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# New products and focus on endodontics and practice management

## HIGH FLUORIDE RELEASE

SDI's Riva Protect conventional glass ionomer can be used in the field of endodontics as an inter-appointment dressing. The pink shade in the fast set is a favourite with many clinicians due to its sealing ability, high fluoride release and high visibility for removal during visits.

Glass ionomer cements have the ability to bond to dentine and feature biocompatibility and radiopacity. Their ability to self adhere to dentinal walls enhances the sealing property of the cements and reinforces the tooth. Glass ionomers can also be used to seal and restore the pulp chamber, repairing perforations and sometimes



to treat vertically fractured teeth.

Riva Protect is available in pink or white shades, is supplied in pre-dosed capsules and hand mix presentations and comes in regular or fast set.

**Reader response number 50**

## HIGH INTENSITY OUTPUT

The new Bluephase G2 polymerisation light features an innovative polywave LED which emits a broad light spectrum of 380-515 nm, similar to conventional halogen lights. This means it is suitable for use with any of the currently used photo-initiators.

Cordless for unlimited mobility, the Bluephase G2 features a lithium polymer battery with a 60 minute capacity. It delivers a high intensity 1,200 mW/cm<sup>2</sup> output for reduced curing times starting at ten seconds, and has three modes of operation – maximum, deep and stress-reduced polymerisation.

Recently awarded Top Light-Curing Unit 2009 by *The Dental Advisor*, it also features a virtually noiseless built-in fan which means it can be used continuously for an unlimited period, including extensive procedures involving multi-unit restorations. It can also be connected to the charging base via its smart Click & Cure function to enable continuous operation if the battery is discharged. Available from Ivoclar Vivadent Ltd, it has a three year warranty.

**Reader response number 53**



## CUSTOMISED DESKS

A reception area can become more welcoming and more efficient with a new reception. Admor can provide customised solutions and can guarantee they have a desk to suit your practice.

Admor's products come in wide range of sizes that can be specifically designed for individual customers. All desks are available in an assortment of finishes and colours. A no obligation on-site visit that provides a plan and a quotation to suit your practice needs can be

arranged. All desks are aesthetically pleasing and easy to assemble, combining style and function.

**Reader response number 51**



## SEDATION UPDATE

The UCL Eastman Dental Institute will be offering a theoretical update day on Saturday 31 October 2009 in central London on hot topics in dental

sedation and pain management.

The day will offer 6 hours of verifiable CPD. Contact Victoria Banks, on 020 7905 1251 or at v.banks@eastman.ucl.ac.uk.

**Reader response number 52**

### BETTER HANDPIECE CONTROL

The Optima MX INT system from Bien-Air provides a complete and reliable solution for your endodontic work. With an easy to use, intuitive display the Optima MX INT converts your air-driven system to an upgraded electric operation, allowing, for example NiTi endodontics to be covered with a standard 1:1 contra-angled handpiece.

Most other procedures are covered with just two contra-angles (1:1 and 1:5), thus replacing several conventional instruments saving time and expense. This simple system enables you to change the torque, speed and ratio in just a few clicks.

With 20 pre-set programmes, ten designed specifically for endo work and ten for operative programmes, the Optima MX INT allows you to set a further 20 programmes to your personal requirements. The unit will suit all



surgery décor and the unique mounting system allows optimum visibility.

In addition Bien-Air's MX electric micromotor offers exceptional performance at both low and high speeds between 100 to 200,000 rpm, the speed of which can be adjusted with your existing pedal. This brushless, sterilisable micromotor has a unique quick hose coupling for a faster connection.

**Reader response number 54**

### COURSE IN SPORTS DENTISTRY

The Eastman's Sports Dentistry course is aimed at dental practitioners with an active interest in sport and offers excellent training for those dentists who work with elite athletes.

Delivered through lectures, seminars and clinical sessions, this nine day course spread over several months will include healing of hard and soft tissues including suturing, the recognition of neurological injury, stress and TMJ dysfunction, and tooth surface loss and

the relationship with sporting activity.

As well as the dental and maxillo-facial subjects covered, there will be lectures and demonstrations on topics such as sports physiology, psychology of sports injury, diet and nutrition, therapeutics and drugs in sport, and the medico-legal aspects of dental injuries.

