**Press Release**

Strength allied with beauty

**GC EQUIA Forte HT: a glass hybrid restorative excelling in strength and aesthetics.**

**The EQUIA system that GC launched in 2007 was the first glass-ionomer-based system that could be used as long-term restorative material in stress-bearing Class II cavities. This was followed by the development of EQUIA Forte, a glass hybrid system with extended indications in cavity size of class I and II restorations. The latest addition to this family is EQUIA Forte HT: a stronger glass hybrid with improved translucency.**

For glass hybrids, a mix of different particle sizes is used. An intelligent control of the distribution of these glass particles has been developed, improving the strength and handling in EQUIA Forte HT even further.

Used in combination with the wear resistant EQUIA Forte Coat, EQUIA Forte HT is strong, not sticky and perfect for bulk-filling.

The translucency has also been improved, for nicer looking posterior restorations. The refractive index of the matrix is matched with the fillers’. As a result, the final restorations will look more natural and aesthetic.

The durability of the EQUIA family as a long-term restorative for posterior restorations is proven by many clinical studies, up to 8 years1. The same and even better performance is expected for the glass hybrids EQUIA Forte and EQUIA Forte HT: the follow-up of studies is still ongoing, with promising results in the first years.

These biomimetic restorative systems possess several advantages linked to the glass hybrid composition: chemical adhesion, high moisture-tolerance and low technique sensitivity; making them pleasant and easy to use on a daily basis. On the other hand, the risk of post-operative sensitivity is very low.

The EQUIA family therefore represents a decade of restorative therapy on the cutting edge – an impressive example of the expertise of GC in the field of restorative materials.

**References:**

1Gurgan et al. 8-Year Clinical Evaluation of a Glass Ionomer Restorative System. J Dent Res 96 Spec Issue B: #0287CED.

2Hirani RT, Batra R, Kapoor S. Comparative Evaluation of Postoperative Sensitivity in Bulk Fill Restoratives: A Randomized Controlled Trial. J Int Soc Prev Community Dent. 2018 Nov-Dec;8(6):534-539.

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