Additional file 1. The chemical components of MTA Angelus and Cold Ceramic cements.

Table 1: Chemical components of the studied materials. + Not detected

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| Cold Ceramic | MTA Angelus | Materials  Component |
| 48.12 | 49.20 | CaO |
| 16.19 | 18.58 | SiO2 |
| ND+ | 8.26 | Bi2O3 |
| 18.61 | ND+ | BaO |
| ND+ | 4.48 | Al2O3 |
| 0.39 | 0.64 | MgO |
| 0.36 | ND+ | FeO |
| 10.15 | 0.19 | SO3 |
| ND+ | ND+ | P2O5 |
| 0.10 | ND+ | TiO2 |
| 0.08 | 1.32 | Na2O |
| ND+ | 0.51 | Cl |