

## Data Dictionary Codebook

04/19/2023 10:18am

#	Variable / Field Name	Field Label <i>Field Note</i>	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)																
Instrument: <b>Basic Demography Form</b> (demographics)																			
1	[record_id]	Study ID	text																
2	[mrn]	MRN	text, Identifier																
3	[site]	Site Location	checkbox <table><tr><td>1</td><td>site__1</td><td>UCSF-Parnassus</td></tr><tr><td>2</td><td>site__2</td><td>UCSF-SFGH</td></tr><tr><td>3</td><td>site__3</td><td>UCSF-Mission Bay</td></tr><tr><td>4</td><td>site__4</td><td>Brigham and Women's Hospital</td></tr></table> Field Annotation: site	1	site__1	UCSF-Parnassus	2	site__2	UCSF-SFGH	3	site__3	UCSF-Mission Bay	4	site__4	Brigham and Women's Hospital				
1	site__1	UCSF-Parnassus																	
2	site__2	UCSF-SFGH																	
3	site__3	UCSF-Mission Bay																	
4	site__4	Brigham and Women's Hospital																	
4	[zip]	ZIP	text (number), Identifier																
5	[age]	Age (years)	text (number)																
6	[ethnicity]	Ethnicity	radio <table><tr><td>0</td><td>Hispanic or Latino</td></tr><tr><td>1</td><td>NOT Hispanic or Latino</td></tr><tr><td>2</td><td>Unknown / Not Reported</td></tr></table> Custom alignment: LH	0	Hispanic or Latino	1	NOT Hispanic or Latino	2	Unknown / Not Reported										
0	Hispanic or Latino																		
1	NOT Hispanic or Latino																		
2	Unknown / Not Reported																		
7	[race]	Race	dropdown <table><tr><td>0</td><td>American Indian/Alaska Native</td></tr><tr><td>1</td><td>Asian</td></tr><tr><td>2</td><td>Native Hawaiian or Other Pacific Islander</td></tr><tr><td>3</td><td>Black or African American</td></tr><tr><td>4</td><td>White</td></tr><tr><td>5</td><td>More Than One Race</td></tr><tr><td>6</td><td>Unknown / Not Reported</td></tr></table>	0	American Indian/Alaska Native	1	Asian	2	Native Hawaiian or Other Pacific Islander	3	Black or African American	4	White	5	More Than One Race	6	Unknown / Not Reported		
0	American Indian/Alaska Native																		
1	Asian																		
2	Native Hawaiian or Other Pacific Islander																		
3	Black or African American																		
4	White																		
5	More Than One Race																		
6	Unknown / Not Reported																		
8	[sex]	Gender	radio <table><tr><td>0</td><td>Female</td></tr><tr><td>1</td><td>Male</td></tr></table>	0	Female	1	Male												
0	Female																		
1	Male																		
9	[height]	Height (cm)	text (number, Min: 130, Max: 215)																
10	[weight]	Weight (kilograms)	text (integer, Min: 35, Max: 200)																
11	[bmi]	BMI	calc Calculation: round(((weight]*10000)/((height])^(2)),1)																
12	[religion]	Religion	dropdown <table><tr><td>1</td><td>Christian</td></tr><tr><td>2</td><td>Jewish</td></tr><tr><td>3</td><td>Buddhist</td></tr><tr><td>4</td><td>Hindi</td></tr><tr><td>5</td><td>Muslim</td></tr><tr><td>6</td><td>Athiest</td></tr><tr><td>7</td><td>Agnostic</td></tr><tr><td>8</td><td>None</td></tr></table>	1	Christian	2	Jewish	3	Buddhist	4	Hindi	5	Muslim	6	Athiest	7	Agnostic	8	None
1	Christian																		
2	Jewish																		
3	Buddhist																		
4	Hindi																		
5	Muslim																		
6	Athiest																		
7	Agnostic																		
8	None																		

13	[demographics_complete]	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>		0	Incomplete	1	Unverified	2	Complete																																																																																							
0	Incomplete																																																																																																
1	Unverified																																																																																																
2	Complete																																																																																																
<b>Instrument: Income</b> (income)																																																																																																	
14	[what_is_the_patients_income]	What is the patients income level?	text																																																																																														
15	[what_is_the_patients_education]	What is the patients education level?	text																																																																																														
16	[income_complete]	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>		0	Incomplete	1	Unverified	2	Complete																																																																																							
0	Incomplete																																																																																																
1	Unverified																																																																																																
2	Complete																																																																																																
<b>Instrument: History</b> (history)																																																																																																	
