

Section A: KEY IDENTIFYING INFORMATION

A1. MRI Identification Number ____ - ____ - ____ - ____ - ____

Replaced by blinded subject ID

subj_id	Blinded subject ID
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Blinded site ID <created var>

site_id	Blinded site ID
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A2. Reader Identification Number ____

MRIREADR	A2. Reader identification number
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A3. Date of MRI ____ / ____ / ____
M M D D Y Y Y Y*Replaced by age*

MRI_AGE	<created var> Age (yrs) of the subject at A3. Date of MRI
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A4. Date of central reading ____ / ____ / ____
M M D D Y Y Y Y*Replaced by age*

READ_AGE	<created var> Age (yrs) of the subject at A4. Date of central reading
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A5. Acceptable YES 1 NO 2 (E1)

a. Image quality EXCELLENT 1 GOOD 2 FAIR 3

ACCPMRI	A5. Acceptable
MRIQLTY	A5a. Image quality

MRI_H T	<form F14A> Height at MRI (cm)
MRI_WT	<form F14A> Weight at MRI (kg)
echobsa	<created var> $BSA(m^2) = 0.024265 \times Echo\ ht(cm)^{0.3964} \times Echo\ wt(kg)^{0.5378}$

Section B: VENTRICULAR MEASURES

vent_type	<F12B, created var> Final Echo Core Lab adjudicated ventricular type
lloop	<F12B, created var> L-loop configuration
twovent	<F12B, created var> SV dx with 2 ventricles (A1.06, A3.05 - A3.07)

B1. Type of ventricular chamber
[See codes below]

a. Main Ventricular
Chamber

b. Secondary Ventricular
Chamber

VENCHAM1	B1a. Type of ventricular chamber: Main
VENCHAM2	B1b. Type of ventricular chamber: Secondary

Ventricular Chamber Codes

Code	Chamber Type	Code	Chamber Type	Code	Chamber Type
1	Left ventricle	3	Infundibulum alone	-1	Not applicable (absent)
2	Right ventricle & infundibulum	4	Common ventricle (LV+RV)	-8	Indeterminate

B2. End-diastolic volume

_____. ____ ml

_____. ____ ml

MRIEDV1	B2a. End diastolic volume: Main (ml)
MRIEDV2	B2b. End diastolic volume: Secondary (ml)
mriedv3	<created var> End diastolic volume: total (ml)

<Created Variable> End Diastolic Volume Indexed to BSA

mriedvi1	<created var> EDV indexed to (Echo BSA ^1.3): main
mriedvi2	<created var> EDV indexed to (Echo BSA ^1.3): secondary
mriedvi3	<created var> EDV indexed to (Echo BSA ^1.3): total

B3. End-systolic volume

_____. ____ ml

_____. ____ ml

MRIESV1	B3a. End systolic volume: Main (ml)
MRIESV2	B3b. End systolic volume: Secondary (ml)
mriesv3	<created var> End systolic volume: total (ml)

<Created Variable> End Systolic Volume Indexed to BSA

mriesvi1	<created var> ESV indexed to (Echo BSA ^1.3): main
mriesvi2	<created var> ESV indexed to (Echo BSA ^1.3): secondary
mriesvi3	<created var> ESV indexed to (Echo BSA ^1.3): total

B4. Ventricular mass

_____. ____ g

_____. ____ g

VENTMSS1	B4a. Ventricular mass: Main (g)
VENTMSS2	B4b. Ventricular mass: Secondary (g)
ventmss3	<created var> Ventricular mass: total (g)

<Created Variable> Ventricular Mass Indexed to BSA

ventmssi1	<created var> Ventricular mass indexed to (Echo BSA ^1.3): main
ventmssi2	<created var> Ventricular mass indexed to (Echo BSA ^1.3): secondary
ventmssi3	<created var> Ventricular mass indexed to (Echo BSA ^1.3): total

<Created Variable> Ventricular Mass:Volume Ratio

mass2edv1	<created var> Mass to EDV ratio: main
mass2edv2	<created var> Mass to EDV ratio: secondary
mass2edv3	<created var> Mass to EDV ratio: total

B5. Ventricular stroke volume

____. ____ ml

____. ____ ml

MRISV1	B5a. Ventricular stroke volume: Main (ml)
MRISV2	B5b. Ventricular stroke volume: Secondary (ml)
mrismv3	<created var> Ventricular stroke volume: total (ml)

B6. Ejection fraction

____. ____ %

____. ____ %

MRIEF1	B6a. Ejection fraction %: Main
MRIEF2	B6b. Ejection fraction %: Secondary
mrrief3	<created var> Ejection fraction: total (%)

B7. Cardiac output

____. ____ L/min

MRICO	B7. Cardiac output (L/min)
MRICOi	<created var> Cardiac Output indexed to (Echo BSA)

Special coding instructions for Questions B2-B7: Enter “– 5” as the special missing value code for any measurement in Section B that cannot be reliably recorded or is uninterpretable because the study is technically inadequate.

