New PIEZOSURGERY® inserts for sinus lift by lateral approach

By Mectron S.P.A.

After 15 years, Mectron re-defines the sinus lift technique by lateral approach launching on the market 5 new PIEZOSURGERY® inserts developed in collaboration with Professor Tomaso Vercellotti, Italy.

Thanks to the new inserts shapes, the revisited protocol makes the technique even safer, minimizing the risk of membrane perforation. Particularly:

• the new SLC insert allows to perform the osteolasty of the sinus vestibular wall with maximum safety and unparalleled intra-operative control.

• the new high-efficiency SLO-H insert permits to execute the osteotomy procedures with the maximum safety.

• the thin new SLS membrane separator is more efficient in comparison with the old generation “elephant paw shade”.

• the new elevators SLE1 and SLE2, the first one to start the sinus membrane elevation from the sinus floor and the second one to finalize the sinus membrane elevation from the palatal wall, are featured by a sharp set of fibers allowing to cut Sharp-ey’s fibers from the endosteum with the maximum safety, protecting it thanks to the convexity of the tips.

The precision and the maximum evidence-based safety guaranteed by these piezoelectric inserts make this kit a wonderful addition to the surgical armamentarium for both novice and expert surgeons.

The inserts will be available separately as well as in a Kit with all five inserts dedicated to sinus lift by lateral approach.

Flow variations – The flow variant of the universal composite BRILLIANT EverGlow makes filling extremely simple

By COLTENE

Undercuts, sharp angles or cervical bevels present particular challenges when placing conventional composites. Therefore dentists will benefit substantially from an innovative dental material with an optimal thixotropic property and allows effortless positioning. The flowable consistency is particularly suited for treating areas with difficult access and saves valuable treatment time.

Rapid, voidless fillings

To complete the classical presentation form, the Swiss dental specialist COLTENE now additionally offers its BRILLIANT EverGlow submicron universal composite in a flowable variant. The low viscosity filling material combines convenient application with high stability. Among other things, BRILLIANT EverGlow Flow is ideally suited for filling areas with difficult access as well as for sealing fissures. Due to its flow properties, the restorative material fully comes into its own when filling cavity linings. The flow variant can be applied directly from the syringe to the bonded surface which saves material and time. The composite, which flows under pressure, can then be comfortably brought into the required position until curing. The exceptionally smooth consistency of BRILLIANT EverGlow high performance composite has already captivated many clinicians. Owing to its optimized composition of special fillers, the flowable material can be applied easily into all classes of cavities without sticking to the instrument. Not only that, it has long gloss stability and excellent polishability. BRILLIANT EverGlow Flow, a user-friendly and highly aesthetic flowable, rounds off the programme. Depending on the indication, dentists can in future choose a suitable variant from the extended product range.

Find out more

BRILLIANT EverGlow Flow, the versatile filling material, is available from dental wholesalers in a 2g syringe. Next to six universal shades, the flowable variant will also be available in a translucent enamel shade and an opaque material in shade A2. As usual, the assortment includes shades in the sophisticated ‘Duo Shade’ system which cover two classical VITA shades in one, ranging from A1/B1 to A4/C4.

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By COLTENE

State-of-the art, self-etching adhesive systems are easy to apply and boost the success rate significantly, especially within restorations in the posterior area. Simultaneously, they stand for predictable results, independent of the applied basic or the preferred application technique of the dentist. Coming to reliability and user-friendliness, research and development has now set new material standards.

Reliably adhesive agent on dentin and enamel

The new ONE COAT 7 UNIVERSAL was developed on the basis of the favored ONE COAT 7, and is a reliable All-in-One Bond for every indication. Whether self etch, selective enamel etch or total etch technique, a single drop bonds light-curing filling material quickly and is long lasting. ONE COAT 7 UNIVERSAL is an excellent adhesion promoter on enamel and dentin, thus is a guarantee for safe restorations even in extraordinary cases. With only a single bonding layer it provides consistent high bonding strength, excellent marginal sealing and excellent marginal integrity. These exceptional clinical values are convincing, even when compared with conventional system adhesives.

In conjunction with ONE COAT ACTIVATOR it is optionally also possible to use a chemically cured product. You will always be making the right choice with the light-curing single component adhesive ONE COAT 7 UNIVERSAL.

