ORTHODONTIC OFFERING EXTENDED

At IDEM 2012, Otto Leibinger is presenting a number of new products that were developed to complement its range of orthodontic pliers and accessories. According to the company, there are three new patterns of the Universal Weingart pliers including one with ultra-slim jaws, one with short jaws for better transmission of force, as well as one with delicate jaws and tungsten carbide inserts.

All pliers are being preferable used in the permanent technique, the manufacturer said.

The product offering is complemented by special combination instruments since there are two different types of ligature instruments, a band pusher and scaler, as well as a combined explorer and ligature instrument.

OTTO LEIBINGER, GERMANY
www.otto-leibinger.de
Booth J26

BRAZED DENTAL BURS

Two Striper dental instruments from US manufacturer Abrasive Technology have a uniform distribution and high concentration of diamond crystals owing to an process called brazed bonding system (P.B.S.).

According to the company, this proprietary process uses a nickel chrome alloy to chemically bond each individual crystal to the substrate and then melts it to permanently brating the diamond layer to the substrate. As a result, more of the diamond is freely exposed at every point, resulting in faster and smoother reduction of tooth structure with less traumatic erosion and chatter.

Abrasive Technology says that its dental products epitomize the high quality, attention to detail and superior craftsmanship that makes the company one of the first in orthodontic and restorative surgery. Its products for dentistry include diamond burrs designed specifically for use with friction grip high-speed handpieces in virtually all industry shapes and configurations. While T2S Tech provides cooler zirconia material removal and helps dental professionals to minimize clogging, FlexiBuster composite burs were designed to painlessly remove cement, stains, and coloured coatings from the surface of the enamel without damaging both dental tissue and material.

The company’s Snowpost and Snowlight posts are supposed to allow maximum tooth preservation and minimum canal diameter, resulting in gentler, non-invasive dentistry. Usable for all composite restorative systems, Carbopost posts are made of 7700 carbon fibers embedded in an epoxy resin matrix that has shock absorbing ability similar to natural teeth, the company said.

Compo Disc finishing discs open proximal contacts and smooth and finish proximal restorations, while Compo Strip finishing strips are ideal for interproximal trimming.

Moreover, the company’s Luminescence polishing kit is a revolutionary single-step product that is supposed to generate superior polished surfaces on microfill and hybrid composites, as well as amalgams, precious metals, porcelain and tooth enamel.

ABRASIVE TECHNOLOGY, USA
www.abrasive-tech.com
Booth E29

ONE FILE ENDS WITH RECIPROC

RECIPROC is said to be the most significant development in endodontics since nickel titanium instruments were first introduced to rotary preparation of root canals. The main difference to commonly used rotary NiTi systems with their elaborate instrument sequences is that RECIPROC completely prepares and shapes the root canal with only one single instrument.

Developed by VDW from Munich in Germany, the RECIPROC system is supposed to simplify the procedure of preparing root canals while ensuring maximum security during the process.

INTRAORAL IMPRESSIONS WITH TRIOS

With TRIOS, 3Shape is presenting the complete intraoral impression solution to dental professionals in Asia. According to the Danish company, TRIOS allows spray-free scanning and then melts it to a complete freedom of motion and positioning. In addition, it offers an intuitive Smart Touch user interface as well as other features such as instant validation of the impression for assessing the quality of the scan before it gets sent to the lab.

3SHAPE, DENMARK
www.3shape.com
Booth 529

POSTICAINA

With Postican, the Canadian company Novocol presents a local dental anaesthesia that can be used in both routine (Postican with epinephrine 1:200,000) and complex dental procedures (Postican with epinephrine 1:100,000) when improved visualization of the surgical field is needed. According to Novocol, its formula offers predictable anaesthesia of 60 minutes for infiltration injections and 120 min for nerve blocks. Novocol does not contain monobenzone or metoclopramide and is insensitive to smooth muscle responses from the different compounds, the company said. Dental clinicians benefit from the neutral mylar label covered glass cartridge that can coloured and easily identified to allow smooth injections and minimize the risks of wound in case of a cartridge break during use.

NOVOCOL, CANADA
www.novocol.com
Booth C15

According to the company, root canal preparation results conform to the highest quality demands in this area and are made possible through the use of the new reciprocating movement coupled with the special design of the RECIPROC instrument itself.

In its back and forth movement with varying angles of rotation, the instrument cuts during the longer forwards movement and discharges during the shorter backwards movement. These rotational angles have been programmed into the VDW.SILVER RECIPROC motor and prevent RECIPROC instruments from being used beyond their specific elastic limit thus minimizing the risks of fracturing an instrument.

VDW says that even extremely curved or narrow canals can be easily prepared thanks to the instrument’s specific design and recirculation system. RECIPROC instruments are made of an M Wire nickel-titanium alloy that was developed to offer higher resistance against cyclic fatigue while being much more flexible than conventional nickel-titanium alloys. One RECIPROC instrument replaces a number of hand- and rotary instruments and is therefore defined for use in one molar maximum.

