

Break Through



The benefits of glass ionomer restoratives have been known for years – superior flexibility and esthetics, outstanding fluoride protection, strong ionic bond and simple technique – and GC America has led the way in offering premier packable posterior, light-cured and metal-reinforced ionomers for virtually any restoration. Now, GC America has another breakthrough.

Fuji IX™ GP EXTRA is an innovative, new ionomer that is the perfect complement to the current Fuji family of bioactive materials that restores and protects as part of GC America's new modern approach to caries management, Minimum Intervention (MI).

Minimum Intervention (MI)

In contrast to the traditional 'surgical' approach of 'drilling and filling,' MI seeks to do the following:

- Identify and assess any potential caries risk factors early
- Prevent or minimize these risk factors to keep caries from occurring
- Restore the tooth with bioactive materials that preserve natural tooth structure

To implement Minimum Intervention effectively, all three elements must be fully integrated into your patient treatment plans.

Product Codes

439254 Fuji IX™ GP EXTRA Capsule Assortment Starter Package
Contains: 50 Capsule Refill Package - 10 of each shade A2, A3, A3.5, B1 and B3, Capsule Applier, Cavity Conditioner (5.7mL) and Fuji COAT LC (5.2mL).

Fuji IX™ GP EXTRA Capsule Refill Packages
Contains: 50 Capsules (0.40g powder / 0.12g liquid)
002534 Shade A1
002535 Shade A2
002536 Shade A3
002537 Shade A3.5
002538 Shade B1
002539 Shade B2
002540 Shade B3
002541 Shade C4
002533 Assorted (Assorted Shades - 10 each of A2, A3, A3.5, B1 and B3)

439253 Fuji IX™ GP FAST Capsule Assortment Starter Package
Contains: 50 Capsule Refill Package - 10 of each shade A2, A3, A3.5, B2 and B3, Capsule Applier, Cavity Conditioner (5.7mL) and Fuji COAT LC (5.2mL).

Fuji IX™ GP FAST Capsule Refill Packages
Contains: 50 Capsules (0.35g powder / 0.10g liquid)
002022 Shade A1
000212 Shade A2
000213 Shade A3
000214 Shade A3.5
000215 Shade B2
000216 Shade B3
000211 Assorted (Assorted Shades -10 each of A2, A3, A3.5, B2 and B3)

439153 Fuji IX™ GP REGULAR SET Capsule Assortment Starter Package
Contains: 50 Capsules - 10 of each shade A2, A3, A3.5, B2 and B3, Capsule Applier, Cavity Conditioner (5.7mL) and Fuji COAT LC (5.2mL).

Fuji IX™ GP REGULAR SET Capsule Refill Packages
Contains: 50 Capsules (0.35g powder / 0.08mL liquid)
000166 Shade A2
000167 Shade A3
000168 Shade A3.5
000169 Shade B2
000170 Shade B3
000165 Assorted (Assorted Shades -10 each of A2, A3, A3.5, B2 and B3)

439901 Fuji IX™ GP REGULAR SET Powder-Liquid Starter Package
Contains: 1:1 Package, Cavity Conditioner (5.7mL) and Fuji COAT LC (5.2mL)

000152 Fuji IX™ GP Powder-Liquid 1:1 Package
Contains: 1 Bottle Powder, Shade A2 (15g), 1 bottle Liquid (6.4mL) and Mixing Pad

000158 Fuji IX™ GP REGULAR SET Powder Refill (A2), 15gm
000164 Fuji IX™ GP REGULAR SET Liquid Refill, 6.4mL

435891 Capsule Applier III
002559 Capsule Applier IV
000110 Cavity Conditioner, 5.7mL bottle
000176 Fuji COAT LC, 5.2mL bottle
000026 Fuji Varnish™, 10g bottle

002583 G-COAT PLUS Esthetic Sealer
Contains: 4mL bottle, Disposable Dispensing Dish (20), Micro Tip Applicator (50) and Applicator Holder (1)



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RESTORATIVE



Fuji IX™ GP EXTRA Packable Posterior Glass Ionomer Restorative



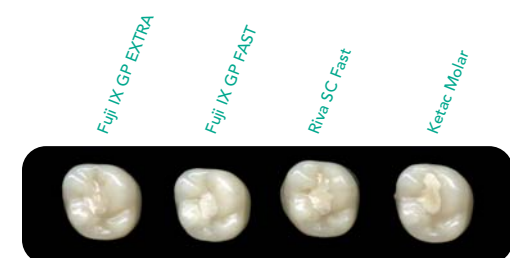
Representing a metamorphic change in glass ionomers



