

Minimal invasive

Depending on the initial situation, **indirect approaches can be minimally invasive** too. Advances in dental materials and techniques allow for more conservative tooth preparation. For example, modern ceramics and strong composite materials can be used to create thin restorations that require less removal of healthy tooth structure.

Hydrolytic degradation is the biggest enemy of a durable bond. Enamel should be saved as much as possible. To dentine, choose HEMA-free, hydrophobic adhesives and resin cements, or choose to rely on glass ionomer bonding.



Two restorations, similar in size; one was restored directly and one with **Initial LiSi** lithium disilicate and bonded with **G-CEM ONE**. At the follow-up after 5 years, a crack could be noticed in the small distopalatal cusp of the directly restored tooth. In the other tooth, this cusp was protected by the Initial LiSi coverage.

Courtesy: Dr T. Minamino, Japan

Injection Moulding



BEFORE

AFTER

Courtesy: Dr M. Fostiropoulou, Greece

Veneers

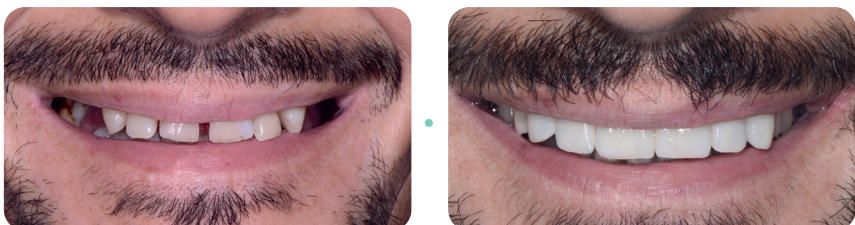


BEFORE

AFTER

Courtesy: Dr Javier Tapia Guadix, Spain

Crowns



BEFORE

AFTER

Courtesy: Prof. R. Sorrentino, Italy

Enhancing smiles



SCAN FOR MORE INFO ON EACH STEP



G-Premio BOND
One-component light-cured
universal adhesive



G-aenial Universal Injectable
High-strength restorative composite



Initial LiSi Press and Block
Refined lithium disilicate solutions



Initial Zirconia Disk Multilayer Elite
Zirconium oxide CAD/CAM disks



Initial IQ ONE SQIN
Painting and microlayering solution



G-CEM Veneer
Light-cure resin cement



G-CEM ONE
Self-adhesive universal resin cement



FujiCEM Evolve
Paste-paste resin-modified
glass ionomer luting cement

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Enhancing smiles

From Direct to Indirect – Shaping smiles with art and knowledge



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Enhance smiles with care



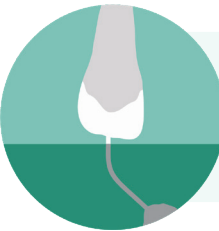
A captivating smile boosts confidence and self-esteem, positively affecting personal and professional interactions. For patients seeking enhancement of the smile, direct treatment is usually the first to consider; in many cases, small changes suffice for a beautiful and lasting smile. Scan the QR code at the left to find out more!

However, for complex cases with extensive decay, structural damage, or larger aesthetic concerns, it's advisable to involve a dental laboratory for advanced techniques, such as injection moulding, partial restorations like veneers, and crowns.

Less is more: respecting the therapeutic gradient

The therapeutic gradient, which ranges from least to most invasive treatments, is considered to ensure the most appropriate and conservative approach is chosen. This approach helps preserve natural tooth structure while achieving optimal therapeutic outcomes. After all, the natural enamel is still the most beautiful material a tooth can be built from.

