

DATA SET: echa LABEL: DATE CREATED: 11DEC14:11:30:26
 Number of Observations: 5076
 Number of Variables: 65
 Organization of file: Multiple Records per JHS Participant (SUBJID)

Variable Name	Variable Label (VAR)	VAR Type	VAR Format	VAR Length	Mean	Range of Values	Frequency Category	Frequency	Percent
SUBJID	PARTICIPANT ANALYSIS ID	Char	\$	7		-			
VISIT	CONTACT OCCASION	Num		8	1	1.00-1.00		5076	100.00
ECHA3	Technicians ID	Char	\$	3		-		1	0.02
						1		317	6.25
						2		1489	29.33
						3		609	12.00
						4		1527	30.08
						5		1133	22.32
ECHA4	Readers Initials	Char	\$	3		0		1	0.02
						2		1	0.02
						3		1	0.02
						50		1	0.02
						TES		5072	99.92
ECHA13	Body Surface Area	Num		8	2.00033188	1.34-3.56		5062	99.72
ECHA16	LA dilation (0=None 1= Mild 2=Mod 3=Severe 9=Can't Assess)	Char	\$	1		-		15	0.30
						0		4281	84.34
						1		748	14.74
						2		23	0.45
						3		1	0.02
						9		8	0.16
ECHA17	LV dilation (0=None 1= Mild 2=Mod 3=Severe 9=Can't Assess)	Char	\$	1		-		15	0.30
						0		4780	94.17
						1		220	4.33
						2		44	0.87
						3		9	0.18

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						9		8	0.16
ECHA18	RA dilation (0=None 1= Mild 2=Mod 3=Severe 9=Can't Assess)	Char	\$	1		-		24	0.47
						0		5024	98.98
						1		20	0.39
						9		8	0.16
ECHA19	RV dilation (0=None 1= Mild 2=Mod 3=Severe 9=Can't Assess)	Char	\$	1		-		19	0.37
						0		5036	99.21
						1		13	0.26
						9		8	0.16
ECHA20	Aortic dilation (0=None 1= Mild 2=Mod 3=Severe 9=Can't Assess)	Char	\$	1		-		23	0.45
						0		4777	94.11
						1		264	5.20
						2		2	0.04
						9		10	0.20
ECHA21	LV Hypertrophy (Qualitative Assessment) (0=None 1= Mild 2=Mod 3=Severe 9=Can't Assess)	Char	\$	1		-		44	0.87
						0		4740	93.38
						1		275	5.42
						2		7	0.14
						9		10	0.20
ECHA22	Pericardial effusion (0=None 1= Small 2=Mod 3=Large 9=Can't Assess)	Char	\$	1		-		43	0.85
						0		4985	98.21
						1		35	0.69
						2		3	0.06
						3		2	0.04

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						9		8	0.16
ECHA23	LV ejection fraction (Semi quantitative;nearest 5%)	Char	\$	2		-		28	0.55
						10		1	0.02
						15		11	0.22
						25		6	0.12
						30		8	0.16
						35		23	0.45
						40		12	0.24
						45		100	1.97
						50		239	4.71
						55		1125	22.16
						60		468	9.22
						65		2508	49.41
						70		87	1.71
						75		450	8.87
						85		10	0.20
ECHA24	LV regional wall motion (N=Normal B=Border line A=Abnormal 9=can't assess)	Char	\$	1		-		57	1.12
						9		25	0.49
						A		49	0.97
						B		30	0.59
						N		4915	96.83
ECHA25	Aortic leaflets (0=Normal 1=Sclerosis 2,3,4=Mild/Mod/Severe Stenosis 9=can't assess)	Char	\$	1		-		53	1.04
						0		4690	92.40
						1		259	5.10
						2		53	1.04
						3		4	0.08

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						4		5	0.10
						9		12	0.24
ECHA26	Mitral leaflets (0=Normal 1=Sclerosis 2,3,4=Mild/Mod/Severe Stenosis 9=can't assess)	Char	\$	1		-		65	1.28
						0		4953	97.58
						1		39	0.77
						2		6	0.12
						3		1	0.02
						9		12	0.24
ECHA27	Mitral regurgitation (0=Normal 1=Sclerosis 2,3,4=Mild/Mod/Severe 9=can't assess)	Char	\$	1		-		26	0.51
						0		2276	44.84
						1		1690	33.29
						2		957	18.85
						3		114	2.25
						4		5	0.10
						9		8	0.16
ECHA28	Aortic regurgitation (0=Normal 1=Sclerosis 2,3,4=Mild/Mod/Severe 9=can't assess)	Char	\$	1		-		30	0.59
						0		4318	85.07
						1		349	6.88
						2		317	6.25
						3		44	0.87
						9		18	0.35
ECHA29	Tricuspid regurgitation (0=Normal 1=Sclerosis 2,3,4=Mild/Mod/Severe 9=can't assess)	Char	\$	1		-		21	0.41
						0		1431	28.19
						1		3006	59.22
						2		529	10.42

