

PERIODONTICS

Scaling tool

Siroair L is a new scaling and periodontal tool recently introduced by the German manufacturer, Sirona Dental Systems. The air-powered instrument features three different power settings that are regulated with the built-in control ring to suit each specific requirement.

Incorporating illumination as standard, the instrument fits to a coupling to integrate it into the dental unit thus eliminating the need for a separate foot control and water supply.

It is supplied as standard with six tips, three each for the scaling and periodontal functions.

Reader response number 54



Aiding healing

Gengigel Prof can be used to aid mucosal healing in inflammatory or traumatic conditions such as gingivitis, periodontitis, aphthous ulceration, dermatoses, atrophic conditions and post-surgical or tooth extraction trauma, according to Oraldent.

It contains 0.8% hyaluronan which has a strong affinity for water and binds to proteins and water molecules to create a viscous macro-aggregate. According to the company, the hyaluronan within Gengigel promotes the growth of healthy new tissue, thus accelerating tissue healing, repair and regeneration by encouraging the movement of restorative cells, especially fibro-

lasts from adjacent tissues, to the healing site stimulating the creation of collagen. The surface fibrin network is replaced by fibrous tissue and the wound is healed.

Reader response number 55



Bone grafting

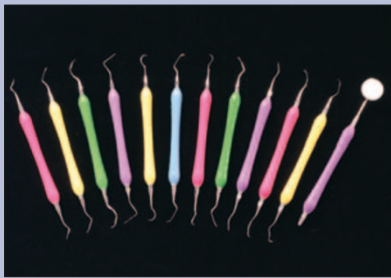
General Medical have introduced BBP and BioCera bone graft materials from Osteogenic Core Technologies, the bone-specialized bioengineering company.

BBP (Bovine Bone Powder) is natural bone grains with physical and chemical characteristics comparable to human bone mineral matrix. BioCera uses technology to coat biomaterials with a nano-crystal thin film of calcium phosphate and consequently, provides superior regenerative powers according to General Medical. They are available in a choice of particle and pack sizes with a 0.25 pack as the starter level.

Reader response number 57



Periodontal instruments



The Refinement Range of dental instruments from Dentsply Ash Instruments is designed to cause minimal disturbance to soft tissue, speeding the recovery process and increasing the formation of long junctional epithelium, according to its manufacturer.

Available in both Ceramicolor and silicone handles, they offer the clinicians increased comfort during therapy.

Reader response number 56

Periodontal handpiece from Durr

Minerva Dental Ltd claims that the Vector System from Durr removes biofilm, plaque, calculus, endotoxins and eliminates causal bacteria quickly and effectively.

The product enables clinicians to treat pockets up to 11 mm deep and polish the surfaces of teeth, restorations and implants. Vector has been designed to ensure that the instrument oscillates exactly linearly, parallel to the surface of the tooth,



without circling, swaying or knocking. Using appropriate interchangeable tips, Vector can be used for general prophylaxis as well as treating periodontal pockets, furcation areas and peri-implantitis. Alternatively by combining Vector Fluid Abrasive, containing 50 µm silicon carbide particles in a water suspension, and appropriate tips selective micro-invasive preparations can be created.

The product has been designed to ensure that the instrument oscillates exactly linearly, parallel to the surface of the tooth, without circling, swaying or knocking. The handpiece can be autoclaved up to 134°C while the compact base unit stores the various fluids which can be selected and administered either at the touch of a button or using the multi-functional footswitch. The instrument's energy is being gently transferred via an adhering coat of water which is continuously swirled around the instrument, without creating a spray. This enables the operator to effectively clean pockets, but without the risk of iatrogenic trauma.

Reader response number 58

Barrier to aid bone regeneration

The Capset Calcium Sulphate Bone Graft Barrier from Lifecore can be used as a resorbable barrier over bone grafting material to aid bone regeneration. When mixed it forms a soft paste that is easily molded and shaped over the operative area. Once set it forms a hard strong cover that resorbs in about 6-8 weeks.



Available from Trycare Ltd each Capset Kit contains a proprietary formulation of Calcium Sulphate and an accelerating solution.

They are available in one, two or three gram packs, which also include a 0.25 gram reserve pack which can act as a binder when mixed with autogenous, allogenic or synthetic bone grafting materials.

For use around the necks of newly placed implants, a special 6 Pack containing 6 x 0.25 gram cups is also available.

Reader response number 59

Ligament knife from Trycare

The SDI Original Luxator is a specially designed periodontal ligament knife with a fine tapering blade that compresses the alveolar bone, cuts the membrane and gently eases the tooth from its socket.

The product was invented and designed by a dentist to make extractions as trauma free as possible. SDI Original Luxators are available from Trycare Ltd in seven patterns and can be purchased individually or in kits of four or seven different patterns.

Reader response number 60

