

**SIMPLICITY
AND
EFFICIENCY:**

**WORKFLOW
FOR INDIRECT
PROCEDURES**

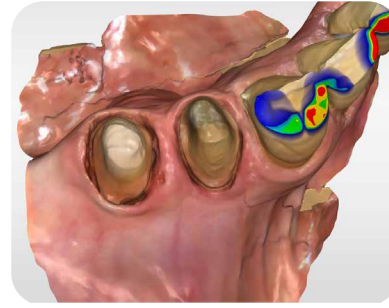
Workflow



Before



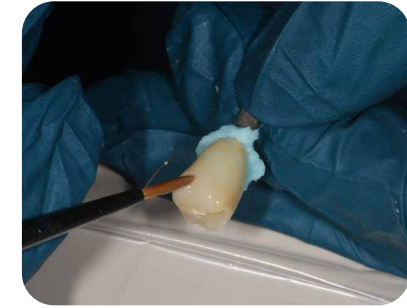
Prepare



Design



Mill



Polish/Characterize



Pre-treat restoration



Application of tooth primer (AEP)



Cement



Removal of excess cement



Final results

Courtesy of Dr. Mark Kleive

ONE-APPOINTMENT DENTISTRY

Indirect restorations are one of the more complex procedures in general dentistry. Patient expectations for esthetics, function, and longevity are high – and their tolerance for multiple appointments is low. At the same time, clinicians face an ever-expanding choice of materials with questionable compatibilities, requiring various, often complicated techniques.

Indirect procedures can drain a practice of efficiency and patient satisfaction. Therefore, implementing a workflow with compatible high-performance products that work for most clinical case scenarios is critical.

This eBook examines two cutting-edge products – a high-tech lithium disilicate restoration and a universal self-adhesive resin cement – that work together to meet patient and clinician expectations for performance and efficiency.

SYNERGY: NEXT-LEVEL ESTHETICS AND FUNCTION



GC Initial® LiSi Block

- Fully crystallized lithium disilicate block that delivers optimal physical properties without firing
- Features GC's proprietary High Density Micronization technology for CAD/CAM dentistry
- Material offers high gloss and color retention, stain, wear, and solubility resistance
- Smaller crystal provides easy milling, high wear resistance, and high polish
- Glass matrix stiffness provides higher mechanical strength and smoother, more accurate margins
- Crystal density provides high flexural strength (408 MPa)
- No firing needed; restorations may be completed in as little as 14 minutes (vs 20+ for systems requiring firing)
- Simple finishing procedure – mill, polish, and place, or characterize with GC Initial® Lustre Paste NF or Spectrum Stains
- Available in high and low translucency



G-CEM ONE™

- A truly universal, self-adhesive resin cement with high bond strength and excellent self-curing ability
- Can be used for a wide range of indications, including challenging clinical situations, due to the GC Touch Cure
- Esthetic restorations with invisible, wear-resistant margins
- High immediate bond strength requiring less post-treatment compliance
- Excellent bond strength to tooth and to all substrates: enamel, dentin, zirconia, metal, glass ceramics, hybrid ceramics
- Optimal choice of cement when working with GC Initial® LiSi Block
- Technique insensitive: exceptional self-curing for peace of mind, tack cure feature for easy excess removal and cleanup, moisture and saliva tolerance
- Virtually no post-operative sensitivity

TOGETHER, ONE PREDICTABLE OUTCOME

Although individually, each product is a stellar addition to a practice, **GC Initial® LiSi Block** and **G-CEM ONE™** make even more sense when used together routinely.

- Quick and easy solutions, high esthetics, and optimal performance when using both products
- An ideal, timesaving solution for single-visit chairside treatments
- Simple procedures, both have intuitive workflows, saving time and complexity
- Less mess, tack cure ability, easy try-in, high bond strength (especially to lithium disilicate), particularly with G-CEM ONE™ ADHESIVE ENHANCING PRIMER (AEP) in less retentive cases
- Results look great for years to come

Easy Excess Removal with One-Second Tack Curing



Images courtesy of Dr. Kazunori Otani



Optional G-CEM ONE™ ADHESIVE ENHANCING PRIMER (AEP)

Optimal bond strength for retentive and non-retentive preparations can be yours due to the unique GC Touch Cure ability of the optional G-CEM ONE™ AEP. The chemical initiator accelerates the chemical cure of the cement from the tooth surface to ensure stable bonding. AEP also features easy application and handling, with no light-curing required.

RESTORE NATURAL BEAUTY WITH GC INITIAL[®] LISI BLOCK



Images courtesy of Yao-Lin Tang, DDS



Images courtesy of Karyn M. Halpern, DMD, MS

SIMPLIFY ALL PROCEDURES WITH G-CEM ONE™

Posterior Crown (Zirconia)

Images courtesy of Dr. Kazunori Otani.



