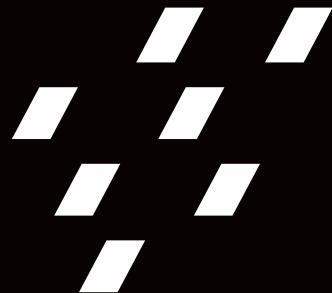


EQUIA[®] Forte

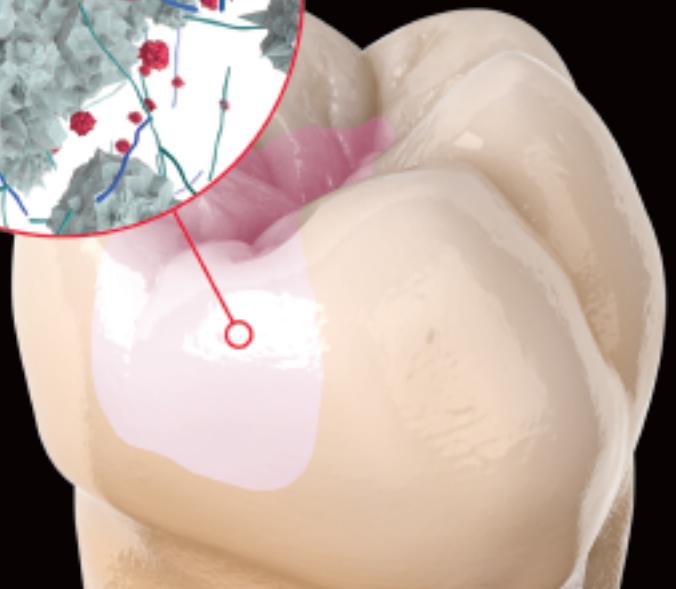
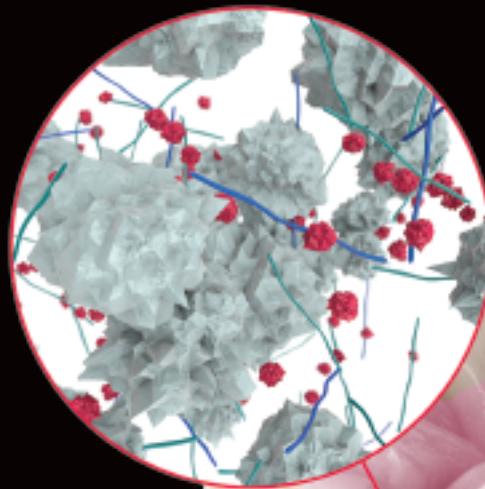
Glass Hybrid Restorative System



GC

The Glass Hybrid Technology

A new ultrafine and highly reactive glass is dispersed within the glass ionomer fillers to accelerate and enhance matrix formation after mixing. This innovative glass hybrid technology increases the ion availability and builds a much stronger matrix structure with greater physical properties, wear resistance and fluoride release.



The EQUIA® Forte System

EQUIA® Forte is a glass hybrid restorative system for **long term posterior restorations**. EQUIA® Forte builds on the remarkable clinical trials performance of the original EQUIA system and presents as a strong, bulk fill, self adhesive system for rapid restoration of posterior teeth.



EQUIA® Forte Fil laminated with EQUIA® Forte Coat is the EQUIA® Forte System

EQUIA® Forte Fil reveals GC's latest evolution of high strength glass ionomer technologies described as Glass Hybrid technology. This technology creates a self adhesive, bulk fill restorative with superior handling, setting and aesthetics as conventional glass ionomer cements but with enhanced physical properties for superior wear resistance, fracture toughness and durability.

EQUIA® Forte Coat is a clear, self adhesive, light cured resin coating which works in synergy with EQUIA® Forte Fil. Quick to apply and featuring GC's latest single dispersion nanofiller and reinforced resin technologies, it toughens, protects and polishes to complete the EQUIA® Forte restorative system.

Stronger



Tougher



EQUIA® Forte: for the first cut of a tooth,

The synergy of GC's latest glass hybrid and resin technologies, working with minimal intervention cavity techniques, accentuates EQUIA® Forte as the first choice for restoring initial occlusal lesions in permanent posterior teeth. EQUIA® Forte builds stronger restorations, extending the indication to a stress-bearing Class II lesion*, using a simple placement procedure that takes less than 5 minutes to complete. Plus you can use EQUIA® Forte as an alternative to amalgam/composite restorations and in all other indications where you may already be using conventional glass ionomer cements.

Clinical Case



Female patient, age 36. Tooth 46 rapid caries approaching distal.



Optional: CAVITY CONDITIONER applied for 10sec to remove surface debris.



EQUIA® Forte Fil has up to 60sec working time and is placed in one increment.



Preliminary shaping was performed; occlusal contact, good aesthetics and shape were verified.



EQUIA® Forte Coat was applied and light-cured 20sec to complete the EQUIA® Forte restoration.



