

## The new whiteSKY Alveo Line from bredent

# Optimal care for every case



In 2021, the whiteSKY implant system from bredent received an improved design. Now it has been complemented by a new line: the Alveo Line. This means more treatment options for the implantologist and an optimal restoration for every case.

The whiteSKY implant system from bredent is one of the best documented zirconium implant systems in the world. In addition to numerous studies proving its good osseointegration and longevity, the system has also proven itself in practice: The survival rate of whiteSKY is on par with implants made of titanium.

The system has been comprehensively improved as recently as 2021. Now, in addition to the Tissue Line, there is another line: the Alveo Line. The implantologist now has the choice: should space be left for the soft tissue or should the extraction socket be filled?

### Tissue and Alveo Line: What are the differences?

The whiteSKY Tissue Line is a narrow implant that is offering plenty of space for hard and soft tissue. The slightly waisted shape in the sulcus area of the whiteSKY Tissue Line allows very attractive esthetics, especially in the area of the transition from gingiva to implant crown. The whiteSKY Alveo Line fills the extraction socket during immediate implant placement. At the same time, it is giving the practitioner the opportunity to indi-

vidualize the implant accordingly to the requirements of the clinical case.

### Where are the similarities?

Whether Alveo or Tissue Line—both shapes are offering optimal conditions for soft tissue attachment due to their sulcus surface. The whiteSKY implants are made of hipped zirconia and come as a one-piece. These two product characteristics give them very high mechanical stability. Thanks to the improved thread design and a bone quality-oriented surgical protocol, high primary stability is achieved across every treatment case. This makes both lines of whiteSKY implants ideal for immediate restoration. Studies have shown that immediate implant placement improves bone-to-implant contact by more than 50 per cent.

*Would you like to learn more about whiteSKY implants?*

*Go to the product website at <https://bit.ly/3w8BQqK>.*

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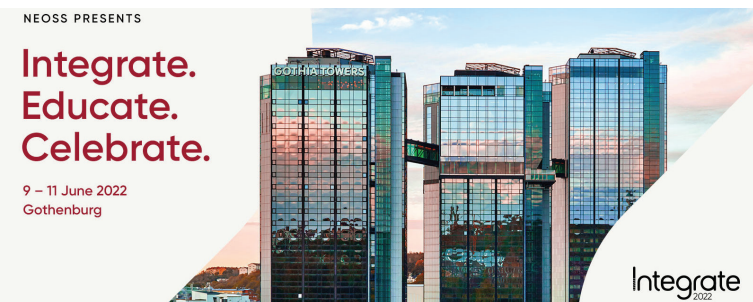
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## Neoss

## Three-day conference to celebrate 20 years of Intelligent Simplicity



This summer, Neoss is celebrating 20 years of Intelligent Simplicity and is inviting the dental community from around the globe to attend an exceptional scientific programme. Happening in Gothenburg, Sweden, the home of modern implantology and Prof. Per-Ingvar Brånemark, from 9 to 11 June. This three-day conference chaired by Prof. Christer Dahlin, will invite renowned speakers to

the stage to discuss topics and techniques such as prosthetic simplicity without compromise, simplicity in practice, managing risk factors, digital flexibility for you and your patient, and accurate simplicity in intra-oral scanning. Included, will be various break-out sessions for the whole dental team. The programme lectures and break-out sessions will showcase how you can bring efficient workflows into your daily practice. And that's not all! Each day, scheduled around the conference will be social activities and excursions which will delight all, from the more energetic morning running, boat trips and exciting dinners, to the more relaxed sunrise yoga and health and wellbeing sessions. All to celebrate the valued community Neoss has created over its 20 years of innovation.

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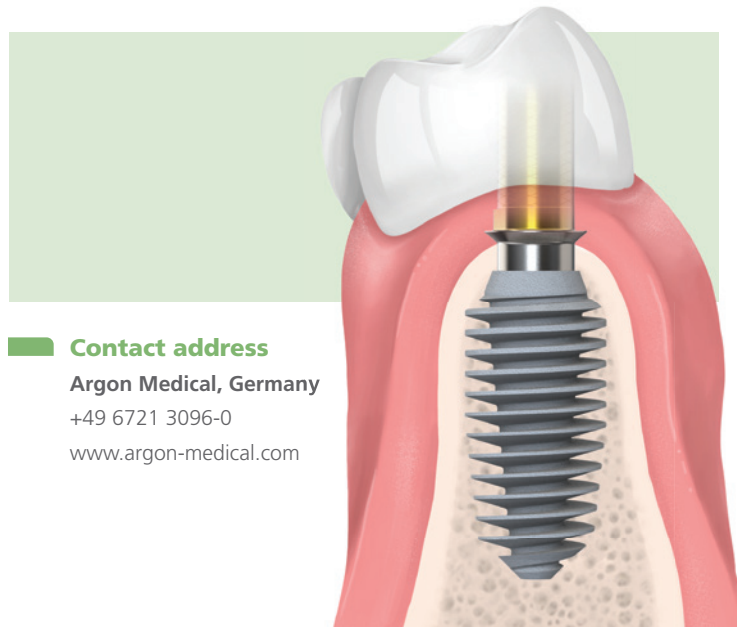
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## Argon Medical

