

“The edelweiss CAD/CAM BLOCK certainly created a buzz”

By Franziska Beier, Dental Tribune International



The edelweiss i-BLOCK with integrated screw channel.

Pioneering Austrian manufacturer edelweiss dentistry presented its aesthetic solutions at this year's IDS and had a successful and interactive time at the trade fair. The company boasts the only biomechanical direct veneer system that overcomes the disadvantages of the organic fillers normally used in composite veneers and at IDS presented its newest development: the edelweiss CAD/CAM BLOCK, particularly its unique i-BLOCK for implant restorations. In addition, edelweiss dentistry showcased the edelweiss PEDIATRIC CROWN, the only natural-looking and minimal preparation crown on the market for use in children.

The edelweiss DIRECT VENEERS and OCCLUSIONVD system.



The edelweiss CAD/CAM BLOCK is a unique block that is created through a patented laser sintering and vitrification process to produce a single glass phase. The block has the aesthetics of pure glass ceramics, the strength of particle-filled ceramics and the resilience of natural dentine.

The edelweiss CAD/CAM BLOCK has several advantages compared with other blocks on the market. Owing to the material's glass-like property, the final restoration only needs to be polished with a linen buff, significantly speeding up finishing and polishing. No additional firing or glazing is needed, saving time and money.

“This newest block from edelweiss dentistry was one of the highlights of IDS 2023. Many industry representatives, dentists and dental technicians milled the edelweiss CAD/CAM BLOCK on-site and couldn't believe the ease with which it can be milled. Manufacturers of milling units were amazed by the ease of polishing and the strength of the product. The edelweiss CAD/CAM BLOCK certainly created a buzz and was a talking point at IDS 2023,” said Dr Stephan Lampl, CEO and founder of edelweiss dentistry. He added: “Its outstanding, long-lasting shine and strength make it currently the best option for both anterior and posterior CAD/CAM restorations. This block is setting a new trend in the dental industry and is certainly changing the future of CAD/CAM blocks.”

The i-BLOCK ensures high aesthetics and exceptional strength

The edelweiss i-BLOCK has a screw channel built into it that fits into the titanium base over the implant. This allows for perfect design of the abutment with a perfect emergence profile,



The newly launched edelweiss CAD/CAM BLOCK showcased at IDS.

making it easy to restore implants especially in the case of immediate loading or custom abutments. The block has a unique shock-absorbing effect. Resin within the material gives the restoration the resilience to withstand any occlusal force. This is particularly important to avoid transmission of forces to the periodontal tissue and the implant, making the edelweiss i-BLOCK a safe option for long-lasting protection of the implant.

The PEDIATRIC CROWN mimics the properties of natural teeth

Another highlight at this year's IDS was the edelweiss PEDIATRIC CROWN, the only crown for children that mimics the properties of natural teeth, is highly aesthetic and requires minimal tooth preparation, since stainless-steel crowns are less aesthetically pleasing and zirconia crowns require excessive removal of tooth structure. "It is also easy to use and reduces chair time for the child", said Dr Desigar Moodley, chief scientific officer at edelweiss dentistry. The edelweiss PEDIATRIC CROWN contains zinc oxide nanoparticles and fluoride for antibacterial properties. It is also free of bisphenol A, making it very safe for young patients.

IDS 2023 participation was a valuable experience

The company works with several key opinion leaders, some of whom attended the fair to support edelweiss dentistry with their expertise. They were very pleased with the positive response to the products. Dr Nikola Podolesov, a dentist from North Macedonia and one of the company's key opinion leaders for Europe, commented: "It was fantastic to demonstrate the edelweiss products live in front of so many dentists." German dentist Dr Vesna Jelic, who is also a key opinion leader for Europe, said: "Being able to communicate with so many dentists, resulting in them learning from us, was very exciting."

"Attending IDS 2023 after years of the pandemic provided a valuable experience for the entire edelweiss team. The atmosphere of the event was busy and bustling with excitement, and the show gave us the opportunity to network with industry professionals from all over the world," concluded Dr Lampl.

Editorial note: More information on the edelweiss dentistry products can be found at www.edelweissdentistry.com.

IDS 2023 offered the edelweiss dentistry team the opportunity to network with industry professionals from all over the world. (All images: © edelweiss)