17	[card_history]	History (Cardiac)	checkbox <table border="1"> <tr><td>1</td><td>card_history__1</td><td>MI</td></tr> <tr><td>2</td><td>card_history__2</td><td>CVI</td></tr> <tr><td>3</td><td>card_history__3</td><td>Ischemic Stroke</td></tr> <tr><td>4</td><td>card_history__4</td><td>CAD</td></tr> <tr><td>5</td><td>card_history__5</td><td>Prior Heart Failure</td></tr> <tr><td>6</td><td>card_history__6</td><td>PH</td></tr> <tr><td>7</td><td>card_history__7</td><td>Past Cardiac Surgery</td></tr> <tr><td>8</td><td>card_history__8</td><td>Heart Tx</td></tr> <tr><td>9</td><td>card_history__9</td><td>Hyperlipidemia</td></tr> <tr><td>10</td><td>card_history__10</td><td>Hypercholesterolemia</td></tr> <tr><td>11</td><td>card_history__11</td><td>Hypertension</td></tr> <tr><td>12</td><td>card_history__12</td><td>DM1</td></tr> <tr><td>13</td><td>card_history__13</td><td>DM2</td></tr> <tr><td>14</td><td>card_history__14</td><td>Positive Tox Screen</td></tr> <tr><td>15</td><td>card_history__15</td><td>Arrhythmia</td></tr> <tr><td>16</td><td>card_history__16</td><td>Smoking</td></tr> <tr><td>17</td><td>card_history__17</td><td>EtOH</td></tr> <tr><td>18</td><td>card_history__18</td><td>PAD-Systemic</td></tr> <tr><td>19</td><td>card_history__19</td><td>DVT</td></tr> <tr><td>20</td><td>card_history__20</td><td>Endocarditis</td></tr> <tr><td>21</td><td>card_history__21</td><td>VHD</td></tr> <tr><td>22</td><td>card_history__22</td><td>Hypertension</td></tr> <tr><td>23</td><td>card_history__23</td><td>AA</td></tr> <tr><td>24</td><td>card_history__24</td><td>CHD</td></tr> <tr><td>25</td><td>card_history__25</td><td>Atherosclerotic Disease</td></tr> <tr><td>26</td><td>card_history__26</td><td>Unstable Angina</td></tr> <tr><td>27</td><td>card_history__27</td><td>Stroke</td></tr> <tr><td>28</td><td>card_history__28</td><td>Cerebrovascular disease other than stroke</td></tr> <tr><td>29</td><td>card_history__29</td><td>PE</td></tr> <tr><td>30</td><td>card_history__30</td><td>Hyperthyroidism</td></tr> <tr><td>31</td><td>card_history__31</td><td>Hypothyroidism</td></tr> </table>		1	card_history__1	MI	2	card_history__2	CVI	3	card_history__3	Ischemic Stroke	4	card_history__4	CAD	5	card_history__5	Prior Heart Failure	6	card_history__6	PH	7	card_history__7	Past Cardiac Surgery	8	card_history__8	Heart Tx	9	card_history__9	Hyperlipidemia	10	card_history__10	Hypercholesterolemia	11	card_history__11	Hypertension	12	card_history__12	DM1	13	card_history__13	DM2	14	card_history__14	Positive Tox Screen	15	card_history__15	Arrhythmia	16	card_history__16	Smoking	17	card_history__17	EtOH	18	card_history__18	PAD-Systemic	19	card_history__19	DVT	20	card_history__20	Endocarditis	21	card_history__21	VHD	22	card_history__22	Hypertension	23	card_history__23	AA	24	card_history__24	CHD	25	card_history__25	Atherosclerotic Disease	26	card_history__26	Unstable Angina	27	card_history__27	Stroke	28	card_history__28	Cerebrovascular disease other than stroke	29	card_history__29	PE	30	card_history__30	Hyperthyroidism	31	card_history__31	Hypothyroidism
1	card_history__1	MI																																																																																															
2	card_history__2	CVI																																																																																															
3	card_history__3	Ischemic Stroke																																																																																															
4	card_history__4	CAD																																																																																															
5	card_history__5	Prior Heart Failure																																																																																															
6	card_history__6	PH																																																																																															
7	card_history__7	Past Cardiac Surgery																																																																																															
8	card_history__8	Heart Tx																																																																																															
9	card_history__9	Hyperlipidemia																																																																																															
10	card_history__10	Hypercholesterolemia																																																																																															
11	card_history__11	Hypertension																																																																																															
12	card_history__12	DM1																																																																																															
13	card_history__13	DM2																																																																																															
14	card_history__14	Positive Tox Screen																																																																																															
15	card_history__15	Arrhythmia																																																																																															
16	card_history__16	Smoking																																																																																															
17	card_history__17	EtOH																																																																																															
18	card_history__18	PAD-Systemic																																																																																															
19	card_history__19	DVT																																																																																															
20	card_history__20	Endocarditis																																																																																															
