

Amann Girschbach

Digitisation pays off with AG.Live

Amann Girschbach is all about supporting laboratories in organising digital dental workflows. With the AG.Live digital platform, this project reaches a new dimension. AG.Live helps dental technicians to manage

all digital activities locally and to connect with a global network of digital dental professionals. Patient case management is at the core of the platform, which replaces the previous C3 customer portal—this is where the patient case is created, managed and processed digitally. Patient cases can be shared with partner laboratories for further processing and in the foreseeable future also

be exchanged between the dentist and the laboratory. Not only will laboratories and clinicians be networked, but also machines and materials—for example, to access material availability or to the operating modes of milling machines and many other relevant factors of a dental fabrication process. Thus, AG.Live will enable keeping track of all digital activities—from one place, anywhere and at any time. In doing so, it is Amann Girschbach's intention to create a network of optimised as well as new partnerships. Network participants will be able to work and collaborate more efficiently, to focus on their strengths and thus better position themselves in the market. In a further step, Amann Girschbach will implement access to the company's own "AG Academy" training portal with numerous training and further education opportunities.

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<https://expo.aglivecon.digital/de/planets/ag-live>



Dentsply Sirona

Superior in marginal bone maintenance

For the first time, a meta-analysis looks at how three premium brand implant surfaces influence marginal bone maintenance. The story, co-authored by Dr Michael R. Norton and statistician Mikael Åström, came about for two reasons. First, no meta-analysis existed to compare the marginal bone loss due to different surface modifications among current premium brands. Second, articles by Dr Dirk Duddeck et al. suggest that premium implants are free of foreign materials. In contrast, cheaper implants may be riddled with impurities. Is this the case? And if so, was there any difference between premium brands too? The answer is essential as the surface affects osseointegration and marginal bone maintenance. In the case of cheaper clones, the research suggested that these may cause peri-implant infections and compromised function. Key takeaways of the meta-analysis include: OsseoSpeed (Astra Tech Implant System) has, on average, the least marginal bone loss in both 1-year (−0.29 mm) and 5-year (−0.35 mm) follow-ups; There is a statistically significant difference between OsseoSpeed and two other premium brand implant surfaces in both 1-year and 5-year follow-ups; OsseoSpeed offers more predictable outcomes with less variation around the mean and less spread. In conclusion, the authors state that OsseoSpeed demonstrates superior marginal bone levels—which is vital to achieving the best possible functional, biologic and aesthetic outcomes over the long term.

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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 β -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 β -tricalcium phosphate with micro-, meso- and macropores with a pore size up to 500 μ m.



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augmentation material

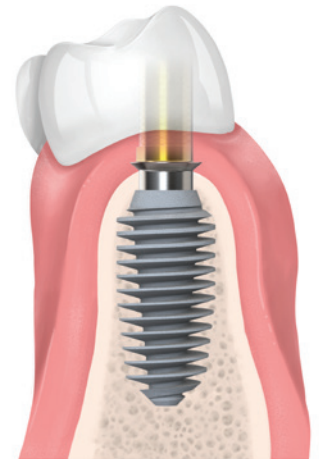
When choosing a biomaterial, there is a strong demand in clinical practice for predictable outcomes. For over 20 years, LifeCell, a leading global medical technology company, has developed innovative products for use in a wide range of applications. BioHorizons Camlog expands its soft-tissue portfolio 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.

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Argon Medical

Ideal for soft bone and extraction sockets

The successful K3Pro implant line from Argon Medical is now extended by an additional innovation: The Compress Implant. The desire of implantologists to provide patients with fixed provisionals immediately after implant surgery requires an implant with exceptionally high primary stability, especially in soft bone. For immediate implantations, however, it is often necessary that self-tapping thread flanks fix the implant securely to the alveolar wall and that there is generous free space for healing through blood coagulation. The new Compress Implants fulfil both aspects without neglecting the classic virtues of K3Pro—the optimisation for subcrestal insertion for outstanding aesthetics and the anti-bacterial bone seal as well as the micromovement-free connection for sustained tissue preservation as part of the STC (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. With immediate implantation, the conical, or tapered implant body offers sufficient space between the thread flanks to allow for blood coagulation.