INSTRUMENTS ARE AVAILABLE READY TO USE IN STERILE BLISTER PACKAGING TO PREVENT THE RISK OF CROSS-CONTAMINATION. THE RECIPROC SYSTEM HAS ONLY THREE INSTRUMENT SIZES WHICH CAN BE SELECTED ACCORDING TO CLEARLY DEFINED CRITERIA. WITH EACH OF THE THREE SIZES OF INSTRUMENT, AN OPTIMAL CANAL FORM FOR ALL OBTURATION METHODS CAN BE ATTAINED, THE COMPANY SAID.

CUSTOMIZED PAPER POINTS AND GUTTA PERCHA POINTS ARE ALSO INCLUDED IN THE SYSTEM TO SIMPLIFY THE PROCEDURE OF DRYING AND FILLING.

VDW, GERMANY
Booth G08

The company said that its product is manufactured in Canada and according to the highest quality and safety standards. Lot and expiration dates are imprinted on the case label, as well as the box and cartridge label. Both formulas are available in terminally sterilized boxes of 50 cartridges each.
Under the Patronage of
H. H. Sheikh Hamdan Bin Rashid Al Maktoum
Deputy Ruler of Dubai, Minister of Finance
President of the Dubai Health Authority

UAE INTERNATIONAL DENTAL CONFERENCE & ARAB DENTAL EXHIBITION

Delivering Science & Technology

5 - 7 February, 2013
Dubai International Convention & Exhibition Centre

www.aeecdc.com

INDEX® Conferences & Exhibitions Organisation Est.
Dubai Healthcare City, Ibn Sina Medical Complex #27, Block B, Office 203, P.O. Box: 13436, Dubai, United Arab Emirates
Tel: +971 4 3624717, Fax: +971 4 3624718, E-mail: info@aeeedc.com, Website: www.index.ae
STERILISATION ACCORDING TO KOHLER

Made of aluminum, sterilization containers from Kohler are supposed to provide a smooth and systematic workflow of transport, storage and sterilisation processes in dental clinics and practices. The sterilisation is conducted via the steam sterilisation method and in accordance with AAM/ISO 1134993 standards.

According to the German dental manufacturer, the containers are currently available in three versions (Small-Set, Dental-Set and Half-Size) and in several heights as well as in five colours. They can also be personalised with coloured aluminum signs, the company said.

KOHLER, GERMANY
www.kohler-medizintechnik.de
Booth F07

COMPOSAN BIO-ESTHETIC

Composan bio-esthetic from Promedica in Germany is an innovative composite material based on three-dimensionally linked inorganic glass-like components and organic co-polymers. Special nano- and ceramic filler particles are incorporated in this cross-linked network matrix. According to the company, the material’s chemical build-up ensures a extraordinarily high biocompatibility.

As Dimethacrylates of traditional composites only have two reactive connection points residual monomers are released due to incomplete polymerisation. These monomers bear the potential to trigger allergies. The molecules of Composan bio-esthetic have more than 100 connection points resulting in complete polymerisation and virtually no residual monomers, thus reducing potential for allergies considerably, the company said.

In addition, Composan bio-esthetic offers excellent physical properties such as extremely low polymerisation shrinkage, high resistance to chewing stress and a remarkably strong abrasion resistance. Owing to the material’s enamel like thermal expansion coefficient there are hardly any tensions between tooth substance and filling material. In combination with Promedica’s Compobond 1, the adhesion to the tooth substance is said to be extremely high and to assure a perfect and durable marginal seal.

In addition, the product has a tooth-like translucency, very high colour stability, perfect colour adaptation and excellent polishability thus allowing tooth restorations in natural beauty.

Composan bio-esthetic is suitable for all filling classes, repair of veneers, core build ups as well as composite inlays and is also available as a flowable in attractive and translucent shades which exactly match those of the packable version. Therefore, it is perfectly suited for combined fillings in lining or CBF-technique (Composite-bonded-to-Flow).

The specific product features and physical properties of Composan bio-esthetic flow equal those of the packable material thus providing extraordinarily strong, aesthetic fillings without marginal gaps. The company says that the material is even suitable for posterior regions exposed to masticatory loading.

PROMEDICA, GERMANY
www.promedica.de
Booth G15

Introducing
PreXion3D Elite
WITH CLEARimage™ SCANNING TECHNOLOGY

NEW Up to 53% Reduction in radiation
NEW Up to 50% Increase in scanning speed
NEW Four new scanning modes, all faster and with reduced radiation
NEW Advanced Software Features
• Implant Planning Functions
• Fusion/Stitching Mode
• Endodontic Tracing Tool that allows for identifying root structures

Smallest focal spot at 0.15mm
Industry Leading High Quality, High Definition, Highly Diagnostic Images
Compatible with ALL implant software planning systems