ADVANCED HEALTHCARE MATERIALS

Supporting Information

for *Adv. Healthcare Mater.*, DOI: 10.1002/adhm.201800441

3D-Plotted Beta-Tricalcium Phosphate Scaffolds with Smaller Pore Sizes Improve In Vivo Bone Regeneration and Biomechanical Properties in a Critical-Sized Calvarial Defect Rat Model

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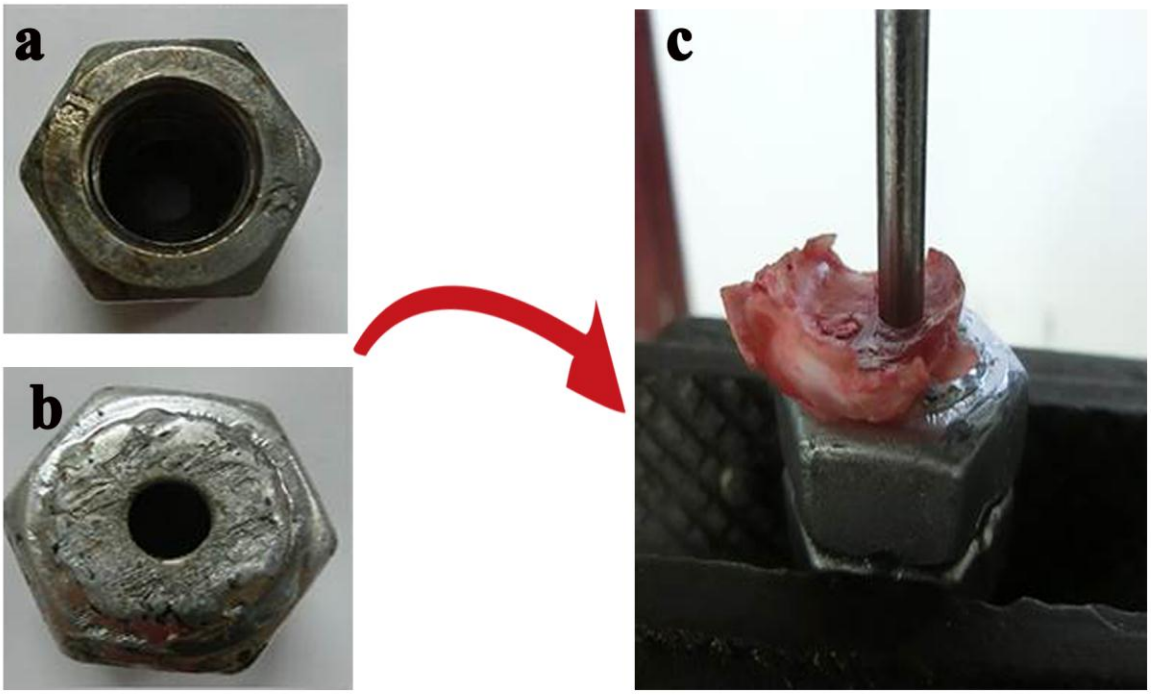

Figure S1. Schematic illustration of the custom- designed testing device and biomechanical testing process of the implants after the defects were implanted with scaffolds of different pore sizes (100 μm, 250 μm, 400 μm) and autogenous bone for 4, 8, and 12 weeks. a) A universal nut (M5 model). b) The nut in (a) welded by a custom-made sheet-metal (a hole with 5 mm in diameter). c) Biomechanical testing process.