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Supporting Information



Fig. S1.

SEM images of different samples after freeze-drying.





Swelling Ratio of CP hydrogel.



Fig. S3.

Photograph of CP hydrogel before and after immersion at different times.





Rheological properties of Viscostat clear and Astingent retraction paste. (A) G' and G" of Viscostat clear under oscillation frequency test. (B) Evolution of viscosity with shear rate of Viscostat clear. (C) G' and G" of Viscostat clear under strain sweep test on the oscillation frequency of 1 Hz, and strain of 0.1 to 500 %. (D) G' and G" of Astingent retraction paste under oscillation frequency test. (E) Evolution of viscosity with shear rate of Astingent retraction paste. (F) G' and G" of Astingent retraction paste under strain of 0.1 to 500 %. (D) G' and G of Astingent retraction paste. (F) G' and G" of Astingent retraction paste under strain of 0.1 to 500 %. (D) Signal G of Astingent retraction paste. (E) Evolution of viscosity with shear rate of Astingent retraction paste. (F) G' and G" of Astingent retraction paste under strain of 0.1 to 500%.





In vivo biocompatibility of CP hydrogels. H&E staining of the hearts, livers, spleens, lungs, and kidneys at 1 and 2 weeks.