



# **Echocardiographic Study of Latinos (Echo SOL)**

## **Codebook for Visit 2 Examination**

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INV version 2.0**

**Prepared by  
Echo SOL Coordinating Center  
Collaborative Studies Coordinating Center  
UNC Department of Biostatistics**

Franklyn Gonzalez II  
Matthew Loop



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## ECHO SOL V2 Study Code Book (INV version 2.0), Chapter 1 Section A

### Section A: Echo SOL Study Visit 2 Procedure

Echo SOL Study Visit 2 Procedure Data File: FORM CODE=EWF VERSION=A

<i>SBP</i>		<i>Systolic BP</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1626	Range	10.00 - 199.00 ( median=130.00 mean=131.15 std=19.09 )
17		Missing

<i>DBP</i>		<i>Diastolic BP</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1625	Range	38.00 - 119.00 ( median=74.00 mean=74.69 std=11.15 )
18		Missing

<i>HR</i>		<i>hr</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1622	Range	41.00 - 151.00 ( median=67.00 mean=67.56 std=11.04 )
21		Missing

<i>HEIGHT</i>		<i>Height</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1625	Range	15.00 - 719.00 ( median=160.00 mean=160.73 std=17.67 )
18		Missing

<i>WEIGHT</i>		<i>Weight</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1625	Range	40.60 - 982.00 ( median=75.75 mean=78.72 std=28.65 )
18		Missing

<i>AO_MAX_PG</i>		<i>Ao max PG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1612	Range	1.43 - 88.73 ( median=7.08 mean=7.87 std=4.43 )
31		Missing

<i>AO_MEAN_PG</i>		<i>Ao mean PG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1612	Range	0.63 - 53.82 ( median=3.41 mean=3.78 std=2.30 )
31		Missing

## ECHO SOL V2 Study Code Book (INV version 2.0), Chapter 1 Section A

## Section A: Echo SOL Study Visit 2 Procedure

AOV2MAX		AoV2MaxVel
N	Value	Description
1612	Range	59.82 - 470.57 ( median=133.02 mean=136.86 std=30.55 )
31		Missing

AOV2VTI		AoV2VTI
N	Value	Description
1612	Range	13.21 - 124.91 ( median=27.57 mean=28.36 std=7.02 )
31		Missing

ASC_AORTA_DIAM		asc Aorta Diam
N	Value	Description
1512	Range	1.68 - 4.34 ( median=2.92 mean=2.93 std=0.37 )
131		Missing

AVA_VTI_		AVA (VTI)
N	Value	Description
1571	Range	0.52 - 6.76 ( median=2.61 mean=2.70 std=0.79 )
72		Missing

BSA		BSA
N	Value	Description
1642	Range	0.31 - 62.04 ( median=1.79 mean=1.90 std=2.01 )
1		Missing

EDV_MOD_BP_		EDV(MOD-bp)
N	Value	Description
1547	Range	31.59 - 230.61 ( median=74.05 mean=77.24 std=21.37 )
96		Missing

EDV2		EDV(MOD-sp2)
N	Value	Description
1560	Range	21.54 - 233.81 ( median=66.80 mean=69.45 std=21.57 )
83		Missing

## ECHO SOL V2 Study Code Book (INV version 2.0), Chapter 1 Section A

### Section A: Echo SOL Study Visit 2 Procedure

<i>EDV4</i>		<i>EDV(MOD-sp4)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1604	Range	28.57 - 202.38 ( median=79.00 mean=81.89 std=23.44 )
39		Missing

<i>EFBP</i>		<i>EF(MOD-bp)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1541	Range	1.26 - 76.23 ( median=59.98 mean=59.35 std=6.17 )
102		Missing

<i>EF2</i>		<i>EF(MOD-sp2)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1556	Range	13.61 - 80.14 ( median=60.37 mean=59.70 std=6.50 )
87		Missing

<i>EF4</i>		<i>EF(MOD-sp4)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1602	Range	3.26 - 78.88 ( median=59.40 mean=58.82 std=6.54 )
41		Missing

<i>ESV_MOD_BP_</i>		<i>ESV(MOD-bp)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1541	Range	11.15 - 133.92 ( median=29.30 mean=31.69 std=11.77 )
102		Missing

<i>ESV2</i>		<i>ESV(MOD-sp2)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1556	Range	5.39 - 152.39 ( median=26.06 mean=28.23 std=11.49 )
87		Missing

<i>ESV4</i>		<i>ESV(MOD-sp4)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1602	Range	7.02 - 163.04 ( median=31.70 mean=34.12 std=13.19 )
41		Missing

## ECHO SOL V2 Study Code Book (INV version 2.0), Chapter 1 Section A

### Section A: Echo SOL Study Visit 2 Procedure

<i>FS</i>		<i>Fractional Shortening</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1622	Range	-1.73 - 54.19 ( median=28.26 mean=28.23 std=5.44 )
21		Missing

<i>IVC1</i>		<i>IVC1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1407	Range	0.11 - 2.77 ( median=0.81 mean=0.91 std=0.45 )
236		Missing

<i>IVC2</i>		<i>IVC2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1463	Range	0.31 - 168.08 ( median=1.41 mean=1.51 std=4.38 )
180		Missing

