

IMPLANTOLOGIE WEITERGEDACHT **NEXT STEP IN IMPLANT DENTISTRY**

■ Für die Implantologie hat Dentsply Sirona zwei neue Konzepte entwickelt, die den Workflow erleichtern und beste klinische Ergebnisse ermöglichen. Acuris steht für eine moderne Befestigung von Einzelzahnkronen auf Abutments, ohne Schrauben oder Zement. Ein kleines konisches Käppchen aus Titan wird im Labor in die Krone eingebracht, extraoral zementiert und durch den Zahnarzt intraoral auf das Abutment gesetzt. Durch Friktion ist die Lösung für den Patienten festsitzend, für den Zahnarzt herausnehmbar. Das Einbringen der finalen Krone wird erheblich vereinfacht und dauert nur Sekunden. Azento ist das Rundum-sorglos-Paket für den Einzelzahnersatz. Der Zahnarzt erhält eine Box mit allen Komponenten und Instrumenten, die für eine Behandlung erforderlich sind. Außerdem erhält der Anwender einen maßgeschneiderten Plan, der auf dreidimensionalen Röntgenbildern sowie einem Intraoralscan der Patientensituation beruht. So erfährt der Implantologe umfassende Unterstützung in der Behandlungsplanung und -umsetzung. ◀◀

■ Dentsply Sirona has developed two new solutions for its well-documented and clinically proven implant systems that will make the workflow



of dental professionals easier and enable the best clinical results. Azento is an innovative solution that offers tangible financial and time-saving benefits while enabling practices to achieve consistently excellent results. The clinician receives a precise, customised digital treatment plan based on the respective patient's digital scans, and all components and instruments necessary to complete an implant treatment are included. The implant planning, purchasing and delivery are streamlined, and the benefits for patients in-

clude a reduced number of visits and chair time. Acuris is based on a conometric concept that uses friction instead of a screw or cement to secure the final crown to the abutment in the final prosthetic part of the implant treatment. A small titanium conical cap is cemented on to the crown extraorally in the laboratory and then clicked on to the abutment by the dentist intraorally. The solution is fixed for the patient, but removable for the dentist. This new solution saves time, improves predictability and ensures high-quality end

results in the clinic, while improving the workflow in the laboratory. With Acuris, placing the final crown takes seconds rather than minutes—you only need to click once to place the crown with the unique fixation tool. ◀◀

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INTERDENTALRAUMREINIGUNG MIT WATERPIK MUNDUSCHEN **INTERDENTAL CLEANING WITH WATERPIK WATER FLOSSERS**

■ Zweimaliges Zähneputzen mindestens drei Minuten pro Tag gilt als obligat. Die Zahnzwischenräume sind mit herkömmlichen Zahnbürsten jedoch schwer zu säubern. Aber gerade hier sammelt sich pathogener oraler Biofilm an - Interdentalraumreinigung sollte deshalb essenzieller Bestandteil der häuslichen Mundpflege sein.

Mundduschen sind bestens dazu geeignet, Bakterien vom Zahn-

fleischrand, aus Zahnzwischenräumen und schwer erreichbaren Stellen, wie Zahnfleischtaschen, Brücken, Kronen oder kieferorthopädischen Vorrichtungen, zu entfernen. Die Interdentalreinigung erfolgt bei Waterpik Mundduschen durch eine Kombination aus Wasserdruck und Pulsieren des Wasserstrahls. In puncto Biofilmmangement wurde die Effektivität von Waterpik Mundduschen wissenschaftlich nachge-

wiesen. Zu ihrer Effektivität liegen inzwischen über 70 Studien vor - mehr als zum Nutzen von Zahnseide oder Interdentalbürsten zusammen. ◀◀

■ We're all agreed: cleaning your teeth for at least 2 minutes twice daily is a must. Reaching the spaces between the teeth, however, is no easy feat using conventional toothbrushes. But it is in these very spaces where pathogenic oral biofilm builds up, which is why interdental cleaning should form an integral part of everyday oral hygiene.

Water flossers are ideal for removing bacteria from below the gingival line, interdental spaces and difficult-to-reach places such as periodontal pockets and under and around bridges, crowns and orthodontic appliances. Waterpik water flossers rely on a combination of water pressure and a pulsating water jet to clean between the teeth. They are clinically proven to effectively manage biofilm. More than 70 studies attest to the effectiveness of these water flossers, which is more than on the use of dental floss and interdental brushes combined. ◀◀

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ESSENSEAL IMPROVES ON ZINC OXIDE EUGENOL CLASSICS

■ EssenSeal is one of a number of products that Swiss company PD (Produits Dentaires) has launched at IDS 2019. Dental Tribune Interna-



tional spoke with Marketing and Communication Director Alexandre Vieira about the new root canal sealer the company has developed to offer new features while retaining the fundamental benefits of eugenol-based sealers.

Mr Vieira, can you tell us about EssenSeal's formula?

We believe that outstanding sealing is a fundamental step of root canal therapy. EssenSeal is a new-generation zinc oxide eugenol sealer featuring tea tree essential oil (melaleuca), and is composed of a powder base and a liquid catalyst. EssenSeal and

Has EssenSeal also been designed to simplify obturation procedures?

An additional advantage of EssenSeal is its ease of use. Engineered to simplify obturation procedures, the ratio for mixing EssenSeal is as simple as one drop of liquid to one spoon of powder. The simple mixing procedure ensures optimum consistency in every application. Its vial format, with a capacity of 15g of powder and 10ml of liquid, offers a perfect cost-efficient solution for dental professionals.

How and when will EssenSeal be rolled out to the markets PD serves, and how does it complement other products of the company's portfolio?

Right after IDS, we will make EssenSeal available through our distribution network in Europe and, shortly after that, throughout the rest of the world. EssenSeal perfectly complements our endodontic portfolio with a formula that improves root canal obturation procedures. It is easy to manipulate and mix to the perfect consistency and can be applied easily with PD gutta-percha points. Our new PD gutta-percha point assortment is uniformly rolled from the finest gutta-percha to extremely close tolerance. The points are available in the conventional and ISO sizes of two per cent (0.02), four per cent (0.04) and six per cent (0.06) taper and 28 mm



its unique formula enable more effective root canal sealing to limit the growth of residual bacteria and prevent any resumption of infection. On top of that, EssenSeal diffuses an amazing scent, making it one of the most pleasant sealers available.

What else can you tell us about EssenSeal?

EssenSeal is easy to manipulate and highly flowable to deliver perfect 3-D sealing, and has excellent physico-chemical properties and an extremely pleasant tea tree scent. Just like the other zinc oxide eugenol products in the PD range, EssenSeal has a very small volumetric change on setting, is thixotropic and, owing to a very small particle size, easily penetrates the root canal anatomy and provides remarkable covering of the entire root canal wall. Also, its exceptional chemical properties guarantee a working time above 60 minutes and a setting time of less than three hours. We have designed EssenSeal to improve on zinc oxide eugenol classics: to offer a few of the features of bioceramics, while retaining the fundamental benefits of eugenol-based sealers, such as simplicity of access in retreatment procedures.

PD has launched a number of other products at IDS 2019. What responses have you had?

Visitors have loved the new products. They have appreciated the significant improvements they offer to root canal therapy, but also the fact that they do not require the revolutionising of proven and established treatment protocols. IrriFlex, our new root canal irrigation needle, has probably generated the most enthusiasm. Many have said that they have been converted!

Thank you very much for the interview. ◀◀

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