

Argon Medical

## Perfect and aesthetic mucosal stability

The preservation of tissue is essential for long-term implantological success in terms of aesthetics and function alike. Our K3Pro and the new K4Pro have always been optimised for subcrestal insertion, so the optimum biological width can always be maintained. The implant with its anatomically designed shoulder is reliably sealed by vital bone. Science and practice determined that strict adherence to a 3 mm minimum rule is a basic prerequisite for the application of the zero bone loss concept and thus the sustainability of implantological success. Users of crestally placed implants face the problem that a minimum 3 mm thick gingiva must be present for this protective mucosal sleeve to remain stable. Users of the subcrestal K3Pro and K4Pro are always on the safe side here. Argon Dental is again significantly increasing the range of indications. New components with identical emergence profiles for healing, impression taking, laboratory and prosthetics allow for the first time 2 mm subcrestal insertion with gingival heights of 1, 2 or 3 mm.

The unique biology created by this subcrestal philosophy of healing remains untouched after surgery. Healing screws and abutments, impression posts and abutments precisely matched to the respective insertion depth and gingival height function in unison like a first-class orchestra. The results are unparalleled, and the unique systematic approach to application makes it easy for new users.

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curasan

## Maximum flexibility with CERASORB® Foam

CERASORB® Foam is a multiporous composite material for bone augmentation consisting of collagen and resorbable bioceramics. The use of phase-pure  $\beta$ -tricalcium phosphate with regular interconnecting porosity and primary particle size results in the degradation of the biomaterial simultaneous to bone formation. The shapeable variant of the CERASORB® Foam with low density allows plastic deformation and can be individually adapted to the defect. CERASORB® Foam is miscible with blood and I/A-PRF at a ratio of 1:1, producing an ideal kneadable mass for filling bone defects. The multiporosity of the granules embedded in the collagen helps bone to grow in faster. Blood components and body fluids can permeate



Dentsply Sirona

## The perfect union of form and function

The new DS PrimeTaper is a demonstration of science and art in harmony. Its innovative design enables predictable, secure placement across the widest range of bone densities. DS PrimeTaper is a self-tapping implant with a tapered design and progressive self-cutting threads that have been crafted to cut quickly and engage without excess torque, the result is immediate installation stability. A simple drilling protocol ensures excellent control and supports the workflow. Lasting performance is further enhanced by the unique MicroThread design that provides long-term biomechanical bone stimulation, improved aesthetics and lasting satisfaction for both patient and clinician. Building on Astra Tech Implant System's proven reputation for fast, predictable osseointegration, the DS PrimeTaper OsseoSpeed surface bonds with more bone, more rapidly. The outcome is long-term bone care and stability that outperforms the competition at both 1- and 5-year intervals (Norton MR, Astrom M. Int J Oral Maxillofac Implants 2020; 35:1099–111).

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**www.dentsplysirona.com/en/explore/implantology/ds-primetaper.html**



TBR Dental

## Giving you confidence in implantology

The Z1 implant, combining a titanium body and a zirconia collar, offers the advantage of being a tissue-level implant as well as using materials optimised for the tissues with which they are in contact. Tissue-level implants require only one surgery, which saves time for the practitioner and is also more comfortable for the patient. Moreover, it allows a healing of the soft tissues of first intention as well as a simultaneous healing of the hard and soft tissues, thus saving treatment time and improving final aesthetic. Its titanium body, combined with its sandblasted and etched surface, allows a good integration of the implant into the bone and also provides it good mechanical properties. The transgingival zirconia collar reduces bacterial colonisation compared to titanium thus protecting the bone from bacterial infiltration.<sup>1</sup> In addition, the adhesion and proliferation of fibroblasts is improved, leading to a strong attachment between the soft tissues and the zirconia collar, ultimately leading to an optimal aesthetic result. This last item is accentuated by the zirconia colour that is similar to the one of natural teeth, which will avoid the greyish colouring of the gingiva.<sup>2</sup> Discover the Z1 implant to combine the advantages of a tissue-level implant and a transgingival zirconia collar!

**TBR Dental Group**  
 24, impasse René Couzinet  
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[www.tbr.dental](http://www.tbr.dental)



Fotona

## Ultimate mobility, style & performance

Fotona's award-winning SkyPulse dental laser is widely recognised as a uniquely versatile tool in dentistry, and implantology is no exception. SkyPulse's high-precision Er:YAG laser is perfect for the treatment of peri-implantitis, including the re-



removal of granulomatous tissue from inflamed surfaces and direct implant decontamination. In addition,

SkyPulse's high-performance diode laser allows for highly effective soft-tissue procedures with simultaneous coagulation and disinfection, as well as tissue regeneration, making it perfect for applications in oral surgery. For those interested in a more compact solution, Fotona also offers the hand-held XPulse diode laser that is ideal for a wide range of soft-tissue procedures, plus innovative new treatment possibilities such as the revolutionary EmunDo Photo-thermal & Photodynamic Therapy, which treats both periodontitis and periimplantitis with the aid of a unique photosensitive activator.



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MIS

## Single-use, procedure-ready drills

MIS presented its latest innovation at the DS World event in Las Vegas. MIS XD are single-use, sharp, sterile, procedure-ready drills, delivering a complete procedure in every implant package. These single-use drills are designed for optimal implant-drill compatibility and high initial stability, while ensuring safe and simplified procedures. Using sharp drills in every drilling procedure prevents drill wear and deformation. Their sterility eliminates the need for post-surgery sterilisation and reduces the risk of cross-contamination and infection. MIS XD are always compatible with the implant shape and dimensions. The drills are designed for depth control, providing more visibility and confidence in the drilling procedure. Single-use drills allow for a simple and quick procedure while eliminating cleaning, re-sterilisation, and the management of drill replacement. MIS XD will be available with the MIS C1 and MIS SEVEN implants from December 2021 in the US Market.

**MIS Implants Technologies, Israel**  
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BioHorizons Camlog

## The next generation soft-tissue augmentation material



When choosing a biomaterial, there is a strong demand in clinical practice for predictable outcomes. For over 20 years, LifeCell, a leading global medical technology company, has developed innovative products for use in a wide range of applications. BioHorizons Camlog expands its soft-tissue portfolio to bring NovoMatrix, an innovative soft-tissue augmentation material. NovoMatrix is an acellular extracellular dermal matrix consisting of tissue-engineered porcine material. It is a breakthrough in xenogeneic processing ensuring a structurally intact, undamaged scaffold that supports cell and microvascular ingrowth. The proprietary tissue processing allows for rapid revascularisation, cell repopulation and minimal

inflammation. NovoMatrix comes pre-hydrated and ready to use and offers a true alternative to autogenous soft-tissue grafts and current products on the market. The NovoMatrix indications include guided tissue regeneration procedures in recession defects for root coverage, localised gingival augmentation to increase keratinised tissue (KT) around implants and natural teeth, and alveolar ridge reconstruction for prosthetic treatment.

**Camlog Biotechnologies GmbH, Switzerland**  
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