

Oral ozone treatment with Ozosan Gel



Fig. 1 The situation at the time of application of Ozosan Gel. **Fig. 2** The situation seven days later after two applications of Ozosan Gel.

Continuous technological innovation and the advancement of scientific research offer dental professionals new solutions and new treatment possibilities every day. The use of a stabilised ozone gel such as Ozosan Gel is considered one of the least invasive and most predictable methods for promoting healing for daily application in various therapies involving the oral cavity. It has antimicrobial, anti-fungal, antiviral, biostimulatory and immunostimulatory effects.

When ozone comes into contact with micro-organisms, it acts on them by degrading their cellular membranes and preventing their reproduction. However, with regard to the cells of the human organism, ozone improves cellular metabolism, positively influences the inflammatory response by regulating and optimising it, promotes the transport of oxygen

to the tissue and supports the tissue's healing mechanisms.

No allergic response to Ozosan Gel has been reported, and it does not cause antibiotic resistance, meaning that it can be used in various clinical cases and even for a long period without any contra-indications. Ozosan Gel is a supplementary minimally invasive therapy for topical application that clinicians can integrate into their conventional protocols to improve the effectiveness of their treatment. Ozosan Gel is a Class IIa medical device, made in Italy, for intraoperative use with different applications: from the most invasive surgery to prevention protocols.

Dental professionals can try out BIOACTIVA's products at Booth A061 in Hall 10.1. More information about the company's portfolio can be found at www.bioactiva.it. ◀

Innovation never sleeps: A-dec to share its next new development at IDS

■ Can you do this? That phrase from dentists today prompts the same spark to creatively solve dental equipment challenges as it did 60 years ago when A-dec was founded on an invention and a dream. Even then, A-dec knew that the best sources of innovation are the dental teams who use the products every day. Through the years, the company has built a large network of dentist advocates and key opinion leaders with whom it partners and field-tests. It is this outcome-driven innovation that helps A-dec understand pain points and identify opportunities to create and improve. With increased awareness of touch-points and of sanitisation in practices over the past decade, A-dec designs dental chair units, stools, lights, delivery systems, furniture and waterline maintenance products with this in mind. Now, the company is ramping up for the next innovation.

Innovation never settles

"Making the best better" is in A-dec's DNA, and no detail is too small. Since every part of the manufacturing process matters across the full line of products, it controls the entire process, including engineering, manufacturing and assembly. The company even makes the major



ity of the parts it uses—sourcing the raw materials, then turning, drilling and milling them at its main site in Oregon in the US. There is no better way to ensure reliability, longevity and consistent performance. A-dec designs every piece of its equipment to help dental teams enjoy better workflow, efficiency and comfort.

From dental chair units and delivery systems to dental furniture and lights, to mechanical room equipment and sterilisation centres, rest assured, A-dec will never stop innovating. Come see what's next!

For more information and to connect, visit A-dec at IDS (Hall 11.1, Booth D010/E019). ◀

Ivoclar celebrates a century of innovation



◀ An employee inserting crampton gold pins into the back of ceramic crowns. (Image: Liechtensteinisches Landesarchiv/Walter Wachter, Schaan)

■ Developing customer-focused innovations is at the heart of what Ivoclar does. The Liechtenstein-based dental company has helped shape the dental industry worldwide for the past 100 years with the main aims of

making the work of dental professionals more efficient, more convenient and easier and ensuring that patients are given an attractive smile. At IDS 2023, Ivoclar will be showcasing its special workflows and products.

The unique success story of the company started in the late 1930s, when the artificial teeth from Ramco (the company name at the time) became a sales hit. The Liechtenstein company went on to assume a pio-

neering and leading role in the dental industry, developing numerous innovations in the field of dental and oral health, direct restorative treatment and composite resin filling materials. It revolutionised the dental industry when it introduced the first pressed ceramic system, IPS Empress, in the early 1990s. This system completely changed the way in which aesthetic, full-contour single-tooth restorations were fabricated. At the beginning of the 2000s, Ivoclar developed the IPS e.max product range, consisting of IPS e.max Press, IPS e.max CAD and IPS e.max ZirCAD. IPS e.max Press is a highly aesthetic lithium disilicate press ceramic which allows restorations to be finely crafted, quickly and efficiently. The market launch of the "blue block", IPS e.max CAD, further transformed the dental industry. The IPS e.max family of zirconia products comprises the established IPS e.max ZirCAD, including IPS e.max ZirCAD Prime and IPS e.max ZirCAD Prime Esthetic. These innovative and versatile zirconia materials are characterised by superb quality, efficiency and aesthetics, offering patients the best possible treatment solution.

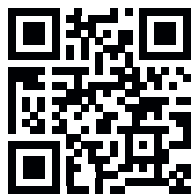
Ivoclar became aware of the importance of digitalisation in dentistry at a very early stage. The dental manufacturer introduced the Ivotion denture system in response to this trend, revolutionising the way in which removable dentures are made. This innovative system is a part of the digital denture workflow, which promises fast and predictable results in creating removable dentures from a single

disc. The system is highly efficient and produces exceptionally attractive results. Ivoclar's PrograWorld portfolio comprises a complete range of products for a smooth digital workflow, extending from digital impression taking with VivaScan in the dental practice to the digital fabrication of restorations in the dental laboratory.

As we speak, the company's in-house research and development team is working at full speed to develop new products and solutions that will make the work of dentists and dental laboratory technicians and their laboratories even easier and more efficient. Patric Frank, chief marketing officer at Ivoclar, explained the winning formula of the company as follows: "Ivoclar is committed to always adding value to the products and services it offers its customers and to being a reliable partner." He added that this can only be achieved through a constant and open dialogue with customers and partners. "That is why we look forward to having many interesting and inspiring exchanges at IDS 2023," Frank said.

At the world's leading dental exhibition, Ivoclar will be staying true to its slogan of "Making People Smile" by showcasing its innovative workflows and dental solutions. These have been developed to fulfil the main goal of dentistry, which is to give patients a healthy and attractive smile.

Visitors to IDS 2023 are invited to learn more about the individual Ivoclar workflows and innovations by visiting the company in Hall 11.3 at Booths A010/C019, A011 and A020/C029. ◀



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