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## ShadeEye-NCC

Shofu's ShadeEye-NCC takes the guesswork out of determining the exact shade of a tooth or porcelain. With a built-in sensor and xenon light source, the ShadeEye-NCC completely eliminates colour influences from surrounding lighting, décor, oral tissues and makeup. Being completely portable the ShadeEye-NCC can easily be shared between surgeries cutting down on cost. The measuring unit displays the results on screen, clearly and precisely whilst transmitting the data via infrared to the main unit, allowing you immediate access to a hard copy of the results. You can link the ShadeEye-NCC to your PC or laptop. This equipment prints a 'recipe' of the exact mixing ratios for Shofu's Vintage Halo porcelains and calculates the best match for other popular porcelains on the market. The easy to install ShadeEyeView PC software allows you to view patient data, measurements and images on screen. This data can then be transferred onto patient's records and digital photography.

**Reader response number 52**



## Soft tissue diode laser

The Soft tissue diode laser from DMDS weighs just 2.5kg and is small enough to fit into a briefcase, making it easy to move from surgery-to-surgery. The applications are numerous, from gingivectomy and crown lengthening to laser curettage with everything else in between including: operculectomy, oral papillectomy, exposure of interrupted teeth crown lengthening, removal of fibromas, tissue retraction for impression, vestibuloplasty, laser assisted, bleaching, excision and incision biopsies, haemostatic assistance, aphthous ulcers, frenectomy, gingivectomy, gingivoplasty. The laser is directed through a jacketed glass clad silica fibre, both this and the handpiece are fully autoclaveable for complete sterilisation. With a wavelength of 808(+/-) 5 nanometers and 2.5 watts of power the Soft Tissue Diode Laser is extremely effective. You can choose from either a continuous wave or pulsed depending upon your chosen application.

**Reader response number 53**

## NewTom 3G



The NewTom 3G is a new dentomaxillofacial CT scanner, designed for dental practices. Introduced as a top-of-the-range scanner with more imaging possibilities than the existing NewTom 9000, both machines use CBVT (or Cone Beam Volumetric Tomography) technology and a low-energy x-ray tube, similar to that found in dental panoramic machines. This makes 3-D radiography much safer for dental patients as the radiation incurred is only about 50  $\mu$ Sv, or

around 80% less than a scan from a typical full-body hospital scanner. NewTom's information-rich 3-D imagery can improve diagnosis and treatment planning in many areas, more confident implant surgery is just one of its benefits. To discover more about its exciting clinical and business opportunities, contact CT in Practice - a partnership of experts dedicated to making on-site CT scanning a viable proposition for dentists.

**Reader response number 50**

## Telecam Hawk

The Telecam Hawk from DMDS QuickWhite is a clear and versatile intra-oral camera that allows you to enhance your treatment plans and enable complete communication with your patient. Patients can understand treatment explanations far more clearly by seeing their own mouth displayed. This small portable unit incorporates a lightweight and perfectly balanced single lens handpiece for intra-oral access 1 mm from a tooth to a full smile. You can display magnified x-ray images and the built-in single/four 8 frame images capture has proved to be extremely useful. The auto iris for light intensity control eliminates reflection and glare ensuring true colour on all intra-oral images. The latest CCD chip and CCU processor with built in LED illumination produces a high-resolution depth of field of 480 lines which allow for a 752 x 582 resolution. Complete with foot pedal, protection sheaths, light auto on/off holder, video cable, charger, power lead and full instruction manual the Telecam Hawk is made to suit your own personal requirements. DMDS QuickWhite are currently offering a special promotional offer price of £1,999 including VAT and a 14" colour TV. For further information contact DMDS QuickWhite on 01227 780009 or visit [www.quickwhite.info](http://www.quickwhite.info)

**Reader response number 51**



# IMPLANTS

## Astra Tech's OsseoSpeed

Experimental and clinical studies of Astra Tech's OsseoSpeed Dental Implant have revealed its unique properties, when supported by Astra Tech's MicroThread implant design, for the preservation of marginal bone. The combination of Fixture MicroThread and Astra Tech's TiOblast surface already provide a secure and reliable support in implant therapy. Observations in early studies indicated that enhanced rates of bone formation and increased ratios of bone-to-implant contact were due to the Astra Tech OsseoSpeed fixture surface, which features a fluoride modification of the titanium dioxide layer. Test and control implants to evaluate the influence of this surface on bone healing were placed in animals, and biopsies taken at two and six weeks following the implant installation. Results indicated that two weeks after installation the defects were partially filled at both test and control sites with immature bone. At six weeks they showed substantial bone formation in marginal defect sites, while significantly more bone had formed in contact with the OsseoSpeed implant surface than at the control surface. This finding indicates that healing around implants with the OsseoSpeed surface in compromised sites is different from that around non-modified implants, and that the OsseoSpeed implant surface promotes the formation of new bone more rapidly. For further information call Astra Tech on 01453 791763.

