

FIBROSIS / Viability (30 minutes)

	Item	Sequence	Orientation	Remarks
1	Localizer	Localizer	orthogonal, anatomical axes	
2	Planning of LV fct.	real time	multiple axes	Realtime
3	LV function Routine patients	cine long axis	6 long axes	slice thickness 8-10 mm bh 15 - 26 sec > 20 phases Tpat ≤ 4
4	LV function Routine patients	cine short axis	3 short axis	base, mid LV, apex standard SSFP cine one bh
5	Irreversible injury Fibrosis	Inversion-Recovery Gradient Echo ("Late Gd enhancement")	short axis stack 3 long axes	5 to 30 minutes after Gd-DTPA (0.15mmol/kg) or equivalent: Breath-held 2D or 3D individually optimized TI optional: single slice, added short TI (fibrosis appears with low signal)