INSTRUCTION FOR USE

Prevacal LC

(Light Cured Calcium Hydroxide)

Prevacal LC is a light-curing, resin-modified calcium hydroxide paste designed as a radiopaque, flowable cavity liner and for indirect pulp capping applications.

The material provides an effective protective barrier for pulp tissues and enables accurate placement in deep cavity preparations. Its light-curing property ensures rapid setting and improved stability, allowing immediate placement of restorative materials over the liner.

COMPOSITION

Resin Modified Calcium Hydroxide, Zirconium Oxide (Radiopacifier), Photoinitiator system, Paste forming agents

INDICATIONS

Prevacal LC is indicated for:

- Indirect pulp capping in carious exposures
- As a cavity liner under all types of restorative materials

CONTRAINDICATIONS

- Hypersensitivity or idiosyncratic reaction to any of the components
- Known allergy to methacrylates or BHT
- Not to be used directly on large exposed pulp areas for temporary or permanent sealing
- Avoid use where complete isolation and proper clinical control cannot be achieved

WARNINGS & PRECAUTIONS

- Use rubber dam isolation whenever possible
- Avoid contact with oral soft tissues and gingiva
- Handle with care in patients sensitive to methacrylates and photoinitiators
- Do not apply on enamel margins of cavity preparations
- Ensure proper light curing; inadequate curing may affect performance
- Single-use needle cannula is recommended to avoid contamination
- Avoid moisture contamination during application and curing

INSTRUCTIONF FOR USE

A. As a Cavity Liner

1. Prepare a caries-free cavity according to standard dental procedures
2. Apply Prevacal LC directly into the cavity using a single-use needle cannula
3. Place material in a uniform thickness of 1–2 mm
4. Light cure using a 400–500 nm wavelength curing unit for approximately 20 seconds
5. After polymerization, adjust and smooth the liner using rotary instruments if required
6. Proceed with etching, bonding, and final restoration depending on clinical protocol and proximity to pulp

B. As Indirect Pulp Capping Material

1. Prepare cavity and remove infected dentin while maintaining affected dentin where appropriate
2. Apply Prevacal LC in 1–2 mm thickness using a single-use needle cannula
3. Light cure with a 400–500 nm curing light for approximately 20 seconds
4. In cases of minor pinpoint pulp exposure:
5. Control bleeding using a hemostatic agent (e.g., Preva Block)
6. Clean and dry the area before application
7. Place material carefully over the affected area
8. In cases of near pulp exposure, a temporary dressing may be placed for up to 21 days to support formation of secondary/reparative dentin
9. Proceed with final restoration after clinical evaluation

Prevalent Healthcare LLP, Poongode Road
Karutheni, Malappuram, Kerala - 679339, India.

STORAGE CONDITIONS

- Store at temperature between 15ºC (59ºF) to 25ºC (77ºF).
- Close the cap carefully after use.
- Keep away from moisture.
- Shelf life not affected after opening if stored in a cool dry place.

SHELF LIFE:

3 years from the date of manufacturing.

PRESENTATION

Ref: PL-0155- Prevacal LC- 2g Syringe

DISPOSABLE CONDITIONS

Dispose of according to local regulations and facility guidelines.

CONTACT DETAILS

Prevalent Healthcare LLP, Poongode Road, Karutheni, Malappuram, Kerala - 679339, India.
Ph.: +91 4931257954 Email: info@prevalentonline.com www.prevalentonline.com

Failure to comply with the specified storage conditions may alter the working characteristics of the material and reduce its shelf life.

The manufacturer is not responsible for any loss of quality resulting from non-compliance with the specified conditions for transportation, storage, and use of this product. The user assumes full responsibility for using the material for any purposes other than those specified by the manufacturer.

This material is intended solely for professional dental use. Application must be carried out strictly according to the instructions for use. The manufacturer accepts no liability for damages resulting from failure to follow the provided instructions or for use beyond the stipulated applications. The user is responsible for assessing the material's suitability for any purpose not explicitly stated in this instruction sheet. The descriptions and data provided do not constitute a warranty of attributes and are not legally binding.

This product is specially formulated for use in dentistry and to be used by qualified dental personnel

Symbol for "CAUTION"
Symbol for "CONSULT INSTRUCTION FOR USE"
Symbol for "KEEP AWAY FROM SUNLIGHT"
Symbol for "TEMPERATURE LIMITATION"
Symbol for "KEEP OUT OF THE REACH OF CHILDREN"
Symbol for "NON STERILE"
Symbol for "DO NOT USE IF PACKAGE IS DAMAGE"
Symbol for "MEDICAL DEVICE"
Symbol for "KEEP DRY"
Symbol for "USE BY"
Symbol for "BATCH CODE"
Symbol for CATALOGUE NUMBER"
Symbol for "MANUFACTURER NAME & ADDRESS"

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Karutheni, Malappuram, Kerala - 679339, India.