21	card_history__21	VHD																																																																																															
22	card_history__22	Hypertension																																																																																															
23	card_history__23	AA																																																																																															
24	card_history__24	CHD																																																																																															
25	card_history__25	Atherosclerotic Disease																																																																																															
26	card_history__26	Unstable Angina																																																																																															
27	card_history__27	Stroke																																																																																															
28	card_history__28	Cerebrovascular disease other than stroke																																																																																															
29	card_history__29	PE																																																																																															
30	card_history__30	Hyperthyroidism																																																																																															
31	card_history__31	Hypothyroidism																																																																																															
18	[other_hist_card]	Other History <i>write abbreviation</i>	text																																																																																														

19	[psych_hist]	Psych History	checkbox <table border="1"> <tr><td>1</td><td>psych_hist__1</td><td>Depression</td></tr> <tr><td>2</td><td>psych_hist__2</td><td>Past Major Psychiatric Disorder</td></tr> <tr><td>3</td><td>psych_hist__3</td><td>Chronic disorder</td></tr> <tr><td>4</td><td>psych_hist__4</td><td>Dementia</td></tr> <tr><td>5</td><td>psych_hist__5</td><td>Trauma in Past Year</td></tr> <tr><td>6</td><td>psych_hist__6</td><td>Anxiety</td></tr> </table>	1	psych_hist__1	Depression	2	psych_hist__2	Past Major Psychiatric Disorder	3	psych_hist__3	Chronic disorder	4	psych_hist__4	Dementia	5	psych_hist__5	Trauma in Past Year	6	psych_hist__6	Anxiety																								
1	psych_hist__1	Depression																																											
2	psych_hist__2	Past Major Psychiatric Disorder																																											
3	psych_hist__3	Chronic disorder																																											
4	psych_hist__4	Dementia																																											
5	psych_hist__5	Trauma in Past Year																																											
6	psych_hist__6	Anxiety																																											
20	[other_hist]	Other History	checkbox <table border="1"> <tr><td>1</td><td>other_hist__1</td><td>Functional Disability</td></tr> <tr><td>2</td><td>other_hist__2</td><td>Renal Failure</td></tr> <tr><td>3</td><td>other_hist__3</td><td>Respiratory Failure</td></tr> <tr><td>4</td><td>other_hist__4</td><td>COPD</td></tr> <tr><td>5</td><td>other_hist__5</td><td>Pneumonia</td></tr> </table>	1	other_hist__1	Functional Disability	2	other_hist__2	Renal Failure	3	other_hist__3	Respiratory Failure	4	other_hist__4	COPD	5	other_hist__5	Pneumonia																											
1	other_hist__1	Functional Disability																																											
2	other_hist__2	Renal Failure																																											
3	other_hist__3	Respiratory Failure																																											
4	other_hist__4	COPD																																											
5	other_hist__5	Pneumonia																																											
21	[med_hist]	Cardiac Meds At Time of Hospitalization	checkbox <table border="1"> <tr><td>1</td><td>med_hist__1</td><td>Beta-Blockers</td></tr> <tr><td>3</td><td>med_hist__3</td><td>ARBs</td></tr> <tr><td>4</td><td>med_hist__4</td><td>ACEi</td></tr> <tr><td>5</td><td>med_hist__5</td><td>digitoxin</td></tr> <tr><td>6</td><td>med_hist__6</td><td>Ca Channel Blockers</td></tr> <tr><td>7</td><td>med_hist__7</td><td>Inotropes</td></tr> <tr><td>8</td><td>med_hist__8</td><td>PDE5i</td></tr> <tr><td>10</td><td>med_hist__10</td><td>Anti-Arrhythmic</td></tr> <tr><td>11</td><td>med_hist__11</td><td>Statins</td></tr> <tr><td>12</td><td>med_hist__12</td><td>Anticoagulants</td></tr> <tr><td>13</td><td>med_hist__13</td><td>Diuretics</td></tr> <tr><td>14</td><td>med_hist__14</td><td>Vasodilators</td></tr> <tr><td>15</td><td>med_hist__15</td><td>Antiplatelet</td></tr> <tr><td>16</td><td>med_hist__16</td><td>Alpha-Blockers</td></tr> </table>	1	med_hist__1	Beta-Blockers	3	med_hist__3	ARBs	4	med_hist__4	ACEi	5	med_hist__5	digitoxin	6	med_hist__6	Ca Channel Blockers	7	med_hist__7	Inotropes	8	med_hist__8	PDE5i	10	med_hist__10	Anti-Arrhythmic	11	med_hist__11	Statins	12	med_hist__12	Anticoagulants	13	med_hist__13	Diuretics	14	med_hist__14	Vasodilators	15	med_hist__15	Antiplatelet	16	med_hist__16	Alpha-Blockers
1	med_hist__1	Beta-Blockers																																											
3	med_hist__3	ARBs																																											
4	med_hist__4	ACEi																																											
5	med_hist__5	digitoxin																																											
