

## METROZOL

### Dental material – a paste for the treatment of gangrenous pulpitis and periodontitis

#### Indications:

- as a medical dressing in root canals in the treatment of gangrenous pulp and periapical periodontitis and acute inflammations;
- for the treatment of granulomas, fistulas and cysts.

#### Composition and properties

Metronidazole  
Chlorhexidine  
Polymer base

Balanced combination of metronidazole and chlorhexidine, which provide the most effective antimicrobial action due to its wide range of bacteriostatic action, can suppress infections that occurred in the pulp. These drugs are usually intended for local use, they do not have a danger of addiction or allergy.

Metronidazole is a derivative of nitroimidazole, it has antiprotozoal and antibacterial action. The mechanism of action of metronidazole is in biochemical interaction with DNA of microbial cells by inhibiting synthesis of nucleic acids, which leads to the death of the bacteria.

Chlorhexidine is an antiseptic. It has antimicrobial action. The mechanism of action consists in the fact that at high concentrations of chlorhexidine cytoplasmic contents and precipitated bacterial cells leads to the death of the bacteria.

#### Recommended use

Isolate the tooth from contamination with saliva. Before applying the paste make the preparation – remove the carious dentin and pulp residues from the root canal. After completion of the processing of the canal dry it and introduce the paste "Metrozol" with rotary paste filler to the apex. In the cavity put a rolled ball of sterile cotton wool and over the top of it impose tight temporary bandage.

On the second visit after 2-3 days, remove the temporary material and residues of paste "Metrozol". Determine the effectiveness of treatment. If necessary, repeat the treatment. In case of a positive result clean and treat the root canal using EDTA-containing materials having from time to time processing with sodium hypochlorite. After processing is complete, thoroughly dry the canal and fill it with a suitable material for root canal filling.

#### Package contents and storage

Paste "Pulposeptine" is available in tubes of 8 g.

Keep in cool dry place with temperature from +4°C to +14°C.

Shelf life is 3 years.