<i>IVSD</i>		<i>IVSd</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1625	Range	0.50 - 94.05 ( median=1.06 mean=1.13 std=2.32 )
18		Missing

<i>LA_AREA_A2</i>		<i>LA area A2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1494	Range	5.31 - 96.79 ( median=15.89 mean=16.29 std=4.07 )
149		Missing

<i>LA_AREA_A4</i>		<i>LA area A4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1517	Range	6.77 - 42.90 ( median=15.31 mean=15.79 std=3.88 )
126		Missing

<i>LADIM</i>		<i>LA dim</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1607	Range	1.80 - 5.62 ( median=3.50 mean=3.52 std=0.51 )
36		Missing

## ECHO SOL V2 Study Code Book (INV version 2.0), Chapter 1 Section A

### Section A: Echo SOL Study Visit 2 Procedure

<i>LPA</i>		<i>Lat Peak A' vel</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1606	Range	1.32 - 20.07 ( median=9.98 mean=10.06 std=2.34 )
37		Missing

<i>LPE</i>		<i>Lat Peak E' Vel</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1613	Range	2.04 - 16.45 ( median=8.11 mean=8.20 std=2.31 )
30		Missing

<i>LPS</i>		<i>Lat Peak S Vel</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1595	Range	3.86 - 21.18 ( median=7.90 mean=8.12 std=1.87 )
48		Missing

<i>LAVBP</i>		<i>lavbp</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
928	Range	3.64 - 178.70 ( median=41.73 mean=43.87 std=15.32 )
715		Missing

<i>LAV2</i>		<i>LAV(MOD-sp2)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1505	Range	2.15 - 168.72 ( median=40.95 mean=43.09 std=14.96 )
138		Missing

<i>LAV4</i>		<i>LAV(MOD-sp4)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1537	Range	1.34 - 187.55 ( median=37.53 mean=40.44 std=15.73 )
106		Missing

<i>LVIVRT</i>		<i>LV IVRT</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1527	Range	0.03 - 7.27 ( median=0.08 mean=0.08 std=0.18 )
116		Missing

## ECHO SOL V2 Study Code Book (INV version 2.0), Chapter 1 Section A

### Section A: Echo SOL Study Visit 2 Procedure

<i>LVMD</i>		<i>LV mass(C)d</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1625	Range	4.76 - 525.53 ( median=143.69 mean=151.38 std=47.07 )
18		Missing

<i>LVMDL</i>		<i>LV mass(C)dl</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1624	Range	2.89 - 460.57 ( median=79.98 mean=83.31 std=23.48 )
19		Missing

<i>LV_V1_MAX</i>		<i>LV V1 max</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1628	Range	42.50 - 215.95 ( median=104.50 mean=106.24 std=19.67 )
15		Missing

<i>LVVTI</i>		<i>LV V1 VTI</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1628	Range	8.67 - 184.72 ( median=22.25 mean=22.55 std=5.97 )
15		Missing

<i>LVIDD</i>		<i>LVIDd</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1625	Range	0.16 - 6.53 ( median=4.29 mean=4.32 std=0.53 )
18		Missing

<i>LVIDS</i>		<i>LVIDs</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1622	Range	1.90 - 71.34 ( median=3.07 mean=3.14 std=1.75 )
21		Missing

<i>LVLd_AP2</i>		<i>LV Length d ap2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1560	Range	0.90 - 9.43 ( median=7.02 mean=7.05 std=0.71 )
83		Missing

## ECHO SOL V2 Study Code Book (INV version 2.0), Chapter 1 Section A

### Section A: Echo SOL Study Visit 2 Procedure

<i>LULD_AP4</i>		<i>LV Length d ap4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1604	Range	5.38 - 25.25 ( median=7.34 mean=7.37 std=0.82 )
39		Missing

<i>LVLS_AP2</i>		<i>LV Length s ap2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1556	Range	1.84 - 8.37 ( median=5.62 mean=5.65 std=0.65 )
87		Missing

<i>LVLS_AP4</i>		<i>LV Length s ap4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1602	Range	3.15 - 8.51 ( median=5.83 mean=5.86 std=0.65 )
41		Missing

<i>LVAREA</i>		<i>LVOT area</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1606	Range	0.10 - 7.32 ( median=3.24 mean=3.34 std=0.77 )
37		Missing

<i>LVDIAM</i>		<i>LVOT diam</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1606	Range	1.36 - 24.29 ( median=2.03 mean=2.06 std=0.60 )
37		Missing

<i>LVPWD</i>		<i>LVPWd</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1625	Range	0.56 - 27.38 ( median=0.96 mean=0.99 std=0.68 )
18		Missing

<i>MPA</i>		<i>Med Peak A' Vel</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1621	Range	1.62 - 18.67 ( median=8.77 mean=8.81 std=1.84 )
22		Missing

## ECHO SOL V2 Study Code Book (INV version 2.0), Chapter 1 Section A

### Section A: Echo SOL Study Visit 2 Procedure

<i>MPE</i>		<i>Med Peak E' Vel</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1628	Range	1.73 - 44.35 ( median=6.11 mean=6.22 std=1.88 )
15		Missing

