

## 35% Calcium Hydroxide Water Based Paste

Calci-Jen is a water based calcium hydroxide paste for pulp capping and temporary intra-canal dressing. The special submicron milling of Calcium Hydroxide particles and special surface anti-passivation treatment provides Calci-Jen with extra high biological activity. Fine particle distribution of Calci-Jen paste allows it to penetrate easily even into smallest tubulas of root canals. Syringes are provided with disposable tips allowing precise delivery and preventing cross-contamination.

### ●● Indication

- Indirect pulp capping for the pulp protection;
- Direct pulp capping when the pulp is exposed or a pulpotomy is performed;
- Lining of cavities to prevent contact with the acid media when using cements;
- As temporary and intermediate intra-canal dressing;
- Can be used for treatment of Periapical Cysts, Abscesses, Lesions, Root Resorptions and Apexifications.

### ●● Directions for use

**For Cavity Lining and Indirect Pulp Capping:** it can stimulate the formation of sclerotic and secondary dentin and protects the pulp against thermal and Chemical shock and dehydration.

Clean and dry the cavity thoroughly. Fit a delivery tip on the Calci-Jen syringe. Apply Calci-Jen paste in thin layers until the desired area is covered. Allow layer to dry with an air blower. Do not apply to the enamel cavity edges and remove any paste residual sticking to them. Then proceed with lining and subsequent restoration.

**For Direct Pulp Capping:** Calci-Jen is applied directly on the pulp in all pulp capping, pulpotomy and pulp-involved curettage procedures. It stimulates the pulp to form a new dentin bridge which becomes visible clinically after 2 – 3 months. Apply a very thin film of Calci-Jen on all exposed dentin and dry with an air blower. Place a bead of Calci-Jen about 3mm of thickness directly over the exposed pulp and dry with a slow flow of air until a surface crust appears. Take care that Calci-Jen does not set hard. Gently seal the paste with a cotton pellet to make sure it is in contact with the pulp. Place a thin layer of hard setting cement (GI cements are preferred) over Calci-Jen. After cement hardens, place final restoration.

**Note:** for pulpotomy and pulpal curettage procedures, treat pulp gently with appropriate hemostatic solution until blood clots, clean the area with appropriate bacteriostatic solution (like Chlorhexidine bigluconate solution) and then proceed as above. A local anesthetic may be used.

### ●● For Endodontic Treatment Dressing

First prepare and clean the root-canal (for example, using 3% hydrogen peroxide and sodium hypochlorite Solutions) and insert Calci-Jen paste using a Lentulo or by using a special root delivery tips. Then insert the filling. It is recommended to control the root-canal sealing by radiograph. Calci-Jen can be used as a dressing for the cysts, abscesses, lesions, etc. Also can be used for apexification and other hard tissue formation procedures. Close the syringe cap immediately after use.

### ●● Precautions

Postoperative sensitivity: if the root-canal is overfilled (the excess of material is beyond of apex), discomfort may result (sensitivity to pressure and/or swelling) but, as a rule the symptoms disappear within 24 – 48 hours. Contraindications or interaction: not known.

Do not use hardened paste. Do not use after expiry date.

### ●● Warranty

The manufacturer warrants the quality of manufactured products. The adverse events inflicted by violation of user manual, storage conditions and other events inflicted by non-stipulated usage of the material are not the subjects of warranty. The customer is responsible for determination of suitability of this product for user's application. Warranty conditions: the product does not comply with requirements declared by manufacturer. In this case the manufacturer replaces the defective material within warranty period.

### ●● Limitation of liability

The manufacturer's liability is limited by only cases stipulated by direct legislation of the country.

### ●● Storage

- Store at room temperature.
- Protect from direct light. Shelf life at room temperature is 2 years.
- Refrigeration will further increase shelf life.
- DO NOT FREEZE!

### ●● Recycling

Dispose of the medical device in accordance with local / regional / national / international legal requirements.

### ●● Presentation:

2 ml syringe with delivery tips.