6	med_hist__6	Ca Channel Blockers																																											
7	med_hist__7	Inotropes																																											
8	med_hist__8	PDE5i																																											
10	med_hist__10	Anti-Arrhythmic																																											
11	med_hist__11	Statins																																											
12	med_hist__12	Anticoagulants																																											
13	med_hist__13	Diuretics																																											
14	med_hist__14	Vasodilators																																											
15	med_hist__15	Antiplatelet																																											
16	med_hist__16	Alpha-Blockers																																											
22	[other_meds]	Other Relevant Meds	text																																										
23	[history_complete]	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete																																				
0	Incomplete																																												
1	Unverified																																												
2	Complete																																												
<b>Instrument: Hospitalization Information (hospitalization_information)</b>																																													
24	[date_hosp]	Date of Hospitalization	text (date_dmy)																																										
25	[pres_symp]	Presenting Symptoms	checkbox <table border="1"> <tr><td>1</td><td>pres_symp__1</td><td>Chest Pain</td></tr> <tr><td>2</td><td>pres_symp__2</td><td>Dyspnea</td></tr> <tr><td>3</td><td>pres_symp__3</td><td>Syncope</td></tr> <tr><td>4</td><td>pres_symp__4</td><td>Palpitations</td></tr> </table>	1	pres_symp__1	Chest Pain	2	pres_symp__2	Dyspnea	3	pres_symp__3	Syncope	4	pres_symp__4	Palpitations																														
1	pres_symp__1	Chest Pain																																											
2	pres_symp__2	Dyspnea																																											
3	pres_symp__3	Syncope																																											
4	pres_symp__4	Palpitations																																											
26	[other_psym]	Other Relevant Presenting Symptom	text																																										
27	[sys_bp]	Systolic Blood Pressure	text (number, Min: 0, Max: 300)																																										
28	[dia_bp]	Diastolic Blood Pressure	text (number, Min: 0, Max: 300)																																										
29	[hr]	Heart Rate	text																																										
30	[t4]	Free T4	text																																										
31	[tsh]	TSH	text																																										
32	[mean_trop]	Mean Troponin	text																																										
33	[ck]	Creatine Kinase	text																																										

34	[ <b>egfr</b> ]	eGFR	text																																	
35	[ <b>bnp</b> ]	BNP	text																																	
36	[ <b>hem</b> ]	Hemoglobin	text (number)																																	
37	[ <b>esr</b> ]	ESR	text																																	
38	[ <b>crp</b> ]	CRP	text																																	
39	[ <b>thrombosis</b> ]	Thrombosis?	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No																													
1	Yes																																			
0	No																																			
40	[ <b>inotropes</b> ]	Inotropes	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No																													
1	Yes																																			
0	No																																			
41	[ <b>asthma</b> ]	Asthma	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No																													
1	Yes																																			
0	No																																			
42	[ <b>sepsis</b> ]	Infection/Sepsis	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No																													
1	Yes																																			
0	No																																			
43	[ <b>trigger</b> ]	Trigger?	checkbox <table border="1"> <tr> <td>1</td> <td>trigger__1</td> <td>Chronic Physical</td> </tr> <tr> <td>2</td> <td>trigger__2</td> <td>Physical</td> </tr> <tr> <td>3</td> <td>trigger__3</td> <td>Emotional</td> </tr> <tr> <td>4</td> <td>trigger__4</td> <td>Chronic Emotional</td> </tr> <tr> <td>6</td> <td>trigger__6</td> <td>Both Physical and Emotional</td> </tr> <tr> <td>7</td> <td>trigger__7</td> <td>Both Chronic</td> </tr> <tr> <td>5</td> <td>trigger__5</td> <td>None</td> </tr> </table>	1	trigger__1	Chronic Physical	2	trigger__2	Physical	3	trigger__3	Emotional	4	trigger__4	Chronic Emotional	6	trigger__6	Both Physical and Emotional	7	trigger__7	Both Chronic	5	trigger__5	None												
1	trigger__1	Chronic Physical																																		
2	trigger__2	Physical																																		
3	trigger__3	Emotional																																		
4	trigger__4	Chronic Emotional																																		
6	trigger__6	Both Physical and Emotional																																		
7	trigger__7	Both Chronic																																		
5	trigger__5	None																																		
44	[ <b>cardiogenic_shock</b> ]	Cardiogenic Shock	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No																													
1	Yes																																			
0	No																																			
