

# New products and focus on profitable practice and oral health

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## CONFERENCE TO HIGHLIGHT ORAL MEDICINE

The 10th biennial conference of the European Association of Oral Medicine is to be held in London from 21-25 September 2010. The programme of events will include the Showcase for British Oral Medicine, the role of the dental team in oral mucosal disease, and plenary sessions on xerostomia

and oral lichen planus, scientific communications, clinical communications and clinico-pathological conferences. This landmark conference is being jointly hosted by the three London dental schools. For further information please go to [www.eaom2010.com](http://www.eaom2010.com) or email [admin@eaom2010.com](mailto:admin@eaom2010.com). Early bird registration for all events is available during 2009.

**Reader response number 50**

## ULTRASONIC SYSTEM DETECTS CALCULUS



Sirona's PerioScan scaling system detects and gently removes subgingival deposits, minimising the risk of over-cautious/over-aggressive therapy. A new, all-in-one ultrasonic system for the detection and removal of dental calculus, the product detects deposits in places which dentists normally cannot view clearly – eg in the gum pockets.

Special sensors in the handpiece can distinguish between calculus and healthy root surfaces. On the tip the system emits vibrations and analyses the specific oscillation pattern of the tooth surface. The results of this analysis are displayed via a ring-shaped LED on the hand-piece. Green tells the user that the root surface is in a healthy condition. Blue indicates the presence of calculus. If the LED is not lit, the tip is not in contact with the root. There is also an optional acoustic signal that indicates when the scaler tip is not in contact with the tooth.

**Reader response number 52**

## EARLY DECAY DETECTION

The CarieScan Pro measures the presence of tooth decay early and accurately and is 92.5% accurate in detecting both sound and carious teeth. It can also detect hidden decay, providing dental practitioners with the opportunity to arrest or even reverse decay, driving the trend towards preventative dental care.

The lightweight handheld device allows easy monitoring of the effect of treatment regimes to show decay advancement or regression, thus enabling dentists to tailor treatment

to the needs of the patient at a low cost.

The Pro consists of a handpiece and a disposable sensor which is held against the tooth being examined in a process which takes approximately four seconds per tooth with the result displayed on the handpiece. It enables dentists to evaluate teeth using AC impedance spectroscopy by providing information about whether the tissue is healthy or not at different stages in the decay cycle. It measures the demineralisation of enamel, while other methods measure the effect or result of demineralisation.

The device is currently configured to assess the occlusal surfaces and the free-smooth surfaces of teeth. There is no pain, no sensation and no ionising radiation – simply the touch of the sensor on a patient's tooth. Readings are clear and easily understood by patients, making explanation of the need for treatment easy.

Cost per test is lower than comparative X-rays and the single patient disposable eliminates potential cross infection issues. A replacement sensor is used for each patient, with built-in system tests for automatic calibration and accuracy.

**Reader response number 51**



### SEDATION AND PAIN MANAGEMENT

The UCL Eastman Dental Institute will be offering a theoretical update day on conscious sedation on 31 October 2009 in London. The aim of the meeting will be to update and equip clinicians with the latest knowledge and skills to provide safe and effective sedation.

Topics to be covered include alternative conscious sedation techniques, sedating patients with medical problems, the UK regulatory framework for conscious sedation, the obese patient

and sedation, new midazolam guidelines, and paediatric sedation. Speakers will include Professor James Roelofse, Dr David Craig, Dr Yusof Omar and Dr Andre du Plessis.

The day will offer six hours of verifiable CPD. For further information or to register for the course, please contact Victoria Banks, Programme Administrator, on 020 7905 1251 or at [v.banks@eastman.ucl.ac.uk](mailto:v.banks@eastman.ucl.ac.uk).

**Reader response number 53**

### AUTOMATIC TRANSFER OF IMAGES

Schick Digital Imaging System from Schick Technologies has intra-oral sensors including the CDR Wireless, Wired and PlusWire, so every image is transmitted instantly and automatically to the PC via radio waves.

The user enjoys mobility at chair-side, with easy sensor placement and



reduced radiation exposure. The USB-Cam, which plugs directly into the PC, has full-motion capability to assist perfect image capture.

Practices embracing digital technology without replacing their film-based OPG can use Schick's Digital Retrofit Kit. This fits quickly and easily to the majority of manufacturer's machines without requiring permanent modification. Schick offers digital OPGs with the CDRPanX and the CDRPan Elite, which both offer the option of digital cephalometric X-ray. These provide ideal patient positioning with sharp, clinically precise images. It is available from Clark Dental.

**Reader response number 54**

### NEW REMINDER BRUSH HEAD

Philips has launched new Sonicare brush heads with 'Reminder' bristles to indicate when it is time to replace a head. The second row of bristles on the ProResults brush head is blue so that it stands out from the ranks of green tufts.

