PlanMill dentists to get even more choice

The range of materials for PlanMill has been extended to include Tetric CAD and IPS e.max ZirCAD

By Ivoclar Vivadent AG

The Tetric CAD composite blocks and the IPS e.max ZirCAD zirconium oxide materials have now been released for use with the PlanMill milling units (Planmeca). This provides practitioners with even more opportunities to produce high-quality restorations at chairside. In addition, three new shades have been added to the range of Telio CAD cross-linked PMMA blocks.

Tetric CAD is an aesthetic composite block designed for the efficient production of single-unit restorations. Due to the pronounced chameleon effect of the material, restorations made of Tetric CAD optically blend into the existing tooth structure to achieve with IPS e.max CAD Crys- tal/SmarFluo. The restorations are achieved with IPS e.max, Tetric, Telio, Programat, SpeedCEM and OptraGate are registered trademarks of Ivoclar Vivadent AG.

Extended range of shades for Telio CAD

Shades B1, C1 and D1 have been added to the range of Telio CAD blocks for PlanMill. As a result, the cross-linked PMMA blocks are now available in nine LT shades (B3, A1, A3, A3.5, B1, in addition to the three new shades) and in two different block sizes (Bapt and Bys). All you need for restorations in a single visit

Ivoclar Vivadent offers a treatment concept that empowers practitioners to restore the dentition of their patients in a single visit. In addition to the blocks and cementation materials, the range includes coordinated materials for the entire restorative workflow starting from the OptraGate lip and cheek retractor to luting materials and oral care products.

IPS e.max, Tetric, Telio, Programat, SpeedCEM and OptraGate are registered trademarks of Ivoclar Vivadent AG.

EVO.15 – The world's safest contra-angle, developed by Bien-Air

By Bien-Air

In response to public health authorities’ growing concern over patient burns caused by rotary dental instruments, Swiss medical technologies company Bien-Air Dental has developed the EVO.15, the safest contra-angle on the market today.

In procedures involving contra-angles, the slightest contact between the instrument’s push-button and the inside of the patient’s cheek may cause the instrument to overheat, resulting in possible burn injuries. “While overheating can be an indication of a damaged or clogged instrument, laboratory evaluations reveal that this hazard is just as prevalent in new and properly-maintained handpieces,” says Clémentine Favre, Chief Technical Officer. She goes on to specify that the most severe cases have caused third-degree burns requiring reconstructive surgery, and potentially exposing the practitioner to lengthy legal action.

EvoAir EVO.15 L 1.5 l(back) + EVO.15 1.1 l(back)

Equipped with patented Cool-Touch™ heat-arresting technology, the EVO.15 is the only contra-angle proven not to exceed human body temperature. After years of research and development, this technology works to protect both the patient and the clinician during some of the profession’s most frequently performed procedures. Additionally, the EVO.15 features a considerably smaller and lighter shockproof head and preserves technological innovations ranging from a new spray-lighting system to an improved bur-locking system. Committed to safety, the EVO.15 gives progressive dental practitioners peace of mind in all situations.

Fanny van Ganten
Communication Project Manager
Lingenau 63, 2950 Bienne 6, Switzerland
E-mail: fanny.vanganten@bienair.com
Web: www.bienair.com

By Ivoclar Vivadent AG

The range of materials for PlanMill has been extended to include Tetric CAD and IPS e.max ZirCAD.

IPS e.max ZirCAD LT (low translucency) is a monolithic zirconium oxide-block designed for crowns and 3-unit bridges. The material allows posterior crowns to be designed in a reduced wall thickness of 0.6 mm and anterior crowns in a reduced thickness of 0.4 mm due to its high mechanical strength of 1,200 MPa(a) and high fracture toughness of 5.1 MPa.m(1/2). The reduced thicknesses increase the translucency of the restorations and benefit the aesthetic outcome. A fluorescent effect can be achieved with IPS e.max CAD Crystal/Glaze Plus. The restorations are placed using either a conventional ceramisation technique or a self-adhesive resin cement, such as SpeedCEM Plus. Sintering is carried out in the Programat C44 furnace. The LT blocks are available in the shades B1, A1-3, B2-3 as well as in C2 and D2.

Extended range of shades for Tetric CAD

Shades B40L, B55, B58 and B63 have been added to the range of Tetric CAD blocks for PlanMill. This provides practitioners with even more opportunities to produce high-quality restorations at chairside. In addition to the blocks and cementation materials, the range includes coordinated materials for the entire restorative workflow starting from the OptraGate lip and cheek retractor to luting materials and oral care products.

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