<i>MPS</i>		<i>Med Peak S Vel</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1617	Range	0.45 - 17.29 ( median=6.62 mean=6.76 std=1.40 )
26		Missing

<i>MVAMAX</i>		<i>MV A max vel</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1611	Range	0.07 - 156.32 ( median=75.03 mean=76.05 std=18.54 )
32		Missing

<i>MV_DEC_SLOPE</i>		<i>MV dec slope</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1543	Range	8.65 - 1159.16 ( median=294.99 mean=316.53 std=125.15 )
100		Missing

<i>MVTIME</i>		<i>MV dec time</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1609	Range	0.05 - 6.02 ( median=0.21 mean=0.21 std=0.16 )
34		Missing

<i>MVEMAX</i>		<i>MV E max vel</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1620	Range	7.52 - 212.42 ( median=70.58 mean=71.97 std=18.43 )
23		Missing

<i>MVE_A</i>		<i>MV E/A</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1611	Range	0.40 - 14.95 ( median=0.91 mean=0.99 std=0.46 )
32		Missing

## ECHO SOL V2 Study Code Book (INV version 2.0), Chapter 1 Section A

### Section A: Echo SOL Study Visit 2 Procedure

<i>MV_V2_VTI</i>		<i>MV V2 VTI</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1572	Range	11.39 - 83.88 ( median=28.90 mean=29.69 std=7.51 )
71		Missing

<i>MVA_P1_2T_</i>		<i>MVA(P1/2t)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1543	Range	0.51 - 8.50 ( median=2.49 mean=2.60 std=0.75 )
100		Missing

<i>MVA_VTI_</i>		<i>MVA(VTI)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1528	Range	0.56 - 7.21 ( median=2.48 mean=2.61 std=0.86 )
115		Missing

<i>PULMDUR</i>		<i>Pulm A Revs Dur</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1523	Range	0.04 - 2.18 ( median=0.11 mean=0.12 std=0.06 )
120		Missing

<i>PULMAV</i>		<i>Pulm A Revs Vel</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1510	Range	14.29 - 79.52 ( median=24.25 mean=24.94 std=5.28 )
133		Missing

<i>PULMDV</i>		<i>Pulm Dias Vel</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1542	Range	15.42 - 82.43 ( median=34.71 mean=35.89 std=9.24 )
101		Missing

<i>PULMS_D</i>		<i>Pulm S/D</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1542	Range	0.35 - 2.78 ( median=1.44 mean=1.46 std=0.33 )
101		Missing

## ECHO SOL V2 Study Code Book (INV version 2.0), Chapter 1 Section A

## Section A: Echo SOL Study Visit 2 Procedure

<i>PULMSV</i>		<i>Pulm Sys Vel</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1545	Range	16.78 - 104.64 ( median=49.80 mean=50.68 std=11.87 )
98		Missing

<i>R_END</i>		<i>R_end</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1544	Range	0.08 - 0.55 ( median=0.41 mean=0.41 std=0.04 )
99		Missing

<i>R_ONSET</i>		<i>R_onset</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1546	Range	0.03 - 0.15 ( median=0.08 mean=0.08 std=0.02 )
97		Missing

<i>RVPA</i>		<i>RV Peak A' Vel</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1553	Range	3.08 - 30.08 ( median=11.89 mean=12.07 std=2.99 )
90		Missing

<i>RVPE</i>		<i>RV Peak E' Vel</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1560	Range	2.72 - 21.93 ( median=7.71 mean=8.04 std=2.40 )
83		Missing

<i>RVPS</i>		<i>RV Peak S Vel</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1495	Range	3.10 - 24.81 ( median=10.88 mean=11.06 std=2.43 )
148		Missing

<i>RVVTI</i>		<i>RV V1 VTl</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1608	Range	5.00 - 32.07 ( median=16.13 mean=16.31 std=3.51 )
35		Missing

## ECHO SOL V2 Study Code Book (INV version 2.0), Chapter 1 Section A

### Section A: Echo SOL Study Visit 2 Procedure

<i>RVAD4</i>		<i>RVAd ap4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1483	Range	5.04 - 33.87 ( median=14.91 mean=15.27 std=3.65 )
160		Missing

<i>RVAS4</i>		<i>RVAs ap4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1476	Range	3.46 - 21.56 ( median=8.86 mean=9.20 std=2.62 )
167		Missing

<i>RVAREA</i>		<i>RVOT area</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1589	Range	0.58 - 12.05 ( median=3.09 mean=3.22 std=1.33 )
54		Missing

<i>RVDIAM</i>		<i>RVOT diam</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1589	Range	0.86 - 3.92 ( median=1.98 mean=1.98 std=0.41 )
54		Missing

<i>LVSV</i>		<i>SV(LVOT)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1592	Range	23.41 - 236.06 ( median=71.22 mean=74.20 std=20.23 )
51		Missing

<i>RVSV</i>		<i>SV(RVOT)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1563	Range	9.52 - 171.65 ( median=47.81 mean=51.55 std=21.84 )
80		Missing

<i>TAPSE</i>		<i>TAPSE</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1612	Range	0.35 - 3.51 ( median=2.00 mean=2.01 std=0.40 )
31		Missing

