

# New products and focus on endodontics and facial aesthetics

Please send trade news information and illustrations to Arveen Bajaj at the *BDJ*, Nature Publishing Group, The Macmillan Building, 4-6 Crinan Street, London N1 9XW.

Trade news is provided as a service to readers using text and images from the manufacturer, supplier or distributor and does not imply endorsement by the *BDJ*. Normal and prudent research should be exercised before purchase or use of any product mentioned.

## COMBAT ACID ATTACKS AND EROSION

BioRepair is a new, easy to use product with a pleasant tasting formulation which offers an effective solution against acid attacks and erosion. It incorporates a component historically used in bone surgery and contains Microrepair, micro-particles of carbonate-hydroxyapatite – the same chemical substance that makes up tooth enamel and dentine. These microparticles effectively fill in any microscopic cracks or holes, thereby repairing the damaged enamel surface.

BioRepair Plus Total Protection Toothpaste repairs the surface of the enamel and provides daily protection against acid erosion, plaque and tartar, while also helping to keep breath fresh, while BioRepair Night Protection

Toothpaste repairs tooth enamel by helping to guard the teeth from acid attacks during the night. It also contains zinc, which offers increased antiseptic and anti-halitosis action.

BioRepair Plus Sensitivity Control Toothpaste repairs daily wear before it can lead to decay. The product contains bioactive microparticles that bond with the natural dentine and enamel to form a protective layer over nerve endings within the tooth, relieving excessive pain caused by brushing and by hot/cold food and drink. BioRepair Plus Sensitivity Control Toothpaste also prevents plaque and tartar from forming and helps keep breath fresh.

BioRepair Concentrated Mouthwash is the only enamel repair mouthwash available in the UK which strengthens and protects the health of your teeth by repairing the damaged surface of the enamel. It also protects the gums, freshens breath and effectively combats the build up of plaque and tartar by reaching those difficult areas, allowing the antiseptic action to really get to work on the whole mouth.

**Reader response number 50**



## NEW SUCTION SYSTEM LAUNCHED



Cattani, the global aspirator and compressor company, has launched a new suction system specifically for single surgery use. Cattani Smart is a next-generation machine for dentists requiring a smarter suction solution now.

Featuring a unique, multi-level power control to instantly regulate vacuum and airflow, Cattani Smart will significantly reduce electricity usage and can halve running costs. It requires less maintenance than other machines and is supplied pre-wired, pre-programmed and assembled, for easy installation.

**Reader response number 51**

## UCL CERTIFICATE IN ENDODONTICS

The UCL Eastman Certificate in Endodontics is a 24 day course commencing in October 2009 and running over 12 months. Participants have the choice between attending fortnightly or for six four-day modules spread over the year. Delivered partly through seminars and lectures, practical sessions will take place in a state-of-the-art endodontic

skills laboratory using microscopes and the latest instruments.

Some of the topics to be covered include pulpal and periapical pathology, endodontic diagnosis, innovations in endodontics and non-vital bleaching. The course will be directed by Richard Kahan and co-ordinated by Tony Druttman. Lecturers will include Nigel Foot,

Maria Lessani and Christine Premdas, amongst others.

This innovative technique course will enable participants to experience the current endodontic armamentarium with interactive discussions on clinical cases. The course will lead to a UCL Eastman Certificate in Endodontics through examination.

**Reader response number 52**

### LASTING NATURAL GINGIVAL AESTHETICS

Ankylos dental implants offer the confidence of sustained healthy margins. The system has the potential to help dentists recreate natural gingival aesthetics and renew normal masticatory function, and is complemented by the unique choice of indexed or non-indexed abutments in Ankylos C/X.

Its lasting natural aesthetics and the long-term stability of supported restorations result from the unique TissueCare Connection which provides prosthetic stability and anti-rotation. The exact fitting conical junction between the implant and the abutment ensures preservation of the surrounding hard and soft tissues.

Practitioners can offer Ankylos C/X implants by restoring cases referred to a competent colleague, referring the whole case, or learning to place implants themselves. More than 100 local and national referral centres can be found at [dentists4implants.com](http://dentists4implants.com) and the Dental Implantology Skills Development Programme offers implant training for the whole team.



Dental surgeons who prefer an indexed implant system can be confident of clinical outcomes which provide lasting natural gingival aesthetics and long-term stability. The addition of an indexing option to the Ankylos implant system provides clinicians with the best of both worlds – the security of the TissueCare Connection combined with a unique choice of indexed or non-indexed abutments.

**Reader response number 53**

### NEW ENDO WEBSITE LAUNCHED

For fast referrals and outstanding endodontic solutions, dental professionals can visit the new website from EndoCare. Fellow dental professionals are able to refer patients via the website with the Referral Pro-Forma, making the process much easier and extremely fast.

