



# EDTA Gel 17%

## Gel for root canals preparation

Developed by Endodontists



Use within 12 months of opening the box



Keep dry



See instruction for use



Keep Protected from sunlight



Non sterile

### Rx Only

**Before Use Please Read The Following Instructions Carefully**  
**Product For Dental Use Only**

### CAUTION:

This is water soluble EDTA Gel containing 17% EDTA with 10% Carbamide Peroxide for assisting mechanical preparation of the root canal.

### Composition:

Disodium edetate (EDTA 17%), 10% Carbamide Peroxide, Gel base.

### Intended use:

EDTA Gel 17% is intended for assisting mechanical preparation of the root canal. EDTA contained in the product helps to remove calcium salts and pulp from decalcified root canals, enabling for faster cleansing and shaping the canals. Thanks to the lubricant substances contained in the product, it is much easier to work with the root canal instruments and the risk of breakage of the instrument in the root canal is minimized.

### Indications:

- For assisting initial negotiation of the root canal with a No. 10 K file.
- Helps emulsification of vital pulp.
- Lubricates instruments and makes preparation easier and reduces the chance of instrument separation.

### Properties:

- 17% EDTA gel with lubricant
- Decalcifies canal walls
- Facilitates instrumentation
- Minimizes binding and breaking of files
- Rinses out easily with irrigation
- Contains surfactant
- Perfect Gel Consistency

### Instructions for use:

- Before the treatment immerse attached applicator into ethyl alcohol and then place it onto the syringe.
- Open the tooth cavity and rinse it with sodium hypochlorite.
- Insert the preparation into the access cavity by means of attached applicator or place it directly onto the root canal instrument.
- Prepare the canal mechanically while rinsing it with sodium hypochlorite simultaneously.
- Product intended for multiple use except the applicator which is for single use only.
- Multiple use of applicator may cause the risk of reinfection.

### Contraindications:

- Do not use 17% EDTA gel for patients with hypersensitivity to the product's components.
- Do not leave 17% EDTA gel in the canal or in the tooth cavity between the visits.

### Description of activity:

Preparation is intended for use during chemo-mechanical root canal rinsing and preparation. Surfactant's contained in the product make introduction of the tool into the root canal easier and minimize danger of its impaction or breakage in the root canal.

Activity of the disodium edetate is based on reaction between EDTA and mineral components of the tooth's hard tissues. By absorption of calcium from the root canal, disodium edetate softens tissue and makes mechanical preparation of the root canal easier.

### Precautions:

- Caution should be taken during canal preparation close to the apex area/ bypassing a ledge, because it may cause perforation of the canal because of use of root canal instruments. It may be irritating to skin and eyes. In case of contact, rinse immediately with plenty of water and seek for medical advice.
- In case of consumption drink copious amount of water. Seek for medical advice. Necessary use of rubber-dam while working with the product. Use gloves, protective glasses and appropriate clothing.

### Storage:

Store in original packaging at temperature below 25°C. Store out of reach of children. Expiry date is placed on the main container. Once container is open, the expiry date doesn't change if it is securely closed after each use.

### Handling the product container:

Empty containers should be disposed of responsibly or returned to the manufacturer.

**Shelf Life:** 2 years from the date of manufacturing.

### Packaging:

Syringe containing 3 gm. of EDTA Gel 17% with disposable applicators.