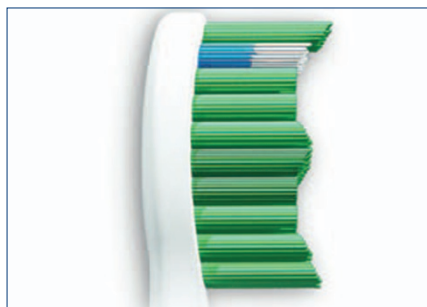
The recommended time for brush head replacement is three months for Sonicare FlexCare and six months for the Elite, however this recommendation is often exceeded and depends on the user's brushing techniques, so compromising their oral health. To signal the optimum time for replacement, the colour on the blue row fades to midway down the bristles, showing when it is time to change the brush head.

For the dental professional, offering Reminder brush heads is a way of ensuring that patients' brushing remains at

its optimum level of effectiveness. It also offers dental hygienists in particular the opportunity to review brushing techniques at every consultation and encourage sales of consumable items at greater frequency from the practice.

The Reminder bristles are now available on all ProResults brush heads – both Standard and Mini – with Sonicare Elite brush heads following in the autumn.

**Reader response number 55**



### GREATER FREEDOM OF MOVEMENT



Bien-Air's Diamline instruments offer good hand grip due to the high tech diamond powder surface treatment. The handpieces allow for precision treatments with reduced effort and tension combined with less hand fatigue, allowing you to work more efficiently.

The new shape of the Diamline range has been designed for easier access to posterior areas, allowing for greater freedom of movement in the buccal cavity whilst improving visibility of the operative field.

These contra-angle handpieces offer maximum power at both high and low speeds, particularly when combined with the MX motor from Bien-Air. The range includes three contra-angle handpieces and a straight handpiece to cover the full range of clinical applications.

**Reader response number 56**

### WORK WITH QUALITY LIGHT

New Alegria contra-angle handpieces contain an LED generator which operates self-sufficiently even on non-optic motors. The range gives users the freedom to use high quality, reliable optic handpieces on their existing optic or non-optic units.

With the LED technology, the user has the benefit of being able to work by daylight-quality light. The handpieces are thermo-washer disinfectable and sterilisable, and come with a scannable etched data matrix code as standard.

**Reader response number 57**

**MARGINAL BONE MAINTENANCE**

Astra Tech implants are designed for the crucial maintenance of the marginal bone both from a functional and aesthetic point of view. The design features of the implant system are one of several factors crucial to the long-term marginal bone stability.

Interactions between an optimal biomechanical bone stimulation from

the implant and the stable seal of the implant-abutment interface will help maintain the marginal bone, and thereby the function and aesthetics of the implant.

Astra Tech implants show minimal marginal bone remodelling during the first year in function, and well maintained marginal bone levels thereafter.

**Reader response number 58**

**PERIODONTAL HEALTH WITH ALL-CERAMIC RESTORATIONS**

Techceram In-Ceram CAD, Lava and IPS e.max all-ceramic restorations have the balance of function, aesthetics and biocompatibility. In association with their ACE Group of laboratories, Techceram can offer dentists and patients a choice between the highest quality all-ceramic restorations currently available, including Techceram flame sprayed alumina single unit substructures, Lava zirconia-based substructures for single and multiple unit restorations and IPS e.max ZirCAD zirconia-based substructures for single and multiple unit restorations.

Being all-ceramic systems, they eliminate the aesthetic problems traditionally associated with non-precious metal based restorations. They are also more biocompatible with gingival tissue in the longer term.

**Reader response number 61**

**NEW GIFT AID RULES MEAN CHARITIES GET MORE**

Without the generous support of dental professionals throughout the UK, the BDA Benevolent Fund would struggle to survive. Thanks to the support and care of the dental community, the Ben Fund has been able to assist dentists and their families as they cope with illness, stress, poverty and bereavement.

Now taxpayers can be even more generous thanks to Gift Aid rules. For example, if you donate £10 to the BDA Benevolent Fund in 2009/2010, your gift would be worth £12.80 to the Fund. As the new tax year gets underway there's never been a better time to make giving a regular part of your professional life.

In 2008 new applications to the Fund were 50% higher than in 2007, and numbers are expected to rise in 2009. Applications to the fund for help will be explored with empathy, care, consideration and in the strictest of confidence.

**Reader response number 59**



**WEBSITE LAUNCHED FOR HELP WITH PERIODONTAL PATIENTS**

A new website has been launched dedicated to helping dentists who have patients with periodontal problems. The site, [www.periodontal-diagnosis.com](http://www.periodontal-diagnosis.com), offers online help and support in periodontal diagnosis and treatment planning for practitioners who may be having difficulty in deciding on the best course of treatment for their patients.

Visitors can click on a button for the diagnosis section, and follow the easy

instructions. There is a charge for the service which you can pay online by credit card using an independent, secure online payment system to ensure that your credit card details are safe.

Clinicians can scan their X-ray images and photographs to digital format and send them with completed clinical information. For those unable to do this, special arrangements can be made to forward them to the consultants.

**Reader response number 60**

**PRACTICAL FINANCE SOLUTIONS**

The Essential Money team specialises in providing practical and proven solutions to help dentists take control of their financial situation and can help principals and associates seeking to make their business more robust during the credit crunch.

