The Finish manufacturer Planmeca has added a new Cephalometric Analysis module to its Romexis software that is intended to bring benefits to orthodontic planning and treatment by providing flexible and easy-to-use features for creating cephalometric analyses and composing superimpositions of 2-D cephalometric images, facial photos and images of the dental arch.

According to the company, the Planmeca Romexis Cephalometric module renders routine analyses fast and easy. An analysis can be performed in minutes and the results are displayed and shared effortlessly, it said. During a treatment process, superimposing patient images from different time points can be also used for follow-up purposes. The novel concept also offers possibilities for customising the analysis and software properties in order to meet different professional needs and requirements.

“We believe that with the Planmeca Romexis Cephalometric Analysis module, we can serve our orthodontics customers better than ever,” Ms Helianna Puhtin-Nurminen, Vice President of Digital Imaging and Applications division at Planmeca Oy, stated. Planmeca Romexis is a comprehensive software used by medical and dental professionals for acquiring, viewing and processing 2-D and 3-D images.

New ortho planning tool for Romexis

For more than four decades, Abrasive Technology has been recognised as one of the world’s leading manufacturers of super-abrasive 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.
DTI partners with Medical Tribune Japan

Dental Tribune International, the largest publishing group in dentistry, has joined forces with Medical Tribune Japan, a leading publisher in medicine and dentistry, in order to extend its broad range of media and educational services to Japan.

The recently formed partnership includes the establishment of a Japanese language online edition of "Dental Tribune Japan", targeted at more than 60,000 dentists with weekly news in the local language sections of www.dental-tribune.jp, as well as regular distributed e-newsletters and dental educational programmes to be held in close cooperation with the global e-learning platform Dental Tribune Study Club.

Dental Tribune Japan will also be the official representative for all publications and services of the Dental Tribune International portfolio in Japan. It is inviting Japanese dental professionals, including researchers, dentists, dental technicians, hygienists and dental industry representatives to submit abstracts, articles, product reviews or other editorial contents. In addition, the Dental Tribune Japan management and editorial team will be available for feedback and discussing future collaborations here at the FDI Annual World Dental Congress in Hong Kong.

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**A unique event in Asia**

In October, all eyes will be on Singapore for the 7th CAD/CAM & Computerized Dentistry International Conference, which is to be held at the Marina Bay Sands Expo and Convention Center. This remarkable networking event will bring together dentists, dental technicians and leading dental industry players to exchange knowledge and experience on the latest developments in dental CAD/CAM and computerised dentistry. Among other things, the dental technicians’ session will be well worth attending.

This tailor-made programme with a focus on dental lab technicians has been integrated into the two-day main programme for continuing professional education. It will focus on providing them with contemporary, technology-focused education and cover various aspects of using digital dentistry in the lab environment. Participants will learn how to take advantage of the latest digital technologies and the most up-to-date CAD/CAM methods and applications for CAD/CAM systems. The unique course will demonstrate key factors in increasing lab productivity and improving the efficiency of the dental team.

The parallel session on the second day of the conference will be dedicated to dental lab technicians, with presentations by professional speakers on the state of the art. In his presentation, "CAD/CAM technology... Flexibility at its best", Lutz Ketelaar from DeguDent will review ten years of CAD/CAM in dentistry, including materials, production methods and indications. Patrizio Corso from Zirkonzahn will present quality, perfection, precision and an intelligent and wide variety of solutions in “Ready to face the future — Endless possibilities”. This will be followed by a hands-on course, “Digital functional prosthetics — Best practice”, by Barış Çakır from AmannGirrbach and a workshop on “IPS e.max CAD-on technique — Where STRENGTH and ESTHETICS combine” by Pitsnu Intoratat from Ivoclar Vivadent.

The session will conclude with a lecture by Rik Jacobs from Vertex Dental entitled “ThermoSens monomer-free thermoplastic denture base material”.

CAPP ASIA, SINGAPORE
www.capp-asia.com

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Based on the principles of modern adhesive technology, BeautiSealant from SHOFU wants to be a more simple and predictable dental sealant. According to the company, it completely eliminates the need for a conventional phosphoric acid etchant while establishing a durable chemical bond with the tooth structure. Being a member of SHOFU’s Giomer family of restorative monomers that penetrate the pits and fissures for an effective chemical bond to the sealant while minimising any damage to enamel. For long-term stability and retention, the formula is HEMA-free to prevent the occurrence of hydrolysis at the bonding interface.

A non-drip, fuss-free syringe design and an extra fine 27 gauge needle tip allow precise delivery of the smooth, bubble-free sealant without the hassle of overfilling the grooves, the company said.

BeautiSealant is available as a set and refills.

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

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
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VITA Easyshade Advance

According to VITA, the user-friendliness and performance of the VITA Easyshade Advance was improved with a newly developed software, that combines the precision of electronic measurement data with the principle of visual and standardized shade recognition. The results will ensure reliable reproducibility for dental restorations since they cannot be impaired by external influences such as ambient light or the user. Moreover, measurement data can be more easily interpreted with the device which leads to less errors and a better communication between dental practices and laboratories. Dental patients will receive a perfect shade result at one go regardless whether restorations are fabricated using conventional procedures or dental CAD/CAM, the company said.

Esthetic CrossRef

Whip Mix has announced the market launch of its Esthetic CrossRef centered bite record that, according to the US company, will enhance communication between practitioners and dental labs by accurately recording the patient’s midline and horizontal plane. In addition, it will enable labs to do a final check of completed crowns or veneers by removing the upper bite material and placing the lower impression on the articulated models, the company said.

Esthetic CrossRef comes in packages of 20 (vertical and horizontal bars & arches), and with 2 Nasion Extenders.

Besides the Esthetic CrossRef, Whip Mix has also its UltiRock Premium Die Stone as well as its Denar Mark 300 articulators on display. The new series, consisting of three models (Mark 320, and Mark 330), is supposed to bring a new standard of interchangeability with factory set accuracy within 20 microns.

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
ISOPRO is presenting its latest development in the field of intraoral imaging exclusively to visitors of this year’s FDI Annual World Dental Congress. Officially available since June, the SOPROCARE dental camera is supposed to complete the company’s market-proven range of SOPRO devices that include such recognised products such as SOPRO 617, SOPRO 717 first and SOPROLUTE.

According to the company, the new camera uses light induced autofluorescence for improved assessment of a patient’s oral health and for the early recognition of dental diseases like periodontitis. In PERIO mode, one of three modes, the device is able to highlight gingival inflammation as well as old and new dental plaque. In addition, enamel-dentinal caries from stage 1 (ICDAS II) can be detected (CARIO mode) as well as the stability of micro lesions and their progression monitored (DAYLIGHT mode).

Sopro said that the new device is minimally invasive compared to conventional methods of diagnosis and enhances communication through the fact that results of the clinical assessment can immediately demonstrated to and discussed with the patient.

ACTEON GROUP, FRANCE
www.soprocare.com
www.sopro.acteongroup.com
Booth L16/M17

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 operations everywhere.”

ARIBEX, USA
www.aribex.com
TWL DENTAL
Booth E13

Regardless of which unit or drive you are using, Alegra LED+ contra-angles light your way with their very own light supply. The secret? A built-in generator. The plus? Ultimate LED technology for daylight quality light, exceptional reproduction of natural colours and clear, unparalleled colour contrast. The downside? No other LED solution comes close by comparison. The Alegra LED+ series: now available from your specialist retailer.