NEW PANORAMIC IMAGING DEVICE INTRODUCED BY DÜRR

DÜRR DENTAL has developed a new panoramic imaging device that is on display for the first time in Asia at IDEM Singapore 2014. Compared to other panoramic devices in which the sharpest areas must be selected manually, the VistaPano features Dürr’s Pan technology for improved sharpness. It acquires multiple layers of images from a single exposure that are split into fragments.

From these fragments, the ones with the best focus are selected and recomposed in order to generate the panoramic image. With the help of this technology, all important diagnostic information, such as roots in the upper and lower jaw bones, are sharply displayed, according to the German manufacturer.

Complying with the ALARA (As Low As Reasonably Achievable) principle, the VistaPano features a quickscan mode that allows clinicians to produce a panoramic image in just seven seconds. Despite the lower radiation dose, Dürr claims that images produced with this mode are still of good quality thanks to the use of a build-in Cal sensor.

The exposed area and radiation dose can be further reduced by 56 per cent with imaging modes for children.

With four children imaging modes included, the VistaPano offers a total 17 imaging modes. There are options for taking half-side images (right and left) as well as front images. According to the company, the imaging of orthogonal bite-wings, temporomandibular (TMJ) joints for the purpose of functional diagnostics and sinuses is also possible with the device.

An intuitive 7 inch touch screen display is supposed to allow users quick access and a clear view of all the setting for a smooth and uninterrupted workflow. Owing to a high tolerance to positioning errors and three laser guide lines that mark the exact orientation of the Frankfurt horizontal plane, median sagittal plane and film plane, patients can be positioned faster and more accurately in the device, Dürr said. Moreover, face-to-face positioning without mirrors allows clinicians and patients to have direct eye contact.

In order to simplify the documentation process, the device comes with the imaging software ImageBridge, which allows to store images and access data from different workstation through its networking capabilities. In addition, it can be connected to third party software such as VistaEasy, ImageBridge or TWIN.

DÜRR DENTAL, GERMANY
www.duerr.de
Booth 4H-09

System Soft Blank is a nickel and beryllium free cobalt/chrome disc from the German manufacturer Adentatec, that is biocompatible and features high resistance to corrosion. It is also said to be extremely soft, tensile and homogeneous owing to special heat treatment.

According to the company, System Soft Blank is suitable for soldering and available in many diameters and measurements for almost every type of machines.

Adentatec has been offering a high-quality range of products for dental laboratories since 1997. Specialised in the production and distribution of non-precious dental alloys and CAD/CAM discs, it currently operates in many dental markets worldwide including South East Asia.

All its products are produced in Germany and comply with DIN EN ISO 13485 and DIN EN ISO 9001:2008 standards.

ADENTATEC, GERMANY
www.adentatec.com
Booth 4J-07

GI RESTORATIVE FROM SDI OFFERS STRENGTH, MIMICS DENTIN

With Riva Self Cure HV, the Australian company SDI is presenting a high viscosity, extremely strong self-curing glass ionomer restorative at IDEM, which is strong enough to resist surface indentation and to withstand substantial mechanical loads. Among other things, it can be bulk placed and does not adhere to your instruments. In addition, Riva Self Cure HV’s packability is supposed to make restorations easy to shape and contour.

Riva Self Cure HV can also be used to replace missing dentin. According to SDI, it is the best dental material currently available that virtually mimics dentin. Sensitivity is non-existent and no adhesive is required, the company added.

Riva Self Cure HV releases significant amount of fluoride resulting in increased anti-cariogenic properties for improved longevity of the restoration. It is currently available in shades A1, A2, A3 and A3.5.

SDI, AUSTRALIA
www.sdi.com.au
Booth 6P-16

Premier Dental Products has brought four new innovative implant scaler designs to IDEM this year. The styles 137 (Anterior), 204 (Posterior), Facial (Goldman Fox) and Universal (4L, 4R) are supposed to offer a full selection to dental professionals.

According to the company, its implant scalers are made from fiber reinforced graphite, a material that is strong yet slightly flexible. While these features allow the tips to access tight areas effectively and safely, damage to the surface of the implant can be avoided.