The EndoCare team ensures expert endodontic treatment, complete patient care, prompt delivery of progress reports and excellent data, as well as good communication between referring dentist, patient and EndoCare, and excellent aftercare. Patients will return to their dentists pain-free and ready for further treatment.

**Reader response number 54**

### ENDODONTIC THERAPY SOLUTION

Ledermix is a solution to the pain and inflammation patients experience in cases of pulpitis. Ledermix combines the antibiotic action of demeclocycline with the anti-inflammatory action of

triamcinolone and is particularly useful as an emergency measure in endodontic therapy, where it can be used in root canals between appointments.

Ledermix is available in combination kits comprising the dental paste and dental cement, with hardeners for fast or slow setting. The dental paste contains one third more steroid than the cement, and is preferred in the treatment of exposed pulp. It is effective in controlling inflammation after tooth preparation and its pain relieving properties also reduce the need for patients to rely on analgesics. In the case of irreversible pulpitis, the paste reliably relieves pain until definitive root canal therapy can be carried out.



### RAPID OBTURATION

QED are the sole UK distributors for the new HotShot Cordless Backfill Obturation delivery device. The HotShot enables fast and easy delivery of warm obturation material for the endodontic backfill technique, facilitating rapid obturation of even the most difficult root canals more completely, in less time, and with less patient discomfort.

The HotShot is cordless, compact and easy to handle. It features variable temperature settings which allow practitioners to control the flow characteristics of the material, a rechargeable lithium ion battery which will support hours of use from a single charge and a choice of needle size of 23g and 25g with a 360° swivel for improved access.

**Reader response number 56**



In small pulp exposure cases, the cement can be used as a pulp-capping agent and if the dentine is hypersensitive, it can be used as a temporary sublining for deep cavities where no exposure has occurred.

Ledermix not only provides effective pain relief in the emergency management of irreversible pulpitis, but also forms an excellent sublining for both temporary and more permanent restorations. Perfect for use in endodontic therapy and between appointments, Ledermix is water soluble and is easily rinsed out in order for obturation to be carried out. It is available from Blackwell Supplies.

**Reader response number 55**

## NEW ECOLOGICAL ENDODONTIC CLEANER

Harnessing power from nature, Oraldent's ecologically sourced Eco product range delivers efficacy whilst respecting the environment. Eco Endo Cleaner is a water-soluble cleaning gel that facilitates the insertion of endodontic instruments into the canal while reducing the risk of damage or breaking the instrument. Endo Cleaner's active ingredient, *Saponaria officinalis* (soapwort) guarantees a natural surfactant action.

It binds with calcium ions to demineralise the dentine and facilitate probing and preparation of the sclerotic root canal, and aids removal of the smear layer that forms during the course of normal endodontic treatment at the bottom of the cavity and on the walls of a root canal, to avoid risk of bacterial growth.

Eco Endo Cleaner contains urea peroxide 10% and EDTA 17% as well as *Saponaria officinalis*, to guarantee a combined mechanical and natural chemical action to remove all traces of pulp or debris that may still be present in the canal.

The ingredients sourced by Oraldent for use in Eco Dental products have always been traditionally used within the dental field, but have been given a modern twist to provide the optimum treatment results. Dentists can depend on the natural antiseptic and analgesic qualities of ingredients such as *Pinus sylvestris* (pine) and beech creosote without resorting to synthesised treatments that may elicit allergic reactions.

**Reader response number 57**

## FASHIONABLE DENTAL AND HEALTHCARE UNIFORMS

Midlands-based uniform manufacturer Ameerah has launched a new range of uniforms that have been created specifically for dental and healthcare professionals by a high street designer. Its first range of female, male and unisex tunics, trousers and scrubs has been designed to offer the wearer maximum style, comfort, quality and fit, all at an affordable price.

Ameerah was founded by Kalsum Bibi-Buller, who has designed collections for top fashion retailers such as Zara, Top Shop and Marks & Spencer, and her sister Sughra Khaliq, who has trained beauty and healthcare professionals worldwide. The pair decided to launch the company after Sughra found

it impossible to find stylish, good quality uniforms that fit correctly.

Ameerah's new dental and healthcare range is a stylish and colourful collection; each garment has been designed with features such as side vents, action back pleats and elasticated waists, which allow freedom of movement and flatter the figure without being revealing.

The range is available in a wide range of colours and modern fabrics, which ensures that they will not fade or shrink. And because Ameerah uses the Gerber sizing system, which is used by high street stores, if a woman is a size 14 at Marks & Spencer, she will be a size 14 at Ameerah.

