

PRODUCT INFORMATION

OliIMTA Universal is an endodontic repair cement in Direct Caps. OliIMTA Universal powder is consisting of very fine hydrophilic particles of several mineral oxides. After contact with OliIMTA Universal liquid it forms a gel that hardens to an impermeable barrier. OliIMTA Universal is delivered in Direct Caps. Direct Caps are easily activated and the content of the capsule is easily ejected out with the Direct Gun. Capsule mixing (mixing time 30 seconds) is achieved by a high frequency mixer with about 4,300 oscillations/min.

INDICATIONS

- Repair of root perforations during root canal therapy
- Root end filling (retrograde)
- Pulp capping
- Root end filling (orthograde)

CONTRAINDICATIONS

Not known

SIDE EFFECTS

Not known

ACTIVATION AND MIXING (SEE INSTRUCTION FOR Direct Caps)

Activate and mix the Direct Cap according to the information in the Direct Cap instruction. Mixing time for the Direct Caps is 30 seconds.

Attention: Avoid lag times between the processes of activation, mixing and application as the material is in the process of setting and lag times may impair or prevent application of the material. The material must be extruded within 10 seconds after the end of mix.

To prevent dehydration during setting, apply OliIMTA Universal intraoral immediately after mixing.

Working time of OliIMTA Universal is approx. 2:00 minutes (at 23 °C).

APPLICATION**Repair of root perforations**

Place rubber dam and clean the root canal system using intra-canal instruments and irrigate with NaOCl. Dry the root canal with paper points and isolate the perforation.

Fill the apical canal space up to the perforation completely with a suitable root canal filling material. Mix OliIMTA Universal as above described and extrude it on a glass plate.

Apply OliIMTA Universal with suitable instruments into the perforation site and condense it.

Check the position of OliIMTA Universal in the root canal by an X-ray. If an adequate barrier has not been created, rinse OliIMTA Universal out of the canal and repeat the procedure.

Remove excess moisture with a damp cotton pellet or a paper point.

Place a damp cotton pellet in the access to the root canal and apply a temporary filling material (e.g. OliFill LC). Alternatively seal the access preparation with a suitable root canal filling material and seal the cavity with a tight filling. Both options can be done not before 5 minutes after placement of the OliIMTA Universal.

OliIMTA Universal repair material remains as a permanent part of the root canal filling.

Root end filling (retrograde)

Create an access to the root-end and resects the root with a surgical bur. Use an ultrasonic tip to prepare a class I root-end cavity preparation to a depth of 3-5 mm.

Isolate the area and dry the root end cavity with paper points. Achieve hemostasis with suitable methods.

Mix OliIMTA Universal as above described and extrude it on a glass plate.

Apply OliIMTA Universal with suitable instruments and condense it using a small plugger.

Remove excess cement and clean the surface of the root with a moist piece of gauze.

Confirm placement of the OliIMTA Universal repair material with an X-ray. The OliIMTA Universal repair material remains as a permanent part of the root canal filling.

Pulp capping

Place rubber dam and prepare the cavity outline. If caries is present, remove it. Rinse cavity and exposed pulpal areas with a suitable disinfectant.

Mix OliIMTA Universal as above described and extrude it on a glass plate.

With a suitable instrument apply a small amount of OliIMTA Universal over the exposed pulp and remove excess moisture with a dry cotton pellet.

Not before 5 minutes after application of OliIMTA Universal place a small amount of a flowable light cure liner and light cure.

Etch the remaining cavity walls according to the total-etch-technique with etching gel and apply a suitable bonding agent (e.g. OliBond) according to the corresponding instructions.

Place a light cure composite (e.g. OliREVO) according to the instructions and light cure.

Pulp vitality and status should be checked by X-ray at regular intervals.

Root end filling (orthograde)

Place rubber dam and clean the root canal system using intra-canal instruments and irrigate with NaOCl.

Dry the root canal with paper points.

For disinfection place calcium hydroxide paste in the root canal for one week. Seal the access opening with a temporary filling material (e.g. OliFill LC).

Mix OliIMTA Universal as above described and extrude it on a glass plate.

With a suitable instrument apply a small amount of OliIMTA Universal into the apical region and condense it. Create a 3-5 mm barrier of OliIMTA Universal.

Check the position of OliIMTA Universal by an X-ray. If an adequate barrier has not been created, rinse OliIMTA Universal out of the canal and repeat the procedure.

Remove excess moisture with a damp cotton pellet or a paper point.

Place a damp cotton pellet in the access to the root canal and apply a temporary filling material (e.g. OliFill LC). Alternatively seal the access preparation with a suitable root canal filling material and seal the cavity with a tight filling. Both options can be done not before 5 minutes after placement of the OliIMTA Universal. OliIMTA Universal repair material remains as a permanent part of the root canal filling.

ADDITIONAL REMARKS

- In the first hour after application handle the placed OliIMTA Universal cement carefully.
- Store OliIMTA Universal in the sealed packaging in a dry place prior to use.
- Intraoral application of OliIMTA Universal must be done immediately after mixing to prevent dehydration during setting.
- OliIMTA Universal can cause discoloration. Use OliIMTA Universal only in the root canal and/or the pulp chamber.
- In order to obtain a creamy consistency, 1 or 2 drops of sterile water can be added to the mixed OliIMTA Universal cement.

STORAGE

Store OliIMTA Universal in a dry place at 10 – 25 °C. Do not store below 10 °C! Do not use after expiry date. Direct Caps are for single use only.

Keep away from children! For dental use only!

PACKAGING AND THE REFERENCE NUMBER

2x OliIMTA Universal Direct Cup 0,30 g, this instruction of use	OL007
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ADVANTAGES & BENEFITS

- Biocompatible permanent cement, excellent margin closure, creates apatite – real biological sealing.
- Bacteriostatic – excellent barrier against bacteria and fluids.
- Adapted compressive strength – does not lose characteristics in fluidic environment.
- Radiopaque as Gutta-Percha.
- Delivered in capsules – very easy to use and fixed proportions.

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Reservation:

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