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						3		81	1.60
						9		8	0.16
ECHA30	Pulmonary regurgitation (0=Normal 1=Sclerosis 2,3,4=Mild/Mod/Severe 9=can't assess)	Char	\$	1		-		375	7.39
						0		3181	62.67
						1		1331	26.22
						2		173	3.41
						3		1	0.02
						9		15	0.30
ECHA31	Mitral Anular Calcification (0=None 1=Mild 2=marked 9=can't assess)	Char	\$	1		-		75	1.48
						0		4915	96.83
						1		7	0.14
						2		75	1.48
						9		4	0.08
ECHA32	Mitral Valve Prolapse (0=None 1=Mild 2=marked 9=can't assess)	Char	\$	1		-		88	1.73
						0		4974	97.99
						1		5	0.10
						2		4	0.08
						9		5	0.10
ECHA33	Other Echocardiographic abnormalities	Char	\$	256		-		5058	99.65
						2-D FROM APICAL VIEW		1	0.02
						ANEURYSM OF INTERATRIAL SEPTUM IS NOTED,		1	0.02
						BIFASCICULAR BLOCK ON EKG - ADVISED TO C		1	0.02
						ECHO SHOWS SOME (MILD 0.9) PERICARDIAL E		1	0.02
						MV PROSTHESIS		1	0.02

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						NO LV MEASUREMENTS DONE		1	0.02
						PA SYSTOLIC PRESSURE IS NORMAL BASED ON		1	0.02
						PATIENT INFORMED ABOUT LIVER CYST (12X10		1	0.02
						PATIENT MADE AWARE OF HER CARDIAC CONDIT		1	0.02
						PATIENT MADE AWARE OF THE SITUATION AND		1	0.02
						PATIENT MAY HAVE MILD AS, BUT NO VELOCIT		1	0.02
						PATIENT TOLD ABOUT THIS CONDITION, WILL		1	0.02
						SYSTOLIC FUNCTION IS MODERATELY DEPRESSED		1	0.02
						THE TRANSMITRAL FLOW PATTERN SUGGESTS AB		1	0.02
						THERE IS A TRIVIAL (PHYSIOLOGICAL) PERIC		1	0.02
						UNCONVENTIONAL VIEWS - SUBCOSTAL		1	0.02
						VALVE OPENING IS RESTRICTED DE TO SEVERE		1	0.02
						WITH FEATURES OF CARDIAC TAMPONADE.		1	0.02
ECHA34	View used for 2D measurements (L=long axis S=short axis 9=not measured)	Char	\$	1		-		397	7.82
						9		13	0.26
						L		1426	28.09
						S		3240	63.83
ECHA35	View used for M-Mode measurements (L=long axis S=short axis 9=not measured)	Char	\$	1		-		422	8.31
						9		1219	24.01
						L		74	1.46

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						S		3361	66.21
ECHA36	Is the Septal angle greater than 30 degrees to transducer ? (Y=Yes N=No)	Char	\$	1		-		463	9.12
						N		4525	89.14
						Y		88	1.73
ECHA37	Quality of 2D parasternal images (3=Excellent 2=Good 1=Fair 0=Not useable 9=Not recorded)	Char	\$	1		-		379	7.47
						0		26	0.51
						1		4257	83.87
						2		379	7.47
						3		30	0.59
						9		5	0.10
ECHA38	Quality of M-Mode recording of LV (3=Excellent 2=Good 1=Fair 0=Not useable 9=Not recorded)	Char	\$	1		-		374	7.37
						0		417	8.22
						1		3236	63.75
						2		179	3.53
						3		19	0.37
						9		851	16.77
ECHA39	Clinical alert findings present? (Y=Yes N=No)	Char	\$	1		-		15	0.30
						+		1	0.02
						0		1	0.02
						1		1	0.02
						N		5048	99.45
						Y		10	0.20
ECHA40	Comments about the procedure or data collection	Char	\$	256		-			
ECHA41	M-mode diastolic IV septum thickness in millimeters	Num		8	8.81773862	5.30-17.80		3405	67.08

