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UAE INTERNATIONAL DENTAL CONFERENCE & ARAB DENTAL EXHIBITION

Education & Innovation Transfer

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The first European Perio-Diabetes Workshop was held on 19 and 20 February. Fourteen specialists attended, 7 in periodontics and 7 in diabetes. They are members of two of the most important international organisations in each of these areas, the European Federation of Periodontology (EFP) and the International Diabetes Federation (IDF). With the collaboration of Sunstar, the meeting explored a research and dissemination project which the company has been working on for many years, the bidirectional relationship between periodontitis and diabetes.

The themes from this year’s workshop were the conclusions drawn in the previous EFP’s 9th European Workshop in Periodontology, held in 2012 under the imputs of the EFP. Throughout the 2017 Perio-Diabetes Workshop, perspectives were explored and shared regarding the relationship between periodontal diseases and systemic diseases. Professionals from the different specialties discussed three key thematic axes: the biological tendency of patients with periodontal diseases increased propensity to develop diabetes, epidemiological evidence of this and the effect of interventional tests on metabolic parameters. Some of the main conclusions emerging from the workshop included the need to inform diabetes patients about their increased risk of periodontal diseases. Participants agreed that educating this group is essential for raising awareness into how important oral health is for the proper control of diabetes and reducing the risk of cardiovascular and kidney diseases.

Although there are no studies that determine the cause-effect relationship between periodontitis and the onset of diabetes, there is scientific evidence showing the relationship between glucose metabolism in pre-diabetes and diabetes changes in the periodontal microbiome. The microorganisms responsible for the development of periodontitis.

Thus, experts concluded that patients with periodontitis are at increased risk of pre-diabetes and even developing type 2 diabetes, and that when diabetes is correctly controlled, there is a reported improvement in periodontal health. The conclusions drawn from the workshop, which will be published shortly, will serve to increase awareness of this bi-directional relationship in the scientific community, patients and the general population, and to generate new advances in research.

The Perio-Diabetes Workshop is a pioneering event because it brings together EFP and IDF specialists to work together in this area for the first time. This workshop is only a small part of the activities Sunstar has been carrying out and promoting for more than 20 years. It is yet more evidence of the company’s vocation to communicate and raise awareness of this issue to the public and patients, and to provide the best oral and periodontal health treatments. For more info, visit our booth SB27 or www.sunstar.com.

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French companies Borea and Innixim are some of the newest corporate faces here at the FDI trade exhibition. The collaboration between them arose from the long-standing friendship between Gilles Pierson (CEO of Borea) and Pierre Montillot (Vice President of Sales and Marketing at Innixim). World Dental Daily spoke with them about their main products and how they can benefit dental practices.

World Dental Daily: What is the main incentive for your joint participation at the FDI congress?

Gilles Pierson: As two young French companies having freshly entered the dental market, we decided to join forces in some areas, such as participation in trade fairs and communication, by shared advertisements and promotion of our innovative products.

Pierre Montillot: Both companies are now at the same stage in launching our flagship products to worldwide markets. It is also a perfect opportunity for both teams to exchange knowledge, experience and networks. The main objective is to have a greater impact on the market and boost visibility for these two state-of-the-art devices.

What advantages does Rayplicker offer?

Pierson: Rayplicker is a dental shade matching solution. We speak of it as a “solution” because it consists of a hand-piece (the Rayplicker device), which is a quick and user-friendly digital shade guide, and the associated software, a connected interface that facilitates communication between dentists and laboratories.

Rayplicker allows the dentist to easily capture a repeatable, accurate shade. At each acquisition, the device gives an analysis of the tooth according to five different mappings—overall shade, three and nine zones, detailed shade mapping and translucency—and this with the commonly used shade guides in the market. It is also an auto-calibrating device.

Regarding the software, all connected laboratories are visible on a map to all dentist users through geolocation. Integrating Rayplicker into daily practice will offer the dentist or laboratory the possibility of being part of a new community. With Rayplicker, the dentist can be sure to always send a complete order containing accurate tooth shade information for the perfect manufacture of the ordered crown. For the laboratory, the software allows easy management of conversion of shades, follow-up on current and pending orders, and validation of work. Borea expects to create a new standard in the dental prosthesis manufacturing process with its new connected software, allowing time-savings and facilitating the communication of objective information.

Innixim is showcasing a new imaging plate scanner here. What can clinicians expect from this device?

