

### COATING PROMOTES RECOVERY

The new Brushite bond by DIO Implant is an advanced infusion technique, combining specialist RBM surface treatment with a special bond in order to solve exfoliation problems.

It is transformed into a very stable calcium phosphate compound and significant improvements in stability have been achieved by providing an increased amount of calcium ions ( $\text{Ca}^{2+}$  and  $\text{PO}_4^{2-}$ ) to the implant, accelerating steogenesis and mineralisation.

The advanced Brushite coating increases the blood osteoblast count on the implant surface and accelerates and enhances osseointegration between implant and bone. The coating speeds up osseointegration by dissolution and promotes recovery by encouraging bone formation around the implant.

DIO Implant is offering coated surface



options for its most successful dental implant ranges. The hybrid implants (BioTite-H) receive a dual surface treatment consisting of a biocompatible Brushite cap and advanced RBM surface roughness.

BioTite-H is available in implants ranging in size from mini-implants to extra-wide implants, making the benefits of Brushite technology available for all implant cases regardless of bone quality.

**Reader response number 59**

### NEW PARTNERSHIP LAUNCHED

Straumann has recently announced a new partnership with Ivoclar Vivadent to offer state-of-the-art aesthetic solutions for restorative and implant dentistry. Under the agreement, Ivoclar Vivadent will supply its IPS e.max ceramics to Straumann for the construction of both tooth borne and implant restorations.

As part of the latest development of this new partnership, Straumann have launched IPS e.max CAD restorations by Straumann CAD/CAM. This innovative lithium disilicate ceramic, when used with Straumann CAD/CAM's versatile, user-friendly software, allows the dental technician to create aesthetic copings and full crowns in material that delivers truly aesthetic results.

Straumann CAD/CAM offers an array of restorations including bridges of up to 16 units, Maryland bridges, inlays/onlays, telescopic crowns,



Hader bars, precision attachments, veneers and much more.

The array of high-tech materials available includes Straumann CAD/CAM IPS e.max, which combines strength with translucence, Straumann Zerion, a highly biocompatible zirconium dioxide material for superb natural aesthetics with high strength, and a choice of bio-alloys in Straumann Ticon and Straumann Coron, all supported by Straumann polycon, a plastic ideal for temporary restorations.

**Reader response number 60**

### LOW DOSE SCANNING CYCLE

The new Galileos Compact from Sident Dental Systems offers a convenient entry to 3D cone beam digital diagnostics, with the ability to upgrade for expansion. It offers functionality in diagnosis, and the planning and treatment associated with the Galileos Comfort, which also includes a Ceph facility.

Galileos 3D cone beam digital X-ray systems offer practices the power of integrated diagnostics and treatment planning via a single imaging system. It enables them to reduce risks, plan surgical interventions, coordinate treatment planning with colleagues and explain treatment to patients with clarity.

With cone beam technology, they can calculate a large volume 3D image set (over 200 exposures) in a single low-dose scan lasting 15 seconds or less. This 3D image set is then processed and displayed using their integrated Galaxis 3D software.

The Galileos Compact presents its 3D images in perfect image quality and facilitates easy navigation and diagnosis in traditional PAN and TSA presentations. The Galileos Comfort offers Ceph views too. Both are all-in-one diagnosis and planning systems which offer a very short, low dose scanning cycle for optimum speed and efficiency.

**Reader response number 61**



### FLOWABLE INNOVATIONS

Accolade PV Veneer Placement System available 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.

The 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 not only speeds-up the procedure but also eliminates the possibility of contamination by the try-in material.

**Reader response number 62**