## A combination of main healing aspects and desirable aesthetics

The successful K3Pro implant line from Argon Medical has been enlarged last year by an additional innovation, namely The Compress Implant. The dire need of discerning implantologists to provide their patients with stable provisionals immediately after implantological operations, requires an implant with exceptionally high primary stability—especially in the case of soft bone. For immediate implantations, however, it is often necessary that self-tapping thread flanks secure the implant with the alveolar wall. Also and of much importance is a generous free space for healing through blood coagulation. The new Compress Implants fulfil both aspects mentioned above without neglecting the classic virtues of optimisation for sub-crestal insertion for outstanding aesthetics. Furthermore, the anti-bacterial seal, as well as the micromovement-free connection for sustained tissue preservation is also given in this well-rounded idea of the Stable Tissue Concept. The compressive and progressive self-tapping thread for easy and precise insertion in soft bone has a plateau design and offers added

primary stability for immediate loading. The implant diameter is measured according to the width of the thread flank, whereas the implant body remains similarly slim. Therefore, the choice of diameter regulates the degree of primary stability.



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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 the bone regeneration material unhindered and rapidly to accelerate osseous integration, vascularisation, and resorption. Due to the specific composition of CERASORB® Foam, a high degree of volume stability is achieved even after degradation of the more rapidly resorbable collagen, while high radiographic density is maintained. In addition to the round granule form, which has only interconnecting micropores, CERASORB® Foam consists of polygonally broken  $\beta$ -tricalcium phosphate with micro-, meso- and macropores with a pore size up to 500  $\mu\text{m}$ .

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Next-generation Implant System with  
an internal design by enhancing  
strength and convenience!

## KS System—The key solution for strong implant



The KS (Key Solution) implant system provides durable stability for patients and easy access and manipulation for dentists. The KS implant has an internal hexagon connection and 15° Morse taper, which provides larger angular compensation compared with its forerunner. Its internal hexagon connection ensures high structural stability against external loads. The use of this system reduces chair time thanks to its strong structure, simple platform, and easy prosthetic application.

Enduring the forces and stress dispersion are strongly enhanced compared with existing products. The wall thickness of the connection is increased, owing to the 15° Morse taper angle. The KS implant has been proven to be stronger and to maximise fracture resistance.

Thanks to the system's single platform, prosthetic planning is simpler than ever. It reduces the steps and the chair time by not having to identify specifications regardless of the platform to select the prosthesis. Moreover, its effects on reduction of prosthesis fastening error due to the abutment compatibility with all diameters of implants enable stock control by reducing inventory burden.

The KS abutment holding system makes abutment seating easier. The KS implant and superstructure stay connected even before tightening the screw. The abutment does not fall out even when the implant is held upside down and shaken. The KS implant is the only implant system on the market providing single-handed use, giving the dentist easy access and the most convenient implementation. It also prevents the seated superstructure from being pushed up by the gingiva or the misconnection of the superstructure during flapless surgery.

The surface is coated with BA substance, a super-hydrophilic coating that boosts osseointegration by increasing blood adhesion. BA substance is 100% bio-absorbable and provides excellent healing efficacy which increases the success rate in bad bones as well. The rapid formation of woven bone by attracting blood to the titanium surface has contributed to improving the initial stability of implants. Therefore, the BA surface treatment shows excellent osteointegration without any concerns, and increases the implant's ability for bone formation and remodeling to enhance all the good effects.

## Curaden

# Rinsing against SARS-CoV-2— one mouthwash reduces infection risk

In a study that is the first of its kind, researchers from Claude Bernard Lyon I University in France have shown that Curaprox's Perio plus regenerate mouthwash reduces the risk of transmitting SARS-CoV-2. A single rinse with the mouthwash lowers the viral load in the mouth by 71%, aiding the immune system in controlling the start of infection.

### An important breakthrough

The Curaprox Perio plus mouthwash protects against viral infections and has protective and regenerative properties, thanks to the hyaluronic acid it contains. The result is an oral mucosa that is in optimal health and minimally susceptible to viral infection. Rinsing and gargling with Perio plus regenerate is an excellent barrier measure against the spread of SARS-CoV-2. The discovery has interesting implications for fighting the COVID-19 pandemic, as well as for future antiviral preventive measures. Be it for personal or clinical use, antiviral mouthwashes could play an important role in reducing the general risk of contamination.

The study, titled "Use of an antiviral mouthwash as a barrier measure in the SARS-CoV-2 transmission in adults with asymptomatic to mild COVID-19: A multi-centre, randomized, double-blind controlled trial", was published in the October 2021 issue of *Clinical Microbiology and Infection*.

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## Straumann

# Iconic Tissue Level meets Immediacy

The science of tissue-level implants has been taken to the next level. Straumann® has built on and perfected its well established Straumann® TL system.

The Straumann® TLX system combines a neck design mimicking the natural anatomy and respecting the biological distance in all dimensions with latest innovative endosteal design, optimised for primary stability. The new system is designed to significantly reduce the risk of inflammation and bone resorption as the implant-abutment interface is moved away from the bone. The Straumann® TLX system has been developed for optimal primary stability and immediate protocols in all bone types and lets you increase efficiency with a one-stage, straightforward workflow. It forms the perfect complement to the Straumann® BLX system for bone-level implants. Both systems use one common drill set and TorcFit™ connection for maximum compatibility with minimum investment.

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