Montillot: We believe that there should not have to be compromises in terms of patient comfort or efficiency regarding intraoral imaging in the future. We therefore launched Spark, a unique personal intraoral scanner. Like a sensor, this device captures the image instantly, but by using different-sized flexible imaging plates, it offers the most comfortable solution for the patient. This means no more large, rigid or bulky devices inside the mouth and, of course, no more cables or wires.

We have combined the benefits of both intraoral technologies, but eliminated their weaknesses. To achieve this performance, Spark uses the patented Line Stream Scanning technology, which avoids all of the problems experienced with common scanners. With dimensions of only 12×18×6cm, it is very small, allowing the dentist to keep it at the workation and removing the need to share scanners. By far the fastest unit on the market, it scans an imaging plate in only 3 seconds. Furthermore, Spark requires dose exposures as
low as 80 ms when using our special high-definition imaging plates, but still achieves outstanding image quality, providing a 35 LP/mm resolution.

With Spark, dentists will receive the performance and effectiveness of a sensor and patients will appreciate the enhanced comfort of flexible imaging plates.

Las empresas francesas Borea e Innixim son nuevas en la exposición comercial de FDI. La colaboración entre ellas se originó a partir de la larga amistad entre Gilles Pierson (CEO de Borea) y Pierre Montillot (Vicepresidente de Ventas y Marketing de Innixim). World Dental Daily habló con ellos sobre sus principales productos.

World Dental Daily: ¿Cuál es el principal incentivo de su participación conjunta en el Congreso de FDI?

Gilles Pierson: Como dos jóvenes empresas francesas que han entrado recientemente en el mercado dental, decidimos unir fuerzas en algunas áreas, como la participación en ferias comerciales y la comunicación mediante compartiendo los anuncios y la promoción de nuestros innovadores productos.

Pierre Montillot: Ambas empresas están en la misma etapa para lanzar su producto insignia a los mercados mundiales. Es también una oportunidad perfecta para intercambiar los conocimientos, experiencias y redes de ambos equipos. El objetivo principal es crear mayor impacto en el mercado y ofrecer mayor visibilidad para estos dos nuevos dispositivos de última generación.

¿Qué beneficio ofrece Rayplicker?

Pierson: Rayplicker es una solución para la toma de color dental. La desmitificamos como una “solución” porque incluye una pieza de mano (el dispositivo Rayplicker) que es un guía digital rápido y fácil de usar de color y su software, una interfaz conectada que permite conexiones fáciles entre dentistas y laboratorios.

Rayplicker permite tomar fácilmente una sombra precisa. En cada adquisición, el dispositivo da un análisis del diente bajo cinco asignaciones diferentes (tono general, zonas 3 y 9, mapeado detallado de color y translucidez) y esto con las guías de sombra de uso común en el mercado. Y es un dispositivo que se autocalibra.

Con respecto al software, todos los laboratorios son visibles por todos los dentistas que lo usan ya que se localizan geográficamente en un mapa. La integración de Rayplicker en la clínica diaria ofrece al dentista o a los laboratorios la posibilidad de formar parte de una nueva comunidad. Como dentista, ahora puedes estar seguro de enviar siempre una orden completamente que contiene información precisa del color del diente para la fabricación perfecta de la corona. Como laboratorio, el software permite administrar fácilmente la convención de tonos, para hacer un seguimiento de los pedidos actuales y pendientes, así como para validar su trabajo. Borea espera crear un nuevo estándar en el proceso de fabricación de prótesis dentales con su nuevo software conectado que permite ahorrar tiempo y facilitar la comunicación de información objetiva.

¿Qué pueden esperar los clínicos del escáner de placas de Innixim?

Montillot: Creemos que el futuro de la imagen intraoral no tendrá que hacer concesiones en términos de comodidad del paciente ni de eficiencia. Por lo tanto, lanzamos Spark, un escáner intraoral personal único. Este dispositivo está listo para usar en un momento como los sensores, pero mediante el uso de diferentes tamaños de placas flexibles de imagen que ofrecen la solución más cómoda para el paciente. Esto significa que ya no hay que usar dispositivos grandes, rígidos o voluminosos en boca, y por supuesto, no más cables.