Prepared tooth cleaned and dried.



Restoration cemented.



Final result.

Anterior Crown (Lithium Disilicate)

Images courtesy of Dr. Miles Cone. Ceramist: Peter Pizzi, MDT.



Fractured veneer.



Crown preparation.



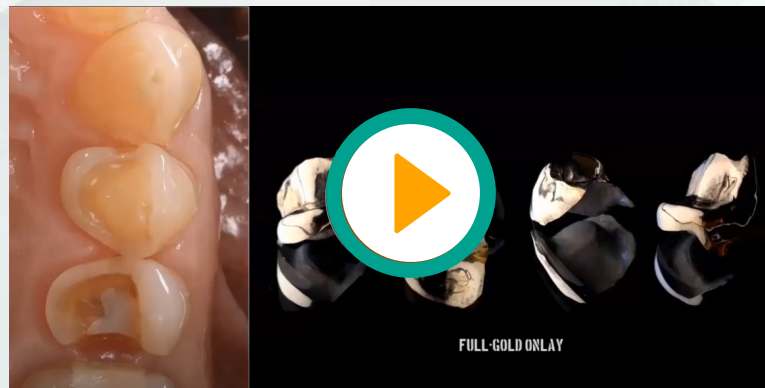
Final result.

IN THEIR OWN WORDS

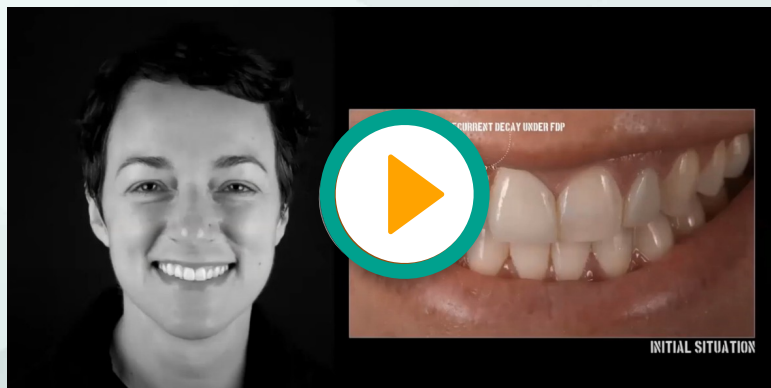
Watch Miles Cone, DMD, CDT, FACP, present a series of cases demonstrating **G-CEM ONE™**



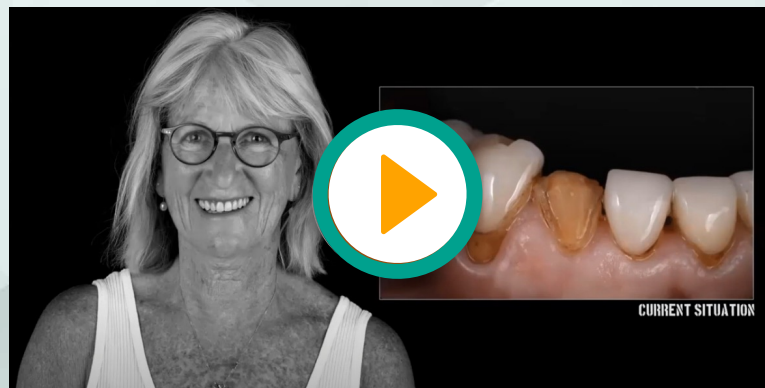
Part 1: The stickiest glue out there



Part 2: Gold onlay on non-retentive prep



Part 3: Bridge on low-retentive prep



Part 4: Emergency cases



WATCH NOW 

John Nosti, DMD, discusses his experience with **G-CEM ONE™**

ABOUT THE COMPANY

Founded in 1921, GC Corporation is one of the world's leading manufacturers of innovative materials, devices and equipment designed for use by oral care professionals, laboratories, and consumers. GC America, a subsidiary of GC Corporation for over 25 years, employs nearly 300 people in the United States and traces its own history back to Coe Laboratories, founded in 1928. More information about GC and GC America can be found at www.gcamerica.com

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Inside
Dentistry

EBOOKS

THANK YOU TO OUR SPONSOR: GC AMERICA

GC



Natural beauty restored
in one appointment



Pairs great with
G-CEM ONE™
Self-adhesive resin cement



initial
LiSi Block

Lithium Disilicate
CAD/CAM Block for
chairside solutions

ADDITIONAL RESOURCES



**Dental Advisor Biomaterials
Research Report**



**Video: Luting Nonretentive
Lithium Disilicate**