## ECHO SOL V2 Study Code Book (INV version 2.0), Chapter 1 Section A

### Section A: Echo SOL Study Visit 2 Procedure

<i>TRPG</i>		<i>TR max PG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1477	Range	0.40 - 59.16 ( median=15.28 mean=14.51 std=7.91 )
166		Missing

<i>TRVEL</i>		<i>TR max vel cm/sec</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1477	Range	31.59 - 384.59 ( median=195.46 mean=181.36 std=58.04 )
166		Missing

<i>TRVELMSEC</i>		<i>TR max vel m/sec</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1477	Range	0.32 - 3.85 ( median=1.95 mean=1.81 std=0.58 )
166		Missing

<i>LAVI2</i>		<i>LA Volume Index2 (ml/m2)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1504	Range	0.03 - 198.81 ( median=22.92 mean=23.91 std=9.14 )
139		Missing

<i>LAVI4</i>		<i>LA Volume Index4 (ml/m2)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1536	Range	0.02 - 138.22 ( median=21.32 mean=22.42 std=8.79 )
107		Missing

<i>RVFAC</i>		<i>RV Fractional Area Change</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1475	Range	0.03 - 0.68 ( median=0.40 mean=0.40 std=0.09 )
168		Missing

<i>E_EPRIME_LAT</i>		<i>E/Em Lateral Ratio</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1593	Range	0.99 - 57.58 ( median=8.59 mean=9.52 std=4.22 )
50		Missing

## ECHO SOL V2 Study Code Book (INV version 2.0), Chapter 1 Section A

### Section A: Echo SOL Study Visit 2 Procedure

<i>E_EPRIME_SEP</i>		<i>E/Em Septal Ratio</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1608	Range	0.17 - 60.01 ( median=11.53 mean=12.36 std=4.75 )
35		Missing

<i>RWT</i>		<i>Relative Wall Thickenss</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1625	Range	0.23 - 334.44 ( median=0.44 mean=0.66 std=8.29 )
18		Missing

<i>LAV</i>		<i>LA Volume</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1608	Range	1.75 - 178.14 ( median=39.43 mean=41.67 std=14.14 )
35		Missing

<i>LAVI</i>		<i>LA Volume Index</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1607	Range	0.03 - 168.52 ( median=22.09 mean=23.09 std=8.23 )
36		Missing

<i>ESV</i>		<i>End Systolic Volume</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1614	Range	6.20 - 135.73 ( median=28.77 mean=31.23 std=11.78 )
29		Missing

<i>EDV</i>		<i>End Diastolic Volume</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1614	Range	26.46 - 218.09 ( median=72.90 mean=75.75 std=21.04 )
29		Missing

<i>C_OUTPUT</i>		<i>Cardiac Output</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1571	Range	1685.51 - 12747.01 ( median=4726.73 mean=4971.32 std=1488.59 )
72		Missing

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<i>PVR</i>		<i>Pulmonary vascular resistance</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1452	Range	0.39 - 6.55 ( median=1.34 mean=1.33 std=0.48 )
191		Missing

<i>LVWTM</i>		<i>Mean LV wall thickness</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1625	Range	0.59 - 60.72 ( median=1.01 mean=1.06 std=1.49 )
18		Missing

<i>CI</i>		<i>Cardiac Index</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1570	Range	102.51 - 9640.62 ( median=2621.29 mean=2751.40 std=782.13 )
73		Missing

<i>EA</i>		<i>Arterial elastance</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1575	Range	0.12 - 4.93 ( median=1.64 mean=1.70 std=0.50 )
68		Missing

<i>SVRI</i>		<i>Systemic vascular resistance</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1569	Range	0.66 - 67.09 ( median=2.82 mean=3.00 std=2.44 )
74		Missing

<i>RAP</i>		<i>Right Atrial Pressure</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1406	Range	5.00 - 20.00 ( median=5.00 mean=5.89 std=1.94 )
237		Missing

<i>IVC_COLLAPSE</i>		<i>IVC Collapse</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1406	Range	0.23 - 1480.18 ( median=1.92 mean=2.94 std=39.44 )
237		Missing

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<i>RVSP</i>		<i>Right Ventricular Systolic</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1270	Range	5.71 - 69.16 ( median=21.13 mean=20.54 std=8.19 )
373		Missing

<i>EES</i>		<i>LV end-systolic elastance</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1414	Range	0.24 - 7.12 ( median=2.26 mean=2.35 std=0.77 )
229		Missing

<i>MAP</i>		<i>Mean Arterial Pressure</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1625	Range	53.33 - 136.00 ( median=92.67 mean=93.52 std=12.27 )
18		Missing

<i>EDV_BSA</i>		<i>EDV/BSA</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1613	Range	0.43 - 200.63 ( median=40.79 mean=41.81 std=10.77 )
30		Missing

<i>IVS_NORM</i>		<i>IVS norm 1.2 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
402	Abnormal	Abnormal
1223	Normal	Normal
18		Missing

<i>PW_NORM</i>		<i>PW norm 1.2 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
158	Abnormal	Abnormal
1467	Normal	Normal
18		Missing

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<i>LVM_INDEX_NORM</i>		<i>LVMlg/m2 115 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
129	Abnormal	Abnormal
1495	Normal	Normal
19		Missing

