

5 Steps Endo Smart Kit

5-Steps Systematic Endodontic Treatment Kit For Predictable & Efficient Endodontics

This kit has been designed by endodontic experts to cater to the needs of clinicians practicing endodontics. The kit is a one stop solution for predictable endodontics. The products have been thoroughly researched to deliver superior performance.

Ref. No. 40036

Kit Contents :

1 x 2g Syringe Calcigel, 5 x Applicator Tips (Ref : 40007), 1 x 2g Syringe Calplus, 5 x Applicator Tips (Ref : 40005), 1 x 2g Syringe Dolo, 5 x Applicator Tips (Ref : 40002), 1 x 3g Syringe Pulp-X, 5 x Applicator Tips (Ref : 40022), 1 x 3g Syringe Orafil-LC (Ref : 11002-1), 1 x 2g Syringe Chlor X Gel, 5 x Applicator Tips (Ref : 40026-2), 1 x 15g Cartridge ZicalAutomix, Base & Catalyst Paste, 10 x Automix Tips (Ref: 40010).

CALCIGEL

ALL PURPOSE CALCIUM HYDROXIDE PASTE

Product Description : Ready to use radiopaque, pre-mixed, calcium hydroxide paste with barium sulphate. Calcigel is a creamy paste used as a liner or as a temporary dressing. Owing to its high alkalinity (pH12) Calcium Hydroxide neutralize the free acids of the obturating cements and of the restorative materials. It reduces the hypersensitivity of the dentine and helps the neoformation of secondary dentine.

Composition : Paste contains Calcium Hydroxide, Barium Sulphate, Methyl cellulose and purified water.

Indications : As a liner for pulp capping on vital pulp. Capping after pulpotomy. Cavity Lining before filling Root canal treatment and periapical therapy.

Instructions for Use : Attach a disposable applicator to the syringe. Apply a small amount of Calcigel to the clean, affected area. Allow to dry before restoration.

Warning : Avoid prolonged or repeated contact with skin (allergic contact dermatitis), and eyes. Avoid prolonged inhalation. Do not take internally. Contact with the skin may cause irritation, burns or hypersensitivity. If contact with skin occurs, immediately wipe off thoroughly with cotton and alcohol and then wash well with soap and water. If skin rash and sensitization or other allergic reaction occurs, discontinue use and seek medical attention. If the product comes into contact with the eyes, rinse thoroughly with fresh water and consult a physician. It should not be used with patients who have a history of severe allergic reaction to any of the components.

Storage Conditions : Store at temperature between 10°C to 24°C. Close the cap carefully after use. Keep away from moisture. Shelf life not affected after opening if stored in a cool dry place.

Shelf life : 3 years from the date of Manufacturing.

Disposal conditions : To be disposed off based on the prevailing rules of the country in which it is used.

CALPLUS

CALCIUM HYDROXIDE PASTE WITH IODOFORM

Product Description : This is premixed oil based calcium hydroxide paste containing iodoform. The addition of iodoform to calcium hydroxide improves radio-opacity and improves disinfecting property of the paste. Non Hardening paste, solubilized calcium hydroxide remains active in root canal for a longer time.

Composition : Calcium Hydroxide, Iodoform, Silicon Oil.

Indications : ♦ Disinfects canals ♦ Inhibits bacteria growth ♦ Promotes periapical healing ♦ Stimulates apexification and apexogenesis ♦ Temporary filling material for infected root canals ♦ Treatment of root resorption.

Instructions for Use : After root canal preparation, clean and dry root canal. Attach disposable needle to the syringe and check the flow of paste through the needle. Insert needle into the canal, about 2mm short of the apex. Fill canal completely by pushing the plunger while slowly withdrawing the syringe. Clean excess paste with a sterile cotton pellet.

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DOLO

EDTA GEL FOR ROOT CANALS

Product Description : Dolo EDTA Gel is 17% EDTA with 10% carbamide peroxide in water soluble gel base for use in chemical and mechanical cleansing of root canal preparation. It lubricates the root canal, chelates the calcium salts to facilitate endodontic instrument penetrations. Due to its effervescent action with sodium hypochlorite solution, cleaning of root canal becomes very easy. The use of sodium hypochlorite with the gel promotes internal bleaching of the tooth. This process is enhanced by the release of oxygen from carbamide peroxide.

