



Calibra® Bio Bioceramic Luting Cement

Nature knows how to create a better seal. The bioactive chemistry of new Calibra® Bio Bioceramic Cement minimizes microleakage. It adapts seamlessly to the tooth structure and promotes the formation of hydroxyapatite (HA). The result: A good marginal seal, with a self-repairing HA layer that continuously protects marginal integrity, naturally. In a three-year study, Calibra® Bio Bioceramic Cement has been shown to enhance long term marginal integrity with no discoloration, sensitivity, secondary caries or loss of retention. And it saves procedure time by performing in the mouth's naturally moist environment with no need for priming, bonding or conditioning.

Features

Benefits

Calcium Aluminate Chemistry (CAIO)	Unique chemistry (Calcium Aluminate and Glass Ionomer combined chemistry = Calcium Aluminate Ionomer or CAIO) protects restoration's marginal integrity. Calibra Bio Cement also shows seamless adaptation at the cement-tooth interface.
A Bioactive Cement	Forms a self-repairing hydroxyapatite (HA) layer that can protect marginal integrity. If HA layer gets removed or damaged, HA at the cement-saliva interface continuously self-repairs to protect the marginal integrity of the restoration. Proven to form HA in the oral environment when exposed to saliva. In vitro study shows that the cement has the capability to fill artificial microscopic gaps up to 110 µm in height.
Ease of Handling - moisture-tolerant and easy cleanup	Calcium Aluminate and Glass Ionomer combined chemistry - works well with moisture. It has easy cleanup and is less technique - sensitive.
Simplified Cementation System for Zirconia	No primers necessary. No bonding. No conditioning. One and done system. With retentive strength at the same level as self-adhesive resin cements.
No shrinkage	Helps protect marginal integrity.
Bioceramic with Excellent Biocompatibility	Calcium Aluminate is bioceramic. Calibra Bio Cement's unique chemistry provides no adverse effect on living tissue. It has excellent biocompatibility with good sealing abilities.
No Hema. No BPA.	Safe cement