Ergonomic triangular bottle and single dose – Safe and easy

The universal bonding agent also comes with a new presentation form. The special triangular bottle with its excellent ergonomic handling, fits comfortably in the hand and the precision dropper allows precise and economical working.

ONE COAT 7 UNIVERSAL is available as introductory kit with a 5ml bond bottle including each gel and accessories. There are also practical single dose units for one-off use. These are also offered as refill packs in addition to the 5ml bond bottle.

ONE COAT 7 UNIVERSAL is an easy-to-use and easy-to-learn self-etch adhesive agent that can be used on any tooth type and can be mixed with any composite filling material. Thanks to the use of the innovative “IFTM” technology, the product provides strong bonding and excellent strength and high viscosity. ONE COAT 7 UNIVERSAL is designed for use on both enamel and dentin. It is easy to apply and ensures optimal marginal integrity and long lasting results.
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2019 AEEDC show hailed a success for Beverly Hills Formula

By Beverly Hills Formula

Once more, oral care experts Beverly Hills Formula were the stand out brand at this year’s AEEDC in Dubai. Each year, the Irish based company takes the trip to the three-day long exhibition, ensuring their bold and eye-catching branding helps them to attract thousands to their stand.

The brand maintains a strong presence at the exhibition show, which gives the team a valuable opportunity to access and engage with dental professionals and stockists in this region, showcasing their impressive portfolio of oral care products.

Currently retailing in UAE, Jordan, Lebanon, Oman, Qatar, Kuwait, Bahrain, Iran and Saudi Arabia, interest in the range of products has always been huge and unsurprisingly this year was no different. Already a market leader in the Middle East, the Irish based company have been expanding rapidly, thanks to their wide range of products that have truly made a difference to people’s lives. It is more than just bold packaging that has attracted a loyal fan base across the globe - the brand has developed truly ground-breaking and fascinating scientific formulations that has attracted a loyal fan base and continues to make a difference to people’s lives.

Thanks to years of dedicated scientific research, Beverly Hills Formula’s cutting-edge products are often on the receiving end of highly prestigious awards. They may be a small company, but their ranges certainly command huge attention – they are confident they are the best in the business, and it is difficult to disagree.

By Ivoclar Vivadent AG

Ivoclar Vivadent is introducing four new milling machines which, together with the innovative material and coordinated processes offered by the new Ivoclar Digital product portfolio, fulfil the exacting standards of modern dental laboratory and clinical technology.

**PrograMill One: the new benchmark**

PrograMill One is the world’s smallest 5-axis milling machine. It combines industrial manufacturing quality with high precision and modern design. In the innovative 5-axis turn-milling technique, the workpiece rotates around the tool. The feed remains constant, the tool never leaves the block. This ensures short milling times and minimal tool wear. Various validated processing strategies are available for different materials and indications. The machine’s wireless capabilities allow it to be operated from any location with the help of a special app for tablets and smartphones. The optical status display shows the current status of the machine. PrograMill One is coordinated with the scanners and design solutions from 3Shape. The unit has been developed for milling IPS e.max in particular.

**PrograMill PM7: dynamic flagship machine for laboratories**

PrograMill PM7 is capable of milling a large variety of materials in a wet and dry state. It is suitable for a wide spectrum of indications. The 5-axis milling process is controlled by means of an integrated PC with a touch-screen monitor. The material and tool changers work in unison so that the fabrication process proceeds independently and without interruption. The centralized management of the contents of the material changer and the tool magazine ensures that the correct milling strategy is used. An on-screen reduces the cleaning requirements when PMMA materials are processed. All in all, the PM7 offers a future-proof solution for manufacturing prosthetic restorations.

**PrograMill PM3/PM5: economical and precise**

PrograMill PM3 and PM5 are designed for wet-grinding and dry-milling procedures. They are capable of processing a wide range of materials for many indications. The fully automatic material manager checks the compatibility of the tools and milling strategies. The tool changer ensures consistent, uninterrupted manufacturing. The integrated 8-disc material changer of PrograMill PM3 allows you to accomplish several milling jobs involving different materials and indications at the same time. Individual machining strategies offer short process times for the respective restorations.

**Comprehensive range of accessories**

A comprehensive range of accessories supplements the new machine portfolio. It comprises software programs, a common base station, innovative colour coding to ensure the reliable handling of materials as well as a wide range of tools and special attachments.

