With Posicaine, the Canadian company Novocoll presents a local dental anaesthesia that can be used in both routine (Posicaine 200, Articaine with Epinephrine 1:200,000) and complex procedures (Posicaine 100, Articaine with Epinephrine 1:100,000) when improved visualization of the surgical field is needed. According to Novocoll, its formula offers predictable anaesthesia of 60 minutes for infiltration injections and 120 minutes for nerve blocks. Posicaine does not contain methylparaben or latex in order to avoid allergic responses from patients that are sensitive to these compounds. Dental clinicians benefit from the neutral Mylan color-coded glass cartridges by minimizing the risk of wounds in case of cartridge breakage during use.

Additionally, the glass cartridges are siliconised to allow for smoother injections. Novocoll manufactures its product in Canada 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.

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ARIBEX, USA
www.aribex.com
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NOMAD Handheld X-ray

When US manufacturer Aribex introduced the first handheld dental X-ray system in 2005, the aim was to create an inherently safe X-ray device that could be held during radiograph exposure. Two models exist that are available to clinicians around the world (varies by jurisdiction).

NOMAD Dental weighs 4 kg and features a pistol-grip design, with a rechargeable NiCd battery. It generates sharp, clear images with digital sensors, conventional film, or phosphor plate systems.

The next generation NOMAD Pro, available since 2008, weighs only 2.5 kg and has a rechargeable Li-poly battery in the handle. It also features a full-colour LCD user interface, preset exposure settings, and additional time-saving features in a sleek design. Each model is capable of taking hundreds of diagnostic-quality radiographs with a single charge.

According to Aribex, the NOMAD allows the operator to remain chairside with the patient during radiography. With the handheld X-ray system, not only can the operator stay in the room, they can also reassure anxious patients (including children). This makes the device a first choice for the treatment of special needs or sedated patients. It also shortens procedure time and reduces mistakes and retakes, the company said.

More than 30 independent evaluations and scientific studies have concluded the Aribex systems are both effective and safe – made possible by patented shielding on the X-ray source and the leaded acrylic backscatter shield on the collimator cone, which protects the operator from reflected radiation.

“The NOMAD has forever changed the way that dental radiography is performed,” said Dr. Clark Turner, Aribex founder and CEO. “With over 10,000 units now currently in use, it has become a staple in dental operato-

NIWD0312_06_PR 24.08.12 14:48 Seite 1
Behind every successful implantologist is an Implantmed

With the new Implantmed you perform implant procedures with maximum precision. The unit is easy to operate and guarantees longer working without fatigue – thanks to the lightweight, yet powerful motor and the ergonomically-shaped contra-angle handpiece. And the integrated thread cutter function helps you with especially hard bone.
ISatelec’s Cone Beam Computed Tomography system WhiteFox allows practitioners to choose between five fields of view (from Ø200 x 170 mm to Ø60 x 60 mm) for minimised patient exposure to radiation. Owing to the Housefield units calibration, a feature previously used primarily in medical CT imaging, the device is said to provide higher quality images as well as precise measurements of tissue density.

Both the primary reconstruction FDK algorithm and visualization software have been developed in-house and therefore conform perfectly to the WhiteFox scanner which results in images of outstanding and software easier to handle for DMF radiology and surgery, the company said.

According to Acteon, Whitefox currently offers the most complete and precise diagnostics in fields like cephalometry, orthodontics and gnathology, endodontics, TMJ analysis, implantology planning, as well as oral and maxillofacial surgery. The system includes the WhiteFox scanner and workstation with “inclusive” software.

The Straumann Bone Level Implant System includes the new generation Bone Level Implant which is now available all over Asia, including China, Taiwan and Japan. According to the company, these new implants, developed in close collaboration with internationally renowned experts and confirmed through clinical studies, combine new and innovative concepts with well-documented design elements to provide dental professionals with aesthetic flexibility.

RESULTS FROM A KNOWLEDGE-BASED, PARALLEL STUDY OF 116 SUBJECTS COMPARE SATELEC’S SENSITIVE PRO-RELIEF™ REGIMEN AND A POTASSIUM-BASED REGIMEN, BOTH CONSISTING OF A TOOTHPASTE, MOUTHWASH, AND TOOTHPASTE, AFTER 2 WEEKS.

For your patients with hypersensitivity, recommend the Colgate® Sensitive Pro-Relief™ at-home regimen, clinically proven to deliver 2 TIMES the sensitivity relief vs a potassium-based regimen after 2 weeks.

The biological distance is respected by the horizontal distance between the microgap and the bone. Moreover, the transition of the rough to the smooth surface is optimally positioned at the level of the crestal bone to provide the maximum surface for osseointegration and soft tissue growth.

The Straumann Bone Level Implant is available in three endosteal diameters and four lengths and comes with a comprehensive prosthetic portfolio. According to the company, they can be placed with the same surgical kit and procedure as the other implants in the company’s current range, thus providing even greater flexibility, broader treatment options and higher reliability.
Scaling has never been so relaxing and easy

The new W&H Tigon+ is a piezo scaler without equal: the warm irrigant spray protects even the most sensitive teeth, making treatment more comfortable. The three different power modes and five present programmes allow you to work even more safely and efficiently.

www.fdiworldental.org

For more information about the company’s line of products, FDI visitors are invited to a Dental Tribune Study Club Symposium session at booth K30 inside the exhibition hall.

