

ZOE PASTE

For root canal filling

Indications

Filling the root canals of all groups of teeth.

Composition

Powder:

Zinc oxide
Paraform
Magnesium stearate
Barium sulphate

Liquid:

Eugenol

Material belongs to plastic hardening pastes. Hardening of the paste in the root canal occurs within 48-72 hours, that make possible the retreatment, if necessary. Main content of the powder is zinc oxide, barium sulfate is used as a radiopaque filler. The powder contains corticoids possessing property to significantly reduce the number and strength of painful apical reactions. Antiseptic substances are soluble in organic liquids as gradually, as the paste hardens, thereby it makes a therapeutic effect for a limited time.

Antiseptic action of a paste due to the presence of paraformaldehyde, lasts for a few hours after filling, which is necessary for sterilization of organic residues which may be in the root canal after removal of the pulp. This action of the paste will weaken as soon as it hardens until it stops.

Recommended use

The paste is prepared on a mixing pad or a glass plate. Powder and liquid are thoroughly mixed to obtain a soft paste. Ready paste is introduced to the root canal using reamer or rotary paste filler (such as Lentulo) on small speed clockwise motions. The excess of the material is thoroughly removed especially when the following restoration with composite materials is planned.

The prepared paste slightly dries in a natural way after 6-10 hours after mixing, but this can be easily solved by adding little amount of liquid.

Package and storage

The package of the material is 25 g of powder and 10 ml of liquid.

Material should be stored in a cool dry place.

Shelf life is 3 years.