

## Canal preparation



RECIPROC, from Quality Endodontic Distributors Ltd (QED), is not just a new file, but also a new concept in canal preparation. The company is confident it can help you save hundreds, if not thousands, of pounds per year.

Described as the first one-file system where no glide path is required (in most cases), it works with a reciprocating action, which is driven through the VDW Silver Reciproc motor, which can also be used with conventional rotary file systems.

The system is made from M-wire NiTi, which is said to be stronger and more flexible than standard NiTi. There are three files in the range, which all have a regressive taper, which means that the apical portion of the file has the greatest taper. The file sizes are R25 (08/25), R40 (06/40) and R50 (05/50). Each of which is available in lengths of 21mm, 25mm and 31mm. The system also has matching gutta-percha and paper points.

Supplied sterile, in blister packs, the system is exclusive to QED.

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## Minimal intervention treatment solutions

GC'S Gradia Core and Fiber Post system adds another dimension to the company's growing Minimal Intervention Programme, by allowing you to complete an aesthetic core and post luting with minimum tooth preparation.

With the smallest possible post size, the remaining tooth structure is maximised, with the result of less stress and an avoidance of weakening of the root, which may be a cause of root failure.

Conveniently dispensed by way of an auto-mixing tip, Gradia Core is dispensed directly into the canal and direct core build-up. Being thixotropic, the material will not slump, which is particularly useful when used in the upper jaw, and as it is a complete luting and core build-up material in one; the core can be formed in just one appointment.

This dual-cured material is highly filled (75 per cent), promising strong support for the prosthesis. In addition, shrinkage is minimal to avoid stress factors. Being radiopaque, the product is also said to be easy to detect on radiographs.

Additionally, the Posts contain a light transmission element to accelerate the curing, which is particularly useful in deep canals.



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## Price reductions on selected products

X-GLASS, from UnoDent, is described as an effective, resin-free, biocompatible and radiopaque glass ionomer.

The product is reportedly easy to handle and non-sticky, so placing the perfect restoration is simple. It is also fast setting, which means that patient chair time can be significantly shortened.

From January to February 2014, products from the X-Glass range are available from The Dental Directory at 25 per cent off of their regular price.

For details on these discounts and the range of products available, please circle the reader enquiry number.



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## "Pain-free" endodontic treatment

ENDOCARE promises superb treatments and an unparalleled level of care for your patients. From the first moment a patient walks through the door, the company aims to make their experience as pleasant and as comfortable as possible. The practices are all designed to put patients at ease, and the team aims to provide the best level of care possible.

The company has brought together a group of specialist endodontists, all of whom are widely published in the dental press and are actively involved in teaching. The team aims to look after your patients in an efficient and caring manner, returning them to you pain-free, confident and happy with the quality of treatment they have received.

The company is confident it can become an invaluable member of your dental team.

Please circle the reader enquiry number for further details.



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## Diamond discounts throughout January



– it won't stick to metal instruments and the restoration will set quickly. No light curing is required as the restoration is chemically cured and rapid-snap set into position. According to the company, the restoration is completely waterproof once the chemical snap set is complete and will not expand and create patient sensitivity.

The Capsules are individually packed in foil and are suitable for Class I and II restorations,

together with build-up fillings and linings, core build-up and retrograde root fillings. They are also available in three tooth colour shades.

For more information, please circle the reader enquiry number.

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KEMDENT'S Diamond Rapid Set Capsules are reportedly proving very popular with dentists because they are fast, convenient and easy to use. In January, when you buy 80 Diamond Capsules, you will get 40 for free.

The pliable, packable consistency of the product is said to make it easy to carve

## Helping you to cut costs, not corners



WHATEVER your endodontic requirements are, be they manual or mechanical endodontic instruments, reamers, GP points, etc., you will find a wide selection of products in Plandent's portfolio.

To further enhance its range, and your choice, the company produces a selection of own brand products, under the label of Orbis. Orbis stainless steel hand files are priced at £3.49 per pack; Orbis Paper Points are £1.56 per pack; and a pack of Orbis GP Points are £1.80, whatever size you choose. Although the prices may seem cheap, the products are said to be manufactured to the very highest specification, without compromise.

For more information about the product range, please visit the company's website or circle the reader enquiry number.

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## Cordless equipment

QUALITY Endodontic Distributors Ltd (QED) is the sole UK distributor for the Superendo B&L-beta cordless backfill obturation delivery device and Superendo B&L-alpha II cordless vertical compaction device.

The Superendo B&L-beta promises fast and easy delivery of warm obturation material for the endodontic backfill technique, facilitating rapid obturation of even the most difficult root canals. It features variable temperature settings; a rechargeable lithium-ion battery; and a choice of needle size – 23g and 25g, with a 360° swivel.

The Superendo B&L-alpha II device is the latest addition to the cordless range of endodontic equipment available from the company.

Supplied with three tips, the device features multiple temperature settings (150°C, 180°C, 200°C and 230°C) to accommodate both gutta percha and resilon. It incorporates a rechargeable lithium-ion battery and comes with a tip, so it is immediately ready to use, with a range of optional tips available separately.



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## Endodontic cement root canal treatment

THE N2 method was developed in the early 1950s, based on the assumption that only a gas was capable of reaching all branches of the root canal system, and named after Swiss dentist, Dr Angelo Sargenti. The antiseptic element of the root canal cement, N2, is paraformaldehyde.

Dr Robert Teeuwen, a German practitioner of the Sargenti technique, has performed and documented 16,108 endodontic treatments with N2. Only five treatments required more than one appointment.

The N2 method comprises:

- No canal rinsing.
- The use of the reamer as the sole root canal instrument.
- Rubberdam for safety.
- The use of the strongly antimicrobial N2

as root canal filling material (the powder contains five per cent formaldehyde).

- Root canal treatment in one appointment.

The endodontic cement is available from Hager & Werken.



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