ABRASIVE TECHNOLOGY, USA
www.abrasive-tech.com
Booth K31

**ZIRCONOMER**

This new product tries to raise the bar for restorative glass ionomers by outperforming conventional materials in stress bearing posterior restorations with notably higher compressive strength (more than 340 MPa in 24 hours), very low creep and dimensional stability for long-lasting performance. Special micronised zirconia fillers were included in the glass component of ZIRCONOMER with the aim to reinforce the structural integrity of the restoration and impart superior mechanical properties for the restoration of posterior load bearing areas, where amalgam is commonly used.

The combination of outstanding strength, durability and sustained fluoride protection makes ZIRCONOMER suitable for the restoration of Class I and II cavities, repair of fractured amalgam, as well as providing a strong base under amalgam and composite restorations. It can also be used for all classes of cavities where radio-opacity is a required, as well as the build-up of a structural core and on root surfaces where overdentures are placed. Long-term temporary replacement for cusps, minimal intervention treatment and ART techniques are other fields of application, the company said.

ZIRCONOMER is available in a set with 12 g powder and 5 ml liquid.

SHOFU INC., SINGAPORE
www.shofu.com.sg
Booth B12/C13

For more than four decades, Abrasive Technology has been recognised as one of the world’s leading manufacturers of superabrasive grinding wheels and tools but perhaps nothing defines the company’s commitment to precision more than its dental products — most notably its Two Striper diamond dental instruments. In fact, the company says to have taken extra steps to ensure that these products are not only safer, but better balanced and easier to use.

AT’s founders developed a unique diamond bonding process called P.B.S. that makes it possible to manufacture grinding tools that are superior to other products on the market, the company said. The process is said to increase productivity and part consistency simply because it will last longer, cut faster, run cooler and load less.

According to the company, the process is one of the most effective and innovative bonding processes in the industry. It’s a science that the company said to have helped to transform itself — and a craft that it’s working every day to perfect.

Through continuous innovation, product development and enhancement, Abrasive Technology aims to meet the most demanding specifications and solve the most challenging applications. From disks and trimming wheels to instruments and files, its dental products epitomise high quality, attention to detail and superior craftsmanship and makes them a number one choice in the industry.

For more information about the company’s line of products, FDI visitors are invited to a Dental Tribune Study Club Symposium session at booth K30 inside the exhibition hall.

ABRASIVE TECHNOLOGY, USA
www.abrasive-tech.com
Booth K30

World-leading instruments

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ABRASIVE TECHNOLOGY, USA
www.abrasive-tech.com
Booth K30

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www.fdiworldental.org
The German company VITA has recently added more options to its assortment of high-quality materials for CAD/CAM processing that include ceramics as well as polymers in the form of different types of monochromatic and multichromatic milling blanks in various basic shades and geometries. Besides in the shades 1M2C, 2M2C and 3M2C, the VITABLOCS RealLife, for example, are now available in 0M1C, 1M1C and 2M1C as well as the multichromatic VITABLOCS TriLuxe and TriLuxe forte, that come in sizes 12 and 14 in the Classical shades A2C, A3C and A4C.

Owing to the VITA Rapid Layer Technology, the veneer structure can not only be milled from VITABLOCS TriLuxe forte blocks but also from the monochromatic VITABLOCS Mark II in the XXL block geometry, the company said. VITA DISCs with a diameter of 98 mm including the circumferential groove have also been launched especially for the fabrication using open CAD/CAM systems. This assortment includes VITA In-Ceram YZ DISCs in five different material thicknesses and VITA CAD-Temp DISCs for provisional restorations in monoColor and multiColor layering, as well as three different shades. In addition, VITA CAD-Waxx DISCs allow for an efficiently manufacturing of investible casting, pressing objects and drilling templates.

VITA ZAHNFABRIK, GERMANY
www.vita-zahnfabrik.com
Booth G16/H19

W&H’s new Proface light probe is supposed to enable direct visual detection of caries in opened cavities and minimise the risk of caries recurrence.

According to the Austrian company, it enables selective treatment during caries excavation based on Fluorescence Aided Caries Excavation (FACE).

This method works in the way that violet light is applied to the opened cavity where porphyrins, metabolic by-products left by the bacteria in infected dentine and not visible to the human eye, fluoresce red while healthy tooth substance fluoresce green.

Diagnostic goggles with special filters also enhance this effect, the company said.

With Proface, dentists will also have more information in regard to treatment decisions in Caries Profunda. Access to the treatment site is optimised by the probe’s new slender design which was developed to guarantee flexible and painless application. W&H said that with Proface success of caries excavation can be assessed at a glance and at any stage of the process.

By assisting dentists with selective, minimally invasive excavating, it substantially contributes to maintaining the patient’s healthy tooth substance, they added.

W&H, AUSTRIA
www.wh.com
Booth G22/26
**Suni's digital radiography offering**

Suni's UltiRock Die Stone, the US manufacturer Whip Mix is showcasing a premium die stone that allows the production of precision models and dies with excellent detail reproduction and high abrasion resistance for fixed restorations.

According to the company, its low setting expansion makes it ideal for implant and complex cases.

It's easy handling properties provide a very creamy mix that is easy to pour, and its smooth non-reflective surface scans readily, Whip Mix added. UltiRock Premium Die Stone is Type 4 and available in Golden Brown, White and Ivory.

The company also has its Esthetic CrossRef centered bite record as well as its Denar Mark 300 articulators on display in Hong Kong. Based in Louisville, Ky. in the USA and Dortmund in Germany, the company has been manufacturing and distributing products for dental practices and laboratories since 1919.

WHIP MIX, USA
www.whipmix.com
Booth E06

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WHIP MIX, USA
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