Video S1 – Simulated action potential propagation across normal ventricular myocytes in a 100 x 100 network initiated by current injection.

Video S2 – Simulated action potential triggered calcium release across normal ventricular myocytes in a 100 x 100 network initiated by current injection.

Video S3 – Simulated action potential propagation across failing ventricular myocytes in a 100 x 100 network initiated by current injection.

Video S4 – Simulated action potential triggered calcium release across failing ventricular myocytes in a 100 x 100 network initiated by current injection.

Video S5 – Simulated action potential propagation across normal ventricular myocytes in a simulated trabeculae connected to the ventricular wall initiated by current injection.

Video S6 – Simulated action potential propagation across failing ventricular myocytes in a simulated trabeculae connected to the ventricular wall initiated by current injection.