GC

Fly Higher

GC America's new **Fuji IX™ GP EXTRA** features the same excellent handling and high physical properties of their dynamic Fuji IX GP REGULAR SET and Fuji GP FAST, but contains a next-generation glass filler, SmartGlass™, that elicits higher translucency, fluoride release, reactivity and a faster setting time. The unique optical properties of the new filler have also allowed GC America to create a new, lighter shade. B1 is ideal for children and patients who may have undertaken whitening procedures.

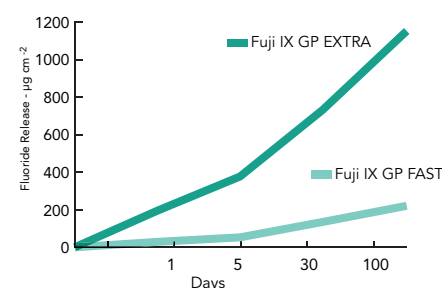


EXTRA Shade Matching Capability

Higher translucency allows improved esthetics and shade matching (available in shades A1, A2, A3, A3.5, B2, B3, C4 and the new B1 shade).

Packable Fuji IX GP EXTRA is the easy-to-use, handle and place fluoride-releasing alternative to expensive compomers, composites and amalgam. Its excellent surface hardness and wear resistance make it ideal for:

- Geriatric and pediatric restorations
- Caries control restorations
- Final restorations (avoid high-stress areas)
- Core build-up and dentin substitute in sandwich technique
- Emergency restorative (I.R.M.)
- Long-term temporary restoration



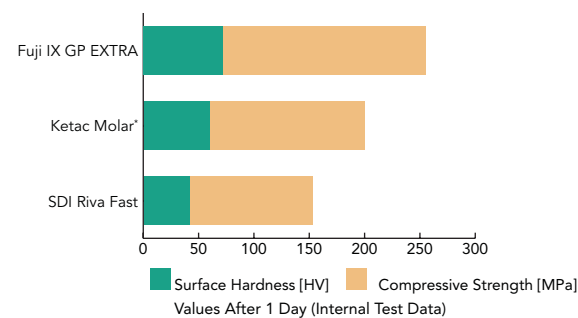
EXTRA High Fluoride Release

Six times higher than current Fuji IX GP FAST for even better protection against continuing caries.



EXTRA Fast Setting Time

Finishing and polishing can be started only 2 1/2 minutes after the start of mixing (the fastest setting glass ionomer on the market today).



EXTRA Strong Performance

Robust physical properties maximize durability for optimum performance.

*SDI Riva Fast and Ketac Molar are not a trademarks of GC America Inc.

Fuji Family

The Fuji family of restoratives, **Fuji IX GP EXTRA**, **Fuji IX GP FAST** and **Fuji IX GP REGULAR SET**, offers unsurpassed wear resistance and durability in a glass ionomer. The non-sticky, packable restorative mix adapts readily to internal aspects of the preparation and will not slump. Dental dam isolation is optional, as Fuji IX GP's chemistry allows bonding to moist, conditioned enamel and dentin. Fuji IX GP is useful as a caries-control restorative, for long-term provisionalization, minimally invasive measures and as a high-strength foundation in the sandwich technique.

Specifically designed for conservative cavity preparation, such as air abrasion, all Fuji IX GPs bond directly to the tooth structure without need for undercuts or time-consuming bonding agents. Cutting a much smaller prep reduces chair time and the trauma associated with the handpiece. Just condition, place, pack and contour.