Composition : EDTA, Carbamide Peroxide, Glycerine and Polyethylene Glycol.

Indications : For chemical & mechanical preparation of root canals. Cleansing and enlarging of calcified root canals.

Instructions for Use : Apply Dolo EDTA Gel at the canal opening with a pellet or coat the instrument to be used with the gel for lubrication. Fill and ream canal by conventional method, Irrigate with 3% Sodium Hypochlorite solution to remove the debris from the canal. Rinse the canal with water to remove the EDTA Gel. Dry Canal with absorbent paper points before filling.



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Precautions : Avoid injecting solution beyond apex of canal.

Storage Conditions : Store at temperature between 10°C to 24°C. Close the cap carefully after use. Keep away from moisture. Shelf life not affected after opening if stored in a cool dry place.

Shelf life : 3 years from the date of manufacturing.

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PULP-X

PULP DEVITALIZER

Product Description : Pulp-X is a devitalizer paste which provides powerful pulp devitalizing properties due to paraformaldehyde. It is a fast acting and pain relieving paste, easy to apply.

Composition : Formaldehyde liquid, Eugenol, Parachlorophenol, Polyethylene Glycol, Fumed Silica and excipients.

Indications : Pulp Devitalizer prior to mortal extirpation or amputation. Residual devitalization after removal of non-vital pulp tissue.

Instructions for Use : Eliminate as far as possible, the dentine of the decayed cavity in order to ensure close contact with the pulp. Close contact of the paste with the pulp accelerates the devitalizing process. Insert a pellet of paste into the base of the cavity and seal hermetically with a temporary cement. Devitalization is completed within five to seven days. After devitalization, a permanent root canal filling can be placed once the pulp is totally removed and pain relief is complete.

Warning :

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Storage Conditions : Store at temperature between 10°C to 24°C. Close the cap carefully after use. Keep away from moisture. Shelf life not affected after opening if stored in a cool dry place.

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ORAFIL-LC

LIGHT CURED TEMPORARY FILLING MATERIAL

Product Description : Orafil-LC is a light-curing material for temporary filling and sealing. The elastic consistency assures an easy removal, even in case of undercuts, and finishing the cavity is not necessary. Thus the fitting of the temporary filling will be improved. Orafil-LC is available in syringes for direct application into the cavity.

Composition : Urethane Dimethylacrylate, 2-Hydroxyethyl Methacrylate, Amorphous Silica, Camphorquinone, 2-Dimethyl Amino Ethyl Methacrylate, BHT, Pigment.

Indications : All types of temporary fillings, temporary protection in inlay and onlay technique.

Application :

1. Preparation, lining and impression to be carried out as usual. Rinse and dry the cavity.

2. Apply Orafil-LC into the cavity with a suitable instrument (round condenser, spatula, etc.)

Handling : Contour with slight excess. For use in the inlay and onlay technique, keep the approximate contact points free of resin with dental floss or a matrix before curing to maintain tooth mobility. Cure for 20 - 40 s (depending on layer thickness) with a conventional polymerisation device. The light output should be a minimum of 500 mW/cm² on halogen polymerisation devices and 300 mW/cm² on LED devices. As a rule, 4 mm deep layers are sufficiently cured in 40 s. Increased exposure times are required when the light source cannot be brought close enough to the material. Check occlusion. Excess can be removed with a scalpel. Silicone points are suitable for grinding.

Removal of the temporary filling : Insert a rigid instrument into the temporary filling and extract it. Simply stick in a probe and remove the filling.

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Contraindications : If allergic to methacrylate resins.

Storage Conditions : Store at temperature between 10°C to 24°C. Close the cap carefully after use. Keep away from moisture. Shelf life not affected after opening if stored in a cool dry place.

Shelf Life : 3 Years from the date of manufacturing.

Disposal conditions : To be disposed off based on the prevailing rules of the country in which it is used.

CHLOR-X GEL

GEL FOR DISINFECTION OF ROOT CANALS AND TOOTH SURFACES

Product Description : Chlor-X Gel is a lightly flavoured gel containing 2 % chlorhexidine.

Composition : Chlorhexidine, Purified Water, Ethyl Alcohol, Thickeners, Spearmint Flavour and Colorant.