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MIS

MGUIDE 16 mm drill kit for conical connection implant procedures

As part of the company's continuing effort to offer comprehensive solutions for guided surgery procedures in all clinical scenarios, MIS released the MGUIDE kit for 16 mm conical connection drills used in implant placement procedures. The kit has already been implemented in MSOFT, the MIS software used for guided procedure planning, and is offered through an automatic update. This offering extends the existing solution for this range of implant lengths that were not previously available. The kit includes all drills for a complete procedure, as well as the addition of a marking drill which is intended for extraction sites. Orit Kario, MIS Digital Solutions Product Manager, highlights the marking drill, explaining that "it was designed for this specific kit and enables drilling within sockets, providing an added value in immediate placement procedures within extraction sites. The drill's design allows to drill in through the socket wall. In addition, the same kit may be used for both standard and narrow sleeve drills.

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Curaden

A new generation of antiseptics with less CHX

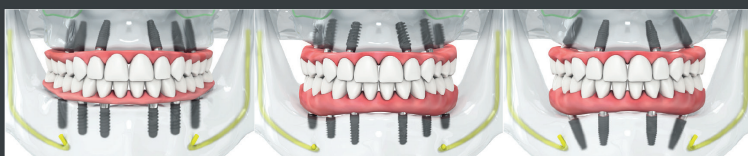
Curaprox Perio plus preludes a new generation of oral antiseptics containing just the right amount of chlorhexidine (CHX) for each case and patient. The secret ingredient? Citrox. This organic antibacterial sourced from bitter oranges breaks down biofilm and slows down its regrowth. Because it enhances the overall effect of Perio plus, a lower dose of CHX can be used after treatment, minimising side effects. The unique combination of Citrox and polylysine prolongs Citrox's substantivity, while a pleasant fresh mint flavour enhances patient compliance. Perio plus contains no alcohol or sodium lauryl sulphate. Perio plus mouthwash is available in different CHX concentrations, ranging from a bacteriostatic 0.05 per cent up to a bactericidal 0.20 per cent, for adequate, individualised treatment, while the Perio plus support toothpaste contains a balanced 0.09 per cent. The 0.5 per cent CHX gel is perfect for localised treatment of wounds, infections or implant complications. Moreover, the toothpaste, gel and regenerate mouthwash contain hyaluronic acid, which promotes tissue regeneration.

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perioplus.com

Straumann

Straumann® Pro Arch—Tailored to fit, designed to last

A WINNING COMBINATION THAT DIFFERENTIATES YOUR PRACTICE



Bone situation	Sufficient bone availability	Insufficient posterior bone height availability	Insufficient posterior bone availability
Treatment options	Six straight implants	Short implants in posterior region	Tilted posterior implants
Straumann® portfolio highlights	<ul style="list-style-type: none"> The BLX and TLX Ø 3.75 mm implant for all indications Narrow implants: BLT Ø 3.3 mm or BLX and TLX Ø 3.5 mm Short BLX and TLX 6 mm implants Long 18 mm implants 		



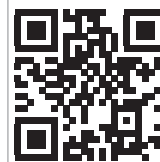
TBR Dental

Discover Z1®—The tissue-level implant with a zirconia collar

The Z1 tissue-level implant requires only one surgery, which is time-saving for the practitioner and more comfortable for the patient. In addition, its transgingival position allows the surgeon to easily see the connection, which facilitates his work. Moreover, it allows a healing of the soft tissues of first intention as well as simultaneous healing of the hard and soft tissues, which reduces the overall treatment time and leads to improved final aesthetics. Moreover, the absence of mobility between the abutment and the implant at bone level avoids associated bone loss.¹ The transgingival zirconia collar of the Z1 protects the bone from bacterial infiltration. Indeed, zirconia reduces bacterial colonisation compared to titanium.² In addition, the attachment and proliferation of fibroblasts is improved, leading to a strong attachment between the soft tissues and the zirconia collar, which leads to a natural reconstruction of the papillae and to an optimal aesthetic result.³ Aesthetics are additionally accentuated by the natural colour of zirconia, which resembles the colour of natural teeth.⁴ Discover the Z1 to combine the advantages of a tissue-level implant and a transgingival zirconia collar!

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Literature



Of the millions of people facing dental problems, there are no two cases the same. Straumann® Pro Arch is a tailored treatment solution for fixed, immediate, full-arch restorations, and enables flexible treatment options. With Roxolid® for reduced invasiveness^{1,2} and SLActive® for enhanced bone regeneration³ you can deliver high predictability and achieve peace of mind even in challenging clinical situations. Learn more at: www.straumann.com/proarch

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50th International Annual Congress of DGZI e.V.
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