

Figure1. Schematic illustration of animal experiments.

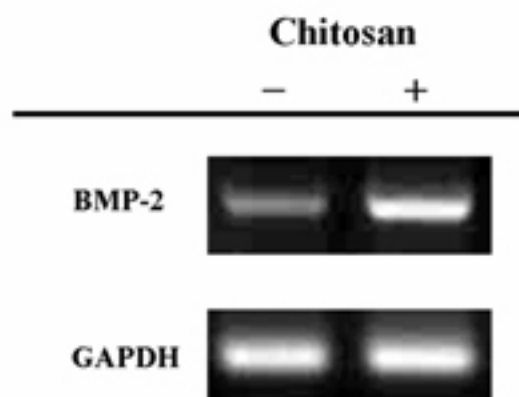


Figure2. Effect of chitosan monomer on the expression of BMP-2 mRNA.

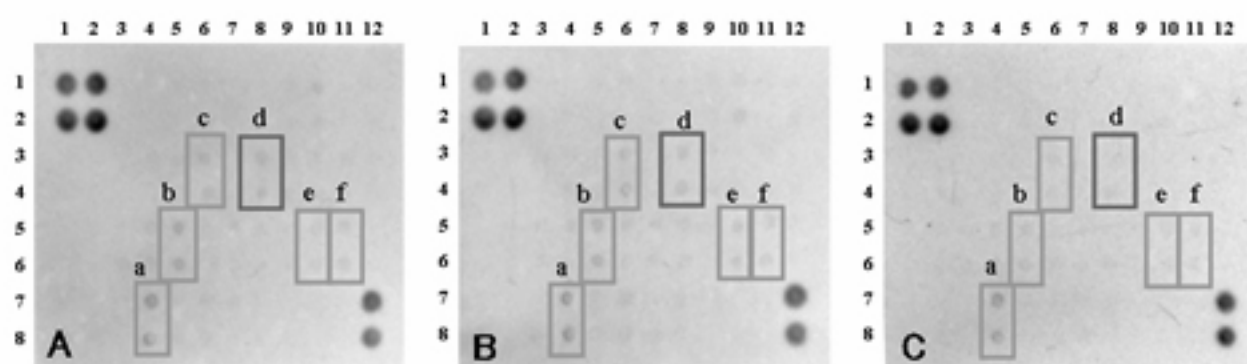


Figure3. The cytokine signals after incubating with (A) control, (B) chitosan polymer, and (C) chitosan monomer. a-TNF- β , b-interferon- γ -inducible protein 10, c-IL-6 soluble receptor, d-IL-8, e-macrophage inflammatory protein 1 α f-macrophage inflammatory protein 1 β .

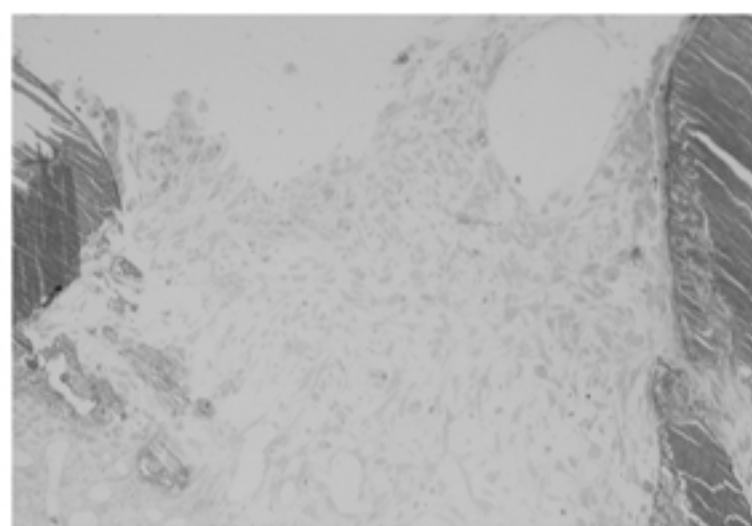


Figure 4. Light micrograph of toluidine blue-stained section through the dentinal pulp exposure site on day 3 after the application of chitosan monomer (x200).

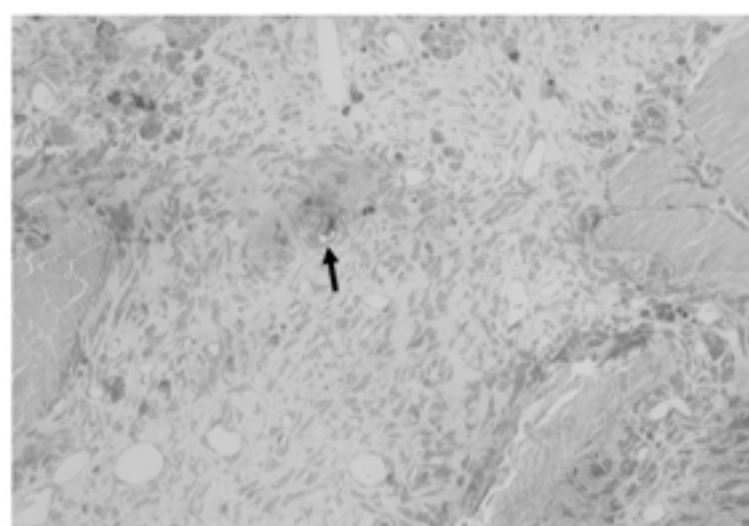


Figure 5. Light micrograph of toluidine blue-stained section through the dentinal pulp exposure site on day 3 after the application of chitosan monomer (x200). Arrow indicates the initial mineralized areas.