At the end of the course participants will be able to take an active role in the healthcare of sports people and advise team doctors, physiotherapists and dieticians accordingly.

**Reader response number 55**

### CLEANING TO HIGH STANDARDS

The Classic range of disinfectants and wipes from The Dental Directory is effective against H1N1 human influenza virus and *Clostridium difficile*



and the range will help you reach HTM 01-05 standards.

The new Ice Lemon aroma is available in a jumbo size wipe and keeps your surgery clinically clean and smelling fresh. It is available in tubs and refills of 200. The standard classic wipe meets all of the above standards, and is available in tubs and refills of 100.

For surfaces and equipment the Classic Hard Surface trigger spray, effective against H1N1 and *C. difficile*, is aldehyde free and available in a 500 ml or 5 l refill.

**Reader response number 56**

### FULL SKULL VIEW

The recently launched Kodak 9500 Cone Beam 3D system marks a new stage in cutting edge dental imaging. It is very easy to operate, with patient positioning controlled from a single panel. The straightforward but powerful visualisation software supports dental and maxillofacial applications and the feature set includes a measurement tool, implant planning and simulation, nerve tracing and more.

The 3D extended full skull field of view captures the entire craniofacial anatomy, ideal for oral and maxillo-facial surgery, orthodontic treatment, facial symmetry, ear nose and throat and sinus/airway analysis. The 3D full jaw field of view is optimised for all imaging needs related to dental applications, and offers reduced radiation exposure.

Face-to-face positioning ensures a great patient experience and promotes efficient communication and image capture, and the Kodak 9500 offers full compatibility with leading implant planning software, for easy integration into the practice.

**Reader response number 57**

### AN END TO SPLIT TUBES

Dürr Dental has a solution to the problem of the relatively short life of a suction tube. They have designed a suction tube end that will fit most manufacturers' HV tubing. The attachment features a swivel sleeve that allows the cannula to rotate through 360°. There is also a valve on the hand piece should no rotation be required.

A ball joint ensures the tube can be used at any angle without being bent. All parts on the attachment can be autoclaved, allowing practices to change the hand piece from patient to patient.

**Reader response number 58**



### SAFE AND PRECISE

The LAEC, the electronic apex locator from Castellini, operates using three modes: operation integrated with the scaler, operation integrated with the micromotor for continuous use during the procedure and during root canal treatment, and manual mode with an independent probe for complementary use during treatment.

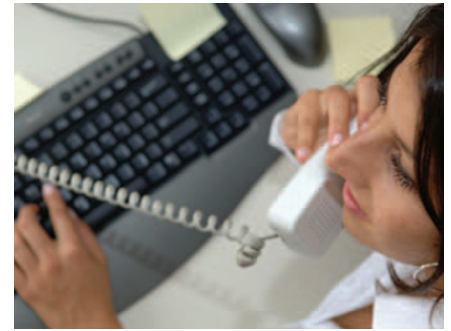
The apex locating system's integration with the micromotor and scaler allows

the root canal file to work as a probe. Professionals can identify the distance from the root apex at every instant.

The remarkable multipurpose system can be integrated into any of Castellini's dental units. All have the ability to indicate the depth of penetration, alerting the dentist when the apex is near and signalling when the proximity threshold has been attained.

**Reader response number 59**

### HANDLING PATIENT CALLS



UltraVox Call Processor can be installed to upgrade and integrate with almost any legacy telephone system providing an improved telephone experience for patients.

This can avoid situations where a caller wishing to speak to a dental practice would normally be connected immediately, but sheer volume of calls means they are kept waiting. As the caller continually hears ringing their assumption is the receptionist is not bothering to answer the phone, causing frustration and an inaccurate perception of the real level of service being provided.

The UltraVox answers and processes incoming telephone calls by providing callers with a means to talk directly with the relevant service they require. For example, those wishing to cancel an appointment or wishing to speak to the pharmacy can be routed to the correct contact.

The automated message-taking facility can be used for those wishing to register with the practice or cancel an appointment and frees up valuable minutes for the operators at peak times. UltraVox can also be programmed to operate 24 hours a day and can be economically purchased or rented.

**Reader response number 61**

### FREEDOM OF MOVEMENT WITH SUSPENDED CHAIR

The KaVo Estetica E80 is a suspended chair that gives the patient and dentist freedom of movement. The area under the unit is completely open for the dentist and assistant and there is plenty of room for comfortable leg positioning.

