

List of MRI Variables

	Variable Name	Description	Unit	Format	Codes	Comments
1	PID	Patient ID	na	NUM (6)		site(2) subject(4) EX. 123456
2	AC	Alphanumeric	na	CHAR (2)		alpha(2) Ex. A1
3	VISIT_DT	Visit Date	na	CHAR (11)		DD MON YYYY
4	VISIT	Visit Name	na	CHAR (9)	Baseline Follow-up	
5	BPS	Blood Pressure Systolic	mmHg	NUM (3)		
6	BPD	Blood Pressure Diastolic	mmHg	NUM (3)		
7	LVEDV	Left Ventricular End Diastolic Volume	ml	NUM (6.2)		
8	LVESV	Left Ventricular End Systolic Volume	ml	NUM (6.2)		
9	LVSV	Left Ventricular Stroke Volume	ml	NUM (6.2)		
10	LVEF	Left Ventricular Ejection Fraction	%	NUM (6.2)		
11	LVCO	Left Ventricular Cardiac Output	l/min	NUM (6.2)		
12	LVMAS	Left Ventricular Mass	g	NUM (6.2)		
13	LAEDV	Left Atrial End Diastolic Volume	ml	NUM (6.2)		
14	LAESV	Left Atrial End Systolic Volume	ml	NUM (6.2)		
15	RVEDV	Right Ventricular End Diastolic Volume	ml	NUM (6.2)		
16	RVESV	Right Ventricular End Systolic Volume	ml	NUM (6.2)		
17	RVSV	Right Ventricular Stroke Volume	ml	NUM (6.2)		
18	RVEF	Right Ventricular Ejection Fraction	%	NUM (6.2)		
19	RVCO	Right Ventricular Cardiac Output	l/min	NUM (6.2)		
20	RVMAS	RV Mass	g	NUM (6.2)		
21	RAEDV	Right Atrial End Diastolic Volume	ml	NUM (6.2)		
22	RAESV	Right Atrial End Systolic Volume	ml	NUM (6.2)		
23	LGEM	Late Gd Enh. Mass	g	NUM (6.2)		
24	LELVM	Late Enh. / LV mass	%	NUM (6.2)		
25	QFLATFF	Q Flow Aorta Total Forward Flow	ml	NUM (6.2)		
26	AVRF	AV Regurgitant Fraction 1	%	NUM (6.2)		
27	QFLAF	Q Flow Aorta Forward	ml	NUM (6.2)		
28	QFLAB	Q Flow Aorta Backward	ml	NUM (6.2)		
29	QFLMPATFF	Q Flow MPA Total Forward Flow	ml	NUM (6.2)		
30	PVRF	PV Regurgitant Fraction 2	%	NUM (6.2)		
31	QFLMPAF	Q Flow MPA Forward	ml	NUM (6.2)		
32	QFLMPAB	Q Flow MPA Backward	ml	NUM (6.2)		

33	QFLRPATFF	Q Flow RPA Total Forward Flow	ml	NUM (6.2)		
34	QFLPATFF	Q Flow LPA Total Forward Flow	ml	NUM (6.2)		
35	QPQS	Pulmonary Flow/Systemic Flow	unitless	NUM (6.2)		
36	LVPGLSS	Left Ventricular Peak Global Longitudinal Systolic Strain	%	NUM (6.2)		
37	RVPGLSS	Right Ventricular Peak Global Longitudinal Systolic Strain	%	NUM (6.2)		
38	LALVPGLSS	Long Axis Left Ventricular Peak Global Longitudinal Systolic Strain	%	NUM (6.2)		
39	MVRV	Mitral Valve Regurgitant Volume	ml	NUM (6.2)		
40	MVRF	Mitral Valve Regurgitant Fraction	%	NUM (6.2)		
41	TVRV	Tricuspid Valve Regurgitant Volume	ml	NUM (6.2)		
42	TVRF	Tricuspid Valve Regurgitant Fraction	%	NUM (6.2)		
43	RASV	Right Atrial Stroke Volume	ml	NUM (6.2)		
44	RAEF	Right Atrial Ejection Fraction	%	NUM (6.2)		
45	LASV	Left Atrial Stroke Volume	ml	NUM (6.2)		
46	LAEF	Left Atrial Ejection Fraction	%	NUM (6.2)		

Missing Data numeric fields –

Per sponsor agreement blank fields are known to be unavailable

Default precision for numeric fields –

Two decimal digits.

Non-numeric fields defined with code lists –

Per sponsor request, the selected text string as shown in above definition table (code column) will be output to the transfer file.

Formulas used in calculations-

Mitral Valve Regurgitant Volume (MVRV) is calculated by subtracting Q Flow Aorta Total Forward Flow Volume (QFLANF) from the stroke volume of the Left ventricle (LVSF).

Tricuspid Valve Regurgitant Volume (TVRV) is calculated by subtracting Q Flow Main Pulmonary Artery total forward flow volume (QFMPANF) from the stroke volume of the Right ventricle (RVSF).

(Variables to be used in the following formulas are being collected in the formulas above)

Mitral Valve Regurgitant Fraction (MVRF) is calculated by dividing the stroke volume of the Left ventricle (LVSF) into the Mitral Valve Regurgitant Volume (MVRV).

Tricuspid Valve Regurgitant Fraction (TVRF) is calculated by dividing the stroke volume of the Right ventricle (RVSF) into the Tricuspid Valve Regurgitant Volume (TVRV).

Left Atrial Stroke Volume (LASV) is calculated by subtracting the left atrial end-diastolic volume (LAEDV) from the left atrial end-systolic volume (LAESV).

Right Atrial Stroke Volume (RASV) is calculated by subtracting the right atrial end-diastolic volume (RAEDV) from the right atrial end-systolic volume (RAESV).

(Variables to be used in the following formulas are being collected in the formulas above)

Left Atrial Ejection Fraction (LAEF) is calculated by dividing the left atrial stroke volume (LASV) by the LA end-systolic volume (LAESV). The result is a percentage (%).

Right Atrial Ejection Fraction (RAEF) is calculated by dividing the right atrial stroke volume (RASV) by the RA end-systolic volume (RAESV). The result is a percentage (%).