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

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 a natural aesthetic integration. The new composite blocks are available in an MT and HT level of translucency, in five and four shades respectively and in sizes 1A and C4.

Zirconium oxide for thin wall thicknesses
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 3.1 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 Crys-tall/ Glass Plus. The restorations are placed using either a conventional cementation technique or a self-adhesive resin cement, such as SpeedCEM Plus. Sintering is carried out in the Programat C34 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 Telio CAD
Shades B2, C2 and D2 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, C1, A1, A3, A5, B1, in addition to the three new shades) and in two different block sizes (B10 and B75).

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 IPS e.max, Telio, Programat, SpeedCEM and OptraGate and IPS e.max CAD CRYSTALL Glass Plus. Sintering is carried out in the Programat C34 furnace. The LT blocks are available in the shades B1, A1, A3, B2-3 as well as in C2 and D2.

By Ivoclar Vivadent AG

Ivoclar Vivadent AG

Bendererstrasse 2
9494 Schaan/Liechtenstein

Phone: +423 235 35 35
Fax: +423 235 33 60
E-mail: info@ivoclarvivadent.com
Web: www.ivoclarvivadent.com

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

Equipped with patented Cool-Touch™ heat-arresting technology, the EVO.15 is the only contra-angle proven never 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 premieres 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.