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 chamfer effect of the material, restorations made of Tetric CAD optically blend into the existing tooth structure to generate a natural aesthetic integration. The block is easy to use and efficient to process: restorations can be milled and polished quickly and easily.

The new composite blocks are then seated using an adhesive technique. The block is easy to use and efficient to process: restorations can be milled and polished quickly and easily. 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 the high mechanical strength of 1,200 MPa(a) and high fracture toughness of 5.1 MPa/m(b) and high fracture toughness of 5.1 MPa/m(b). 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 Crystalline or Crystalline 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 Cs4 furnace. The LT blocks are available in the shades B1, A2-3, B3-2 as well as in C2 and D2. Extended range of shades for Telio CAD: Shades B1, 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 (B1, A1, A3, A3.5, B1, in addition to the three new shades) and in two different block sizes (B35 and B55).

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 and oral care products.

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

The Tetric CAD composite blocks are available in an MT and HT level of translucency, in five and four shades respectively and in sizes I12 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 5.1 MPa(m)(b). 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 Crystalline or Crystalline 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 Cs4 furnace. The LT blocks are available in the shades B1, A2-3, B3-2 as well as in C2 and D2.

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