Procedures run much more smoothly and efficiently, leaving the professional to focus on quality dental care. The Estetica E80 takes your health into consideration as the individual working positions and habits ensures that your posture is constantly healthy, stress-free and relaxed. The unit does not constrain your movements and the chair height can be adjusted for standing or seated treatments.

The Primus 1058 is designed to offer all the quality and technology advantages of a KaVo unit, with the added benefit of working flexibility. This unit allows for permanent installation in either the right or left-handed position, whilst offering ideal patient positioning including an offset backrest articulation axis, allowing the facility to adjust the chair for paediatric dentistry.

It also offers a number of new features including the Memolog storing system, the Memospeed and multi-function foot control, and is competitively priced.

**Reader response number 60**



### STRONGER BUCKLING RESISTANCE

C+ Files from Dentsply Maillefer are an endodontic file used for the initial instrumentation of the root canal. The files benefit from a stronger buckling resistance compared to K files, which makes for easier location of the canal orifices and easier access to the apical third. This is due to their unique taper, which provides high stiffness and strength.

The pyramid shaped tip makes it easier to locate and access changing canals and negotiate calcification. The polished surface of the C+ File allows better debris removal, as well as smoother insertion of

the instrument in the canal. They are available in three lengths, 18 mm, 21 mm and 25 mm and three sizes, 8, 10 and 15, and are provided pre-sterilised at no extra cost.

**Reader response number 62**





### DENTAL CALCULUS REMOVAL

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

Special sensors in the hand-piece 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 and blue indicates the presence of calculus. If the LED is not lit, the tip is not in contact with the root. In addition, the control unit can be set in such a way that it emits an acoustic signal whenever calculus is encountered.

There is also an optional acoustic signal that indicates when the scaler tip is not in contact with the tooth. The



dentist can switch from the diagnosis mode to the therapy mode by depressing the footswitch.

**Reader response number 63**

### CREDIT CRUNCHING OFFERS

Software of Excellence has a number of special offers relating to their Exact Version 10 system. Dentists can either have the opportunity to purchase the practice management system on a 'buy now pay later' basis, or have £1,500 worth of Henry Schein Minerva dental consumables free with every purchase, or get up to £750 when trading in their existing system for the Exact.

Advanced features include the improved Recall Manager function and the new Presentation Manager tool. These features allow the practice to deal efficiently with their monthly recall processes and produce professional presentations to encourage the uptake of treatment plans.

Presentation Manager has been designed to help construct comprehensive presentation documents that



include patient charts, X-rays and treatment plans, helping to build trust and increase treatment acceptance.

The Recall Manager allows patients to be recalled in a variety of ways: by letter, email, phone or SMS, meaning your patients need never miss an appointment again. An in-practice demonstration can be arranged by contacting the company. Offers end March 31 2009.

**Reader response number 64**

### LOW FILM THICKNESS

Dentsply's Integrity provisional crown and bridge material and Integrity TempGrip Cement is the complete solution for temporary crown and bridge procedures. It offers strong temporaries with good aesthetics and ease of use.

It also shows consistency for easy handling and bonds to itself for easy repairs. Integrity polishes to a natural lustre and is available in five different shades with fluorescence. Integrity TempGrip temporary crown and bridge cement completes the Integrity system; it is non-eugenol and can therefore be used with resin-based materials and cement.

Integrety TempGrip has a low film thickness and high compressive and flexural strengths. It offers a creamy, non-drip flow and supports easy removal of the provisional because the cement stays in the crown and not on the tooth. A short setting time helps to save time for the dentist and improves patient comfort.

**Reader response number 66**



### STRONGER MORE FLEXIBLE FILES

Dental Sky has announced the availability of the R&S range of endodontic instruments, including R&S Cat Files. Cat Files are stronger and more flexible than regular K files due to the square



cross-section of the instrument. These stainless steel files reliably move smoothly through the canal, enabling effective removal of debris whilst establishing a glide path in the canal for successive shaping. When it comes to curved canals, Cat Files will effortlessly flex, bending to the shape of the canal without breaking or causing excessive strain upon the instrument.

Available in packs of six instruments, Cat Files are cost-effective endodontic instruments for general practitioners and specialists alike.

**Reader response number 65**