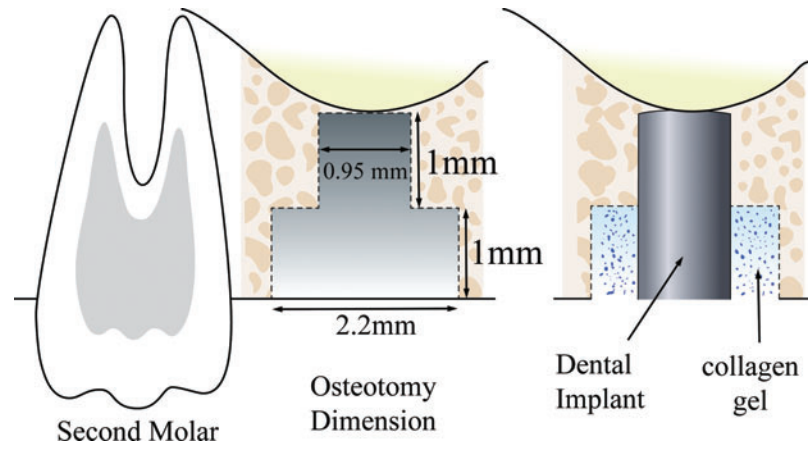


Supplementary Data



SUPPLEMENTARY FIG. S1. Schematic illustration of rat maxillary dental implant model. One month after first maxillary molar extraction, osteotomy was created using a customized step drill. There were two portions in the osteotomy: the apical portion was 1 mm in length \times 0.95 mm in diameter; the coronal portion was 1 \times 2.2 mm in diameter. The dental implant was 2 mm in length \times 1 mm in diameter. We have published this model before. (Chang PC, Seol YJ, Cirelli JA, et al. PDGF-B gene therapy accelerates bone engineering and oral implant osseointegration. *Gene Ther* **17**, 95, 2010.)