

**In vitro study of SDF-1 $\alpha$ -loaded injectable and thermally responsive  
hydrogels for adipose stem cell therapy by SDF-1/CXCR4 axis**

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1.8% CS, 30%  $\beta$ GP, no HA



1.8% CS, 30%  $\beta$ GP, 0.9% HA

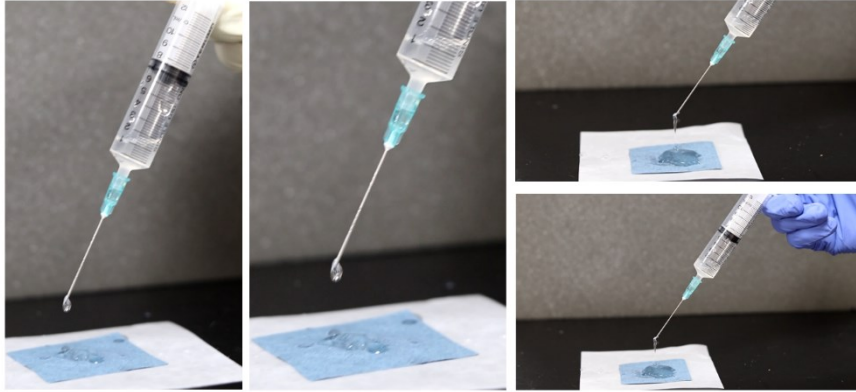
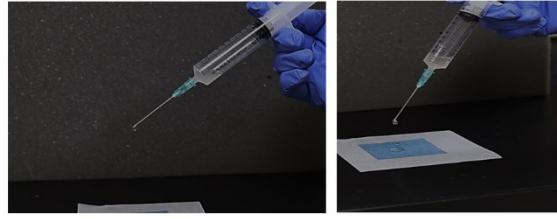


Fig. S1 Injectability of hydrogels injected through 22 gauge needle at room temperature.

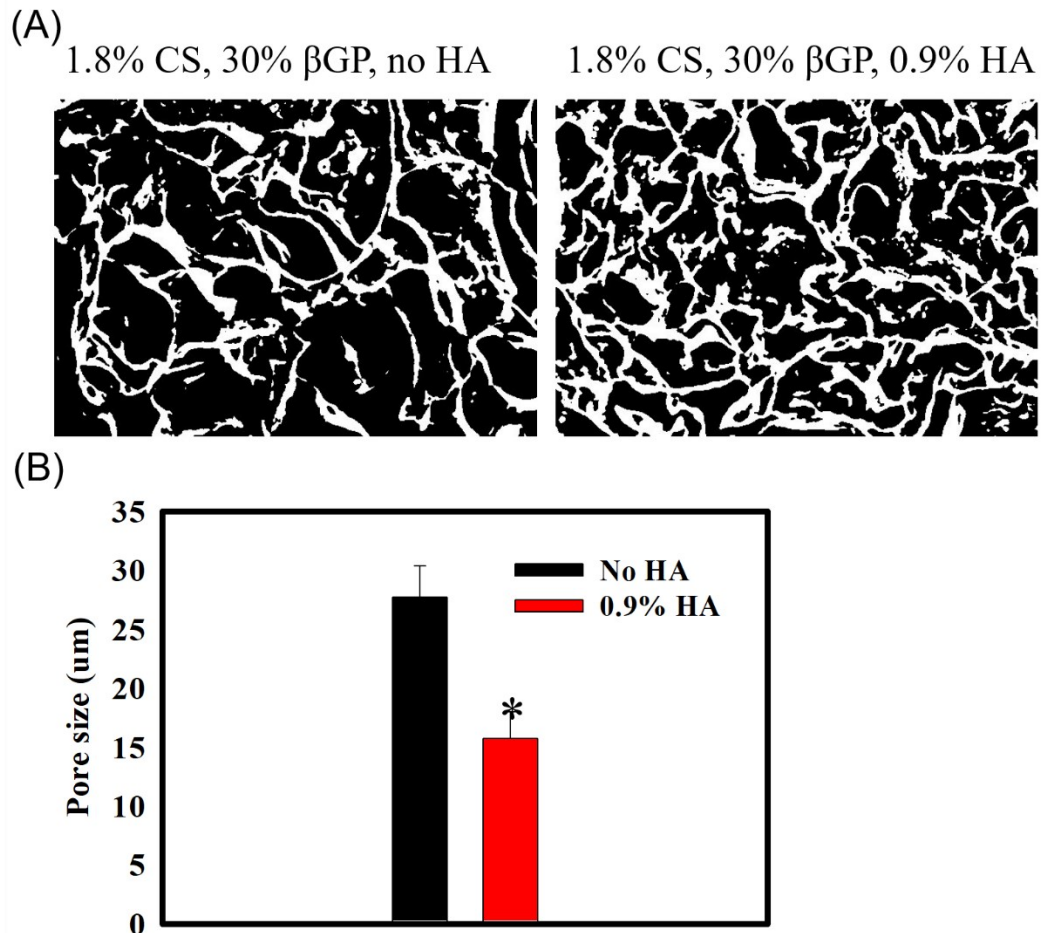


Fig. S2 (A) and (B) Porosity determination and quantification of hydrogels with/without HA by using Image J. Asterisk denotes significant difference where indicated (\* $p < 0.05$ ) as determined by a Student's t test.