

BELT AND BRACES BONDING

To further complement GC's new composite restorative G-ænial, the company has developed a one component self-etching light cure adhesive, Gaenial BOND. With a belts and braces approach, G-ænial BOND offers the best of both worlds: the simplicity and reduced post-operative sensitivity of a self-etch adhesive together with the greater bond strength that was traditionally found only with etch and rinse adhesives.

As a one bottle self-etch bonding agent, G-ænial BOND can be used to self-etch both enamel and dentine, however, to further enhance the bond phosphoric acid can be applied on enamel for ten seconds prior to the application of G-ænial BOND. Selective etching is secure with G-ænial BOND. Test results have shown that there

is no decrease in bond strength to etched dentine, therefore there is no adverse effect if the etchant inadvertently reaches the dentine while etching the enamel. With a selective etching approach, G-ænial BOND offers the best of both worlds safely: the simplicity and reduced post-operative sensitivity of a self-etch adhesive together with the greater bond strength to enamel that was traditionally found only with etch-and-rinse adhesives.

The dimethacrylate monomer increases G-ænial BOND's permeability into enamel and dentine, while the increased level of phosphate ester monomer optimises etching. The resulting nano-interaction zone and the HEMA-free formulation are key factors for the superior and long lasting bond strength.

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DEBUT FOR PLINTH DENTAL

Plinth 2000, leading British supplier of treatment couches and chairs to the healthcare sector, is making its debut at the British Dental Conference and Exhibition in May, with a new range of world-class dental sets and equipment. The Suffolk-based company has secured a distribution agreement with Gnatus of Brazil, South America's largest manufacturer of medical-dental equipment, to supply its innovative dental sets, handpieces and accessories in the UK and Ireland. The occasion is being marked with a chance for stand visitors to win one of Gnatus's latest Jet Sonic BP ultrasonic piezoelectric scalars, valued at around £500.

The company's newly-created Plinth Dental division is displaying three key

Gnatus products at the BDA show. Exhibited on Stand A7 will be the class-leading Syncrus HLX Full dental set, with ergonomic chair, delivery unit, central control panel, LED dental light, water supply and matching stool. There is also a budget-level Pop Star LSF set, offering practicality, ergonomics and style at an affordable price, combined with the technical excellence of the Gnatus brand. Completing the Gnatus line-up on display will be the Jet Sonic bicarbonate jet scaler, one of which will be won by a lucky show visitor leaving a business card or completing an entry form, at the Plinth Dental stand. The Jet Sonic brings together a peristaltic pump, removable water reservoir, digital control panel and ultrasound transducers, with a wide choice of detachable and autoclavable handpieces.

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DIFFUSION POLYMERISATION

Accolade PV Veneer Placement System from Evident includes a unique try-in paste, which is placed directly on the silane, allowing the veneer to be simultaneously tried-in for fit and colour. Accolade PV's try-in paste and bonding composite are the same material, however the try-in paste has no light sensitive initiators, allowing accurate colour evaluation with nearly unlimited try-in time.

Using a composite rather than a glycerine-based try-in material speeds up the procedure and eliminates the possibility of contamination by the try-in material. After try-in, simply remove at least 50% of the try-in paste and replace it with the normal catalysed Accolade PV composite. The remnant try-in material is polymerised by 'diffusion polymerisation', a technique that is unique in dentistry.

Reader response number 64

FULLY INTEGRATED IMAGING SOLUTIONS

The ART of practice management is to Attract, Retain and Treat more patients and underpinning the successful uptake of treatment plans is the chairside explanation of treatment options. The seamless integration of digital imaging hardware with clinical records aids this process and EXAMINE^{PRO} Software of Excellence offers practitioners the ideal solution.

With over 20 years' experience in UK dentistry Software of Excellence is renowned throughout the industry for EXACTTM - one of the leading practice management systems in the UK. This background gives Software of Excellence the knowledge and experience to provide proven digital imaging solutions through EXAMINE^{PRO}.

EXAMINE^{PRO} places all images into a single imaging database including X-rays, jpegs, scanned images and intra-oral camera images regardless of their source enabling you to combine images from a range of equipment from different manufacturers to best suit your needs. All images can be viewed as an integral part of the patient chart meaning you can see all the restorative information as well as the location and age of all films and images.

Software of Excellence's digital imaging solutions set the industry standard for high quality imaging and with quick and easy transmission to a computer screen, and with seamless compatibility with the functionality of EXACT, you can aid patient explanation and encourage the uptake of treatment plans.

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