45	[ <b>spec_trigger</b> ]	More Specific Trigger	checkbox <table border="1"> <tr> <td>1</td> <td>spec_trigger__1</td> <td>Financial</td> </tr> <tr> <td>11</td> <td>spec_trigger__11</td> <td>Toxin</td> </tr> <tr> <td>2</td> <td>spec_trigger__2</td> <td>Intimate Partner</td> </tr> <tr> <td>3</td> <td>spec_trigger__3</td> <td>Work</td> </tr> <tr> <td>4</td> <td>spec_trigger__4</td> <td>Work-Family Spillover</td> </tr> <tr> <td>5</td> <td>spec_trigger__5</td> <td>Family</td> </tr> <tr> <td>6</td> <td>spec_trigger__6</td> <td>Discrimination</td> </tr> <tr> <td>7</td> <td>spec_trigger__7</td> <td>Neighborhood</td> </tr> <tr> <td>8</td> <td>spec_trigger__8</td> <td>Natural Disaster</td> </tr> <tr> <td>9</td> <td>spec_trigger__9</td> <td>Death in Family</td> </tr> <tr> <td>10</td> <td>spec_trigger__10</td> <td>None</td> </tr> </table>	1	spec_trigger__1	Financial	11	spec_trigger__11	Toxin	2	spec_trigger__2	Intimate Partner	3	spec_trigger__3	Work	4	spec_trigger__4	Work-Family Spillover	5	spec_trigger__5	Family	6	spec_trigger__6	Discrimination	7	spec_trigger__7	Neighborhood	8	spec_trigger__8	Natural Disaster	9	spec_trigger__9	Death in Family	10	spec_trigger__10	None
1	spec_trigger__1	Financial																																		
11	spec_trigger__11	Toxin																																		
2	spec_trigger__2	Intimate Partner																																		
3	spec_trigger__3	Work																																		
4	spec_trigger__4	Work-Family Spillover																																		
5	spec_trigger__5	Family																																		
6	spec_trigger__6	Discrimination																																		
7	spec_trigger__7	Neighborhood																																		
8	spec_trigger__8	Natural Disaster																																		
9	spec_trigger__9	Death in Family																																		
10	spec_trigger__10	None																																		
46	[ <b>if_utox_positive_what_toxin</b> ]	If UTox Positive, what toxin?	text																																	
47	[ <b>other_toxins</b> ]	Other toxins?	text																																	
48	[ <b>hospitalization_information_complete</b> ]	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr> <td>0</td> <td>Incomplete</td> </tr> <tr> <td>1</td> <td>Unverified</td> </tr> <tr> <td>2</td> <td>Complete</td> </tr> </table>	0	Incomplete	1	Unverified	2	Complete																											
0	Incomplete																																			
1	Unverified																																			
2	Complete																																			

Instrument: **ECHO At Time of Hospitalization** (echo\_at\_time\_of\_hospitalization)

49	[echo]	Performed?	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No																							
1	Yes																													
0	No																													
50	[echo_date]	Date of Echo	text (date_mdy)																											
51	[dys_echo]	Type of Dysfunction?	checkbox <table border="1"> <tr> <td>1</td> <td>dys_echo__1</td> <td>LV Systolic</td> </tr> <tr> <td>2</td> <td>dys_echo__2</td> <td>LV Diastolic</td> </tr> </table>	1	dys_echo__1	LV Systolic	2	dys_echo__2	LV Diastolic																					
1	dys_echo__1	LV Systolic																												
2	dys_echo__2	LV Diastolic																												
52	[lvef]	LVEF	text																											
53	[tapse]	TAPSE	text																											
54	[mitral_regurg]	Significant Mitral Regurgitation?	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No																							
1	Yes																													
0	No																													
55	[akinesis_echo]	Akinesis of Ventricle	checkbox <table border="1"> <tr> <td>1</td> <td>akinesis_echo__1</td> <td>Apical</td> </tr> <tr> <td>2</td> <td>akinesis_echo__2</td> <td>Mid</td> </tr> <tr> <td>3</td> <td>akinesis_echo__3</td> <td>Basal</td> </tr> <tr> <td>4</td> <td>akinesis_echo__4</td> <td>Focal</td> </tr> <tr> <td>5</td> <td>akinesis_echo__5</td> <td>Global</td> </tr> <tr> <td>6</td> <td>akinesis_echo__6</td> <td>None</td> </tr> </table>	1	akinesis_echo__1	Apical	2	akinesis_echo__2	Mid	3	akinesis_echo__3	Basal	4	akinesis_echo__4	Focal	5	akinesis_echo__5	Global	6	akinesis_echo__6	None									
1	akinesis_echo__1	Apical																												
2	akinesis_echo__2	Mid																												
3	akinesis_echo__3	Basal																												
4	akinesis_echo__4	Focal																												
5	akinesis_echo__5	Global																												
6	akinesis_echo__6	None																												
56	[echo_at_time_of_hospitalization_complete]	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr> <td>0</td> <td>Incomplete</td> </tr> <tr> <td>1</td> <td>Unverified</td> </tr> <tr> <td>2</td> <td>Complete</td> </tr> </table>	0	Incomplete	1	Unverified	2	Complete																					
0	Incomplete																													
1	Unverified																													
2	Complete																													
<b>Instrument: Cath/Angio Report At Time of Hospitalization (ct_report_at_time_of_hospitalization)</b>																														
57	[ct_confirmation]	Performed?	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No																							
1	Yes																													
0	No																													
