Respects your needs. Today and tomorrow.

NEW

Implantmed with W&H Osstell ISQ module for reliable treatment results.

Implant stability can be measured precisely with the W&H Osstell ISQ module, available as an accessory. In combination with the torque control it greatly increases the reliability of the treatment process. Upgrade at any time – for today and tomorrow!

Now available from your dental supplier or via wh.com
Fully crystalized glass-ceramic on display at Straumann

- Straumann has made significant contributions to the field of dental implants for over six decades. Through pioneering innovation, the company has redefined the boundaries of possibility for dental professionals and patients. Building on these years of experience, Straumann has developed a new glass-ceramic material. The n!ce range is a lithium alumino-silicate ceramic reinforced with lithium disilicate and is certified in accordance with ISO 6872:2015, type II, class 2. This high-tech, glass-ceramic solution from Straumann is designed to deliver fast, aesthetic restorations and meet the expectations of patients and dental professionals. As its name suggests, n!ce offers a pleasingly simple and very reliable system.

- The glass-ceramic blocks deliver benefits that will benefit from the Straumann quality assurance, faster turnaround time and increased efficiency, the company said. They are also going to benefit from greater patient satisfaction, as n!ce glass-ceramic is able to restore patients’ natural appearance.

- Dentists can count on the reliability of tooth restorations performed with a CAD/CAM material backed by the Straumann brand. Their high-quality, fully crystallized material guarantees a precise fit with very smooth margin lines, combined with strength and longevity that feels comfortable and natural. The n!ce glass-ceramic range requires no additional capital investment in hardware or software, as the material can easily be processed using standard milling equipment.

W&H introduces next Implantmed generation

- In addition to its tried-and-tested functions, the new generation of Implantmed offers its users a unique system for assessing the stability of an implant. Combining an advanced combination of motor and W&H contra-angle handpiece, the system allows the user to work for extended periods without fatigue affecting the hands.

- In addition, the five new straight and contra-angle surgical handpieces with LED+ fully illuminate the surgical site regardless of the motor speed. The high-quality stainless steel with its scratch-resistant coating mean that the surgical straight and contra-angle handpieces have a particularly long service life and are very sturdy.

- The optional W&H Osstell ISQ (Implant Stability Quotient) module for the new Implantmed makes assessing the success rate of the treatment safer and more reliable. The stability value measured by the device helps improve the success rate and is a form of quality assurance, according to W&H. The module is an optional extra and can also be easily retrofitted to the new Implantmed, the company said.

- When the documentation function is enabled, all implant insertion values, such as defined device parameters, the implant insertion curve, the Osstell ISQ measurement and basic data such as the documentation ID and tooth position, can be saved to a USB stick. Furthermore, the new Implantmed’s user interface helps the dental practice team to streamline the treatment steps as they are simpler, take less time and are more efficient. Important information for a particular step of the procedure is clearly visible on a large touch screen.

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Dental Tribune International
ESSENTIAL DENTAL MEDIA

www.dental-tribune.com
Operating in more than 100 countries worldwide, Produits Dentaires SA (PD) offers dentists a wide range of high-quality products for use in endodontics, restorative dentistry, prophylaxis, prosthetics, and periodontology. The MAP System (Micro Apical Placement) for example is a unique method for effectively placing root canal repair materials, either by orthograde obturation for the treatment of perforations, root end fillings, and pulp-capping using curved or NiTi memory shape needles, or by retrograde obturation after apical resection using specially designed, triple-angled needles (left and right-angled) and/or hooked needles.

The company’s easy-to-mix and fast setting PD MTA White, supplied in packets containing four sachets of 140 mg, is the most reliable repair solution for obturations with the MAP System. Owing to the perfect combination of the MAP System and PD MTA White, the placement of repair material has never been as easy and cost-efficient, the company said. Solutions for endodontists also include the Opacal calcium hydroxide paste, desobturator eugenol, resin removers and disposable plastic pipettes, among other products.

Produits Dentaires’ glass fibre posts with composite fibreport feature an improved composition (Epoxene Dimethacrylate based resin matrix, bio-Phenol A, free) with pre-silanisation, higher radiopacity, optimised adhesion to sealing composite and improved mechanical resistance and flexural strength. The Prophycups Snow & Fire, as well as their traditional Rubber cups offer both dental hygienists and dentists the best selection of polishing cups for both regular cleaning and heavy-duty stain removal. Together with the company’s refined dental sticks, floss and cotton pellets, professionals will find everything they need under one roof.