Indications :

1. Disinfection of root canal systems.

2. Disinfection of tooth surface prior to crown cementation, luting and direct restorative placement.

Instructions for use : (Direct composite restorations and resin luted restorations)

1. Clean the area and etch the surface to be bonded. 2. After rinsing the etchant, dispense a small amount of Chlor-X Gel and thoroughly rub for 60 seconds. 3. Remove the excess gel to obtain a moist surface. 4. Bond the tooth surface using an appropriate bonding agent.

Note : For other restorations, clean the tooth, apply Chlor-X Gel and scrub thoroughly for 2 Min. Rinse the excess gel using sterile water. Dry and place the restorative material.

Instruction for Use : (Endodontic Disinfection)

1. After the final cleaning and shaping, irrigate the canal with 17% EDTA liquid.

2. Rinse the canal thoroughly with sterile water and place the Chlor-X Gel in the canal between appointments.

3. Rinse the canal thoroughly using sterile water or saline on subsequent visit.

4. Dry the canal using paper points and obturate.

Caution : 1. Chlor-X Gel may interfere with the setting of tri calcium silicate (MTA) based obturating materials.

2. Do not use Chlor-X Gel directly with Sodium Hypochlorite because of brown deposits which is hard to remove and brown precipitate will form.

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Storage Conditions : Store at temperature between 10°C to 24°C. Close the cap carefully after use. Keep away from moisture. Shelf life not affected after opening if stored in a cool dry place.

Shelf Life : 3 years from the date of manufacturing.

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ZICAL

ROOT CANAL SEALER

Product Description : Zical Root Canal Sealer is a resin based sealer in paste-paste form for permanent filling dental root canals. This sealant has been specially designed to tightly seal the apex of the root and the prepared root canal. It can be easily removed along with Gutta Percha Point when refilling is necessary. Zical is radiopaque, non staining, non irritating with excellent thermal insulation. Its long working time and lubricating qualities are additional features. Low zinc oxide contents of the composition alleviate some of the cytotoxic and inflammatory effects of the tissues.

Composition : Zical is a paste-paste composition.

Paste A contains : Zinc oxide, Magnesium oxide, Calcium Phosphate, Bismuth Sub-carbonate, Barium Sulphate, Sodium Borate and Olive oil.

Paste B contains : Vinyl Polysiloxane, Hydrogenated Resin and Fumed Silica.

Instructions for Use : The root canal should be thoroughly clean and dry before filling. Extrude small amount of pastes on mixing pad and mix thoroughly with spatula for 30 seconds to obtain a homogeneous paste. Introduce the paste into the prepared canal with root explorer. Wet the G.P Point with the paste and insert the wet G.P. Point into the Canal. Remove excess GP Point and seal the coronal end with base sealer. Net setting time is 45-60 minutes

Warning :

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Precautions : Do not overfill the root canals with the paste. Do not use on patients who have history of allergic reactions to any of the components. Avoid contact with eyes.

Storage Conditions : Store at temperature between 10°C to 24°C. Close the cap carefully after use. Keep away from moisture. Shelf life not affected after opening if stored in a cool dry place.

Shelf life : 3 years from the date of manufacturing.

Disposal conditions :

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Symbol for "BATCH CODE"	Symbol for "USE BY"	Symbol for "NON STERILE"	Symbol for "KEEP DRY"
Symbol for "CAUTION"	Symbol for "CONSULT INSTRUCTION FOR USE"	Symbol for "CATALOGUE NUMBER"	
SYMBOL FOR EUROPEAN COMMUNITY AUTHORIZED REPRESENTATIVE	Symbol for "DO NOT USE IF PACKAGE IS DAMAGE"		
Symbol for "KEEP OUT OF THE REACH OF CHILDREN"	Symbol for "MANUFACTURER NAME & ADDRESS"		
Symbol for "TEMPERATURE LIMITATION"	Symbol for "KEEP AWAY FROM SUNLIGHT"	Symbol for "MEDICAL DEVICE"	

The material has been developed solely for professional dental use. Application should be carried out strictly according to the instruction for use. Liability cannot be accepted for damages resulting from failure to observe the instructions of the stipulated area of applications. The user is responsible for testing the material for its suitability and use for any purpose not explicitly stated in this instruction sheet. Description and data constitute no warranty of attributes and are not binding.