

# Root Prep..

## Root Canal Preparation Cream

10% Carbamide Peroxide,  
15% Ethylenediamine-tetraacetic acid  
in a special water-soluble cream base



### PRODUCT DESCRIPTION:

D-Tech Root Prep paste is a formulation of EDTA in paste form indicated for use while doing biomechanical preparations of root canal. EDTA is bio-friendly material and helps bio-mechanical process by chelating dentin. Root Prep formulation is an extremely stable and consistent paste which aids in easy application. It also acts as a lubricant allowing the files to glide along the canal surface for easy preparation of the root canal.

### FORMULATION:

EDTA and Carbamide Peroxide in a water soluble glycol base with lubricating ability.

### FEATURES & INDICATIONS FOR USE:

1. Facilitates cleansing & shaping of root canal. The active ingredient EDTA helps remove calcification from the canal surface (due to chelating action) enabling the endodontic instruments like reamers & files to quickly cleanse & shape the canal.
2. Special ingredients in the formulation help brighten up discoloured teeth at the pulp level when used in conjunction with Sodium Hypochlorite.
3. The bubbling action when used with Sodium Hypochlorite helps in extensive cleaning of the root canal by ejecting upwards the debris and necrotic tissue from inside the canal.
4. The waxy nature of this formulation helps the files / endo instruments glide along the surface and allow the dentist to shape the canal in the best possible way.

### DIRECTION OF USE:

Step 1 - It is ideal and recommended to isolate the tooth which is being treated, with a rubber dam.

Step 2 - The pulp chamber is accessed and opened as usual and then irrigated with sodium hypochlorite solution and or deionised water.

Step 3 - Study the canal structure and shape and choose the right instruments. In highly curved canals it is recommended to use flexible Ni-Ti files.

Step 4 - Coat the instruments with Root Prep. You will find that the creamy formula allows Root Prep to fully coat the instrument and stay in place without dripping. This allows for easy canal preparation. Use the instrument as usual, starting with just half the canal and proceeding further in a stepwise manner. Between each step, use a gentle irrigation with Sodium Hypochlorite.

You shall observe a bubbling action and the debris rising to the surface. The combined rotation and reciprocating action of the instrument also helps to pump out the debris. Repeat the process until you have fully clean and prepared canal. Root prep is highly soluble in water and so it leaves no residue in the canal post irrigation. Nevertheless, thorough irrigation and rinsing is recommended until all the bubbling action has ceased completely.

### CONTRA INDICATIONS:

No known contra indication exists for this product  
No known systemic allergy is recorded.  
However, the practitioner is advised to observe the patient carefully for any signs of allergy.

### PRECAUTIONS:

Avoid pushing of material peri-apically. Use radiographs combined with tactical feel to ascertain the canal depth & apex location.

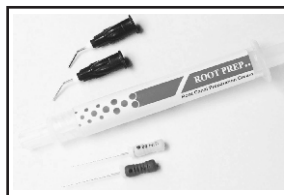
### PACKAGING:

- 1 Syringe of 3gm Root Prep Paste
- 5 Applicator tips

### STORAGE:

Store in cool dark place. Keep away from direct

For Professional use only in the practice of dentistry



AVOID CONTACT WITH SKIN, EYES  
STORE IN A COOL AND DRY PLACE



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