

Supplementary information

Antibacterial coating of tooth surface with ion-releasing pre-reacted glass-ionomer (S-PRG) nanofillers

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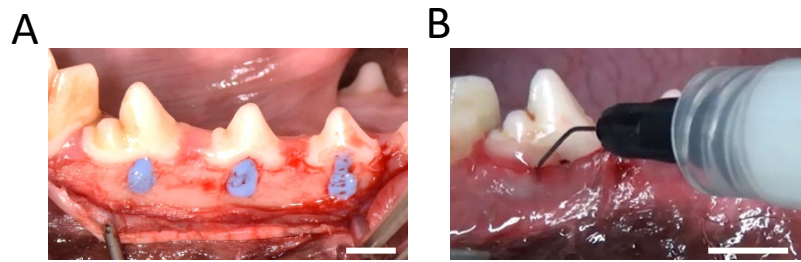


Fig. S1. Surgical procedure and S-PRG nanofiller coating

(A) Digital photographs of experimental furcation defect filled with impression material.

(B) Application of S-PRG nanofiller to tooth root surface using a syringe. Scale bar = 1

mm. S-PRG, surface pre-reacted glass-ionomer.

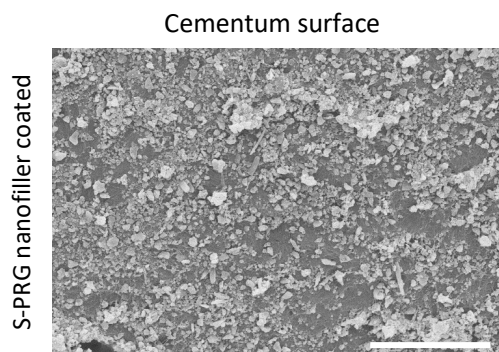


Fig. S2. SEM images of root cementum surface coated with S-PRG nanofillers. Scale bar

= 10 μ m. SEM, scanning electron microscopy; S-PRG, surface pre-reacted glass-ionomer.