GTIN: 7640178010543
Medi MTA
Endodontic filling Material

INTRODUCTION:
Medi MTA consists of an extremely fine, radiopaque, inorganic powder of tricalcium and dicalcium silicate, which sets with a water–based gel for improved placement.

Indications for Use:
1. Pulpotomy
2. Pulp capping
3. Root-end filling
4. Apexification
5. Perforation repair
6. Root resorption

Contra-Indications:
Hypersensitivity against caustic (high pH) solutions, not for root canal disinfection.

Direction for Use:
1. Shake the Powder Dispensing bottle.
2. Using the spoon, place 1 level spoonful of powder onto the mixing paper pad (a glass slab can be used).
3. Shake the liquid bottle. Open the cap and dispense drops of gel from the liquid bottle.Starting with 1 drop of gel, but adding more until the desired consistency is achieved.
4. Using a spatula, gradually mix the liquid into powder until the desired consistency is obtained. Thoroughly mix with the spatula to ensure all the powder particles are hydrated. **Medi MTA** cement will be creamy and homogeneous after mixing.

NOTE:
Use **Medi MTA** cement immediately after mixing. Do not leave the mixed cement on the mixing pad for a prolonged period in contact with air, due to evaporation.

Applications:
Pulp Capping and Pulpotomy
1. Complete a cavity preparation outline under rubber dam isolation.
2. Excavate all carious tooth structure using a round bur at low speed, or use hand instruments.

For pulp capping:
1. Gently rinse the exposed pulp with sterile a saline solution.
2. Control hemorrhage with pressure on the exposed pulp using a cotton pellet moistened with saline.

For pulpotomy:
1. Remove all remnants of coronal pulp tissue to the level of the orifice of each root canal in multi-rooted teeth. 2.In single-rooted teeth, remove the pulp to 2mm below the level of the cemento-enamel junction.
3. Insert **Medi MTA** cement on the pulp exposure, or over the floor of the cavity preparation.
4. Remove excess material at the site with a dry cotton pellet.
5. After application, dry with a small blast of air. Place a flowable composite material (e.g.Medi galaxy Flow or a resin-rein forced glass ionomer cement **(Medi GIC VLC**) over the **Medi MTA** cement.

NOTE:
A composite may be placed on the occlusal. When etching for composite placement, do not etch the **Medi MTA** cement; **etch only the tooth**.
6. Assess the pulp vitality at three-month intervals or as needed. Periapical status should be assessed by radiographic exams.

Perforation repair (Pulp Chamber)
1. Apply antibacterial solution for 60 seconds. Do not rinse. Gently air dry.
2. Place MTA cement into the defect. Depending on the access to the defect.
3. Confirm the placement with a radiograph.
4. Remove excess material at the site with a sterile dry cotton pellet and rinse gently.
5. After application, dry with a gentle blast of air. Place a composite material or a glass ionomer restorative material over the
MTA Flow cement.

For professional dental use only
Made in Switzerland

SwissMediTec
Bahnhofstrasse 42
6162 Entlebuch
Switzerland
Tel.:+41 41 481 00 86
+41 79 482 32 98
www.swiss-meditec.ch
Email:info@swiss-meditec.ch