ENDODONTICS

Well-Root PT

Premixed Bioceramic Putty

- Low solubility
- Superior compressive strength and push-out bond strength
- Contains excellent biocompatible materials
- Antibacterial effects by alkaline pH

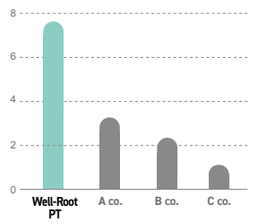
INDICATIONS

- Pulp capping
- Repair of perforation
- Root-end filling
- Apexification

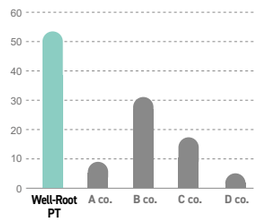


PHYSICAL PROPERTIES

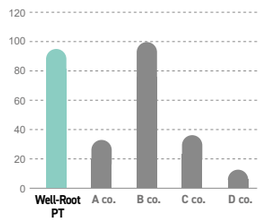
Push-out Bond Strength (MPa)



Vickers Hardness (Hv)



Compressive Strength (MPa)



PACKAGE

ALL PRODUCTS		PRODUCT CODE	MFDS Reg. CODE
Well-Root PT	0.25g x 10capsules	WT202-K000	Well-Root PT
Well-Root PT (Narrow)	0.25g x 10capsules	WT202-KE00	Well-Root PT Type C

Properties of Well-Root PT

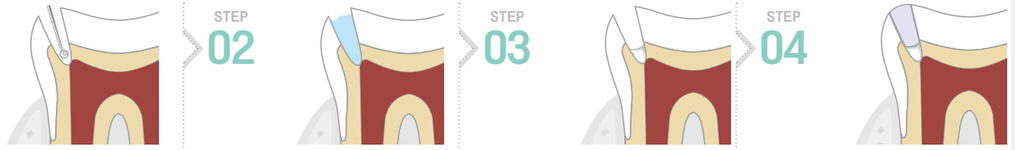
Properties measured according to **ISO 6876:2012**

Film thickness (㎛)	
38.8±4	
Radiopacity (mm Al)	
5.4	
Setting time (min.)	
Initial 5±2min	Final 45±5min

Well-Root PT

Clinical Guideline

Pulp Capping



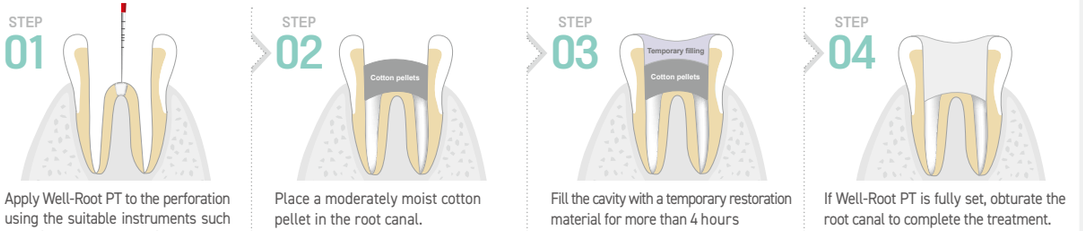
STEP 01 — Remove all infected carious area using a round bur at low speed.

STEP 02 — Wash the exposed area with NaOCl.
*If bleeding occurs, apply NaOCl for 3-5 minutes, then gently press the bleeding area with a cotton pellet soaked in saline to stop the bleeding.

STEP 03 — Apply an appropriate amount of Well-Root PT to the exposed area, compact it, and wait for about 5 minutes for initial hardening.
*Remove excess Well-Root PT with a microbrush or cotton pellet.

STEP 04 — The restoration is performed.
*Monitor pulp activity and condition with X-rays every 3 to 6 months.

Perforation Repair



STEP 01 — Apply Well-Root PT to the perforation using the suitable instruments such as a plugger or paper points.

STEP 02 — Place a moderately moist cotton pellet in the root canal.

STEP 03 — Fill the cavity with a temporary restoration material for more than 4 hours

STEP 04 — If Well-Root PT is fully set, obturate the root canal to complete the treatment.

Root-end Filling



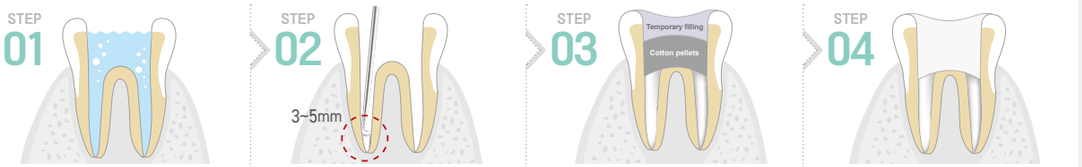
STEP 01 — Access the apical pathway and cut the root canal using a surgical bur.

STEP 02 — Prepare the root-end cavity with a depth of 3-5mm using an ultrasonic tip.

STEP 03 — After removing excess moisture inside the root canal, Well-Root PT is applied to the root apex using an appropriate tool such as a plugger.

STEP 04 — Remove excess material and clean the surface of the root.
*Check the adequate placement of Well-Root PT using an X-ray.

Apexification



STEP 01 — Clean the root canal.

STEP 02 — Apply Well-Root PT to the root canal using the suitable instruments such as a plugger or paper points. Create a 3-5mm apical barrier of Well-Root PT.

STEP 03 — A wet cotton pellet with excess moisture removed is placed into the root canal and the cavity is sealed with a temporary restorative material. At the next visit, check that the product has hardened.

STEP 04 — If Well-Root PT is fully set, obturate the root canal to complete the treatment.