

Description of Additional Supplementary Files

Supplementary Movie 1. Echocardiogram 2 weeks after hydrogel injection into MCV in a pig model. Echocardiograms show no evidence of regional wall motion abnormalities after two weeks.

Supplementary Movie 2. Echocardiogram at baseline before hydrogel injection into the AIV in a pig model.

Supplementary Movie 3. Echocardiogram 4 weeks after hydrogel injection into the AIV in a pig model. Echocardiograms show no evidence of regional wall motion abnormalities at four weeks compared to baseline imaging.