Injection Moulding



- Least invasive, preserving natural tissue
- Cost-effective
- Easy to repair



Veneers



- Minimally invasive
- Highly durable
- Supreme aesthetics



Crowns



- Protecting the remaining tissue
- Highly durable
- Supreme aesthetics



Lasting beauty



- G-ænial Universal Injectable**
- ✓ Exceptional strength and wear resistance
 - ✓ Great adaptation to every corner of the cavity
 - ✓ Easy to polish to lasting high gloss



- Initial LiSi Block & Press**
- ✓ Superior aesthetics
 - ✓ Refined lithium disilicate with HDM technology for unsurpassed physical properties
 - ✓ Smooth margins and superior polishability due to the homogeneous structure



- Initial Zirconia Disk**
- ✓ High strength
 - ✓ Versatile and suitable for a broad range of clinical indications
 - ✓ Outstanding aesthetics combined with Initial IQ ONE SQIN

Injection Moulding



Worn, eroded teeth.



Slight preparation is possible, especially when orthodontic treatment is not an option.



G-Premio BOND provides strong adhesion in a thin, durable layer. The enamel was etched first.

Veneers



Severe wear and erosion. Palatal veneers were already placed.



Minimally invasive tooth preparation.



Initial LiSi Block is fully crystallised and can be polished to high gloss - no need for firing.

Crowns



Initial situation with large composite restorations and exposed roots.



After tooth preparation.



Zirconia restorations provide high strength and aesthetics.

Lasting bonds



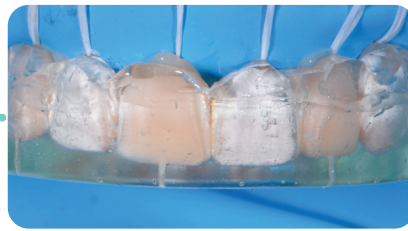
- G-Premio BOND**
- ✓ Less prone to water degradation for a clinically proven, long durability
 - ✓ Can be used in all etching modes and for all procedures, including hypersensitivity treatment and repair



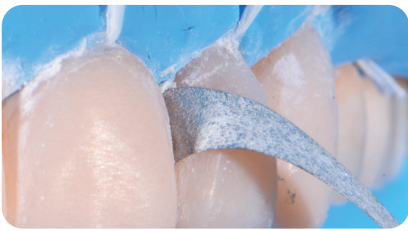
- G-CEM ONE**
- ✓ High colour stability in 4 shades for invisible margins
 - ✓ Can be used with the **Adhesive Enhancing Primer** or **G-Premio BOND** for maximum bond strength



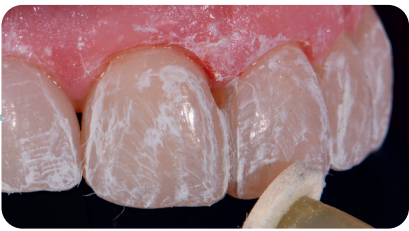
- FujiCEM Evolve**
- ✓ One-step application, less technique-sensitive than resin cements
 - ✓ Optimal adhesion to zirconia
 - ✓ Low film thickness and precise adaptation



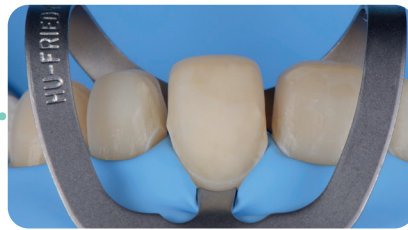
Injection moulding with **G-ænial Universal Injectable**.



The shape is copied from the wax-up, which saves time in finishing and polishing.



G-ænial Universal Injectable can easily be polished to a brilliant gloss.



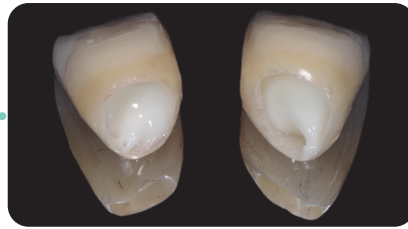
Adhesive bonding is ideally done under absolute isolation.



Bonding of the veneers with a reliable resin cement (eg. **G-CEM ONE**).



The surfaces have beautiful gloss and natural texture.



FujiCEM Evolve assures a reliable luting procedure.



After tack-curing, excess is easily removed.



Zirconia was the material of choice for the crowns.