

# PROVISA CEM<sup>®</sup>

## INSTRUCTIONS FOR USE

### General Information

ProvisaCem Implant is non-eugenol, dual-cured temporary resin cement for luting implant-retained crowns. ProvisaCem Implant has excellent strength and durability, which allow long-term cementation of implant-retained crowns. It has mechanical retention only - not chemical - with ideal elasticity so that it is easy to remove temporary restorations. The dual syringe makes it convenient to control the ratio of base and catalyst and also dispensed amount. When used with auto-mix tips, it can be directly applied to crowns. The dual-cure formula makes it quicker to remove excess material after light-cured (5~10 sec).

### Composition

Organic Matrix: UDMA, HEMA

Inorganic Filler: Nano Silica

Additives: Initiator, Catalyst, Stabilizer, Others

### Indications

Temporary resin cement for luting implant-retained crowns.

### Precautionary Information

1. Check the expiration date and appearance condition of product and package.
2. Follow the application after being well acquainted with the Instructions for Use.
3. Do not use if the material has been cured.

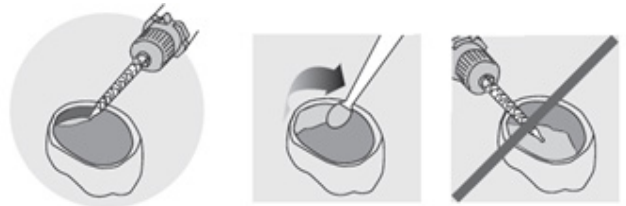
### Application

1. Check the fit, occlusion and proximal contacts of the crown.
2. Dry and isolate the prepared abutments. Absolute dryness is not necessary, but obvious contamination should be avoided.
3. Check the inside surface of the crown, and clean and dry.
4. Bleed syringe. Mount a new automix tip and then bleed the syringe again. This assures proper flow of base and catalyst.
5. For firm retention, only a thin layer of ProvisaCem Implant should be applied to the cervical third of the crown (or up to the cervical half depending on the amount of retention desired). Dispense a small bead of ProvisaCem Implant. Use the instrument

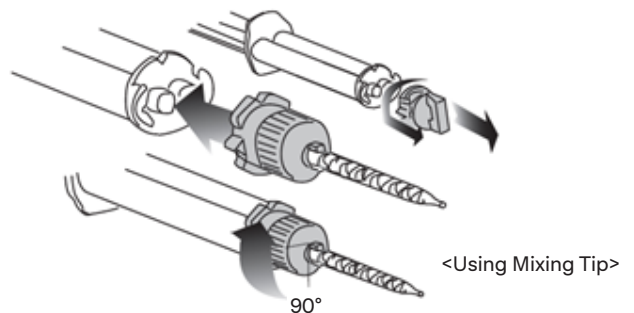
## TEMPORARY IMPLANT CEMENT

and microbrush to place a thin film of cement along the inside wall of the cervical third of the crown, making sure to completely coat the margin with cement (1.5 minutes of working time at room temperature).

**Note:** Excess cement should be avoided. Applying too much cement can cause future retrieval of the crown to become difficult or impossible.



6. Firmly seat the crown and hold in place until initial set occurs in 2-2.5 minutes. Remove excess material during the gel phase after 5-10 seconds light-cured, with a suitable instrument.
7. Final cement occurs in 3 minutes - 3 minutes 30 seconds, intraorally.



### 8. Timing

- **Working time:** 1 minute 30 seconds.
- **Chemical-Cured:** Within 6 minutes (intraoral).
- **Light-Cured:** (for removal of excess material during placement) Gel Phase

Minimum intensity 600 mW/cm <sup>2</sup> light	2 seconds
Maximum intensity 1800 mW/cm <sup>2</sup> light	1 second

### CAUTION

1. ProvisaCem Implant is designed for sale and use by licensed dental care professionals only. It is not designed for sale nor is it suitable for use by non-dental care professionals.
2. ProvisaCem Implant contains methacrylic

**CAUTION continued**

- monomer. Some patients can cause allergic reaction to monomer.
- Do not use ProvisaCem Implant for patients allergic to or hypersensitive to methacrylic monomers.
  - If ProvisaCem Implant causes an allergic reaction or oversensitivity, discontinue its use immediately.
  - Avoid contact of ProvisaCem Implant with eyes, mucosal membrane, skin, and clothing.
  - If ProvisaCem Implant has been in contact with the eyes, thoroughly flush eyes with water and immediately contact an ophthalmologist.
  - Use a rubber dam to protect the throat.
  - DO NOT use ProvisaCem Implant after the indicated expiration date on the syringe.
  - If refrigerated storage is used, allow product to reach room temperature prior to use.
  - Eugenol-containing materials could inhibit the polymerization of ProvisaCem Implant.
  - Acidic condition and acidic-containing materials could inhibit the polymerization of ProvisaCem Implant.

**Storage & Use**

- Do not expose the materials to elevated temperatures, or to intense light.
- Store ProvisaCem Implant at a temperature between 2-27°C.
- Ambient temperatures routinely higher than 27°C/80°F may reduce shelf life.
- Shelf life at room temperature is 24 months.
- See outer package for expiration date.
- Do not store materials in proximity to products containing Eugenol.
- Do not store materials in proximity to acidic condition.

**Warranty**

Benco Dental warrants this product will be free from defects in material and manufacture. Benco Dental MAKES NO OTHER WARRANTIES INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is responsible for determining the suitability of the product for user's application. If this product is defective within the warranty period, your exclusive remedy and Benco Dental's sole obligation shall be repair or replacement of the Benco Dental product.

**Limitation of Liability**

Except where prohibited by law, Benco Dental will not be liable for any loss or damage arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability.











**Customer Information**

No person is authorized to provide any information which deviates from the information provided in this instruction sheet.

Caution: U.S. Federal Law restricts this device to sale or use on the order of a dental professional.

**Disposal**

It should be handled according to local laws and regulations.

	Temperature limit
	Caution
	Keep dry
	Keep away from sunlight
	Manufacturer
	Batch code
	Date of manufacture
	Used-by date
	Medical device
	Federal law prohibits dispensing without a prescription

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