Our Mission:

Protecting partially erupted teeth.

With Fuji Triage™ from GC.

One of many GC solutions for caring for youngsters.
Most dentists wait for the teeth to fully erupt because:

- first and second permanent molars take about 1.5 years to fully erupt (1)
- these teeth are difficult to clean during eruption
- the caries risk is highest during this period (2)
- occlusal pits and fissures are 8 times more susceptible to dental caries than smooth surfaces (3)
- if the enamel is hypomineralised, it can break down very quickly; early protection with Glass Ionomer Cement (GIC) may help reduce this.
Protect NOW! Fuji Triage from GC, the glass ionomer solution for protecting partially erupted molars.

- Easy to apply: no etching, no air drying, no bonding required
- Moisture tolerant: allows easy placement, even on partially erupted molars, without the use of a rubber dam
- Low viscosity, excellent flow: helps penetration into deep pits and fissures

Step 1: Remove plaque/debris from the tooth and from under the operculum. Avoid aggravating the operculum.

Step 2: Treat the tooth with a dentine conditioner (20 seconds) or cavity conditioner (10 seconds) using a micro-brush and blot dry (do not desiccate).

Step 3: Isolate using cotton rolls and suction.

Step 4: Spread a thin film of Fuji Triage over the pits and fissures.

Mission completed after 4-6 minutes!

Source: Dr. M. Blique, France
• **Unique pink colour:** absorbs the heat from the curing light to speed up the setting and aids visualization and monitoring
• **Exceptionally high fluoride release:** creates an acid-resistant fluoride-modified hydroxyapatite. In addition, the fluoride release promotes remineralisation of the enamel if any initial carious lesions are present.

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**Graph:**

Cumulative Fluoride Release (µg/g)

- **Conventional GIC**
- **Fuji Triage**

Days

**Source:** GC Internal Data, January 2006

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**Steps:**

**Step 4:** Spread a thin film of Fuji Triage over the pits and fissures.

**Step 5:** For a quicker setting reaction, set the PINK Fuji Triage using 20-40 seconds of light curing or let it self-set for 4 minutes.

We recommend to cover the glass ionomer surface with a protective coating like cocoa butter:
- Fuji Varnish or Fuji Coat LC.

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minutes!
But why wait? Here are the facts:

Fact 1: It is difficult to isolate a partially erupted molar, when the tooth is partially covered by an operculum. Resin-based sealants need a dry environment for their bonding effectiveness. However: Fuji Triage is moisture tolerant and offers chemical adhesion to tooth structure, even in a moist environment.

Fact 2: Resin-based sealants rely on enamel etching and micro-mechanical retention. Etching aprismatic enamel does not provide a microretentive surface for an effective resin bond. However: Fuji Triage, being a glass ionomer, allows chemical adhesion, even to aprismatic enamel.

In addition:

- Clinical studies indicate that Fuji Triage has similar retention compared to resin sealants at 24 months and report reduced instances of marginal stains and caries in the teeth. However: Once the tooth is fully erupted, you still have the option to either renew the existing glass ionomer sealant or place a resin-based sealant.

- The retention of small amounts of glass ionomer sealants could be sufficient to prevent caries in the pits and fissures of teeth. Fluoride-modified hydroxyapatite is much more caries resistant.
GC Fuji Triage POWDER/LIQUID
(1-1 Pack, 15 g powder, 10 g liquid, 6 g Dentin Conditioner and accessories)
002490 Pink
002491 White

GC Fuji Triage CAPSULES
(Box of 50 capsules, mixed volume per capsule 0.13 ml)
002495 Pink
002496 White

Accessories for optimal results
To increase adhesion:
000110 GC Cavity Conditioner / 000120 GC Dentin Conditioner
To prevent dehydration after the initial set:
000026 GC Fuji Varnish / 000176 GC Fuji Coat LC

Academic references

Hello, we are the Dentonauts from GC.