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ECHA43	M-mode diastolic LV diameter in millimeters	Num		8	49.5875095	35.50-78.60		3405	67.08
ECHA44	M-mode systolic LV diameter in millimeters	Num		8	30.2513378	10.70-71.30		3401	67.00
ECHA45	M-mode diastolic posterior wall thickness in millimeters	Num		8	8.38636016	5.20-16.00		3404	67.06
ECHA47	M-mode LA diameter (end-systole) in millimeters	Num		8	35.8278033	20.00-62.90		3050	60.09
ECHA48	M-mode aortic root diameter (end-diastole) at sinuses in millimeters	Num		8	31.5830283	22.00-46.30		3005	59.20
ECHA49	M-mode calculated left ventricular mass (grams)	Num		8	149.054202	66.40-384.23		3403	67.04
ECHA50	2D diastolic IV septum thickness in millimeters	Num		8	9.0772944	0.84-80.90		5034	99.17
ECHA52	2D diastolic LV diameter in millimeters	Num		8	48.495777	17.30-78.30		5032	99.13
ECHA53	2D systolic LV diameter in millimeters	Num		8	29.8810822	5.90-70.10		5027	99.03
ECHA54	2D diastolic posterior wall thickness in millimeters	Num		8	8.62372343	1.00-40.60		5033	99.15
ECHA56	2D LA diameter (end-systole) in millimeters	Num		8	35.1395659	20.00-60.00		5022	98.94
ECHA57	2D aortic root diameter (end-diastole) at sinuses in millimeters	Num		8	31.7223186	16.70-50.00		5029	99.07
ECHA58	2D calculated left ventricular mass (grams)	Num		8	149.476597	10.41-1867.15		5030	99.09
ECHA59	Doppler mean aortic outflow velocity (cm/sec)	Num		8	0.7511993	0.32-4.64		4591	90.45
ECHA60	Doppler peak aortic outflow velocity (cm/sec)	Num		8	1.11921584	0.15-7.29		4596	90.54
ECHA61	Doppler velocity-time integral of aortic outflow (cm)	Num		8	23.4084293	0.25-117.00		4584	90.31
ECHA62	Heart rate during aortic outflow Doppler study	Num		8	65.7863267	1.00-148.00		4549	89.62
ECHA63	Systolic ejection time (seconds per beat)	Num		8	309.467194	0.35-485.00		4394	86.56
ECHA64	Doppler peak mitral E wave velocity (m/sec)	Num		8	0.84286076	0.24-1.88		4740	93.38

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ECHA65	Doppler peak mitral A wave velocity (m/sec)	Num		8	0.80898353	0.15-1.90		4737	93.32
ECHA66	Ratio of MV_PeakE to MA_PeakA	Num		8	1.09900993	0.30-4.87		4731	93.20
ECHA67	Doppler velocity-time integral of mitral E wave (cm)	Num		8	11.6659141	0.54-34.70		4425	87.17
ECHA68	Doppler velocity-time integral of mitral A wave (cm)	Num		8	6.99837876	0.44-19.50		4425	87.17
ECHA69	Heart rate during mitral inflow Doppler study	Num		8	65.5041922	3.00-139.00		4413	86.94
ECHA70	Diastolic filling period	Num		8	487.616932	0.50-995.00		4221	83.16
ECHA71	Doppler velocity-time integral of the entire mitral inflow (cm)	Num		8	21.5814453	5.97-65.00		4518	89.01
ECHA72	Isovolumic relaxation time	Num		8	94.7508532	40.00-225.00		4688	92.36
ECHA73	Doppler pulmonary vein peak S velocity	Num		8	0.60137254	0.20-1.23		4260	83.92
ECHA74	Doppler pulmonary vein peak D velocity	Num		8	0.48581953	0.09-1.41		4250	83.73
ECHA75	Doppler pulmonary vein peak A velocity	Num		8	0.30956903	0.16-1.50		4339	85.48
ECHA76	Ratio of PV_PeakS to PV_PeakD	Num		8	1.29488598	0.32-11.33		4236	83.45
ECHA77	Pulmonary acceleration time	Num		8	125.772666	50.00-250.00		4456	87.79
ECHA78	Tricuspid regurgitation peak velocity (mmHg)	Num		8	22.8720293	5.00-64.00		3282	64.66
ECHA79	Record Status (D=Data exists , M= Missing data)	Char	\$	1		D		5076	100.00