Title: Supplementary Movie 1:

Description: Injecting Piezoelectric hydrogel with X RAY guidance.

Title: Supplementary Movie 2:

Description: Injection NFs-PLLA hydrogel using a G-29 needle to show injection ability of the

hydrogel with G29 needle.

Title: Supplementary Movie 3:

Description: Rabbit under US activation treatment.

Title: Supplementary Movie 4:

Description: Rabbit behaves normally after US activation treatment.