INSTRUCTION MANUAL

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Catalog No: A00091
Components: Ethylenediaminetetraacetic Acid, Water, Binder, and Modifier.
Packaging: 250 mL, 1000 mL

EDTA LIQUID ROOT CANAL PREPARATION LIQUID

1- Description
E.D.T.A. effectively removes demineralized inorganic debris and remnants from the canal by forming complexes with calcium and debris. It helps to drain the canal quickly and cleans the canal walls due to its liquid form, which provides ease of use. The liquid forms chelate-type complexes with calcium apatite and similar structures in dental tissues, making them soluble. This facilitates the removal of both organic and inorganic demineralized structures from the canal. It functions by demineralizing dental particles through chelation of calcium and magnesium, aiding their dissolution and absorption.

2- Usagearea / Indications
In endodontic treatment, it is primarily used to facilitate canal instrumentation in narrow canals, remove the smear layer on the inner surface of prepared canals, and increase the canal filling capacity of the sealer.

3- Usage
I) Endodontic: When starting the preparation, apply some EDTA Liquid to the root canal entrance using the application tips. Allow the product to chelate for 2 to 3 minutes. Then begin the preparation. Within 5 to 6 minutes, the product will complete chelation, reach saturation, and lose its effectiveness. At this point, all of the EDTA Liquid will have reacted with the dentin and been neutralized. Rinse the canal and repeat the process until the desired enlargement is achieved. Keep the canal moistened with EDTA Liquid during the procedure. After finishing the preparation, thoroughly rinse with one of the solutions you are using (e.g., Dakin Solution, Milton's Solution, Chlorinated Soda, Tergipol, or Tergencal).

II) Prosthesis: After preparing the canal, apply a few drops of EDTA Liquid to the root canal and let it act for 5 minutes. Rinse with chlorinated water. If necessary, repeat the process. Dry the canal using paper points and apply cement according to the techniques required by the selected product.

III) Periodontic: Remove granulation tissue from the area of tartar. Apply EDTA Liquid and allow it to work for 2 to 3 minutes. Continue by scraping (processing) the root surface. If additional applications are needed, repeat the process to clean even the thickest deposits.

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4- Contraindications
Do not use in patients with hypersensitivity to its ingredients.

5- Side effects
As it is a base, it may cause irritation if it comes into contact with living tissues.

6- Warning
In case of contact with skin or eyes, rinse with plenty of water. Do not use if there is a known allergy to any of its ingredients.

7- Storage conditions:
Store at room temperature between 5ºC – 30ºC as recommended. Protect from moisture, extreme heat, and cold.

NOTE:
Our products are intended for use in dentistry and are not suitable for non-professional use. Since the application of these products is beyond our control, the user is fully responsible for their use. We recommend using the product in accordance with the information and warnings provided in the instructions.

** **Disposal:** Products should be treated as biological hazards and disposed of in accordance with the country's legal regulations and hospital policies.

8- Symbols and Meanings:

LOT	Lot number		Manufacturing Date
REF	Catalog Number		Manufacturer
	Use on time		Keep away from sunlight
	Warning, Consult the accompanying documents.		Refer to the Instructions Manual
5 30	Storage temperature range	CE 2292	Notified body
	Store in a dry place.		

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