

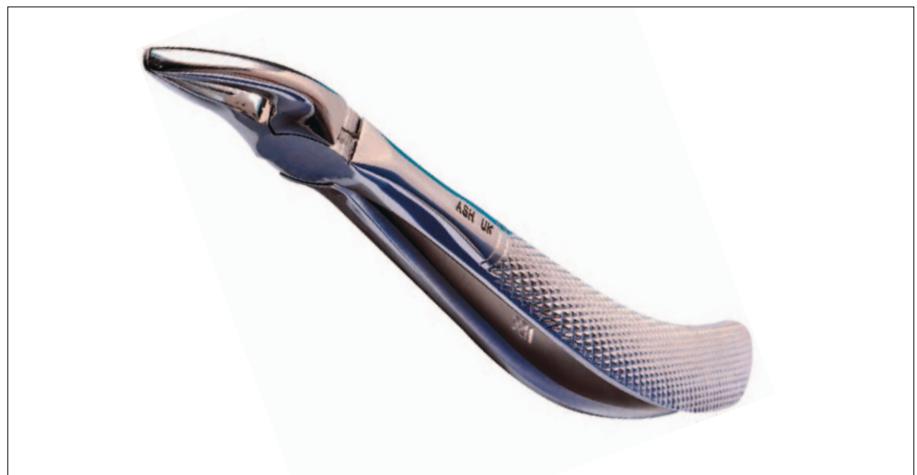
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Aesthetic restorations Forceps and elevators

Cerec 3D from Sirona Dental Systems can be used for aesthetic restorations such as inlays, onlays, crowns and veneers.

The resultant biocompatible, metal free ceramic restoration is accurate in both shade and fit, according to Sirona. The company is holding evening presentations during which the system is explained in full by a qualified Cerec specialist. For more information contact 020 7544 8630 or email: info@sironadental.co.uk.

Reader response number 50



Ash Lustra Forceps and Elevators are subject to a vacuum heat treatment which ensures the correct hardness is achieved without brittleness allowing the product to withstand the stresses of clinical use, according to the company. They can be

cleaned as usual and all forceps should be lubricated prior to sterilisation.

The Ash sharpening kit is also available for use on all Ash Luxation Instruments for use when required.

Reader response number 52

New LED light

New LED polymerization light bluephase from Ivoclar Vivadent, combines LED technology and high-performance halogen lights.

The ergonomically designed, gun-shaped light can be operated cordlessly and has three programmes to cover all indications.

It is equipped with a lithium ion battery which allows continuous polymerization during the entire operation period of the battery (60 minutes).

Reader response number 51



Safe needle destruction

Point Blank is an electrically powered Needle Destruction Unit (NDU) on a mains-powered base charger.

The NDU itself has its own rechargeable batteries and fits into a briefcase, becoming a fully mobile needle destruction facility.

The used needle (up to 0.9mm dia.) is pushed into the centre of the yellow panel, making contact with the internal electrodes.

Resistive current heats the needle to 1350° centigrade, vapourising the needle's metal and rendering its remains completely sterile, according to the company.

The process takes less than a second and as a further safety measure the melted 'stump' permanently seals the syringe itself, permitting disposal in a standard yellow bag.

The integral cartridge retains the needle's remains for safe disposal. A full cartridge (takes up to 1000 needles) can be easily removed for standard yellow sack disposal. When full, it can be disposed of as low-risk waste.

Point Blank requires no maintenance, is manufactured by Morgan Automation Ltd and is available from Technical Solutions of Bishopstone.