<i>RWT_NORM</i>		<i>RWT 0.42 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
960	Abnormal	Abnormal
665	Normal	Normal
18		Missing

<i>LADIM_NORM</i>		<i>LADIM 4.2 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
145	Abnormal	Abnormal
1462	Normal	Normal
36		Missing

<i>LAVI_NORM</i>		<i>LAVI 29 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
253	Abnormal	Abnormal
1354	Normal	Normal
36		Missing

<i>EDV_NORM</i>		<i>EDV 95 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
240	Abnormal	Abnormal
1374	Normal	Normal
29		Missing

<i>ESV_NORM</i>		<i>ESV 40 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
275	Abnormal	Abnormal
1339	Normal	Normal
29		Missing

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<i>EF_NORM</i>		<i>EF 50 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
88	Abnormal	Abnormal
1453	Normal	Normal
102		Missing

<i>LVSV_NORM</i>		<i>LVSV 55 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
222	Abnormal	Abnormal
1370	Normal	Normal
51		Missing

<i>EA_NORM</i>		<i>E/A 0.8-1.5 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
531	Abnormal	Abnormal
1080	Normal	Normal
32		Missing

<i>EPRIME_NORM</i>		<i>E' 8 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1110	Abnormal	Abnormal
521	Normal	Normal
12		Missing

<i>E_EPRIME_NORM</i>		<i>E E' 10 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
775	Abnormal	Abnormal
836	Normal	Normal
32		Missing

<i>SD_NORM</i>		<i>S/D 1 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
117	Abnormal	Abnormal
1425	Normal	Normal
101		Missing

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<i>IVRT_NORM</i>		<i>IVRT 0.06-0.1 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
265	Abnormal	Abnormal
1262	Normal	Normal
116		Missing

<i>RVPS_NORM</i>		<i>RVPS 10 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
645	Abnormal	Abnormal
998	Normal	Normal

<i>TAPSE_NORM</i>		<i>TAPSE 1.5 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
149	Abnormal	Abnormal
1463	Normal	Normal
31		Missing

<i>RVAS4_NORM</i>		<i>RVAS4 16 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
21	Abnormal	Abnormal
1455	Normal	Normal
167		Missing

<i>RVAD4_NORM</i>		<i>RVAD4 28 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5	Abnormal	Abnormal
1478	Normal	Normal
160		Missing

<i>RVFAC_NORM</i>		<i>RVFAC 0.32 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
261	Abnormal	Abnormal
1214	Normal	Normal
168		Missing

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<i>TRVEL_NORM</i>		<i>TRVEL 2.5 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
105	Abnormal	Abnormal
1372	Normal	Normal
166		Missing

<i>RVSV_NORM</i>		<i>RVSV 60_100 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1121	Abnormal	Abnormal
442	Normal	Normal
80		Missing

<i>LAVI_34_NORM</i>		<i>LAVI 34 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
105	Abnormal	Abnormal
1502	Normal	Normal
36		Missing

<i>DD_LAVI34</i>		<i>Diastolic Dysfunction w LAVI34</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
649	Grade 0	Grade 0
949	Grade I	Grade I
45		Missing

<i>DD_LAVI34_2CAT_A</i>		<i>Diastolic Dysfunction Grade 0 vs I-III w LAVI34</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
649	Grade 0	Grade 0
949	Grade I	Grade I-III
45		Missing

<i>DD_LAVI34_2CAT_B</i>		<i>Diastolic Dysfunction Grade 0-I vs II-III w LAVI34</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1598	Grade 0-I	Grade 0-I
45		Missing

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<i>DD_LAVI34_6CAT</i>		<i>Diastolic Dysfunction with unknown and unclassifiable</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
649	Grade 0	Grade 0
949	Grade I	Grade I
45	Unknown	Unknown

<i>DD_AUG2016</i>		<i>Diastolic Dysfunction using ASE 2016 guidelines</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
874	Grade 0	Grade 0
723	Grade I	Grade I-III
5	Indeter	Indeter
41		Missing

<i>PREHTN_ECHO</i>		<i>ECHO PrehypertYN sbp120,139 dbp80,89</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
792	0.00	No
833	1.00	Yes
18		Missing

<i>LPSVEL_NORM</i>		<i>Lat Peak S Vel cm/sec 7 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
465	Abnormal	Abnormal
1130	Normal	Normal
48		Missing

<i>FS_NORM</i>		<i>Fractional Shortening 28 cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
777	Abnormal	Abnormal
844	Normal	Normal
22		Missing

<i>CO_NORM</i>		<i>Cardiac Output 4 liters cutoff</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
416	Abnormal	Abnormal
1155	Normal	Normal
72		Missing

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<i>EPRIME</i>		<i>E'</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1631	Range	2.69 - 25.97 ( median=7.17 mean=7.20 std=1.84 )
12		Missing

<i>E_EPRIME</i>		<i>E_E'</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1611	Range	0.29 - 53.75 ( median=9.82 mean=10.61 std=4.02 )
32		Missing

<i>LVGA</i>		<i>LV geometry LVMI 125 RWT 0.42</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
648	1.Normal	1.Normal
907	2.Concentric Remodeling	2.Concentric Remodeling
16	3.Eccentric Hypertrophy	3.Eccentric Hypertrophy
53	4.Concentric Hypertrophy	4.Concentric Hypertrophy
19	5.Unclassified	5.Unclassified