All of Ameerah's designs can be tailored to incorporate corporate colour schemes and embroidered or badged logos and the company is happy to source specific colours and fabrics – regardless of the size of order. The range included traditional looks and colours as well as fresh designs and modern shades. The stitching is strong and the fabric can be washed and ironed time and again without shrinking or fading.

The company can cater for everything from large contracts to individual orders. It also offers a bespoke tailoring service allowing practices to create uniforms that complement their corporate identity.

**Reader response number 58**



## ADDED PROTECTION FOR PULP

R&S Supracal from Dental Sky is a radiopaque hydrogen peroxide paste which can be used for direct and indirect pulp capping. It can be useful when used as a base underneath glass ionomer and composite restorative materials to provide added protection for the pulp, particularly in deep cavities.

Due to its high pH of 12.9, Supracal reduces irritation to the pulp which can lead to pain. Supracal is also a useful temporary root canal filling material. The quick drying material is supplied ready mixed to save time and is easily extruded from the syringe through a needle tip (supplied) directly to the point of application.

**Reader response number 59**



## LONG LASTING DIAMOND BUR

Prima Dental manufacture a range of five burs specifically designed to make endodontic work easier. The Endo Access Bur combines a round and taper shaped coarse diamond which allows ready access into the pulp chamber and preparation of the chamber walls in one operation.

The safe ended tip diamond bur is used to remove the pulp chamber roof without damaging the chamber floor. The specialist long taper shape is ideal for opening the pulp chamber to a funnel shape and gaining access to the root canal entries. The unique multi-layer diamond application process results in a longer lasting diamond bur, while the safe-end (non-cutting) tip prevents perforation of both the pulp chamber floor and root canal walls.

**Reader response number 60**





**NEW RANGE OF TOOTHBRUSHES LAUNCHED**

Curaprox believes plaque removal using an appropriate toothbrush is the first line in preventative care. However, realising that hard bristles can cause gum damage, the company have developed a range of soft bristle brushes for effective, gentle cleaning.

The CS1560 is a perfect introduction for patients, featuring a softer head than on traditional brushes. The CS3960, with 3960 filaments, is an intermediate brush which will clean effectively while the patient learns to exert less pressure, helping to keep the gum-line intact. The CS460 has a dense number of fine filaments, making it the softest in the series.

Finally, the CS Surgical is designed for post-surgical plaque control, with over 12,000 filaments. There is no risk of gum trauma as only smallest amount of pressure is needed.

**Reader response number 61**



**NEW COSMETIC DENTISTRY GUIDE**

The Cosmetic Dentistry Guide is a new website for cosmetic dentistry and information, viewed by over 140,000 visitors a month. The Guide was built as an informational site where patients can learn about cosmetic dental procedures and find a local cosmetic dentist. It covers areas such as dental implants, teeth whitening, dental bridges, smile makeovers, porcelain veneers and clear braces.

The website offers patients news updates about the latest innovations in cosmetic dentistry, direct access to ask a cosmetic dentist questions and an interactive forum that both patients and dentists can participate in. To find out more visit [www.cosmeticdentistryguide.co.uk](http://www.cosmeticdentistryguide.co.uk).

**Reader response number 62**

**ACCURATELY CONTROL YOUR HANDPIECE SPEED**

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.

Bien-Air's MX electric micromotor offers high 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 also has a unique quick hose coupling for a faster connection.

**Reader response number 63**

**PLAQUE BIOFILM REMOVAL**



The Orthodontic Tip from Water Pik has been specifically designed to improve the removal of plaque biofilm from around brackets and archwires of orthodontic braces. The unique Orthodontic Tip has a tapered brush to remove plaque biofilm, bacteria, and food debris that adheres to the brackets, while also cleaning both interdentially and subgingivally.

**Reader response number 64**

**REGENERATIVE TISSUE MATRIX**

Alloderm, available from implant company BioHorizons, is a regenerative tissue matrix offering advantages for both patient and clinician compared to a connective tissue autograft from the patient's palate.

Introduced in 1994 for treating burn patients, AlloDerm has proved its versatility and safety in many diverse procedures in general, orthopaedic, urogenital and dental surgeries.

Alloderm is an acellular dermal matrix derived from donated human skin that undergoes a multi-step proprietary process to remove both the epidermis and the cells that can lead to tissue rejection. It has been used in a wide variety of soft tissue grafting procedures such as root coverage, soft tissue augmentation and guided bone regeneration, with a consistent record of excellent results.

With AlloDerm you can treat multiple sites in a single surgery and are not limited by the amount of tissue you can harvest from the palate. It also gives you an option for treating patients who have inadequate harvestable tissue due to age or compromised health, or who simply prefer not to have a palatal harvest. It reduces patient reluctance to follow through with surgical treatment and provides consistent quality.

**Reader response number 65**

