



GC America: Solutions for Better Patient Care

With nearly a century of service under its belt, GC Corporation has strived to create people-friendly and earth-friendly products that advance oral health across the globe

In the years since GC Corporation established GC America in 1992, the company has remained at the forefront of the profession by developing products that have advanced dental care across North America. From cements and restoratives to digital scanners and laboratory equipment, the company's products imbue the GC corporate philosophy of SEMUI, a term stemming from its early Japanese roots that combines selflessness, pure objectivity, charity, and great wisdom. For GC America, this means that true products are made for the good of others, not for their own sake. The company strives to create solutions that benefit both clinicians and patients, while fostering a commitment to putting quality first and protecting the global environment.

Dental Product Shopper evaluators are among the many dental professionals who recognize the value of these products. In this story, find out why GC FujiCEM 2, GC Fuji II LC, and GC Fuji TRIAGE are the go-to materials for these passionate clinicians.

GC FujiCEM 2

Launched in 2012, GC FujiCEM 2 is a resin-modified glass ionomer cement indicated for a broad array of indirect restorations, including all types of metal-, resin-, alumina- and zirconia-based inlays, onlays, crowns and bridges. Powered by F² Flex Fuse Technology—which incorporates new high-elastic crosslinking monomers with a modified filler-surface treatment—GC FujiCEM 2 improves indirect restorations with increased strength, high fluoride release, low film thickness, and excellent marginal integrity.

"At last, I feel the Holy Grail of dental cements has come to exist! I feel that there are other cements that seemingly work well while falling short in other very important aspects," said Dr. Frank Glushefski of White Haven, PA. "GC FujiCEM 2 is very easily dispensed with a very workable viscosity."

GC FujiCEM 2's early, high compressive and flexural strength provides the best possible support for indirect restorations. Superior chemical bonding to tooth structure maintains the marginal seal, minimizing the risk of microleakage and secondary caries.

"Cleanup? Not a problem. Bond strength? Excellent! I have since recommended GC FujiCEM 2 to

several colleagues and will continue to do so," added Dr. Glushefski.



Frank M. Glushefski, DMD, PC
White Haven, PA

"AT LAST, I FEEL THE HOLY GRAIL OF DENTAL CEMENTS HAS COME TO EXIST!"



GC Fuji II LC

Launched in 1991, GC Fuji II LC is a light-cured resin-reinforced restorative indicated for Class III and Class V restorations, cervical erosions, abfraction lesions, root surface caries, and as a liner and base.

GC Fuji II LC's high compressive, tensile, and flexural strengths along with its triple-cure chemistry and chemical bond to the tooth structure assure longevity and integrity, making it a popular choice among dentists.

After attending an American Academy of Esthetic Dentistry meeting and hearing Gordon Christensen talk about the benefits of the GC Fuji II LC glass ionomer restorative, Chicago dentist Dr. Paul Chaiken decided to make the switch and purchased GC Fuji II LC for his own operator.

"I like the handling characteristics more than other glass ionomers I've used, which can be sticky, and I can make it more or less flowable as needed

using the powder or liquid version," Dr. Chaiken said.

Improved in 1996 to provide higher esthetics and compressive strength, GC Fuji II LC exhibits translucency, expansion, and contraction similar to tooth structure, according to GC America. In addition,

GC Fuji II LC eliminates postoperative sensitivity.

"I use it as a liner/base in deep lesions under composites and as a buildup under crowns and overlays. I have had virtually no sensitivity using it this way," Dr. Chaiken added.



GC Fuji TRIAGE

Minimum Intervention (MI) is GC America's modern medical approach to caries management. In contrast to the traditional surgical approach of drilling and filling, MI seeks to identify and assess potential caries risk factors early and restore the tooth with bioactive materials that preserve natural tooth structure.

As a part of this protocol, GC Fuji TRIAGE was designed to prevent fissure caries from developing in newly erupted molars during the first year. Introduced in 2006, GC Fuji TRIAGE is a self-bonding glass ionomer with a free-flowing consistency to ensure effective wetting and intimate adhesion to tooth surfaces. This is especially important during the eruption phase when the occlusal surfaces of permanent molars are at the most risk for decay.

This advanced fluoride protection offers patients protection from carious lesions while increasing the likelihood of remineralization—a first for erupted molars that are often hidden and difficult to keep clean.

As a high-fluoride-releasing glass ionomer, GC Fuji TRIAGE is moisture-tolerant during application, making it well-suited as a protection material for erupting molars



where saliva controls can be compromised. In fact, GC Fuji TRIAGE works so well in this environment that you can begin placing it immediately after eruption without etching, isolating, or drying the tooth.



Follow a case study examining the use of glass ionomer sealants on newly erupting permanent molars.