58	[reason_no_cath]	If No Cath, Why?	checkbox <table border="1"> <tr> <td>1</td> <td>reason_no_cath__1</td> <td>Septic</td> </tr> <tr> <td>2</td> <td>reason_no_cath__2</td> <td>Acute Stroke</td> </tr> <tr> <td>3</td> <td>reason_no_cath__3</td> <td>Ventricular Arrhythmia</td> </tr> <tr> <td>4</td> <td>reason_no_cath__4</td> <td>Unstable Hemodynamics</td> </tr> <tr> <td>5</td> <td>reason_no_cath__5</td> <td>Acute Renal Failure</td> </tr> <tr> <td>6</td> <td>reason_no_cath__6</td> <td>Fever</td> </tr> <tr> <td>7</td> <td>reason_no_cath__7</td> <td>Pregnancy</td> </tr> <tr> <td>8</td> <td>reason_no_cath__8</td> <td>Electrolyte Abnormalities</td> </tr> <tr> <td>9</td> <td>reason_no_cath__9</td> <td>Bleeding Disorder/Anticoagulated State</td> </tr> </table>	1	reason_no_cath__1	Septic	2	reason_no_cath__2	Acute Stroke	3	reason_no_cath__3	Ventricular Arrhythmia	4	reason_no_cath__4	Unstable Hemodynamics	5	reason_no_cath__5	Acute Renal Failure	6	reason_no_cath__6	Fever	7	reason_no_cath__7	Pregnancy	8	reason_no_cath__8	Electrolyte Abnormalities	9	reason_no_cath__9	Bleeding Disorder/Anticoagulated State
1	reason_no_cath__1	Septic																												
2	reason_no_cath__2	Acute Stroke																												
3	reason_no_cath__3	Ventricular Arrhythmia																												
4	reason_no_cath__4	Unstable Hemodynamics																												
5	reason_no_cath__5	Acute Renal Failure																												
6	reason_no_cath__6	Fever																												
7	reason_no_cath__7	Pregnancy																												
8	reason_no_cath__8	Electrolyte Abnormalities																												
9	reason_no_cath__9	Bleeding Disorder/Anticoagulated State																												
59	[angio_performed]	Angio?	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No																							
1	Yes																													
0	No																													
60	[date_cath]	Date of Cath	text (date_dmy)																											
61	[coron_spasm]	CT Diagnosis	checkbox <table border="1"> <tr> <td>1</td> <td>coron_spasm__1</td> <td>CAD</td> </tr> <tr> <td>2</td> <td>coron_spasm__2</td> <td>Coronary Artery Stenosis</td> </tr> <tr> <td>4</td> <td>coron_spasm__4</td> <td>Other</td> </tr> <tr> <td>3</td> <td>coron_spasm__3</td> <td>None</td> </tr> </table>	1	coron_spasm__1	CAD	2	coron_spasm__2	Coronary Artery Stenosis	4	coron_spasm__4	Other	3	coron_spasm__3	None															
1	coron_spasm__1	CAD																												
2	coron_spasm__2	Coronary Artery Stenosis																												
4	coron_spasm__4	Other																												
3	coron_spasm__3	None																												

62	[cath_report]	Cath Report	checkbox <table border="1"> <tr> <td>1</td> <td>cath_report__1</td> <td>Clean</td> </tr> <tr> <td>2</td> <td>cath_report__2</td> <td>CAD</td> </tr> </table>	1	cath_report__1	Clean	2	cath_report__2	CAD												
1	cath_report__1	Clean																			
2	cath_report__2	CAD																			
63	[akinesis]	Ventricular Wall Motion Abnormalities?	checkbox <table border="1"> <tr> <td>1</td> <td>akinesis__1</td> <td>Apical</td> </tr> <tr> <td>2</td> <td>akinesis__2</td> <td>Mid</td> </tr> <tr> <td>3</td> <td>akinesis__3</td> <td>Basal</td> </tr> <tr> <td>4</td> <td>akinesis__4</td> <td>Focal</td> </tr> <tr> <td>5</td> <td>akinesis__5</td> <td>None</td> </tr> </table>	1	akinesis__1	Apical	2	akinesis__2	Mid	3	akinesis__3	Basal	4	akinesis__4	Focal	5	akinesis__5	None			
1	akinesis__1	Apical																			
2	akinesis__2	Mid																			
3	akinesis__3	Basal																			
4	akinesis__4	Focal																			
5	akinesis__5	None																			
64	[ct_cad]	CAD Diagnosed?	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No														
1	Yes																				
0	No																				
65	[other_ct]	Other Diagnosis	text																		
66	[ct_report_at_time_of_hospitalization_complete]	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr> <td>0</td> <td>Incomplete</td> </tr> <tr> <td>1</td> <td>Unverified</td> </tr> <tr> <td>2</td> <td>Complete</td> </tr> </table>	0	Incomplete	1	Unverified	2	Complete												
0	Incomplete																				
1	Unverified																				
2	Complete																				
<b>Instrument: ECG Report At Time of Hospitalization (ecg_report_at_time_of_hospitalization)</b>																					
67	[ecg]	Date	text																		
68	[ecg_abnorm]	Abnormalities	checkbox <table border="1"> <tr> <td>1</td> <td>ecg_abnorm__1</td> <td>Arrhythmia</td> </tr> <tr> <td>2</td> <td>ecg_abnorm__2</td> <td>ST elevation</td> </tr> <tr> <td>3</td> <td>ecg_abnorm__3</td> <td>ST Depression</td> </tr> <tr> <td>4</td> <td>ecg_abnorm__4</td> <td>Abnormal Q-Wave</td> </tr> <tr> <td>5</td> <td>ecg_abnorm__5</td> <td>Other</td> </tr> <tr> <td>6</td> <td>ecg_abnorm__6</td> <td>No Abnormalities</td> </tr> </table>	1	ecg_abnorm__1	Arrhythmia	2	ecg_abnorm__2	ST elevation	3	ecg_abnorm__3	ST Depression	4	ecg_abnorm__4	Abnormal Q-Wave	5	ecg_abnorm__5	Other	6	ecg_abnorm__6	No Abnormalities
1	ecg_abnorm__1	Arrhythmia																			
2	ecg_abnorm__2	ST elevation																			
3	ecg_abnorm__3	ST Depression																			
4	ecg_abnorm__4	Abnormal Q-Wave																			
5	ecg_abnorm__5	Other																			
6	ecg_abnorm__6	No Abnormalities																			
69	[other_ecg]	If Other	text																		
70	[ecg_report_at_time_of_hospitalization_complete]	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr> <td>0</td> <td>Incomplete</td> </tr> <tr> <td>1</td> <td>Unverified</td> </tr> <tr> <td>2</td> <td>Complete</td> </tr> </table>	0	Incomplete	1	Unverified	2	Complete												
