edelweiss aims at shaping the future of dentistry with function and aesthetics

The dental think-tank edelweiss dentistry is known to have pioneered the only direct biocompatible veneering system that has overcome the disadvantages of organic fillers, which are commonly used in composite veneers. Using the laser-sintered concept, this technology has dramatically reduced the natural shortfalls of composite and thereby enhanced aesthetics and function.

The product range varies from ultrathin anterior and occlusal enamel shells to root canal posts with build-ups and even a novelty in paediatric dentistry: integrating composite crowns instead of conventional metal crowns or zirconium crowns. This enables a safe and easy treatment, creating healthy smiles for children.

Never before has it been feasible to directly create the natural shape and youthful luminescence of a tooth so easily and perfectly in only one appointment. Its versatile area of application, together with its time- and cost-saving procedure, makes edelweiss DIRECT SYSTEM a sound investment in the future with the best interests of the patient in mind.

The philosophy of edelweiss dentistry is simple: making dental treatments easy and affordable for patients and dentists alike while following ethical aspects of modern treatments, which is achieved by respecting the principles of biocompatibility and bio-ethics. All this together allows minimally invasive treatments. Restoration and optimisation are carried out while considering and preserving the healthy tooth structure. The function and aesthetics are reconstructed with a highly filled nano-hybrid composite very similar to the tooth substance—a concept that clearly speaks in favour of non-restorative or additive techniques. This makes the DIRECT SYSTEM from edelweiss the state-of-the-art for modern and minimally invasive aesthetic dentistry.

The translucent VENEER and OCCLUSIONVD shells as well as the PEDIATRIC CROWNs represent the anatomical basis for individual or complete dental reconstructions. After a successful splint therapy, the OCCLUSIONVD, where “VD” stands for vertical dimension, can be adjusted individually and be used adhesively as non-prep Overlays to solve functional problems.

The edelweiss POST & CORE system achieves in adhesive bonding with the tooth, from root to crown a biomechanical monobloc. The posts have a conical shape for better post space adaptation. The translucency of the fibre-free post, supported by the in the build-up integrated lens design, allows uninterrupted light transmission for complete polymerisation. Moreover, the opaque build-up in dentin A1 comes in different anatomical forms. Like VENEER and OCCLUSIONVD shells, edelweiss PEDIATRIC CROWNs are made of a laser-sintered zirconium glass, which makes them both highly antibacterial and plaque resistant.

These crowns are biocompatible; they have the same abrasion as natural teeth, and that is why the edelweiss pediatric crown does not damage the antagonist tooth.

The mesial and distal margins of the edelweiss pediatric crown follow the natural gingival line of the max teeth. The edelweiss pediatric crowns perfectly imitate natural max teeth in both, form and function. The prefabricated, bio-esthetic morphology allows for a quick and safe treatment.

You can achieve the maximum aesthetic results—those are also minimally invasive—in just one appointment. No matter the dental situation, edelweiss has the right crown for it.

Learn more about edelweiss dentistry products at www.edelweiss-dentistry.com or visit the company’s booth at IDS (Hall 11.3, Booth D688-E69).

VENEER
OCCLUSIONVD
POST & CORE
PEDIATRIC CROWN
COMPOSITE

DIRECT SYSTEM

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