**NEW IMAGE PLATE SCANNER WITH TOUCH DISPLAY AVAILABLE FROM DÜRR**

Dürr Dental is expanding its VistaScan series with a compact image plate scanner. According to the German company, the new device is supposed to make the transition from film to digital image processing considerably easier for dentists and orthodontists. In addition to a high resolution touch display, which can be used to operate the ScanManager, the VistaScan Mini offers wireless networking capabilities for greater flexibility in the dental practice.

“The VistaScan Mini View was developed as an efficient network solution for surgeries with several treatment rooms. You can even use the scanner without a PC or network, which makes it particularly suitable for mobile use by aid organisations or in residential care institutions,” explained Frank Kiesele, Head of Dürr’s Imaging Systems Product Development.

Clinicians can choose whether they want to operate the touch display by hand or with a stylus pen. Image processing functions, such as magnification, contrast and brightness level, have been directly implemented into the device. According to Kiesele, VistaScan Mini View is able to process all intraoral sizes from 50 to 94. The handling and variety of formats is similar to film with the advantage that it can be easily positioned in the oral cavity of the patient and digitised quickly, he said.

With the new VistaScan Combi, Dürr also offers a larger version of its image plate scanner View that can process intraoral images as well as extraoral images such as large panoramic and Ceph images.

**DÜRR DENTAL, GERMANY**

www.duerr.de

Booth 4H-09

**STRAUMANN AIMS TO SET NEW STANDARDS WITH ROXOLID SLACTIVE IN SOUTH-EAST ASIA**

The global provider of implant dentistry solutions Straumann has announced that its innovative implant material Roxolid will soon be available in all South East Asian markets. The new broadened Roxolid SLActive implant portfolio will be rolled out across the region by the end of 2014, the company said.

At IDEM, Roxolid will be presented for the first time on all diameters and all implant lines in Asia. Furthermore, Straumann will showcase a new 4 mm short line to overcome clinical cases with limited vertical space, as for severely atrophic jaw bone.

All Roxolid SLActive implants feature the new Loxim transfer piece to simplify the handling.

According to Straumann, the combination of the high mechanical strength of Roxolid with the advanced bone integration properties of the hydrophilic SLActive surface allows dental professionals to avoid GBR procedures by choosing smaller sized implants which can reduce the invasive- ness 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.

Composed of titanium and zirconium, Roxolid was specifically designed for use in dental implantology. 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 Ø 3.3 mm Tissue Level Roxolid implants are stronger than Ø 4.1 mm Tissue Level Titanium implants and that Ø 4.1 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 been also demonstrated for the first time in a commissioned model.

**STRAUMANN, SWITZERLAND**

www.straumann.com

Booth 4D-01

**NOVELTIES FOR IMPLANT AND ENDODONTIC SURGERY**

Dental products “Made in France” are on display at level 6, where FTDM 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 trephines of the Thomas brand which can be used to remove bone around dental implants safely.

According to FTDM, 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 trephines on a contra angle in order to reach the required rotational speed of 500 to 800 rpm.

Dental products “Made in France” are on display at level 6, where FTDM 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 trephines of the Thomas brand which can be used to remove bone around dental implants safely.

According to FTDM, 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 trephines on a contra angle in order to reach the required rotational speed of 500 to 800 rpm.

Another specialty of FTDM is the production of dental implant drills that the company designs according to the specifications and needs of implant companies. According to the company, they offer an excellent resistance to the corrosion owing to the machining of many stainless steel grades as well as high cutting power.

Owing to the expertise of over 10 years of development, FTDM is now able to manufacture implant drills with complex shapes, including conical, cylindrical and shaped.

Coatings, heat and surface treatments, laser marking, colour identification are other fields the company says to have mastered. Besides its comprehensive range of products for dental implantology, the company also offers a number of endodontic products including files that are sold under the Thomas brand. Available in manual or in contra-angle versions, they can be used to clean, disinfect and to shape the root canals when they are infected by bacterium, the company said. They come either in stainless steel or nickel titanium, a shape memory alloy.

For the clinical challenge of removing posts from root canals prior to endodontic retreatment, the company now offers the Universal Post Remover, a modified version of its proven GONON post remover. With this new version, the company said clinicians will be able to easily remove the majority of posts (posts, screw posts, fiber posts) that are currently available in the market without risking the integrity of the remaining tooth structure.

**FTDM-FRANCE**

www.ftdm.fr

Booth 6E-14

* Images: DÜRR Dental, Straumann, FTDM-Thomas