MRICI	<Ver A only> B12. Cardiac Index
mrismi3	<created var> Ventricular stroke volume indexed to (Echo BSA): total

Section C: MEASURES OF LOCAL FLOW**Flow Rate (L/min)**

If missing, circle reason code

NOT APPLICABLE*	TECHNICALLY INADEQUATE	NOT RECORDED
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C1. Superior vena cava __ __ . __ __ __

-1

-5

-6

SVCFLOW	C1. Superior vena cava (L/min)
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C2. IVC/Right atrium junction __ __ . __ __ __

-1

-5

-6

IVCFLOW	C2. IVC/Right atrium junction (L/min)
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C3. Right pulmonary artery __ __ . __ __ __

-1

-5

-6

RPAFLOW	C3. Right pulmonary artery (L/min)
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C4. Left pulmonary artery __ __ . __ __ __

-1

-5

-6

LPAFLOW	C4. Left pulmonary artery (L/min)
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C5. Main pulmonary artery __ __ . __ __ __
(or atrio-pulmonary anastomosis)

-1

-5

-6

MPAFLOW	C5. Main pulmonary artery (L/min)
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C6. Ascending aorta __ __ . __ __ __

-1

-5

-6

AORTFLOW	C6. Ascending aorta (L/min)
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C7. Right AV valve __ __ . __ __ __

-1

-5

-6

RAVFLOW	C7. Right AV valve (L/min)
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C8. Left AV valve __ __ . __ __ __

-1

-5

-6

LAVFLOW	C8. Left AV valve (L/min)
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C9. Common AV valve __ __ . __ __ __

-1

-5

-6

CAVFLOW	C9. Common AV valve (L/min)
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*Structure not present

Section D: ANATOMY (optional)

D1. Was anatomy assessed in one or more regions? YES 1 NO 2 (E1)

ANATOMY	D1. Was anatomy assessed in one or more regions?
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LOCATION	PATHWAY NARROWING	1. If YES, severity		
		MILD	MODERATE	SEVERE
a. Inferior vena cava	YES..... 1	1	2	3
	NO..... 2			

IVCNARRW	D1a. Inferior vena cava
IVCGRADE	D1a1. Inferior vena cava: severity

b. Superior vena cava	YES..... 1	1	2	3
	NO..... 2			

SVCNARRW	D1b. Superior vena cava
SVCGRADE	D1b1. Superior vena cava: severity

c. IVC-SVC pathway (tunnel or conduit)	YES..... 1	1	2	3
	NO..... 2			

IVSVCNAR	D1c. IVC-SVC pathway
IVSVCGRD	D1c1. IVC-SVC pathway: severity

Section D: ANATOMY (continued)

LOCATION	PATHWAY NARROWING	1. If YES, severity		
		MILD	MODERATE	SEVERE
d. Right pulmonary artery	YES.....1 NO.....2	1	2	3

RPANARR	D1d. Right pulmonary artery
RPAGRADE	D1d1. Right pulmonary artery:severity

e. Left pulmonary artery	YES.....1 NO.....2	1	2	3
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LPANARR	D1e. Left pulmonary artery
LPAGRADE	D1e1. Left pulmonary artery:severity

f. Atrio-pulmonary anastomosis	YES.....1 NO.....2	1	2	3
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APANARR	D1f. Atrio-pulmonary anastomosis
APAGRADE	D1f1. Atrio-pulmonary anastomosis: severity

g. Subaortic outflow	YES.....1 NO.....2	1	2	3
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SUBANARR	D1g. Subaortic outflow
SUBAGRAD	D1g1. Subaortic outflow:severity

h. Ascending aorta	YES.....1 NO.....2	1	2	3
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ASCANARR	D1h. Ascending aorta
ASCAGRAD	D1h1. Ascending aorta:severity

Section D: ANATOMY (continued)

LOCATION	PATHWAY NARROWING	1. If YES, severity		
		MILD	MODERATE	SEVERE
i. Aortic arch	YES.....1 NO.....2	1	2	3

ARCHNARR	D1i. Aortic arch
ARCHGRAD	D1i1. Aortic arch:severity

j. Aortic isthmus/ descending Ao	YES.....1 NO.....2	1	2	3
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ISTHNARR	D1j. Aortic isthmus/descending Ao
ISTHGRAD	D1j1. Aortic isthmus/descending Ao: severity

k. Left pulmonary veins	YES.....1 NO.....2	1	2	3
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LPVNARR	D1k. Left pulmonary veins
LPVGRADE	D1k1. Left pulmonary veins: severity

l. Right pulmonary veins	YES.....1 NO.....2	1	2	3
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RPVNARR	D1l. Right pulmonary veins
RPVGRADE	D1l1. Right pulmonary veins: severity

m. Atrial septum	YES.....1 NO.....2	1	2	3
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ASEPNARR	D1m. Atrial septum
ASEPGRAD	D1m1. Atrial septum: severity

Section E: COMMENTS

E1. Are there any comments the reader would like to make about this study? YES 1 NO 2 (**END**)

READCOMM	E1. Comments by the reader on the MRI image
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a. Specify:

RDCOMM_S	E1a. Specify
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FORMSTAT_ID	Unique form/subject ID
FORM_ID	4 letter code for the form
VER_ID	1 letter code added to form code to make unique form/version
DESTATUS	Form completion