<i>PHTN</i>		<i>Pulmonary Hypertension</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
24	Mild	Mild
1241	Normal	Normal
4	Moderate	Moderate
1	Severe	Severe
373		Missing

<i>LA_AREA_AVG</i>		<i>Average of LA area A4 and A2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1606	Range	6.84 - 59.33 ( median=15.60 mean=16.01 std=3.56 )
37		Missing

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<i>MRJALAA</i>		<i>ratio of MRJA/LA area</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1643		Missing

<i>MRJA</i>		<i>Mitral regurgitation jet area</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1643		Missing

<i>TND</i>		<i>ratio of r_onset/r_end</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1544	Range	0.06 - 1.00 ( median=0.18 mean=0.19 std=0.04 )
99		Missing

<i>LONGST4CH</i>		<i>Average Longitudinal Strain 4ch(%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1600	Range	-26.73 - -6.27 ( median=-16.83 mean=-16.76 std=3.24 )
43		Missing

<i>LONGTIME4CH</i>		<i>Average Longitudinal strain time to peak 4ch(msec)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1600	Range	225.00 - 690.00 ( median=396.00 mean=402.49 std=49.12 )
43		Missing

<i>TRANSST4CH</i>		<i>Average Transverse strain 4ch(%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1600	Range	5.18 - 255.64 ( median=27.82 mean=29.68 std=12.61 )
43		Missing

<i>TRANSTIME</i>		<i>Average Transverse strain time to peak 4ch(msec)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1600	Range	194.00 - 892.00 ( median=395.00 mean=404.09 std=64.25 )
43		Missing

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<i>LONGST2CH</i>		<i>Average Longitudinal Strain 2ch(%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1540	Range	-33.10 - -3.03 ( median=-17.51 mean=-17.67 std=3.50 )
103		Missing

<i>LONGTIME2CH</i>		<i>Average Longitudinal strain time to peak 2ch(msec)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1540	Range	229.00 - 854.00 ( median=423.00 mean=415.77 std=53.27 )
103		Missing

<i>TRANSST2CH</i>		<i>Average Transverse strain 2ch(%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1540	Range	5.48 - 199.26 ( median=28.18 mean=30.43 std=13.87 )
103		Missing

<i>TRANSTIME2CH</i>		<i>Average Transverse strain time to peak 2ch(msec)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1540	Range	92.00 - 1225.00 ( median=396.00 mean=411.87 std=81.41 )
103		Missing

<i>CIRCSTPM</i>		<i>Average Circumferential Strain sax_PM(%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1478	Range	-38.45 - -6.73 ( median=-19.98 mean=-20.40 std=5.15 )
165		Missing

<i>CIRCTIMEPM</i>		<i>Average Circumferential strain time to peak sax_PM(msec)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1478	Range	157.00 - 725.00 ( median=393.00 mean=392.65 std=52.66 )
165		Missing

<i>RADSTPM</i>		<i>Average Radial Strain sax_PM(%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1478	Range	8.58 - 107.92 ( median=31.54 mean=33.51 std=13.25 )
165		Missing

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<i>RADTIMEPM</i>		<i>Average Radial strain time to peak sax_PM(msec)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1478	Range	159.00 - 893.00 ( median=395.00 mean=408.53 std=77.77 )
165		Missing

<i>CIRCSAXMV</i>		<i>Average Circumferential Strain sax_MV(%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1377	Range	-32.55 - -5.01 ( median=-16.31 mean=-16.59 std=4.81 )
266		Missing

<i>CIRCSAXMVTIME</i>		<i>Average Circumferential Strain time to peak sax_MV(msec)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1377	Range	158.00 - 663.00 ( median=425.00 mean=419.39 std=80.57 )
266		Missing

<i>RADSAXMV</i>		<i>Average Radial Strain sax_MV(%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1377	Range	5.88 - 189.73 ( median=32.98 mean=36.45 std=17.60 )
266		Missing

<i>RADSAXMVTIME</i>		<i>Average Radial strain time to peak sax_MV(msec)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1377	Range	161.00 - 963.00 ( median=425.00 mean=426.46 std=111.58 )
266		Missing

<i>CIRCSAXAPEX</i>		<i>Average Circumferential Strain sax_APEX(%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1475	Range	-50.99 - -5.10 ( median=-22.23 mean=-22.65 std=7.13 )
168		Missing

<i>CIRCSAXAPEXTIME</i>		<i>Average Circumferential Strain time to peak sax_APEX(msec)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1475	Range	194.00 - 586.00 ( median=392.00 mean=385.60 std=47.53 )
168		Missing

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<i>RADSAXAPEX</i>		<i>Average Radial Strain sax_APEX(%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1475	Range	4.43 - 225.21 ( median=28.46 mean=30.02 std=13.37 )
168		Missing

<i>RADSAXAPEXTIME</i>		<i>Average Radial Strain time to peak sax_APEX(msec)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1475	Range	65.00 - 892.00 ( median=394.00 mean=400.24 std=77.78 )
168		Missing