* as per approved IFU

and for a wider range of indications

- Class I restorations
- Class II restorations including stress bearing*
- Class V and root surface restorations
- Intermediate and Transitional restorations
- Core build up

Extended Class II
cavity design



Deep Lesions



Cavity Preparation



EQUIA® Forte restoration

Dr. Raimond Van Duinen, Netherlands

Interproximal lesions



Cavity Preparation



EQUIA® Forte restoration

Dr. Firas Khartoum, Israel

Stress bearing Class II



Initial situation



EQUIA® Forte restoration

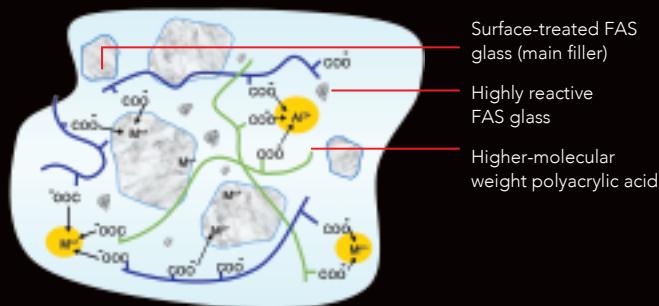
Dr. Mark Pitel, Poughkeepsie, New York

* as per approved IFU

EQUIA® Forte. The proven EQUIA approach,

Stronger than a conventional glass ionomer

This is achieved through the introduction of *novel Glass Hybrid technology*. Aside from the conventional glass particles, an innovative ultrafine, highly reactive glass is dispersed into EQUIA® Forte Fil. Combined with a *higher molecular weight polyacrylic acid*, this new Glass Hybrid formulation increases ion availability, enhancing matrix formation and builds a much stronger matrix structure.



EQUIA® Forte is aesthetic

EQUIA® Forte Fil has a great shade matching ability and EQUIA® Forte Coat forms a high lustre, translucent coating, saving you polishing time. The synergy of these two materials in EQUIA® Forte, means you will achieve excellent aesthetics in minimal time.

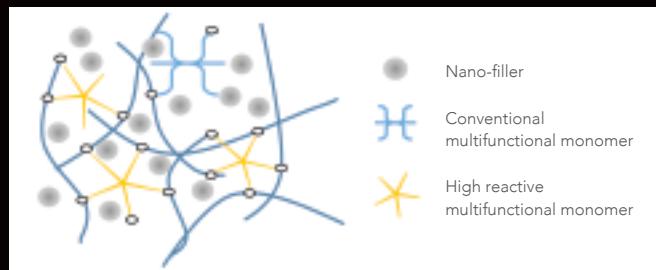


1 week after placement

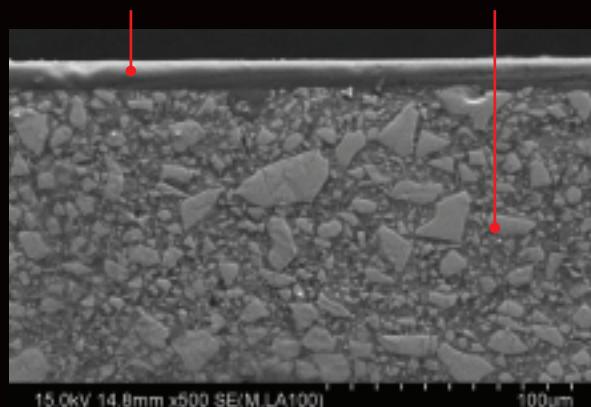
Dr. E. Stephen Voulliotis

Tough Synergy

EQUIA® Forte Coat features new cross-linking monomer chemistry, with more efficient polymerisation characteristics. This creates a tougher resin matrix that is further reinforced by single dispersion nano-fillers. This new monomer also improves handling and creates a smoother surface finish to the EQUIA® Forte Fil restoration.

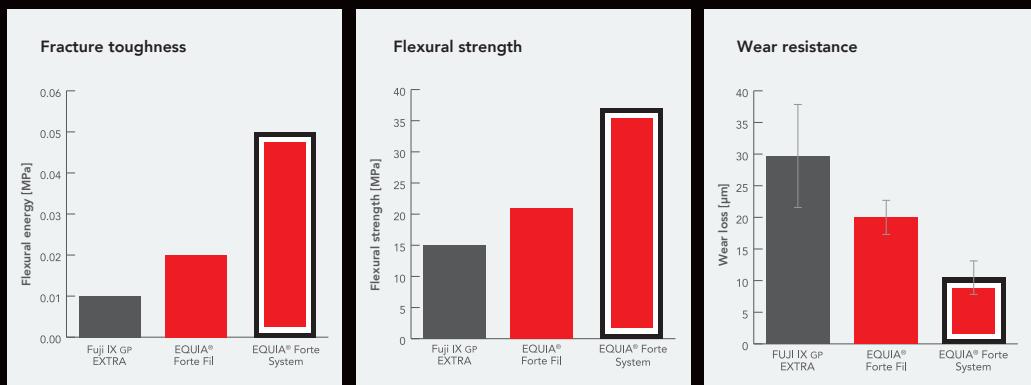


EQUIA® Forte Coat



taken to the next level

Impressive physical properties



Truly innovative

Working in synergy with modern MI dentistry concepts, EQUIA® Forte is a truly innovative *biomimetic, fluoride-releasing* restorative system that is **pulp friendly** and can be used in deep cavities. EQUIA® Forte is *very quick and simple to place*. Prepare, bulk fill, finish, coat, light-cure and you get perfect results.

Clinically Proven

EQUIA® Forte builds on the impressive clinical trial performance of the original EQUIA system and presents as a viable alternative for the restoration of posterior teeth. Results from the Greifswald University (Germany) clinical trial showed that at 4 years, EQUIA fillings show fracture rates of less than 3%. Another clinical trial done at Hacettepe University (Turkey) showed that both EQUIA and a modern micro filled resin hybrid composite perform clinically similar after 6 years.

* * Gurgan et.al, Operative Dentistry, 2015, 40-1



Survival rates for EQUIA class I restorations

7 years – 100%	Basso et al. 2016
6 years – 100%	Gurgan et al 2015
6 years – 100%	Turkun, Kanik 2015
4 years – 99%	Klinke et al. 2016
3 years – 100%	Diem et al. 2014
2 years – 100%	Friedl et al. 2011

EQUIA® Forte System



EQUIA® Forte Fil

Box: 50 capsules

Shades: A2, A3, A3.5



EQUIA® Forte Coat

Bottle 4mL

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