The tips are thin and sharp and have well-defined edges. A new redesigned handle has textured grips and a larger diameter for providing greater comfort and better control, the company said.

Premier Implant Scalers are available in two- and five-instrument packs and can be reused.

They are also autoclavable at 134°C (273°F). Premier offers an Ultimate Implant Care Kit that contains one scaler of each design and a PeriO Wise UNC12 probe which is safe for use on implants.

PREMIER DENTAL PRODUCTS, USA
www.premier.com
Booth 4D-17

NEW IMPLANT SCALER DESIGNS AVAILABLE FROM PREMIER
Assistina 3x3:
Clean inside, clean outside

The new Assistina 3x3 cleans and maintains up to three instruments automatically. Automatic internal and external cleaning, short cycle time, easy to use: perfect preparation of straight and contra-angle handpieces and turbines for sterilization.

wh.com
Dental products “Made in France” are on display at level 6, where FFDM-Thomas is currently presenting a variety of dental instruments like dental implant drills and endodontic files. Moreover, the manufacturer from Bourges in the heart of France is showcasing dental trophines of the Thomas brand which can be used to remove bone around dental implants safely.

The Universal Post Remover is a modification of FFDM’s GONON post remover. According to FFDM, the instruments have sharpened blades made of stainless steel that increase the cutting efficiency for a non-traumatic treatment. They also feature depth marks in order to allow clinicians to accurately control the drilling depth. The company recommends to use the trophines on a contra angle in order to reach the required rotational speed of 500 to 800 rpm.

FFDM-THOMAS, FRANCE
www.ffdm-pneumat.fr
Booth 6K-06

NOVELTIES FOR IMPLANT AND ENDODONTIC SURGERY

Dental trephines allow the removal of bone around dental implants. (DTI/Photo FFDM, France)

Dental trephines allow the removal of bone around dental implants. (DTI/Photo FFDM, France)

INTRAORAL IMAGING PLATE SYSTEM FROM SOREDEX TO ENHANCE DIAGNOSTICS

Image plates for DIGORA Optime are available in all intraoral sizes (0, 1, 2, 3 for periapical or bitewing and 4C for comfort-wise projection imaging). They have a 100 per cent active area and are comfortable for the patient, the company said. An optional imaging plate identification system (IDOT) adds to quality control.

The DIGORA Optime system also complies with latest hygiene standards through Opti cover protective covers that are supposed to prevent the cross-contamination of the plates. In addition, the avoid mechanical damage and information loss which is caused by ambient light. Biocompatible and 100 per cent waterproof, they are Latex and PVC-free.

Having premiered in 1994, Soredex said that every DIGORA Optime system is built on the experience and know-how from tens of thousands installations in dental practices around the world.

SOREDEx, FINLAND
www.soredex.com
Booth 6K-06

INIBSA DENTAL PRESENTS RANGE OF ANAESTHETICS

In daily practice, dental professionals have to face a wide range of patient types as well as pathologies. Therefore, it is important to choose the appropriate anaesthetic for each treatment and patient considering factors such as the need for postoperative pain control, the required hemostasis, the risk of postoperative self-inflicted injuries as well as any existing contraindications to the selected local anaesthetic.

INIBSA Dental says that it has the right anaesthetic to suit every patient. The Spanish company currently provides a complete range of drugs to deliver safe, convenient and effective anaesthesia for every type of dental procedure. Its local anaesthetics are aesthetically manufactured and they make use of silicone-coated, latex-free rubber components to allow a smooth and painless intervention, according to Inibsa.

INIBSA DENTAL, SPAIN
www.inibsa.com
Booths 4E-20 & 4H-31

INIBSA DENTAL PRESENTS RANGE OF ANAESTHETICS

INIBSA DENTAL PRESENTS RANGE OF ANAESTHETICS
Now, everyone in your dental team can Shoot!

Ultra-Light
SIMPLE
Compact
Accurate

SHOFU Smart Digital EyeSpecial C-II
- 8 Pre-set dental modes with the option of customized settings
- Intuitive one-touch operation and built-in anti-shake
- Large LCD touchscreen with dental cropping grid lines
- Fast auto-focusing capability and excellent depth of field
- Water and chemical resistant
- Uncomplicated photo management system

For more information, simply contact us or your nearest SHOFU dealer.

