

Description of additional supplementary files

Supplementary Movie 1: The working principle of the EHU

Supplementary Movie 2: Tensile test for SICP

Supplementary Movie 3: SICP implantation under fluoroscopic guidance

Supplementary Movie 4: Minimally invasive delivery of the SICP

Supplementary Movie 5: SICP movement with heart beat after fixation under fluoroscopic guidance

Supplementary Movie 6: POM boll movement with heart beat

Supplementary Movie 7: The process of SICP regulate arrhythmia

Supplementary Movie 8: State of the experimental animal after three weeks implantation.