<i>DISPLACE_PM_PEA K</i>		<i>PM Average Circumferential displacement SAX_PM(degrees)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1434	Range	0.00 - 13.42 ( median=1.21 mean=1.52 std=1.34 )
209		Missing

<i>DISPLACE_MV_PEA K</i>		<i>MV Average Circumferential displacement SAX_MV(degrees)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1474	Range	-18.28 - 0.00 ( median=-5.50 mean=-5.80 std=2.92 )
169		Missing

<i>DISPLACE_APEX_P EAK</i>		<i>APEX Average Circumferential displacement SAX_AP(degrees)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1463	Range	0.01 - 19.64 ( median=3.15 mean=3.85 std=3.03 )
180		Missing

<i>GLLONGST</i>		<i>Average Global Logitudinal Strain(%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1515	Range	-26.07 - -7.30 ( median=-17.36 mean=-17.26 std=2.77 )
128		Missing

<i>GLLONGTIME</i>		<i>Average Longitudinal strain time to peak(msec)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1625	Range	260.00 - 626.50 ( median=410.00 mean=408.67 std=45.31 )
18		Missing

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<i>LONGST4CH_GLOB AL</i>		<i>Global Longitudinal Strain 4ch (%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1600	Range	-29.46 - -6.08 ( median=-17.87 mean=-17.89 std=3.45 )
43		Missing

<i>LONGTIME4CH_GLO BAL</i>		<i>Global Longitudinal Strain time to peak 4ch(msec)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1600	Range	224.72 - 723.60 ( median=394.87 mean=401.76 std=55.25 )
43		Missing

<i>LONGST2CH_GLOB AL</i>		<i>Global Longitudinal Strain 2ch (%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1540	Range	-33.42 - -3.48 ( median=-18.74 mean=-18.84 std=3.76 )
103		Missing

<i>LONGTIME2CH_GLO BAL</i>		<i>Global Longitudinal Strain time to peak 2ch(msec)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1540	Range	229.35 - 787.49 ( median=397.98 mean=415.37 std=61.63 )
103		Missing

<i>CIRCSTPM_GLOBAL</i>		<i>Global Circumferential Strain sax_pm (%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1478	Range	-42.31 - -6.21 ( median=-20.47 mean=-20.93 std=5.49 )
165		Missing

<i>CIRCTIMEPM_GLOB AL</i>		<i>Global Circumferential Strain time to peak sax_PM (msec)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1478	Range	136.86 - 725.68 ( median=393.03 mean=394.82 std=60.47 )
165		Missing

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<i>CIRCSTMV_GLOBAL</i>		<i>Global Circumferential Strain sax_MV(%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1377	Range	-35.41 - -4.50 ( median=-17.27 mean=-17.45 std=5.05 )
266		Missing

<i>CIRCTIMMV_GLOBAL</i>		<i>Global Circumferential Strain time to peak sax_MV (msec)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1377	Range	161.79 - 696.24 ( median=426.92 mean=422.46 std=89.36 )
266		Missing

<i>CIRCSTAPEX_GLOBAL</i>		<i>Global Circumferential Strain APEX(%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1475	Range	-56.13 - -4.95 ( median=-22.99 mean=-23.70 std=7.84 )
168		Missing

<i>CIRCTIMEAPEX_GLOBAL</i>		<i>Global Circumferential Strain time to peak APEX(msec)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1475	Range	194.10 - 592.49 ( median=391.73 mean=387.50 std=52.29 )
168		Missing

<i>AV_GLLONGST</i>		<i>Average Global Longitudinal Strain Tomtec(%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1515	Range	-27.05 - -7.82 ( median=-18.49 mean=-18.41 std=2.94 )
128		Missing

<i>AV_GLCIRCST</i>		<i>Average Global Circumferential Strain Tomtec (%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1580	Range	-39.62 - -6.99 ( median=-20.54 mean=-20.64 std=4.55 )
63		Missing

<i>AV_CIRCST</i>		<i>Average Global Circumferential Strain (%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1580	Range	-36.97 - -6.73 ( median=-19.80 mean=-19.83 std=4.28 )
63		Missing

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AV_GLLONGSTTIME		Average Global Longitudinal strain time to peak(msec)
N	Value	Description
1625	Range	261.34 - 626.34 ( median=409.11 mean=408.15 std=50.31 )
18		Missing

LVTWIST		displace_apex_peak – Displace_pm_peak
N	Value	Description
1313	Range	0.34 - 27.21 ( median=9.27 mean=9.70 std=4.22 )
330		Missing

VISIT		VISIT
N	Value	Description
1643	2.00	

REDCAP_EVENT_N AME		Event Name
N	Value	Description
		This variable has been removed

SONOGRAPHER_ES 2		Sonographer
N	Value	Description
		This variable has been removed

QUALITYSCORE_ES 2		Study Quality Rating
N	Value	Description
1643	Range	1.00 - 3.00 ( median=1.50 mean=1.53 std=0.29 )

PERICARDIALEFFUS ION_ES2		Pericardial Effusion
N	Value	Description
1643	Range	1.00 - 4.00 ( median=1.00 mean=1.07 std=0.30 )