IPS e.max® is a registered trademark of Ivoclar Vivadent AG.

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**New milling machines for the digital age**

**PrograMill: digital manufacturing of highly aesthetic restorations**

By Ivoclar Vivadent AG

Ivoclar Vivadent is introducing four new milling machines which, together with the innovative material and coordinated processes offered by the new Ivoclar Digital product portfolio, fulfil the exacting standards of modern dental laboratory and clinical technology. The new PrograMill machines are capable of manufacturing restorations from 3Shape and 5-axis dental CAD/CAM systems.

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New PIEZOSURGERY® inserts for sinus lift by crestal approach

By Mectron S.P.A.

Mectron introduces a new piezoelectric technique for sinus lift by crestal approach, launching on the market 3 new PIEZOSURGERY® inserts developed in collaboration with Professor Tomaso Vercellotti, Italy.

Thanks to the new inserts shapes, the new Piezo-lift technique facilitates the sinus lift by crestal approach making the technique even safer, minimizing the risk of membrane perforation, guaranteeing a safe membrane detachment and fewer post-operative complications for the patient.

This new protocol allows the membrane elevation by utilizing the cavitation effect (Piezo Lift) and the bone grafting into the sinus cavity, which is the least invasive technique for elevating the maxillary sinus floor prior to implant placement.

Particularly:
- the new PL1 insert allows the sinus floor reaching and a safe bony ring removal
- the new PL2 insert permits to excise the sinus floor consumption and the initial membrane elevation
- the new PL3 insert allows the removal of the sinus basal cortex and the elevation of the sinus membrane using the cavitation effect

Thanks to its shape, PL3 insert works like a piston inside a cylinder. This safe and predictable technique (at times no longer blind) allows to overcome the limitations of current methodology that highly depend on the individual operator’s skill.

The application of Piezo-Lift protocol allows treating even the most difficult cases, which present severe reduction of residual crest bone volume.

The inserts will be available separate as well as in a Kit with all three inserts dedicated to sinus lift by crestal approach.

IPS e.max ZirCAD Prime: redefining zirconia

Ivoclar Vivadent presents a highly aesthetic zirconium oxide in a “one-disc solution” for dental laboratories

By Ivoclar Vivadent AG

Only few brands have actually managed to revolutionize the dental market. IPS e.max is one of them. Now, Ivoclar Vivadent launches IPS e.max ZirCAD Prime, a material that is redefining zirconia.

Is there a disc that features high-strength and high aesthetics? A disc suitable to faithfully reproduce the seamless progression of natural dentition? A disc with a broad range of indication? Yes, there is a disc that fulfills the requirements of state-of-the-art all-ceramic restorations: IPS e.max ZirCAD Prime from Ivoclar Vivadent.

Gradient Technology (GT) is the secret

IPS e.max ZirCAD Prime complements the current zirconia portfolio of the successful and most-sold all-ceramic system in the world and is based on an all-new type of manufacturing technique. The Gradient Technology (GT) is the heart of the new material, combining three innovative processing steps in one product: Ingestion powder conditioning of the raw materials Y3-TZP and Y5-TZP, innovative filling technology and top-quality manufacturing allow for highly aesthetic results to be achieved with outstanding accuracy of fit. The sintering times among other things have also been streamlined to, for example, 2h-26 min for single crowns in the Programat St 1600.

A new era in zirconia technology

Unlike the Multi zirconium oxide disc, the IPS e.max ZirCAD Prime disc is not built up with layers. A continuous, seamless progression of the shade and translucency and optimized translucent properties ensure high-end aesthetics. The new disc is setting new benchmarks in the aesthetic appearance of zirconium oxide, irrespective of whether the monolithic, cut-back or veneering technique is used. IPS e.max ZirCAD Prime covers a wide array of indications – ranging from single tooth crowns to 14-unit bridges. The material features a biaxial flexural strength of ≥1000 MPa (dentin) and a fracture toughness of > 5 MPa · m1/2 (dentin). IPS e.max ZirCAD Prime is available in 16 A-D shades and 4 BL shades and is compatible with the IPS e.max system.

IPS e.max and Programat are registered trademarks of Ivoclar Vivadent AG.

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