Reader response number 53



ENDODONTICS

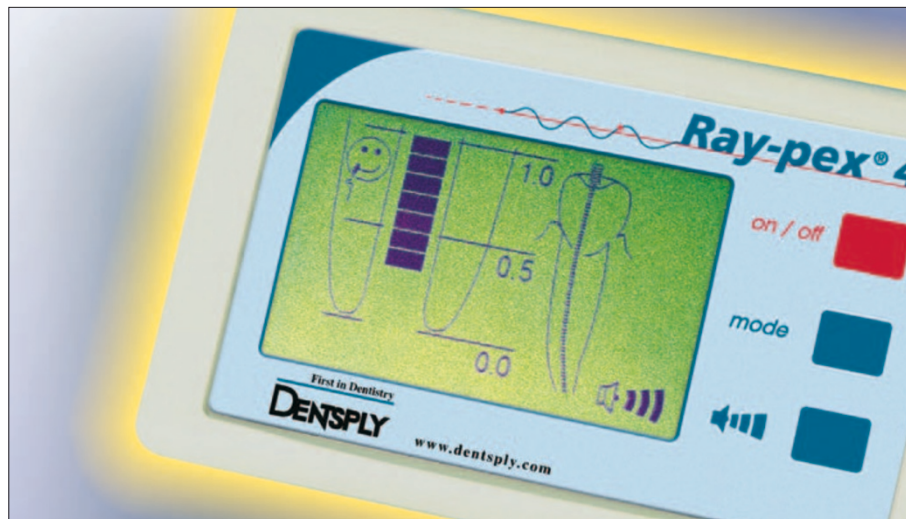
Exact location

The Ray-pex 4 is a microprocessor operated apex locator from Dentsply which allows the endodontist to exactly locate the apical constriction and the apical foramen, according to Dentsply.

Its features include illustration of live penetration of the file along the root canal and a large screen with high contrast and clear visualisation of the file penetration in the entire canal.

In addition, audio signals accompany visual imaging (blind measuring) and it can provide a separate projection of the last apical portion operational in any state of the root canal.

Reader response number 54



Optimum cutting

Lightspeed from Septodont has a circular tip which enables the practitioner to clean the whole canal.

Its tips plane rather than drill and ensure that there is no zipping or ledging.

The cutting blade has a U-shaped cross section and the rake angle between the blade and root surface is neutral to ensure optimum cutting properties.

Reader response number 55



Catalogue launched

Minerva Dental Ltd has recently launched its new Endodontic Catalogue for 2003/2004.

It includes a broad selection of hand and rotary instruments, colour coding accessories, rubber dam products, endodontic handpieces and apex locators. This includes details of all the most popular consumables including gutta percha, paper and silver points.

Reader response number 57



Endodontic obturator system



Soft Core from Deproco is a sterile thermoplastic gutta percha obturator system with an easily detachable handle.

It needs no pre-heating and is easy to maintain and clean according to its manufacturers. The product has the capacity for two obturators and the obturators come in a pack of six which contains both obturators and size verifiers. It is available from Henry Schein.

Reader response number 56

No jamming

SironiTi is a contra-angle instrument that can fit on any electric micromotor dispensing with the need and additional cost of bench-top modules and separate foot controls, according to Sirona Dental Systems. By selecting the torque setting appropriate to the NiTi system used, the dentist can operate with full rotation with the knowledge that instrument will not jam or separate.

Reader response number 58



Specialist micromotor

The ATR Tecnika Motor is a specialist endodontic micromotor which combines low rotation speed torque control.

It automatically selects the correct speed and torque for each individual instrument in the protocol being used and is fully programmable with an auto reverse facility.

The motor can also be connected to the Internet to download updated protocols and is supplied with the W&H mini-head 16:1 push button hand-piece.

It is available with both a ProFile or System GT Rotary introductory package.

Reader response number 59



3D fill

Thermafil provides a three dimensional fill of the root canal, giving apical seal of the root canal including lateral canals and fills long and narrow canals.

It is a tapered plastic carrier covered in alpha phase gutta-percha. Thermafil is heated with the Thermaprep plus oven, which takes 15 seconds to heat and place using a small amount of force and extended working time sealer.

It sets in minutes and the top of the Thermafil can be cut off with the Therma cut bur. At this stage, the tooth is ready for restoration.

Reader response number 60



Endodontic range from Steriblue

Steriblue products have been designed by dentists, according to the company. The range includes IsoTaper Paper and IsoTaper GP points which can be used for canals prepared with taper files as well as conventional colour and plain ISO points.

Bluefreeze spray can be used for vitality testing. Each can contains 200ml and cools pellets to -50°C instantly. It is now available in mint, orange and lemon flavours as well as neutral.

Finally, the Planete Endo can be used for holding files and points during treatment. The holder can be switched for left or right handed use, has an integral measure and is autoclavable to 134°C. The Steriblue range is available from F.E. Cardozo.

Reader response number 61

