New PIEZOSURGERY® inserts for sinus lift by lateral approach

By Mectron S.P.A.

After 15 years, Mectron redefines the sinus lift technique by lateral approach launching on the market 3 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.

- the new SLC insert allows to perform the osteoplasty 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 new thin SLS membrane separator is more efficient in comparison with the old generation “elephant paw shape”.
- the new elevators SLE and SLES, the first one to start the sinus membrane elevation from the sinus floor and the second one to finale the sinus membrane elevation from the palatal wall, are featured by a sharp instrument tip allowing to cut Sharp-eye’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

The new ONE COAT 7 UNIVERSAL was developed on the basis of the famous ONE COAT 7.0, and is a reliable All-in-One Bond for every indication.

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

2019 AEEDC show hailed a success for 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 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 for each product ensuring they are low abrasive yet perform at the highest level. Whether it’s real gold particles or first to market activated charcoal, they have set the precedent for superior and safe teeth whitening in the comfort of one’s home.

This year saw the brand showcase their two hugely successful ranges – The Professional White Range and the Perfect White Range.

The Professional White range includes Black Pearl Whitening toothpaste, Pink Pearl Sensitive Whitening Toothpaste, Award Winning Professional Pearl Enamel remineralising toothpaste and Fresh Pearl Mouthwash, as well as a Professional White Teeth Whitening Kit.

The Perfect White Family Consists of the infamous Perfect White Black, Perfect White Gold, Perfect White, Perfect White Sensitive, Perfect White Black Sensitive and Perfect White Black Mouthwash. Joining them were their most recent products – Perfect White Optic Blue, Perfect White Gold Mouthwash and the Perfect White Whitening Kit.

Following on from the success of their hero product Perfect White Black, the brand has developed their most intriguing product yet, replicating their award-winning activated charcoal formulation into a whitening kit, which is set to be released this year and is highly anticipated by both consumers and professionals alike.

The Perfect White Black Whitening Kit contains all charcoal infused strips as well as a whitening pen. Activated Charcoal, found in both their toothpaste and mouthwash, is known for its love of tannins and makes for an excellent tooth stain remover. The innovative Pen works as an express touch up service, helping to remove the build-up of plaque. The Activated Charcoal Whitening Strips offer professional dental whitening in 5 simple and easy to use steps that only takes 30 minutes.

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 continue huge attention – they are confident they are the best in the business, and it is difficult to disagree.

By Ivoclar Vivadent AG

2019 AEEDC show hailed a success for Beverly Hills Formula

PrograMill: digital manufacturing of highly aesthetic restorations

Ivoclar Vivadent is introducing four new milling machines which, together with the innovative materials 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 software solutions from IPS. 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 ionizer 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 shorter cycle 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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Beverly Hills Formula

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Toothpaste Stain Removal
Leading Dental School (UK)

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<th>Product Description</th>
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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 execute 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 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 separately 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 a completely new type of manufacturing technique. The Gradient Technology (GT) is the heart of the new material, combining three innovative processing steps in one product: Ingenious powder conditioning of the raw materials 3Y-TZP and 5Y-TZP, innovative filling technology and top-quality manufacturing allowing 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, ≥ 5 h 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 applications ranging from single tooth crowns to 14-unit bridges. The material features a biaxial flexural strength of ≥ 1,200 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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