

Supporting Information

Xiaogang Cheng, Tiejun Qu, Chi Ma, Doudou Xiang, Qing Yu, and Xiaohua Liu

Table 1 Commercial sealers used in this study.

Materials	Classification	Components	Manufacturer
Endomethasone C	zinc-oxide-eugenol-based sealer	Powder: hydrocortisone acetate, thymol iodide, barium sulphate, zinc oxide, magnesium stearate. Liquid: bidistilled eugenol	Septodont, Saint-Maur, Cedex, France
AH Plus	epoxy-amine-resin-based sealer	Paste A (epoxy): diglycidil-bisphenol-A-ether, calcium tungsten, zirconium oxide, aerosol, iron oxide; Paste B (amina): 1-adamantane amine, N, N-Dibenzyl-5-oxanonandiamine-1,9, TCD-diamine, calcium tungsten, zirconium oxide, silicone oxide	DeTrey/Dentsply Konstanz, Germany
ProRoot MTA	MTA-based sealer	Power: 75% Portland cement, 20% Bismuth oxide, 5% Calcium sulfate; Liquid: water	Dentsply Tulsa Dental, Tulsa, OK, USA

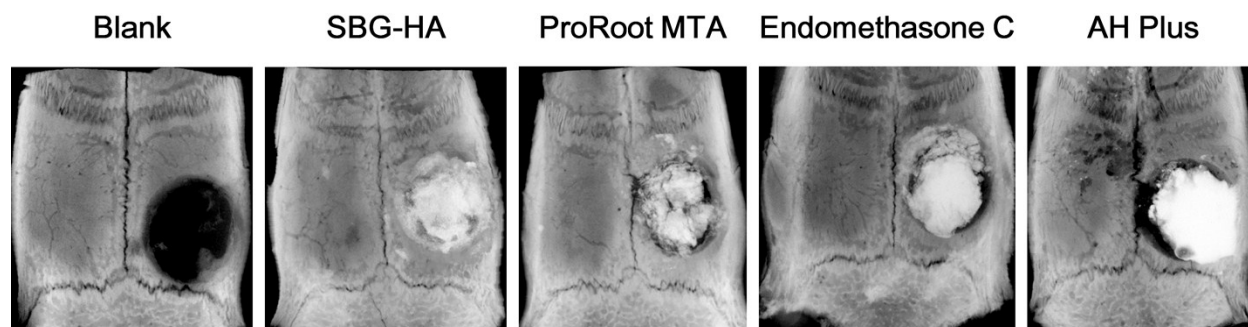


Fig. S1 X-ray images of calvarial defect of Sprague–Dawley rats implanted with the experimental materials. Blank, no material was implanted.

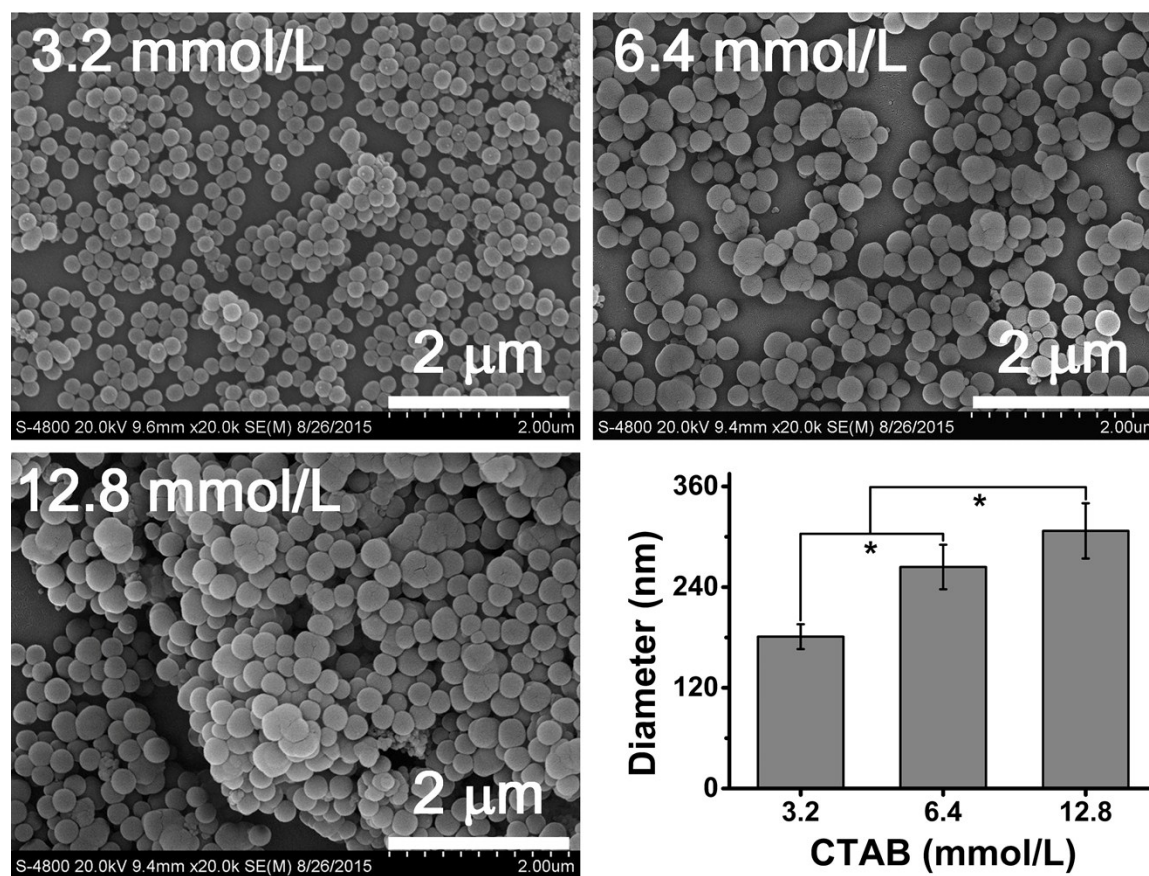


Fig. S2 Effect of the CTAB concentration on the size of SBG-NS. *P < 0.05.