everX Posterior

With everX Posterior, GC has developed a glass-fibre reinforced composite that is said to provide new options for restoring extensive cavities and preventing crack propagation into filling materials and tooth structure. According to the company, the material meets the growing demand for an economical alternative restorative for extensive cavities and can be used for restoring enamel and dentin when combined with a conventional composite like G-ænial Posterior.

A special structure with particularly short fibres prevent cracks and fractures that can occur in the filling, one of the main reasons for failure of composite and amalgam restorations. The longevity of everX Posterior restorations is due its high fracture toughness values that are equal to dentin and almost 100 per cent as high as those exhibited by other composites. In addition, the high bond strength with both the overlaying composite and underlying tooth structure allows reliable restorations, the company said.

everX Posterior is particularly indicated for strengthening direct composite restorations in extensive posterior cavities and as such, enables more extensive defects to be treated immediately and directly chairside. These include restorations of cavities with three or more surfaces, cavities with missing cusps, deep cavities (including class I and II cavities as well as endodontically treated teeth) and cavities remaining after removing amalgam as well as cavities indicated for onlays/inlays. GC said that in order to achieve optimum aesthetics and wear resistance, everX Posterior must be overlaid with a light-curing universal composite such as the own G-ænial product family.

GC EUROPE, BELGIUM
www.gceurope.com
Booth C23-25

Planmeca's latest dental unit was designed with ergonomics, comfort, and usability in mind. It’s design is supposed to enhance the workflows of both dentist and assistants. The compact and slim cuspidor also makes the unit the perfect choice for any treatment room, the Finnish dental manufacturer said.

Users can easily customise their personal settings and preferred instruments from an intuitive multilingual touch screen; instrument functions can also be accessed by using the unit’s robust foot control. The new Sovereign Classic has a six-position instrument console which allows to plug in a highly customisable selection of instruments. Owing to the manual left/right swivel function of the cuspidor and chair, it can be easily positioned to adjust to any working conditions and style. A handy and modular Flexy holder for suction tubes and additional instruments supports all treatment needs.

According to Planmeca, the necessary elements for the infection control routines are perfectly organised into logical compartments and easily accessible for the dental team. Users are able to choose between periodical cleaning or continuous disinfection.

PLANMECA, FINLAND
www.planmeca.com
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A radically new dental unit concept by Planmeca
Orotol plus is now a market leader in Dürr Dental’s suction systems since then has been providing top disinfectant concentrate which is extremely resistant to the shear and compressive forces of the stomatognathic system, allowing the material to be used for a variety of applications.

The CAD/CAM blocks are suitable for fabricating conventional inlays, onlays, veneers and crowns for anterior and posterior applications. In addition, they can be used for minimally-invasive restorations such as non-prep veneers as well as for restorations in areas where space is limited, according to VITA.

VITA ENAMIC is currently available in block size EM-14 (12 x 14 x 18 mm), as well as in the shades 0M1, 1M1, 1M2, 2M2 and 3M2 in two degrees of translucency. It can be processed using the CEREC and inlab systems from Sirona Dental Systems.