[Reader response number 55](#)



## Bicon dental implants



Bicon is one of the fastest growing implant systems in the world. Unlike other dental implants, the Bicon System requires only two parts. There are no screws, torque drivers, impression posts or special copings. The restoration of the Bicon implant is the same as that of a post and core. Instead of screws, a locking taper joins the Bicon implant to the Bicon abutment. The locking taper or friction is a well-known engineering principle that is used in orthopaedic hip replacements; dentists use it each day with their dental lathes. The metal-to-metal contact means that there is no rotation and no bacterial leakage once the abutment is properly tapped into the implant. No rotation means that the design and execution of treatment plans are simpler and more predictable. Denture restorations are just as straightforward. With the use of Bicon's o-ring overdenture abutments the prosthesis can be fabricated 100% chair-side with no laboratory involvement or costs. One stage surgical techniques significantly reduce patient discomfort, actual chair-time and duration of treatment. New practitioners are given free training and free kit with 35 implants. For more details, contact Sue Hood on tel: 01473 829299

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## Implant cleaning solutions from KerrHawe

The popular use of titanium and titanium alloy implants require regular maintenance to ensure the longevity and success of the implant. Due to the soft titanium surface, using metal cleaning instruments can cause scratching of the delicate implant structure resulting in plaque accumulation, which may in turn cause damage to the soft tissue. KerrHawe have developed a solution with the Implant Deplaquer instruments. They are made of high-tech plastic, with sufficient strength to remove plaque and calculus from the implant neck without leaving scratch marks. These specially designed, autoclaveable instruments can be sharpened in the usual manner and the perfectly shaped instrument blade allows implants to be cleaned from all sides. For more information call KerrHawe on tel. 01733 892292 or contact your preferred dealer.

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## Ivoclar Vivadent

There's a Virtual precision impression material, from Ivoclar Vivadent, for every indication and technique - putty/wash, heavy/light body, monophasic or fast setting bite registration. With a Reality Four Star Award, Virtual combines precision, ease of use and patient comfort with high accuracy and dimensional stability for long-lasting results that capture all the detail. It has a proven hydrophilicity, even when unset, and wash materials that exhibit excellent wettability, spreading easily and adapting smoothly to moist surfaces. They also readily displace fluids from grooves etc, resulting in precise reproduction of fine anatomical detail. The result is impressive impressions of extraordinary precision. The contrasting colours (sea-blue tray material, caramel wash) have been specially selected to enhance readability. Easy to remove from the mouth, Ivoclar have developed an exceptionally precise impression material, with excellent detail reproduction and a dimensional stability that enables multiple models to be cast, even weeks later. Easy to disinfect, it has a superior elastic recovery from deformation and excellent tear resistance. Available in five viscosities there's a combination or material for every indication and technique. With a Virtual snap set to save time and reduce the risk of distortion, the impression materials are available either fast or regular set. For further information contact your local representative, visit [www.ivoclarvivadent.com](http://www.ivoclarvivadent.com) or telephone 0116 284 7880.

**Reader response number 57**



## General medical procedure packs



General Medical offer a range of sterile procedure packs to meet all requirements. The Universal Pack for minor oral surgery procedures offers excellent value while the Basic Implant Pack contains everything for implant procedures for as little as £15.95 per pack. The De-luxe pack is competitively priced and contains a full range of components for all procedures. General Medical can also offer custom packs to your specification at excellent prices. All General Medical components are available as separate items including gowns, drapes, plastic covers, masks, hats in various styles, suction tubing and tips plus much more. For further information contact General Medical.

**Reader response number 58**

## Take the guesswork out of implantology

Ivoclar Vivadent are pleased to announce that their innovative SR Vivo TAC and Ortho TAC teeth now have an even higher radiopacity. This makes pre-surgical radiographic evaluation of the alveolar ridge even easier, enabling technicians and clinicians to communicate more successfully and take the guesswork out of implantology. They can be combined with heat or cold cure polymers to create high quality aesthetic and functional stents for pre-surgical diagnosis; allowing the clinician to accurately determine the placement, location and angulation of implants. They can be used for precision planning of both fixed and removable implant retained restorations. Their high radiopacity ensuring that they are clearly identifiable on pre-operative radiographs, enabling the clinician to establish the axial implant relationship to the underlying bone substance. Because the moulds are identical to the corresponding Vivodent and Orthotyp moulds their use also saves time in the creation of final removable dentures. SR Vivo TAC and Ortho TAC compliment the BPS (Biofunctional Prosthetic System) which is available from BPS Accredited Laboratories, who have attended the appropriate courses and use Stratos articulators, the innovative SR Ivocap injection moulding system and Vivodent teeth to create the ultimate in aesthetic and function removable restorations. For further information contact your local representative, visit [www.ivoclarvivadent.com](http://www.ivoclarvivadent.com) or telephone 0116 284 7880.

**Reader response number 60**



## Excellent restorative techniques

In many clinical cases implants offer the perfect restorative answer, not only to complex cases but also in the case of many single tooth replacements. Straumann UK are committed to developing knowledge of implants and awareness of their wide ranging applications, which can offer practitioners a complete treatment solution and provide an excellent aesthetic result.

Straumann UK run a level one, two-day course 'Foundation in Restorative Implantology' which provides an introduction to the use of implants and the clinical situations in which they may be the treatment of choice. The course, which has practical, theoretical and technical elements provides practitioners with an appreciation of the wide ranging application of implants. These courses will run on a nationwide programme throughout 2006. For your copy of the Straumann Education Programme 2006, please contact Donna Finnis Course Co-ordinator on 01825 760686.

**Reader response number 59**



## RCM6 collagen membrane

ACE RCM6 Resorbable Collagen Membrane, from Trycare Ltd, has a longer resorption time for sustained function in bone repair. It is also extremely competitively priced and offers exceptional value for money. RCM6 Resorbable Collagen Membrane guides healing of bone and surrounding tissues. With its 26-38 week resorption time it lasts longer than its main competitor and has a higher mechanical strength for membrane stability. Easy to trim for an accurate final fit, it can be placed with either side against the tissue or bone, making it quick and easy to apply. RCM6 has a unique fibre orientation providing a high tensile strength which means it is easy to place and less likely to tear. Cell occlusive, it is designed to retard and/or prevent epithelial down growth. RCM6 is available in various sizes and is used to aid immediate implant loading, bone regeneration around implants, healing at extraction sites, ridge augmentation, sinus lifts and apical root resection. For further information call 01274 881044.

**Reader response number 61**