LVREGWALLMOTAB N_ES2__1		LV Regional Wall Motion Abnormality (choice=None)
N	Value	Description
1643	Range	0.00 - 1.00 ( median=1.00 mean=0.94 std=0.24 )

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LVREGWALLMOTAB N_ES2__2		LV Regional Wall Motion Abnormality (choice=Anterior)
N	Value	Description
1643	Range	0.00 - 1.00 ( median=0.00 mean=0.00 std=0.06 )

LVREGWALLMOTAB N_ES2__3		LV Regional Wall Motion Abnormality (choice=Inferior)
N	Value	Description
1643	Range	0.00 - 1.00 ( median=0.00 mean=0.01 std=0.09 )

LVREGWALLMOTAB N_ES2__4		LV Regional Wall Motion Abnormality (choice=Lateral)
N	Value	Description
1643	Range	0.00 - 1.00 ( median=0.00 mean=0.00 std=0.06 )

LVREGWALLMOTAB N_ES2__5		LV Regional Wall Motion Abnormality (choice=Posterior)
N	Value	Description
1643	Range	0.00 - 1.00 ( median=0.00 mean=0.01 std=0.07 )

LVREGWALLMOTAB N_ES2__6		LV Regional Wall Motion Abnormality (choice=Septal)
N	Value	Description
1643	Range	0.00 - 1.00 ( median=0.00 mean=0.00 std=0.07 )

LVREGWALLMOTAB N_ES2__7		LV Regional Wall Motion Abnormality (choice=Apical)
N	Value	Description
1643	Range	0.00 - 1.00 ( median=0.00 mean=0.01 std=0.07 )

LVREGWALLMOTAB N_ES2__8		LV Regional Wall Motion Abnormality (choice=Global Hypokinesis)
N	Value	Description
1643	Range	0.00 - 1.00 ( median=0.00 mean=0.01 std=0.11 )

LV_WMA2_ES2		LV WMA
N	Value	Description
1643		Missing

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<i>MITRALREG_ES2</i>		<i>Mitral Regurgitation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1643	Range	1.00 - 5.00 ( median=2.00 mean=2.08 std=0.52 )

<i>AORTICREG_ES2</i>		<i>Aortic Regurgitation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1643	Range	1.00 - 4.00 ( median=1.00 mean=1.21 std=0.56 )

<i>TRICUSPIDREG_ES2</i>		<i>Tricuspid Regurgitation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1642	Range	1.00 - 5.00 ( median=2.00 mean=2.21 std=0.54 )
1		Missing

<i>PULMONICREG_ES2</i>		<i>Pulmonic Regurgitation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1643	Range	1.00 - 4.00 ( median=2.00 mean=1.64 std=0.56 )

<i>MITRALANNCALC_ES2</i>		<i>Mitral Annular Calcification</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1642	Range	1.00 - 5.00 ( median=1.00 mean=1.22 std=0.65 )
1		Missing

<i>MITRALVALVEPROP LAPSE_ES2</i>		<i>Mitral Valve Proplase</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1642	Range	1.00 - 3.00 ( median=1.00 mean=1.02 std=0.19 )
1		Missing

<i>AVCALC_ES2</i>		<i>AV Calcification</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1642	Range	1.00 - 3.00 ( median=1.00 mean=1.18 std=0.40 )
1		Missing

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<i>BICUSPIDAV_ES2</i>		<i>Bicuspid Aortic Valve</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1643	Range	0.00 - 1.50 ( median=0.00 mean=0.02 std=0.17 )

<i>INTERATRIALSEP_E S2</i>		<i>Interatrial Septum</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1640	Range	1.00 - 3.00 ( median=3.00 mean=2.93 std=0.30 )
3		Missing

<i>RVE</i>		<i>Right Ventricle Enlargement</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1639	Range	1.00 - 4.00 ( median=1.00 mean=1.01 std=0.12 )
4		Missing

<i>CLINICAL_ALERT_E S2</i>		<i>Clinical Alert</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1643	Range	1.00 - 3.00 ( median=1.00 mean=1.04 std=0.24 )

<i>TYPE_OF_ALERT_E S2</i>		<i>Type of Alert</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
46	Range	2.00 - 2.00 ( median=2.00 mean=2.00 std=0.00 )
1597		Missing

<i>CRITICAL_TYPE_ES 2</i>		<i>Critical Type</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1643		Missing

<i>NON_CRITICAL_TYP E_ES2</i>		<i>Non-Critical Type</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
46	Range	1.00 - 7.00 ( median=7.00 mean=5.00 std=2.44 )
1597		Missing

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<i>CLINICAL_ALERT_A GREE_ES2</i>		<i>Did CERC agree with degree of clinical alert?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
42	Range	1.00 - 1.00 ( median=1.00 mean=1.00 std=0.00 )
1601		Missing

<i>ALERT_REPORT_SE NT_DATE_ES2</i>		<i>Alert Report Sent Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1643		Missing

<i>ROUTINE_REPORT_ SENT</i>		<i>routine_report_sent</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1643	Range	0.00 - 1.00 ( median=1.00 mean=0.97 std=0.17 )

<i>NORMAL_ABNORMA L</i>		<i>normal_abnormal</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1597	Range	1.00 - 2.00 ( median=1.00 mean=1.36 std=0.48 )
46		Missing