0	Incomplete																				
1	Unverified																				
2	Complete																				
<b>Instrument: CXR At Time of Hospitalization (cxr_at_time_of_hospitalization)</b>																					
71	[cxr]	Performed?	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No														
1	Yes																				
0	No																				
72	[date_cxr]	Date?	text (date_mdy)																		
73	[diag_cxr]	Diagnosis?	checkbox <table border="1"> <tr> <td>1</td> <td>diag_cxr__1</td> <td>Infiltrated</td> </tr> <tr> <td>2</td> <td>diag_cxr__2</td> <td>atelectasis</td> </tr> <tr> <td>3</td> <td>diag_cxr__3</td> <td>congestion</td> </tr> <tr> <td>4</td> <td>diag_cxr__4</td> <td>no abnormalities</td> </tr> <tr> <td>5</td> <td>diag_cxr__5</td> <td>other</td> </tr> </table>	1	diag_cxr__1	Infiltrated	2	diag_cxr__2	atelectasis	3	diag_cxr__3	congestion	4	diag_cxr__4	no abnormalities	5	diag_cxr__5	other			
1	diag_cxr__1	Infiltrated																			
2	diag_cxr__2	atelectasis																			
3	diag_cxr__3	congestion																			
4	diag_cxr__4	no abnormalities																			
5	diag_cxr__5	other																			
74	[cxr_at_time_of_hospitalization_complete]	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr> <td>0</td> <td>Incomplete</td> </tr> <tr> <td>1</td> <td>Unverified</td> </tr> <tr> <td>2</td> <td>Complete</td> </tr> </table>	0	Incomplete	1	Unverified	2	Complete												
0	Incomplete																				
1	Unverified																				
2	Complete																				
<b>Instrument: In-Hospital Outcomes (inhospital_outcomes)</b>																					

75	[ <b>treatment</b> ]	Treatment Course	checkbox <table border="1"> <tr><td>1</td><td>treatment__1</td><td>Beta-Blockers</td></tr> <tr><td>3</td><td>treatment__3</td><td>ARBs</td></tr> <tr><td>4</td><td>treatment__4</td><td>ACEi</td></tr> <tr><td>5</td><td>treatment__5</td><td>digitoxin</td></tr> <tr><td>6</td><td>treatment__6</td><td>Ca Channel Blockers</td></tr> <tr><td>7</td><td>treatment__7</td><td>Inotropes</td></tr> <tr><td>8</td><td>treatment__8</td><td>PDE5i</td></tr> <tr><td>10</td><td>treatment__10</td><td>Anti-Arrhythmic</td></tr> <tr><td>11</td><td>treatment__11</td><td>Statins</td></tr> <tr><td>12</td><td>treatment__12</td><td>Anticoagulants</td></tr> <tr><td>13</td><td>treatment__13</td><td>Diuretics</td></tr> <tr><td>14</td><td>treatment__14</td><td>Vasodilators</td></tr> <tr><td>15</td><td>treatment__15</td><td>Antiplatelet</td></tr> <tr><td>16</td><td>treatment__16</td><td>Ventilation</td></tr> <tr><td>17</td><td>treatment__17</td><td>Intra-Aortic Balloon Pump</td></tr> <tr><td>18</td><td>treatment__18</td><td>Other</td></tr> </table>	1	treatment__1	Beta-Blockers	3	treatment__3	ARBs	4	treatment__4	ACEi	5	treatment__5	digitoxin	6	treatment__6	Ca Channel Blockers	7	treatment__7	Inotropes	8	treatment__8	PDE5i	10	treatment__10	Anti-Arrhythmic	11	treatment__11	Statins	12	treatment__12	Anticoagulants	13	treatment__13	Diuretics	14	treatment__14	Vasodilators	15	treatment__15	Antiplatelet	16	treatment__16	Ventilation	17	treatment__17	Intra-Aortic Balloon Pump	18	treatment__18	Other
1	treatment__1	Beta-Blockers																																																	
3	treatment__3	ARBs																																																	
4	treatment__4	ACEi																																																	
5	treatment__5	digitoxin																																																	
6	treatment__6	Ca Channel Blockers																																																	
7	treatment__7	Inotropes																																																	
8	treatment__8	PDE5i																																																	
10	treatment__10	Anti-Arrhythmic																																																	
11	treatment__11	Statins																																																	
12	treatment__12	Anticoagulants																																																	
13	treatment__13	Diuretics																																																	
14	treatment__14	Vasodilators																																																	
15	treatment__15	Antiplatelet																																																	
16	treatment__16	Ventilation																																																	
17	treatment__17	Intra-Aortic Balloon Pump																																																	
18	treatment__18	Other																																																	
76	[ <b>other_hosp_treat</b> ]	If Other	text																																																
77	[ <b>hosp_outcomes</b> ]	In Hospital Outcomes	checkbox <table border="1"> <tr><td>1</td><td>hosp_outcomes__1</td><td>resolved and discharged</td></tr> <tr><td>2</td><td>hosp_outcomes__2</td><td>cardiogenic shock</td></tr> <tr><td>3</td><td>hosp_outcomes__3</td><td>death</td></tr> <tr><td>4</td><td>hosp_outcomes__4</td><td>other</td></tr> </table>	1	hosp_outcomes__1	resolved and discharged	2	hosp_outcomes__2	cardiogenic shock	3	hosp_outcomes__3	death	4	hosp_outcomes__4	other																																				
1	hosp_outcomes__1	resolved and discharged																																																	
2	hosp_outcomes__2	cardiogenic shock																																																	
