

COMPOSITION

Chlorhexidine bigluconate (2 %), metronidazole (10 %)

PROPERTIES

Chlorhexidine bigluconate and metronidazole are antiseptics, inhibiting anaerobic flora of root canals. Due to their hydrophilic base, gels are easily inserted into canals, deeply penetrate into dentinal tubules and easily washed out of root canals with water.

Antiseptics are active against gram-positive and gram-negative bacteria. Mechanism of action of chlorhexidine bigluconate is connected with its ability to destroy microorganism cell membranes permeability.

Metronidazole has broad spectrum against protozoa anaerobic bacteria (spore- and nonspore-forming bacteria), bacteroides and fusobacteria. Mechanism of antimicrobial action is in binding nitro group of metronidazole molecule with DNA molecule of microorganism and in termination of nucleic acids synthesis. Metronidazole has an inhibiting action on aerobic bacteria: after bacteroid decomposition of metronidazole, appear metabolites, which inhibit the growth of aerobic bacteria. Dental products are produced for using in aggressive biological medium with the temperature range between 32 °C and 42 °C (in oral cavity at the temperature (37±1) °C and humidity (60–90) %).

INDICATIONS

ANTISEPTIC GELS are used for treatment of gum disease and treatment of infected root canals with:

- gangrenous pulpitis
- chronic form of periodontitis
- acute periodontitis; after treatment with nonspecific antiseptics or drugs, based on antibiotics or corticosteroids

CONTRAINDICATIONS

Drug idiosyncrasy
Do not misuse

SIDE EFFECTS

No known side effects as far as application, transportation and storage terms are observed

METHODS OF USE

Attention! It is recommended to store material at room temperature (22–24) °C within 2 hours before use.

For treatment of infected root canals gel should be inserted in prepared, cleaned and widened root canal with the help of disposable tip. Depending on indications, gel can be left in canal under temporary dressing for 3–5 days. If necessary the procedure should be repeated with fresh portion of gel. In case of improvement, at the final stage of treatment, wash the gel out of the canal, dry and fill the canal and make the restoration of the crown.

For treatment of periodontitis insert gel into periodontal pockets and leave it for 1–2 days under temporary dressing. After 1–2 days clean the pockets and if necessary fill with new portion of gel.

PRESENTATION

Gel (syringe)	5 ml
Gel + M (syringe)	5 ml

STORAGE

Store at the temperature from 5 °C to 25 °C
Tightly close container immediately after use
Do not use after expiry date
Shelf life — 3 years

MANUFACTURER

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