Hemos combinado los beneficios de ambas tecnologías intraorales y eliminado sus debilidades. Para lograr este rendimiento, Spark utiliza la tecnología patentada Line Stream Scanning, que evita todos los problemas de los escáneres comunes. Con dimensiones de sólo 12 x 18 x 6 cm, es muy pequeño, lo que permite al dentista mantenerlo en la estación de trabajo y eliminar la necesidad de comprar escáneres. Es de hecho la unidad más ligera del mercado: escanea una placa de imagen en sólo 3 segundos. Además, Spark requiere exposiciones de dosis tan bajas como 80 ms usando nuestras placas de imagen especial de alta definición, y aún así obtienen una calidad de imagen excepcional con una resolución de 35 LP/mm.

Con Spark, los dentistas recibirán el rendimiento y la efectividad de un sensor y los pacientes apreciarán la comodidad mejorada de las placas flexibles de imagen.
The 21st
China Int’l Exhibition & Symposium
on Dental Equipment, Technology & Products

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Shanghai World Expo Exhibition and Convention Center, Shanghai, China
October 25~28, 2017
GC Initial LiSi Press for appealing aesthetics and processing ease

For family-owned Japanese dental specialist GC, it is essential that its product portfolio is always up to date and that it continues to innovate in order to meet customer demands. In this regard, the company has introduced the GC Ini-

itial LiSi Press pressable ceramic system and the matching phosphate-bonded speed investment GC LiSi PressVest for pressable ceramics.

Both are products of the Initial family, a range of advanced materials for the dental laboratory that have made the dental technician’s work easier for al-

most 15 years. GC built on Initial’s success at the 2015 International Dental Show with GC Initial LiSi, a special ce-

ramic veneering material for lithium disilicate frameworks.

Continuing on from there, GC developed GC Initial LiSi Press. This pressable lithium disilicate ceramic combines the advantages of modern ceramics with excep-
tional ease of handling. Achieved through its unique HDM (High Density Micronization) technology, uniformly

dispersed lithium disilicate microcrysts fill the entire glass matrix.

The material remains stable even after several firings and has a high

fl uoride strength of 100 MPa. The physical properties of Initial LiSi Press make the restoration very resistant to abra-
sion and gentle on antagonists. Further-

more, its high colour stability and fluo-

rescence ensure the natural aesthetics of the pressable ceramic material.

Quality is of great impor-
tance in daily laboratory pro-
cedures, as it is quick and easy to process. To make this task even easier, GC is offering LiSi PressVest, a car-

bon-free phosphate-bonded speed investment for pressable ceramics. With its high fl uoidity and ex-
tended processing time, this investment permits more processing flexibil-

ity before fusing. It has been optimised for speed heating and is suitable for a variety of pressing techniques. In addition, this investment, in combination with Initial LiSi Press, makes the result-
ing reaction layer very easy to remove by sandblasting with glass beads, sav-
ing valuable time compared with the usual method.

With LiSi Press and LiSi PressVest, GC has added two new compelling pro-

ducts to its Initial LiSi line that make the dental technician’s work much easier and speed it up considerably.

The company Japanese GC consider-

a a highly significant range of products that are always at the leading edge of technology. GC Initial LiSi Press comes in two conical sizes, XS/S and M/L, for narrow and very narrow interdental spaces and M/L for medium and larger gaps. It is designed with a stable, non-slip handle and an advanced silicone cleaning part for effective removal of plaque and food debris.

For a closer look, visitors to the congress are in-

vited to the TePe booth.

TePe EasyPick is available in two conical sizes, XS/S for narrow and very narrow interdental spaces and M/L for medium and larger gaps. It is designed with a stable, non-slip handle and an advanced silicone cleaning part for effective removal of plaque and food debris.

For a closer look, visitors to the congress are in-

vited to the TePe booth.

TePe presents at the World Dental Congress in Buenos Aires as a major exhibitor. The EasyPick is a unique innovation for the dental technician. It is a convenient, effective tool for cleaning periodontal pockets and interdental spaces. The interdental cleaning device is made of high-quality materials and is easy to use.

TePe EasyPick is available in two conical sizes, XS/S for narrow and very narrow interdental spaces and M/L for medium and larger gaps. It is designed with a stable, non-slip handle and an advanced silicone cleaning part for effective removal of plaque and food debris.

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TePe, Sweden

www.tepe.com

Pavilion 5, Booth 510–11

Buenos Aires

Argentina

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www.world-dental-congress.org