



Make Teeth Alive RetroMTA **FAQ**

Indications?

For pulp capping, external resorption, coronal perforation, retrograde filling after apicoectomy, apexification and other root repair treatments that needs fast-setting MTA material.

Differences with other MTAs?

RetroMTA is made of Calcium Silicate Bioceramic material not Portland Cement.
Mainly for root repair that doesn't discolor the tooth and sets in 3 minutes.

Setting time and compressive strength?

Initial setting time is 3 minutes. Do not pack repeatedly after placement of material with instruments because it will interfere the setting reaction.

Final setting time is 4 hours. Compressive strength after final set is about 100 MPa.

Treatment and prevention of discoloration?

Treatment : Removal of discolored area and place RetroMTA.

Prevention : Placement of RetroMTA as base material.

Prevention from being washed-out (Solution to faster setting of MTA)?

Too watery : Gently press with dry cotton pellet for 120 seconds.

Too powdery : Gently press with wet cotton pellet for 120 seconds.

Irrigation with NaOCl will wash out remaining particles. Do not use EDTA because it interferes with setting action.

When is it used as base?

Pin point exposure of pulp on deeply prepared cavity. Place 2-3mm thickness of RetroMTA base and then resin.

Used for root canal filling material?

Can be used in anterior teeth where esthetics is important.

When used in open apices?

When apices are large, place a collagen sponge and then fill with RetroMTA to prevent excessive overfilling.

Pulpotomy?

May be used for both primary and permanent teeth.

For permanent teeth 1) (-) Hot/cold test 2) (-) Percussion 3) (-) Palpation are candidates for pulpotomy.

Method used for safe extraction of 3rd molar?

Do coronectomy above CEJ and then place RetroMTA on the orifices of the root. After 3 months, extraction can be performed after confirming that the roots are separated with IAN.