In 2009, many patients will be counting their pennies and may not want to undertake expensive treatments. Principals need to be able to reach those patients still willing to invest in oral and dental wellbeing, and draw them to the practice. Essential Money's services include advice on mortgages, investments, insurance, pensions and cash-flow planning.

**Reader response number 62**

**PRECISE RESTORATIONS**

The newly launched NobelProcera offers dental professionals next generation optical scanning technology using conoscopic holography, innova-

tive cutting edge 3D design software and precise impression scanning capabilities. The technology is supported by delivery of the restoration on an accurately milled model, a full assortment of shaded zirconia products (from

cement to screw retained restorations) and a wide range of overdenture and screw retained bar solutions on Nobel Biocare and continuously updated competitor implant platforms.

**Reader response number 63**

### RE-USABLE NAME BADGE LAUNCHED

Badgemaster, manufacturer of custom made, ready-to-wear employee name



badges has launched a new product range to fulfil the needs of the re-usable name badge market.

InstaBadge enables employers themselves to create instant name badges for new starters and staff changes and they can also recycle the Instabadge name badge from leavers to new starters.

The credit crunching product is ideal for workplaces with frequent staff changes. The wearer's name is held on ordinary card or paper within the badge

rather than engraved onto it, so employers can control costs by re-using the badge frames when staff leave. The new range includes six different styles, all available in any base colour and with plenty of space for individual corporate designs and logos.

Its unique moulding combines an integral fastener as part of the badge, so avoiding the chances of the pin or badge becoming accidentally detached from the wearer.

**Reader response number 64**

### ALCOHOL-FREE GEL MAKES A COMEBACK

The Curaprox range is set to see the return of Curasept gel. Containing 0.5% of the antimicrobial chlorhexidine (CHX), the gel is easy to use with no patient compliance issues.

Apply directly to the periodontal pocket, or let the patient do so using a cotton bud or interdental brush. Also available is Curasept mouthwash, which like the gel is alcohol-free, putting patient minds at ease about the

reported link between alcohol mouthwashes and oral cancer.

The range includes ADS205, a non-staining daily fluoride and CHX rinse, ADS220, a rinse for short-term use that contains 0.2% CHX, and gel toothpaste ADS705, for long-term daily use. All Curasept toothpastes are free from sodium lauryl sulphate (SLS), which nullifies the beneficial effects of CHX.

**Reader response number 65**

### GO FOR A GLOSSY FINISH

One Gloss polishers from Shofu can be used to finish and polish all composite restorations in one go. By simply altering the contact pressure on the restoration, you have control as to how much lustre you choose to give to your composites, without having to change instruments. To achieve a gleaming finish, simply apply pressure to the instrument; during

the polishing process gradually reduce the pressure for a glossy finish.

One Gloss polishers are extremely useful for removing surface stains as well as excess resin cement from tooth surfaces without causing any damage to the enamel. By using One Gloss before tooth whitening treatments to remove surface stains, chairside time can be greatly reduced.

**Reader response number 66**

### PLAN AND DOCUMENT PATIENT TREATMENTS

The British Academy of Cosmetic Dentistry (BACD) presents protocols and treatment planning templates to help their members plan and document patient treatment.

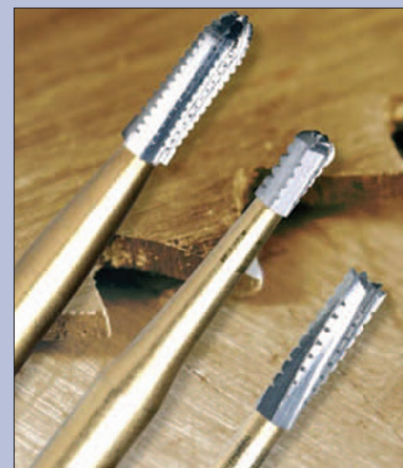
This means patients receive the best possible dental care designed to suit their precise needs. The generic Cosmetic Dental Treatment Consent form is adapted for each individual patient. Additional consent forms will be

needed for sedation, tooth whitening and periodontal surgery.

The protocols and consent forms are meant as a guide only and should be amended accordingly for individual patients. This is only available for members to download when they log on to the secure website. If you're not already a member, you can join at [www.bacd.com](http://www.bacd.com).

**Reader response number 67**

### SUBTLE AGGRESSION FOR FASTER CUTTING



Predator Turbo from Prima Dental Group is a one-piece metal cutting carbide, ideal for rapid reduction of all dental materials, amalgam and semi-precious and non precious metals.

Its unique sharp blade design and multiple cross cuts provide the ideal combination for crown removal and endodontic access. The secret of Predator Turbo's success lies in its subtle aggression, while its unique tooth geometry and flute design supply the cutting power necessary for metal/crown removal.

The single piece construction provides unparalleled concentricity and therefore eliminates the breakage, chatter and bounce that give metal cutting burs bad press. All shapes are available in unique Solo Peel blister 10 packs as well as convenient clinic 100 packs.

**Reader response number 68**