



**Supplementary Fig. 1.** Illustrative figure about packing of rhBMP-2 in posterior lumbar interbody cage for spinal fusion surgery. (A) rhBMP-2 powder in bottle was dissolved in the provided solution and drawn up into a syringe for application. (B) rhBMP-2 was applied to hydroxyapatite (HA) granules (Novosis, CGBio Co., Ltd., Seoul, Korea). (C) The interbody cages were filled with HA granules soaked with rhBMP-2 and laminectomized autologous bone. rhBMP-2, recombinant human bone morphogenic protein 2.