In daily practice, dental professionals have to face a wide range of patient types as well as pathogens. 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 injection, according to Inibsa.

A manufacturer of pharmaceutical products with over 65 years’ experience in the research, development and production of dental anaesthetics, the Barcelona company has an annual production capacity of over 150 million cartridges, positioning it amongst the world’s leading manufacturers in this field.

CBCT imaging in CRANEX 3D works smooth and fast.

Designed for the needs of general practice, as well as in implantology, orthodontics, endodontics, oral surgery, the CRANEX 3D from SOREDEX offers dental practices and clinicians one of the most dynamic dental imaging systems. With panoramic, optional cephalometric and Cone Beam 3D imaging modes, it has excellent capabilities for accurate diagnostics, treatment planning and preparation of small surgeries, according to the company. With two selectable fields of view and four resolution selections, CRANEX 3D combines diagnostic accuracy, fast imaging and low dose.

SOREDEX, FINLAND
www.soreDEX.com
Booth 6K-06

SOREDEX Advanced Reconstruction Algorithm (SARA) and SOREDEX Metal Artefact Reduction (SMART).

The new technologies allow clinicians to detect clearly small anatomical details like small fractures or endodontic root fillings and reduce the effect of metals and other dense radiopaque objects on the 3D image which usually create artefacts that are typically displayed as stripes and shadows.

The CRANEX 3D with the new ENDO 3D mode aims at endodontists who require very high image resolution. Its Endo imaging modes provide accuracy required for endodontic imaging with 85 µm voxel size and SMART (90 kV, 10 mA), the manufacturer said.

According to SoreDEX, Easy Scout and PickPoint enable accurate FOV positioning in all dental and facial areas. Adjustable rigid template support and motorized chin rest ensure high stability with all facial FOV positions during 3D imaging minimizing movement artefacts. With the novel patient positioning, the
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STRAUumann 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 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.

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 i.e. 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 measurements for almost every type of implant. 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 confirmed model.

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-caries properties for improved longevity of the restoration. It is currently available in shades A1, A2, A3 and A3.5.

Dental manufacturer A-dec is celebrating its 50th anniversary this year. Founded in 1964 by Ken Austin and the late Joan Austin in Newberg, Ore., in the USA, the company is one of the best-known manufacturers of dental chairs, delivery systems, and dental lights worldwide today.

In addition to its 50-acre US headquarters, which employs more than 1,000 people, A-dec currently maintains operations in Australia, China and the UK, cooperating with an extensive network of dealers in more than 100 countries worldwide.

Over the last few decades, the company has developed a number of innovations used in dental practices worldwide. In 1944, for example, the first vacuum ejector, patented by A-dec, replaced belt-drive devices in treatment rooms.

The company also introduced the first compact delivery system, revolutionizing treatment of patients by making it more efficient and ergonomic. A-dec products recently won Townie Choice awards in the categories Best Patient Chairs, Best Operator Delivery Systems, Best Dental Cabinetry, Best Operatory Lights, Best Stools and Best Waterline Systems for the tenth consecutive year.

“A-dec began with a simple idea,” said co-founder Ken Austin. “Our approach then and today is to create a better solution that’s simple and easy to use.”

CAD/CAM DISCS ON COBALT-CHROME AND TITANIUM BASE

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 homogenous 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. Specialized 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.

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A-DEC, USA

www.a-dec.com

Booth 6F-01
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Mentors

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June 21-22, 2014, Greece
The Venue will be held at the Petros M. Nomikos Conference Centre, Fira.

Colloquium fee: € 799
Tel: +49 341 48474 302 / email: request@tribunecme.com
NOVELTIES FOR IMPLANT AND ENDODONTIC SURGERY

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 trephines of the Thomas brand safely which can be used to remove bone around dental implants safely.

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

Owing to the expertise of over 10 years of development, FFDM 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 to 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 Versal 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.

SHOFU PUSHES RESTORATIVE DENTISTRY WITH INNOVATIVE PRODUCTS

SHOFU has also introduced BeautiSealant last year which is supposed to eliminate the need for a conventional phosphoric acid etchant completely. Based on SHOFU's proprietary S-PFG technology with specially developed fluoride charged S-PFG fillers for a better anti-cariogenic effect, the product seals deep grooves and fissures. Sustained release and recharge of fluoride provides all fissures. Sustained release and recharge of fluoride provides all receptor areas effectively and safely, damage the corrosion owing to the material from the syringe. SHOFU’s universal direct aesthetic restorative BeautiInjectable was developed with a unique resin micro-structure that is said to offer mechanical properties for remarkable performance even in load bearing areas.

According to the Japanese manufacturer, the paste has ideal viscosity and a non-tacky, non-droopy consistency for restorations that can be easily shaped as clinicians extrude the material from the syringes. Having optimised the filler-matrix complex, BeautiInjectable controls light diffusion within itself in such a way that it mimics the optical characteristics of natural teeth.

A member of the Giesmer family of restoratives, BeautiInjectable also contains S-PFG fillers to provide continuous fluoride protection and unique anti-plaque effect. It is available in 2.2 gram syringes that have disposable needle tips for cross infection control.

SHOFU DENTAL ASIA-PACIFIC, SINGAPORE www.shofu.com.sg Booth 4A-10

NEW IMPLANT SCALER DESIGNS AVAILABLE FROM PREMIER

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 US 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 PerioWise UN12 probe which is safe for use on implants.

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