



**Fig. S2.** (a) Electrocardiogram: ectopic atrial rhythm interrupted by ventricular extrasystole (morphology: left bundle branch block (LBBB) and left axis deviation (LAD)). Diffuse low-voltage QRS. Minor delay of intraventricular (IV) activation with up-stroke of S wave in V1 and V2 of 60 ms. Indicated abnormal ventricular repolarization characterized by negative T wave down to V5 and flat T wave in V6. *Red circles*: low-voltage QRS. *Green circle*: ventricular extrasystole. *Blue circle*: up-stroke S > 55 ms. *Black circle*: abnormal ventricular repolarization. (b) Electrophysiological study: ventricular tachycardia that degenerates into ventricular fibrillation (*red bar*), induced after a single ventricular extrastimulus near the decreased voltage area of the inferior basal septum during isoproterenol infusion.