

|                    | One-Fil           | One-Fil Putty                                                   | One-Fil Putty Injectable                                               |
|--------------------|-------------------|-----------------------------------------------------------------|------------------------------------------------------------------------|
| Usage              | Root Canal Sealer | Pulp capping<br>Apicoectomy<br>Replantation<br>Root-end filling | Root canal filling<br>Pulpotomy<br>Perforation repair<br>Apexification |
| pH                 | 13                | 12                                                              | 12                                                                     |
| Setting time       | < 3.5 hours       | < 5min. (Initial)                                               | < 5min. (Initial)                                                      |
| Flowability [mm]   | 26                | -                                                               | -                                                                      |
| Solubility [%]     | < 1               | < 1                                                             | < 1                                                                    |
| Radiopacity [mmAl] | 9                 | 10                                                              | 10                                                                     |

VIDEO 

One-Fil

One-Fil  
One-Fil Putty  
One-Fil Putty Injectable

Clinical Application

## RESEARCH [SCI]



One-Fil



One-Fil Putty



Hi-Bond Universal



13485



MAINBiz

정형직인명 중소기업

[www.mediclus.co.kr](http://www.mediclus.co.kr)

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No. 1210, 134, Gongdan-ro, Heungdeok-gu, Cheongju-si,  
Chungcheongbuk-do 28576, KoreaCalcium silicate based  
Bioceramic materials

ENBR250304 V1

  
 MEDICLUS CO., LTD.

# Calcium silicate based Bioceramic **Root Canal Sealer**



Contents :  
# 508-1 One-Fil 2g x 1 Syringe

# Calcium silicate based Bioceramic **Putty Injectable**



Contents :  
# 509-1 One-Fil Putty Injectable 0.5g x 4 Syringes

# Calcium silicate based Bioceramic **Putty**



Contents :  
# 509-2 One-Fil Putty 0.25g x 4 Syringes



High  
Radiopacity



Excellent  
Wettability



Setting Time



Excellent  
Sealing ability



Antibacterial  
Effect



Biocompatibility



High  
Radiopacity



Antibacterial  
Effect



Initial  
Setting Time



Easy  
Application



Stable  
Dimension



Biocompatibility

## Indications

- Root canal filling
- Pulpotomy
- Perforation repair
- Apexification

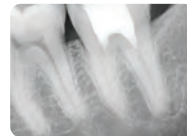
## Clinical Case, Dr. Dae-Hoi Koo



Before treatment

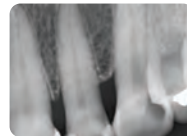


Apply One-Fil Putty Injectable



After treatment

## Clinical Case, Dr. Ju-Kyung Lee



Before treatment



Apply One-Fil Putty Injectable



After treatment

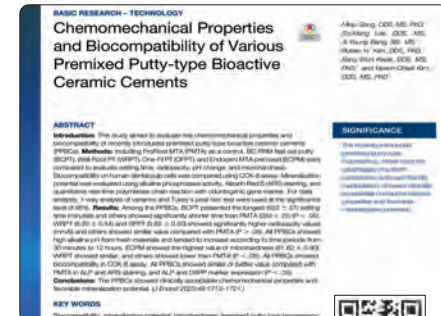
## Indications

- Indirect pulp capping
- Direct pulp capping
- Apicoectomy
- Replantation
- Root-end filling

High viscosity



## Scientific Publication



- #11 Pulp revascularization
- #21 Partial pulpotomy
- #22 Pulpotomy

## Scientific Publication



## ORIGINAL RESEARCH

### Physicochemical properties and cytocompatibility of newly developed calcium silicate-based sealers

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## Cell Attachment Evaluation (One-Fil)

