

## CALSEPT

### Dental material based on calcium hydroxide for root canal filling in case of endodontic treatment of infected canals

#### Indications:

- for the treatment of infected root canals;
- for temporary filling the root canals with granulating and granulomatous periodontitis;
- therapeutic lining in cases of deep caries.

#### Composition

Calcium hydroxide	Calcium chloride
Barium sulfate	Soda
Sodium chloride	Distilled water
Potassium chloride	

#### Properties

As a result of inflammatory process in the pulp and periodontal tissue infection in the dentinal tubules penetrates the dentin of the root, so you need to carry out a temporary obturation with material like "Calsept" for prolonged antiseptic effects on additional root canals.

It was established that in case of root canal obturation by temporary material "Calsept" bacteria do not survive in 95% of cases.

Calcium hydroxide is a white powder, tasteless and odorless with a highly alkaline environment  $\text{pH} \approx 12$ .

**Attention!** For preservation of highly alkaline environment materials based on calcium hydroxide produced in special conditions according to special technology and should be stored in a sealed state (hermetically), since the contact with air calcium hydroxide converts to calcium carbonate (chalk) and loses its therapeutic properties.

#### Recommended use

Before filling the root canal you need to remove the pulp and softened infected dentin from there. Root canals are to be carefully processed mechanically and chemically.

In a wide straight root canal you can insert the cannula almost completely, squeeze the portion of paste "Calsept" and then condense it by conventional method.

In curved channels "Calsept" is applied to the orifice of the root canal and tightly condensed with endodontic instruments or sterile cotton points. The more you condense the paste, the better radiopacity of the material you get.

It is enough to fill the root canal to the apex, and in all narrow and curved canals as far as possible, in presence of the developed growing zone you need to stop 1-2 mm to the apex. In case of the introducing the material over the apex no troubles occur due to sterility and complete immune indifference of the material. Then the tooth cavity is closed with cement.

#### Package contents and storage

The material is packed in two plastic syringes by 2,5 ml each. 20 special cannules are enclosed.

**Do not leave the syringes open!**

Keep the material in cool dry place.

Recommended temperature is  $+4^{\circ}\text{C}$  to  $+24^{\circ}\text{C}$ .

Shelf life is 3 years.