientation. Dr Marcus Seiler, developer of the system, states that practitioners can now forgo the use of a drill template when treating complex bone defects, such as horizontally and vertically combined bone

defects. According to Sailer, the drill holes in the grid structure would also considerably simplify the insertion of bone grafting materials, which leads to shorter chair times as a result and the risk of the procedure is significantly reduced for the patient as well.

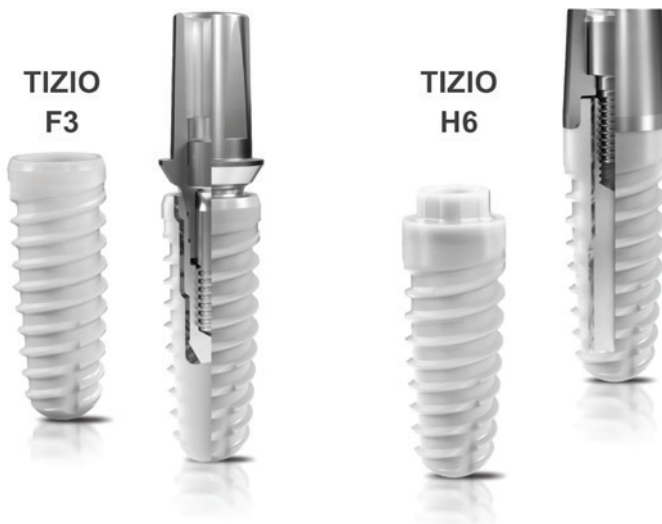
Geistlich Biomaterials Vertriebsgesellschaft mbH
Schneidweg 5
76534 Baden-Baden, Germany
www.geistlich.de

TIZIO Hybrid Implants

Implants made of titanium or ceramic?

Neither dental practitioners, nor patients need to be confronted any longer to this either-or-question. Thanks to the innovative glass soldering technique, it will henceforth be possible to create

a firmly bonded compound between titanium and dental ceramic in order to merge the benefits of both materials. The titanium core inside the hybrid implant gives the usual safety and stability, as well as high prosthetic flexibility and ultimately the required treatment quality. The outer ceramic shell coated with a glass matrix ensures an optimal tissue compatibility, improved aesthetics furthermore less plaque accumulation and thus a lower risk of peri-implantitis. Simultaneously, we constantly aim for innovative solutions in order to give both, patients as well as dental practitioners, the highest possible therapeutic safety and quality. For this purpose, we perform research and development on innovative materials with people from various disciplines, being driven by our guiding principle: TIZIO – The best bonding between man and technology.



TIZIO Hybrid Implants GmbH
Breite Straße 16
18055 Rostock, Germany
www.tizioimplants.com

Camlog

New implant line providing confidence in the field of immediacy

In close collaboration with practising surgeons, Camlog has developed a new implant line to meet the demands for shorter treatment times, earlier prosthetic restoration, and fewer sessions. The PROGRESSIVE-LINE implant is suitable for all indications. The outer geometry of the new implant line, which is available for both CONELOG® and CAMLOG® connections, is geared to facilitate the implementation of treatment concepts such as immediate placement and restoration. The PROGRESSIVE-LINE is coupled with highly efficient protocols for the implant bed preparation in all bone types. Well thought-out features of this apically tapered implant, prove to be particularly advantageous in soft bone. Threads down to the apex make PROGRESSIVE-LINE ideal for immediate implantation and a coronal anchorage thread helps to master complex situations in reduced bone height. Additional features encompass a broadened thread height with strongly engaging threads, and flexible drill protocols which allow to adapt the stability according to the needs of the treatment plan. In addition, advanced drill designs offer efficient implant site preparation in dense bone—without requiring additional tools or a tap.



Camlog
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4053 Basel, Switzerland
www.camlog.com

LASERVISION

Lightweight magnifying goggle for laser treatment

Laser-safety loupes are especially required in dentistry. Due to the optical characteristics of a loupe the protection of the eyes is notably considered. When used in laser-assisted applications, loupes allow for an increase in the power- and energy density of the laser. Within dentistry, precise laser treatments and, as a consequence, successful treatment outcomes can be achieved using loupes. The new F27 magnifying eyewear combines the already proven F22 eyewear frame and a newly developed adapter with the magnifying glass of one of the leading German manufacturers. By virtue of the large number of available laser protection filters for this spectacle frame, a suitable magnifying glass can be configured for almost every laser application. Especially in combination with the HR2.5x/340mm binocular loupe, the F27 can cover the entire range of dental laser applications. Additionally, laservision offers magnifiers with working distances of 420 and 520 mm for many more requirements. For further information on the available shields and filters for the innovative laser safety loupes, contact LASERVISION GmbH & Co. KG—we are always at your disposal.

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www.uvex-laservision.de

