By DTI

BIRMINGHAM, UK: In partnership with clear aligner provider Align Technology, MiSmile has helped dentists in the UK to successfully integrate Invisalign tooth straightening in their practices for the last two years. At the Dentistry Show in Birmingham last month, it was announced that the network is expanding this growing business model to tooth whitening through a new partnership with oral health care specialist Philips.

By joining the new initiative, member practices will be able to double their treatment case load within a year, both companies said. Founded by Birmingham dentist Dr Sandeep Kumar, MiSmile currently consists of more than 50 practices across the UK that, combined, have finished over 10,000 Invisalign cases. The new whitening network will make use of Philips’s approved Zoom Whitening solution and offer a proven bespoke lead generation programme that directs qualified leads to the practice in an exclusive, ring-fenced geographical area.

Other benefits include practice-wide access to a dentistry-specific lead nurturing platform called DenGo, which, according to both companies, helps to nurture and convert these enquiries into cases and turn them into long-term patients. It will further provide on- and offline marketing tools to help a member practice promote Zoom Whitening to new and existing patients and consequently generate new revenue streams.

Network meetings, support, training and mentoring programmes help the practice principal and team on an ongoing basis, they added.

“I would like to help other practice principals apply the knowledge I have gained both with Invisalign and with Zoom to double their tooth whitening case volume,” said Kumar. “I am putting out a personal invitation to become one of the first to join the Zoom Whitening Network and benefit from the opportunities for future practice growth in an enticingly new way that is entirely proven.”

Philips further announced that it has started a new campaign exclusively aimed at dental hygienists, including Anna Middleton, Mel Prebble. Juliette Reeves, Christina Chatfield and Sara Murray, who discussed shining examples of good dental hygiene practice during a joint panel on Friday afternoon.

Today also saw the official launch of Philips’s latest version of its flagship product in oral health care. Labelled the most intelligent toothbrush in the world, the new Sonicare DiamondClean Smart features smart sensor technology in both the toothbrush and the brush head with the purpose of helping patients to improve their brushing technique. The sensors track the brushing and communicate with a smart device app that provides real-time feedback and guidance to the user. Furthermore, the company’s interproximal cleaning device Sonicare AirFloss has received an upgrade and now features a new charge and fill docking station.

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Technar loupes
Dentists receive new tool to combat enamel erosion
Unilever introduces REGENERATE serum in the UK

By DTI

LONDON, UK: Teeth in this day and age are constantly under attack. While sugar has been considered to do the most harm to our pearly whites, a new concern has recently emerged with the increasing consumption of soft drinks and acidic foods that are sold to millions in supermarkets and corner shops throughout the country every day.

Around 34 per cent of young adults in the UK are estimated to have significant tooth wear, according to a recent study conducted at King’s College London, for this and other reasons. If left untreated, erosion can lead not only to weakened enamel but also to other negative symptoms, like yellowing, higher transparency and sensitivity.

After three years of development, Unilever launched a new premium oral health line in May exclusively designed for dental professionals that is claimed not only to halt ongoing enamel loss but also to reverse it. According to the company, the REGENERATE serum complements the toothpaste with the same name that is already available in high-street shops in the UK and other markets in Europe, the Middle East and South America. Used in combination, they form an effective clinical solution in the practice and at home to reverse the consequences of erosion, Unilever said.

The NR-5 technology in the serum and toothpaste is based on calcium silicate, which occurs naturally in limestone, and sodium phosphate, which combine to form hydroxyapatite. Lasting only 3 minutes, the treatment starts in the practice with an initial applica- tion, buccal and distal scanning by the dentist and is followed by two applications over the next two days at home. Studies have confirmed that, through this three-day regimen once a month, the system was able to help recover 82 per cent of surface microhard- ness compared with stand- ard fluoride toothpaste.

Brushing twice with the REGENERATE toothpaste add- tionally supports the re- hardening of acid-affected enamel, the company said.

In addition to patients with highly acidic diets, the system is recommended for patients who have lost enamel through erosion while undergoing specific clinical procedures such as tooth whitening or who have medical conditions that cause reduced salivary flow, for example. Since ero- sion is difficult to detect, Unilever said it provides aids for users to diagnose enamel loss in the early stages. This in- cludes the Basic Erosive Wear Ex- amination Assist Guide in order to determine a patient’s risk score for erosive wear, along with a number of patient education materials.

The REGENERATE Professional Advanced Enamel Serum for the three-day application comes as a complete kit containing the serum, an activator gel and two soft mouth trays. Monthly refill packages with- out the trays are also available from the company. In the UK, the system is exclusively available through CTS Dental Supplies in Redhill.

The new REGENERATE serum complements the toothpaste with the same name. (© DTI)

Carestream software available with full DEPPA integration

By DTI

BIRMINGHAM, UK: Dentists in the UK now have the option to start using the Denplan PreViser Patient Assessment (DEPPA) examinations right from the clinical screen in Carestream’s CS R4+ management soft- ware without logging in separately, the company told reporters at the Dentistry Show in Birmingham.

The new functionality is aimed at saving dentists time and making the management of patients easier and faster.

Introduced in 2013, DEPPA is an innovative patient assessment tool that, according to Denplan, provides an instantaneous online re- port of a patient’s oral health score, with a detailed assessment of his or her future risk of developing several dental diseases. It is currently available free to all Denplan Ex- cel-certified dentists or for a £600 per month subscription fee to Denplan members. With the inte- gration, the full DEPPA patient assessment form can now be launched in R4+’s clinical patient record and completed there in any order.

In addition to its software up- grade, Carestream presented new devices for dental imaging in Bir- mingham, including the multi- functional four-in-one imaging solution CS RootsIC 3D and the intra-oral scanner CS 3600. First launched in March at the Interna- tional Dental Show in Cologne in Germany, the new scanner allows easier and faster capturing of digi- tal impressions than ever before, the company said. Featuring an in- telligent matching system and no fixed distance, it was designed to deliver accurate images in full high-definition 3-D. A side-or- iented tip is intended to make lin- gual, buccal and distal scanning easier. Designed with an open ar- chitecture, files obtained with the device can be shared easily with the referral or dental laboratories.

The first public showing was this weekend at the Dental Technology Showcase in Birmingham, where visitors were able to experience Structo’s OrthoForm 3-D printer for orthodontics.

Structo offers control systems and software, in addition to its 3-D printing technology, for which it has formulated its own photopol- ymer materials. According to founder Huub van Esbroek, the partnership with Techceram is the first step to further expanding the company’s reach in the European market. Structo has already launched its latest MSLA-equipped Dentalforming printer, which can print at up to 50 µm accuracy at record speeds, he said and he is confi- dent that the company’s applica- tion-based approach to product development will significantly benefit the adoption of digital dentistry in the region. According to Structo, its proprietary MSLA (mask stereolithography) technol- ogy allows faster printing than with conventional SLA printers.

“The world is evolving and the market is looking forward to seeing how this partnership can improve on- ground support for our custom- ers,” he said.

Techceram 3-D Director Rich- ard Buckle added that, in addition to increasing its product offering, the new partnership will extend the company’s commitment to product development and complete solutions to its large cus- tomer base.

“Structo’s products provide a powerful combination of mar- ket-leading speed and accuracy, and we believe that our estab- lished presence in the UK will be a good platform for their further growth here,” he said.

Based in Shipley, near Leeds, Techceram currently supplies cer- amic substrates and equip- ment to a wide range of customers including medical imaging manufacturers, scanners and furnaces, to over 200 dental laboratories in the UK.