PD provides information and support worldwide through its worldwide network of distributors and speakers, with whom the company also regularly organises workshops and conferences. The company constantly invests in the development of new products which are based on the latest knowledge. As a Swiss manufacturer, they always strive to present innovations to dentists which meet their high quality standards and improve their daily work. In addition, existing products are continuously evaluated and improved further. The company works closely with a national and international expert team of dentists, dental hygienists and other specialists from the medical field. In addition, several research projects are running in close cooperation with universities and colleges in Switzerland and worldwide.
X-Mind Trium

A precise and detailed analysis of existing bone volume is highly recommended in order to reduce complications during implant placement. The 3-D technology of Acteon’s X-Mind Trium will help to facilitate osseointegration through instant volume measurement and bone density assessment, the French manufacturer has announced. Together with the ACTEON Imaging Suite software, the device allows clinicians to display the assessment of bone density all around the implant with just one click. The information is clearly represented by the ordinary red and green, but also through a 3-D mapping.

According to Acteon, X-Mind Trium is an essential tool for planning the treatment and post procedure follow-up. Its 3D imaging offers high precision of the anatomy from a single scan and provides a full understanding of the patient’s jaw. X-Mind Trium offers one of the best image qualities on the market, thanks to a full 360° rotation, a resolution at 75 µm, four fields of view and an artefact reduction filter.

Through its performance, X-Mind Trium also contributes significantly to the accuracy of endodontic analysis.

Acteon Group, France
www.acteongroup.com
Booth 09-10

GC Aadva IOS: Precision, cost-effectiveness and ergonomics

In the current digital day and age, everyday work in the dental office is supposed to run as smoothly as possible through highly efficient procedures and fast communication channels. Particularly in the field of laboratory made restorations, dentists as much as dental technicians and patients will benefit from technological progress. With the new Aadva IOS intraoral scanner, the Japanese company GC has developed a device that is said to make conventional impressions obsolete in a lot of cases. The associated material costs, often occurring errors and re-takes as well as the unannounced shipments will become expendable.

Despite the increasing use of digital dentistry, taking conventional impressions (e.g. with silicon) to get a dental cast is still common in many dental practices. However, many patients suffer from a gag reflex when the impression material is introduced into the oral cavity. The material itself costs a significant amount of money, and often the process has to be repeated as a result of errors during the impression-taking procedure or owing to changes in the finished impression. If an unclear margin line remains undiscovered after the impression has been poured, a new appointment must be made, which can delay the delivery of the needed restoration considerably. The necessary re-preparation and the unavoidable re-taking of the impression are very inconvenient for everyone involved.

According to GC, the Aadva IOS can create a digital impression in less than five minutes, which can be then forwarded directly to the laboratory via the cloud. The user can evaluate the occlusion and define the preparation margins directly on the screen, detect errors immediately and repeat the scan if necessary.

Aadva IOS was designed as an open system and comes with two USB ports. This allows dentists to save STL files from the unit to an external storage device and transmit them to the dental technician in their preferred way. Designed to bring the communication between the practice and the laboratory to a new level, the multi task digital platform GC Aadva Connect allows all files to be stored virtually and discusses the digital patient model and available prosthetic options online. GC Aadva Connect also offers training programmes and technical service online, so that the scanning process can be performed by other members of the dental team to further simplify the workflow.

The powder method in contrast sensitive. Powder clamps on contact with saliva or applying too little (or too much) powder can produce an inferior scanning result. Unlike other systems available on the market, Aadva IOS does not require any preparation with powder spray prior to scanning. This makes the entire scanning process much easier and faster.

GC’s Aadva IOS is an extremely cost-effective high-tech solution and an attractive solution for any dentist, not least because it is an open system. Scanner will play an increasingly important role as an interface in computer-assisted restorative dentistry. Aadva IOS also has one of the smallest and lightest hand pieces in its class, which GC said is highly ergonomic and increases patient comfort.

GC Europe, Belgium
digital.gceurope.com
Booth 14

Custom-made drills and endodontic instruments

FFDM-PNEUMAT manufactures dental implant drills according to the specifications of different implant manufacturers. According to the French company, its drills feature a high cutting power and offer an excellent resistance to the corrosion.

Following the demands precisely, technical drawings are being sent to each customer for acceptance before the manufacturing process commences. Once the drawings are validated, the drills are manufactured according to ISO 9001 and ISO 13485 standards.

Following a 20-year development process, the company is now able to manufacture drills with even the most complex shapes including conical, cylindrical or stepped.

Additional production technologies, such as coating, heat and surface treatment, laser markings and colour identification, can also be provided.

Endodontic instruments are used to clean, to decontaminate and to shape the root canals. They may be infected by microorganisms. THOMAS manufactures a complete range of root canal instruments like K-files, reamers, H-files, K-Flex files, nerve broaches, paste fillers, gears, pace and Niti files, among others. Manufactured according to the standard ISO 3630, the files are made from stainless steel or nickel titanium (shape memory alloy). They are available both as manual or contra-angle versions. The range was completed by NITShaper, a new rotary system developed by THOMAS in 2014.