

# DiaDent® DiaPex® Plus

Root Canal Filling Material

DiaPex Plus is a calcium hydroxide paste with iodoform, used as a temporary root canal filling material

## Applications

- Root canal filling material
- Apexification and hard tissue formation
- Apexogenesis

## Advantages & Effectiveness

- Quick and simple application, one hand use
- Premixed paste eliminates messy mixing and comes in a convenient syringe
- Promotes apexification and apexogenesis
- Easy removal
- Performance  
Radiopacity :  $\geq 3$ mm (ISO 6876)  
Flowability :  $\geq 17$ mm (ISO 6876)

## Directions

1. Before using DiaPex Plus, ensure that the syringe and tip are free of damage. (e.g. chips, cracks, deformation, and/or other defects)
2. Protect the oral cavity by using a rubber dam.
3. Wipe and disinfect the outer syringe and tip with alcohol as tips come unsterilized.
4. After root canal preparation, the canal is irrigated and dried.
5. Insert the tip of the DiaPex Plus syringe to one fifth of root canal length from the apex. The tip is bent to obtain easier access to canal.
6. Slowly and gently press the piston of the syringe to extrude the paste. The paste should reach the periapical tissue and the tip should be pulled out slowly. The paste should reverse back to the pulp chamber.
7. After placing the paste in the canal and fully removing the syringe, clean off any excess paste.
8. After each application, the used tip should be discarded and a new tip or the silicon cap put back on.
9. Once the procedure is done, take an X-Ray to check the seal.

## Removal

1. Find an appropriate size of file to insert into the canal to scatter the paste and to obtain canal patency.
2. Irrigate with 5.25% sodium hypochlorite solution.
3. Irrigate with an ultrasonic irrigation tip (preferably a nickel titanium tip) to irrigate the canal for at least a minute. (Recommendation)
4. Repeat the above step at least 3 times to endure complete removal of paste remnants. Dry the canal with paper points after.

## Storage

1. Store in a dry and cool place. (2~27°C)
2. Avoid exposure to direct sunlight.
3. Shelf life is 3 years from manufacturing date.

## Caution

1. It is prohibited to use the product for the other reasons than the Intended use.
2. Use only under described direction.
3. For professional use only.
4. Do not use this product on patient with past history of allergy or irritation to DiaPex Plus or iodine compounds.
5. DiaPex Plus can cause severe eye irritant and skin irritant. In case of contact with the eye, flush with ample amount of water and seek medical attention immediately. In case of contact with skin, wash with soap and water immediately.
6. DiaPex Plus cannot be used as a permanent root canal filling.
7. Do not press the piston to extrude the paste with excess force as the patients may feel acute pain.
8. Take note of the graduated marks on the syringe to avoid overfilling the apex with excess paste.
9. DiaPex Plus should only be applied if the exudates are stopped.
10. Pay attention to the location of the mandibular canal under the lower molar teeth.
11. Pay attention to the positional relationship between the maxillary sinus and the upper molar teeth
12. This filling remains in the body for 29days or LESS

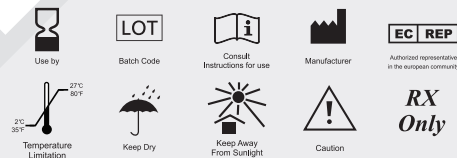
## Application notes

Do not fill pass the apex. Overfilling may cause pain or other adverse symptoms in the patient.

## Contraindication

Hypersensitivity against epoxy resins, amines or other components of the root canal filling material.

## Symbols



## Warranty and Limitation of Liability

DiaDent Group International will replace product that is proven to be defective. DiaDent Group International does not accept liability for any damage or loss, direct or consequential, stemming from the use of or inability to use the product described. Before using, it is the responsibility of the user to determine the suitability of the product for its intended use. The user assumes all risk and liability in connection therewith.

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144 x 205mm