	Condition	Fuji IX GP EXTRA	Fuji IX GP FAST	Fuji IX GP REGULAR SET
Mixing Time (seconds)	23°C, 73.4°F	10 sec.	10 sec.	10 sec.
Working Time (min:sec)	23°C, 73.4°F	1 min. 15 sec.	1 min. 15 sec.	2 min.
Final Finishing Commencing Time (min:sec)	37°C, 98.6°F after starting mix	2 min. 30 sec.	3 min.	6 min.
Surface Hardness (Hv)	After 1 day	72(5)	74(3)	74(3)
Compressive Strength (MPa)	After 1 day	255(14)	268(10)	220(9)
	After 1 week	265(15)	274(11)	230(14)
Modulus of Elasticity (GPa)	After 1 day	7.8(0.1)	8.6(0.3)	8.3(0.5)
Diametral Tensile Strength (MPa)	After 1 day	23(1)	23(2)	22(2)
Flexural Strength (MPa)	After 1 day	25(1)	26(3)	26(4)
Solubility (%)	Distilled Water	0.08	0.02	0.02
	1mmol/L Lactic Acid	0.32	0.21	0.21
Radiopacity (mm)		2.3(0.2)	3.7(0.3)	3.7(0.3)
Bonding Strength (MPa) with Cavity Conditioner	To Bovine Enamel, After 1 day	6.4(2.2)	6.9(1.6)	5.9(1.7)
	To Bovine Dentin, After 1 day	6.0(1.4)	5.8(2.2)	4.4(1.6)



Fuji IX GP

- Packable
- Stabilizing
- Non-sticky
- Radiopaque
- Less invasive
- Biocompatible
- Fluoride release
- Virtually insoluble
- Highly compressive
- Chemically bonding
- Fast prep/chair time

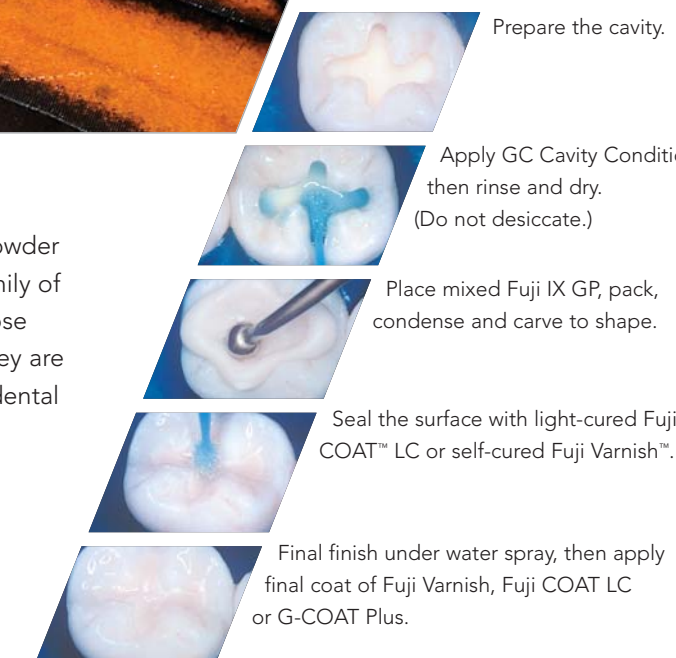
Fly Free

Available in premeasured capsules or hand-mix powder liquid (Fuji IX GP REGULAR SET only), the Fuji family of glass ionomers is the most versatile general-purpose posterior restorative on the market today – and they are all backed by a money-back guarantee. Ask your dental dealer today or call GC America at 800.323.7063.



G-COAT™ PLUS

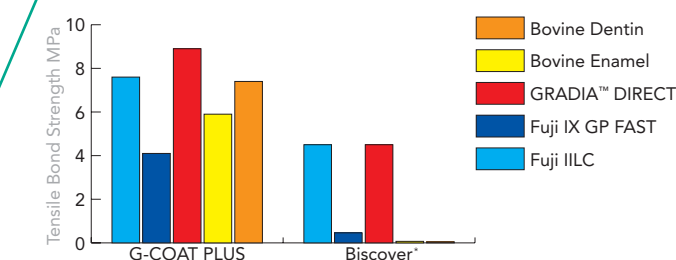
G-COAT PLUS is the only light-cured, protective clear coating formulated with adhesive monomer and nanofillers. Formulated for glass ionomers, composite resins and provisional materials, G-COAT PLUS locks on fast, providing lasting beauty and wear resistance. One thin coat protects margins, prevents staining and provides a high gloss comparable to intense polishing. G-COAT PLUS is compatible with halogen and LED curing lights.



Clinical Tip: For maximum protection, apply a final coat of GC's self-adhesive, light-cured G-COAT PLUS. Its nanofillers increase wear resistance while providing an esthetic high-gloss coating.



Photos courtesy of Dr. T. Yamada



The exclusive adhesive monomer in G-COAT PLUS results in superior adhesion to many surfaces.

*Biscover is not a trademark of GC America Inc.