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- FOR IMMEDIATE RELEASE -

EQUIA[®] Restorative System: Outstanding Performance Confirmed

By Several Long-Term Clinical Trials

Introduced in 2007, the EQUIA[®] restorative system quickly proved to be a new standard in restorative technology, offering esthetically pleasing bulk-fill posterior restorations and an advanced option to overcome the limitations of amalgam, composite and conventional glass ionomer restoratives. Over the years, EQUIA[®] has inspired a number of prominent research groups to evaluate its clinical performance in several short- and long-term trials.

Mounting Evidence For EQUIA[®]

A significant number of articles published in high-ranked journals brought in light the remarkable performance of EQUIA[®] in Class I and II restorations after two- and three-year follow-up periods (Friedl et al¹; Klinke et al²; Olegario et al³; Fatidou et al⁴; Lopez et al⁵). Two additional studies (Turkun et al⁶ and Basso et al⁷) evaluated EQUIA[®] restorations after longer periods of six and seven years respectively, concluding about its reliability and durability for Class I, II and V restorations.

Other leading studies compared EQUIA[®] to conventional resin composites. For instance, Menezes Silva et al⁸ and Kupietzky et al⁹ demonstrated that EQUIA[®] had similar rates of success when compared to a composite resin in Class II restorations after three years.

After a 5-year trial, Molina et al¹⁰ revealed EQUIA[®]'s optimal performance when treating special care patients. EQUIA[®] also proved to be a trustworthy restorative option for non-carious cervical lesions after one and three years as described by Vaid et al¹¹ and Celik et al¹² respectively. A randomized controlled trial led by Heck et al¹³ showed, after a six-year follow-up, the satisfactory performance of EQUIA[®] to restore two- or three-surface class II restorations.



Finally, Gurgan et al¹⁴. conducted a notable 10-year clinical trial reporting an outstanding success rate of 100% for the EQUIA[®] restorative system in class I and II cavities.

Glass Hybrid Materials: A New Era Of Performance

Building on the extensive and positive clinical evidence of the EQUIA[®] restorative system, GC introduced EQUIA Forte[®], the first glass hybrid, in 2015, and offering an unprecedented option for long-term restorations.

The interim results of clinical studies show the suitability of EQUIA Forte[®] as a long-term material to restore extended size Class II cavities.* Gurgan S. et al¹⁵ compared EQUIA Forte[®] to a micro-hybrid composite; concluding that, after four years, both materials presented optimal surface and marginal adaptation characteristics. The EQUIA Forte[®] multicenter study (Miletic I. et al¹⁶) compares the glass-hybrid to a nano-hybrid resin composite (Tetric EvoCeram, Ivoclar Vivadent) and the two-year interim results have shown similar clinical performance for both materials.

Backed by years of extensive research and academically reviewed publications, this literature review provides clinicians with the unwavering confidence in glass hybrid restorative systems as an optimal long-term restorative alternative.

The latest Glass hybrid, EQUIA Forte[®] HT, offers increased esthetics and strength compared to its predecessor, EQUIA Forte[®]; confirming that glass-hybrids are a trustworthy long-term restorative option for the dentist, while still being cost effective for patients. For more information, please visit www.gcamerica.com.

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** See IFU or technique guide for class II cavity preparations*

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