

Qualitative Criteria					
LV-Function cine SSFP	0	1	2	3	Maximum Score
1. LV coverage	Full coverage	-	Apex not covered	Base or ≥1 slice in the stack missing	5
2. Wrap around	No	1 slice	2 slices	≥3 slices	} 3
3. Respiratory ghost	No	1 slice	2 slices	≥3 slices	
4. Cardiac ghost	No	1 slice	2 slices	≥3 slices	
5. Image blurring/mis-triggering	No	1 slice	2 slices	≥3 slices	
6. Metallic artifacts	No	1 slice	2 slices	≥3 slices	
7. Shimming artifacts	No	1 slice	2 slices	≥3 slices	} 2
8. Signal loss (coil inactive)	Activated	-	Not activated	-	
9. Orientation of stack	correct	-	incorrect	-	2
10. Slice thickness	≤ 10 mm	11-15 mm	-	> 15 mm	3
11. Gap	< 3 mm	3-4 mm	-	> 4 mm	3
12. Correct LV long axes	≥ 2	1	-	None	3
LV function score					21
Late Gadolinium Enhancement	0	1	2	3	
13. LV coverage	Full coverage	-	Apex not covered	Base or ≥1 slice in the stack missing	5
14. Wrap around	No	1 slice	2 slices	≥3 slices	} 3
15. Respiratory ghost	No	1 slice	2 slices	≥3 slices	
16. Cardiac ghost	No	1 slice	2 slices	≥3 slices	
17. Image blurring/mis-trigger	No	1 slice	2 slices	≥3 slices	
18. Metallic artifacts	No	1 slice	2 slices	≥3 slices	
19. Signal loss (coil inactive)	Activated	-	Not activated	-	2
20. Slice thickness	≥ 10 mm	11-15 mm	-	> 15 mm	3
21. Gap	< 3 mm	3-4 mm	-	> 4 mm	3
22. Correct LV long axes	≥ 2	1	-	None	3
LGE Score					19
First-Pass Perfusion	0	1	2	3	
23. LV coverage	≥ 3 slices	-	2 slices	1 slice	3
24. In-plane spatial resolution	< 3mm	-	-	≥ 3 mm	3
25. Acquisition window	< 150 ms	-	150-250 ms	> 250 ms	3
26. Patient preparation	Drugs + caffeine stopped	Drugs not stopped	Caffeine not stopped	Drugs + caffeine not stopped	3
27. Wrap around	No	1 slice	2 slices	≥3 slices	} 3
28. Respiratory ghost	No	1 slice	2 slices	≥3 slices	
29. Cardiac ghost	No	1 slice	2 slices	≥3 slices	
30. Image blurring	No	1 slice	2 slices	≥3 slices	
31. Metallic artifacts	No	1 slice	2 slices	≥3 slices	
32. Signal loss (coil inactive)	Activated	-	Not activated	-	2
33. Breathing motion	-	Drift	-	Abrupt	} 3
34. Mis-triggering	None	1-2 mis-triggers	-	>2 mis-triggers	
35. Rhythm	Sinus	-	-	Atrial fibrillation	
Perfusion Score					20
Total Qualitative Score					60
Quantitative Criteria					
36. LGE SNR: anterior wall	>5	2-5	<2	-	2
inferior wall	>5	2-5	<2	-	
37. First Pass %SI increase: anterior wall	>200%	100-200%	<100%	-	2
inferior wall	>200%	100-200%	<100%	-	
Total Quantitative Score					4
Global Quality Score					64