SHOFU DENTAL ASIA-PACIFIC PTE. LTD.
10 Science Park Road, #03-12 The Alpha Science Park II, Singapore 117684
Tel (65) 6377 2722  Fax (65) 6377 1121  eMail mailtv@shofu.com.sg  website www.shofu.com.sg
A smart digital camera designed exclusively for use in dentistry is the highlight of SHOFU's booth at IDEM this year. The water and chemical proof Eye Special CII has a resolution of 12 megapixels and comes with eight automated dental preset shooting modes, for applications ranging from routine intra-oral photography to orthodontic case presentations and use by dental technicians in the lab.

Auto focus, zoom and built in anti shake features are supposed to allow dental teams to constantly shoot precise clinical images. Unlike conventional digital dental cameras that require external lens or flash components, the Eye Special CII can be used while holding it in just one hand, the company said. A LCD touchscreen display and dental cropping gridlines add to the simple handling. Images taken with the camera can be transferred to a computer tablet or smartphone via a wireless SD card to be discussed with the patient or archived with the Surefile photo management software. According to SHOFU, special training in dental photography is not required.

In addition to the Eye Special CII, SHOFU also has a number of restorative products on display. The universal direct aesthetic restorative Beautifil Injectable, for example, was developed with a unique resin micro-structure that allows dental professionals to select the ideal shade of any tooth landmark without encountering the pitfalls of traditional shade guides. The material has been successfully used by clinicians worldwide during the last four years and, according to Straumann, the vast majority of them are fully convinced of the advantages of this innovation. Mechanical tests have demonstrated a significantly higher tensile strength of Roxolid compared to annealed or cold worked titanium. Furthermore, dynamic fatigue strength tests have demonstrated that 7 µm 3 mm TiUnite Level Roxolid implants are stronger than 0.4 mm TiUnite Level Titanium implants and that 0.4 mm Bone Level Roxolid implants are stronger than Ø 4.8 mm Bone Level Titanium implants.

The outstanding performance of SLActive was also demonstrated in various pre-clinical and clinical studies. Roxolid implants have not only shown superior capabilities for osseointegration compared to Titanium SLActive implants; these properties have also been demonstrated for the first time in a clinical setting.

According to Straumann, the combination of the high mechanical strength of Roxolid with the advanced osseointegration properties of the hydrophilic SLActive surface allows dental professionals to avoid GBR procedures by choosing smaller sized implants which can reduce the invasiveness of implant treatments and increase patient acceptance because invasive grafting procedures can be eliminated. This way, clinicians will be able to reduce treatment time, preserve vital peri-implant structures and decrease post-surgical complications. New implant patients can also be attracted to the practice by offering products that avoid the need for invasive and costly GBR procedures, the company added. All implants are covered by Straumann’s LifeLong implant warranty.

For the tenth consecutive year, A-dec received the Townie Choice awards in the categories Best Patient Chairs, Best Operatory Delivery Systems, Best Dental Cabinetry, Best Operatory Lights, Best Stools and Best Waterline Systems. Considered the dentist’s choice for dental products and services, the winners are voted for annually by dental professionals who subscribe to the Dentaltown magazine or are registered users of its website. Established by Dr Howard Farran and Farran Media as a resource to help dentists make informed purchasing decisions, the Townie seal is an indication of manufacturing innovation, leadership and product reliability.

Every year since Dentaltown’s first Townie Choice awards in 2003, doctors have voted A-dec best in class across multiple dental equipment categories. Of A-dec’s six category wins this year, all but Best Dental Cabinetry began in 2003.

For the A-dec LED dental light adds to the light’s growing list of accolades, which include THE DENTAL ADVISOR’s coveted Editors’ Choice award, an IDEA Silver from the Industrial Designers Society of America, the international Red Dot Design Award, and 2012 Best New Product for Women voted by the American Association of Women Dentists, the company said.

SHOFU ADDS DIGITAL DENTAL CAMERA TO ITS PRODUCT OFFERING

SHOFU DENTAL
www.shofu.com.sg
Booth 4A-10