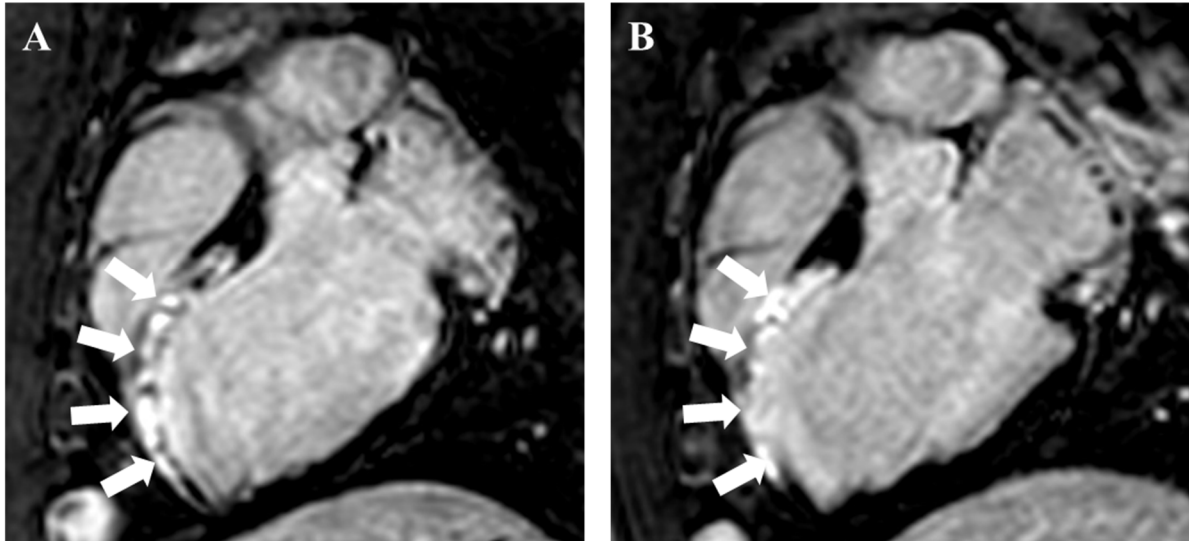


Supplementary Figure S1: Cardiac magnetic resonance study. Images show delayed enhancement four chamber views of a representative infarcted myocardium at day 3 post infarction (A) and the same animal imaged at the end of the study (10 days) (B). The infarcted area is indicated by white arrows, mainly in the anteroseptal myocardium. Main function cardiac parameters calculated where measures at these times and represented in the table. LVEF left ventricular ejection fraction, EDVi end diastolic volume indexed to body surface area, ESVi end systolic volume indexed to body surface area. Infarct area is expressed as % of the left ventricle(C).



C

Animal	LVEF (%)		%MI		EDVi (ml/m ²)		ESVi (ml/m ²)	
	3 days	10 days	3 days	10 days	3 days	10 days	3 days	10 days
#1	26.00	31.00	22.00	20.00	96.50	116.57	71.37	80.91
#2	27.00	30.00	21.00	20.00	80.48	96.81	59.00	68.02
#3	23.00	37.00	23.00	20.00	117.26	99.74	90.61	62.95
#4	21.50	23.31	14.00	13.00	87.19	73.55	68.45	56.40
Mean	24.37	30.33	20.00	18.25	95.36	96.67	72.36	67.07