3	hosp_outcomes__3	death																																																	
4	hosp_outcomes__4	other																																																	
78	[ <b>inhospital_outcomes_complete</b> ]	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete																																										
0	Incomplete																																																		
1	Unverified																																																		
2	Complete																																																		
<b>Instrument: Outcomes (outcomes)</b>																																																			
79	[ <b>meds_after_hosp</b> ]	Treatment after Hospitalization	checkbox <table border="1"> <tr><td>1</td><td>meds_after_hosp__1</td><td>Beta-Blockers</td></tr> <tr><td>3</td><td>meds_after_hosp__3</td><td>ARBs</td></tr> <tr><td>4</td><td>meds_after_hosp__4</td><td>ACEi</td></tr> <tr><td>5</td><td>meds_after_hosp__5</td><td>digitoxin</td></tr> <tr><td>6</td><td>meds_after_hosp__6</td><td>Ca Channel Blockers</td></tr> <tr><td>7</td><td>meds_after_hosp__7</td><td>Inotropes</td></tr> <tr><td>8</td><td>meds_after_hosp__8</td><td>PDE5i</td></tr> <tr><td>10</td><td>meds_after_hosp__10</td><td>Anti-Arrhythmic</td></tr> <tr><td>11</td><td>meds_after_hosp__11</td><td>Statins</td></tr> <tr><td>12</td><td>meds_after_hosp__12</td><td>Anticoagulants</td></tr> <tr><td>13</td><td>meds_after_hosp__13</td><td>Diuretics</td></tr> <tr><td>14</td><td>meds_after_hosp__14</td><td>Vasodilators</td></tr> <tr><td>15</td><td>meds_after_hosp__15</td><td>Antiplatelet</td></tr> </table>	1	meds_after_hosp__1	Beta-Blockers	3	meds_after_hosp__3	ARBs	4	meds_after_hosp__4	ACEi	5	meds_after_hosp__5	digitoxin	6	meds_after_hosp__6	Ca Channel Blockers	7	meds_after_hosp__7	Inotropes	8	meds_after_hosp__8	PDE5i	10	meds_after_hosp__10	Anti-Arrhythmic	11	meds_after_hosp__11	Statins	12	meds_after_hosp__12	Anticoagulants	13	meds_after_hosp__13	Diuretics	14	meds_after_hosp__14	Vasodilators	15	meds_after_hosp__15	Antiplatelet									
1	meds_after_hosp__1	Beta-Blockers																																																	
3	meds_after_hosp__3	ARBs																																																	
4	meds_after_hosp__4	ACEi																																																	
5	meds_after_hosp__5	digitoxin																																																	
6	meds_after_hosp__6	Ca Channel Blockers																																																	
7	meds_after_hosp__7	Inotropes																																																	
8	meds_after_hosp__8	PDE5i																																																	
10	meds_after_hosp__10	Anti-Arrhythmic																																																	
11	meds_after_hosp__11	Statins																																																	
12	meds_after_hosp__12	Anticoagulants																																																	
13	meds_after_hosp__13	Diuretics																																																	
14	meds_after_hosp__14	Vasodilators																																																	
15	meds_after_hosp__15	Antiplatelet																																																	
80	[ <b>length_stay</b> ]	Length of Stay <i>days, round up</i>	text (number)																																																
81	[ <b>readm</b> ]	Number of Readmissions	text (number, Min: 0, Max: 20)																																																
82	[ <b>recur</b> ]	Recurrences	dropdown (autocomplete) <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No																																												
1	Yes																																																		
2	No																																																		

83	[recur_date]	If Recurrence, Date	text (date_dmy)																																																			
84	[days_untill_recur]	Days Until Recurrence	calc Calculation: datediff( [date_hosp], [recur], "d", "dmy")																																																			
85	[recur_30]	Recurrence Within 30 Days?	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No																																															
1	Yes																																																					
0	No																																																					
86	[readmit_30]	Readmission Within 30 Days? <i>all causes of readmission</i>	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No																																															
1	Yes																																																					
0	No																																																					
87	[cvd_outcomes]	CVD Outcomes	checkbox <table border="1"> <tr> <td>1</td> <td>cvd_outcomes__1</td> <td>MI</td> </tr> <tr> <td>2</td> <td>cvd_outcomes__2</td> <td>CVI</td> </tr> <tr> <td>3</td> <td>cvd_outcomes__3</td> <td>Cardiogenic Shock</td> </tr> <tr> <td>4</td> <td>cvd_outcomes__4</td> <td>CABG</td> </tr> <tr> <td>5</td> <td>cvd_outcomes__5</td> <td>Heart Tx</td> </tr> <tr> <td>6</td> <td>cvd_outcomes__6</td> <td>SCD</td> </tr> <tr> <td>7</td> <td>cvd_outcomes__7</td> <td>HTN</td> </tr> <tr> <td>8</td> <td>cvd_outcomes__8</td> <td>CAD</td> </tr> <tr> <td>9</td> <td>cvd_outcomes__9</td> <td>DM1</td> </tr> <tr> <td>10</td> <td>cvd_outcomes__10</td> <td>DM2</td> </tr> <tr> <td>11</td> <td>cvd_outcomes__11</td> <td>HF</td> </tr> <tr> <td>12</td> <td>cvd_outcomes__12</td> <td>PH</td> </tr> <tr> <td>13</td> <td>cvd_outcomes__13</td> <td>DVT</td> </tr> <tr> <td>14</td> <td>cvd_outcomes__14</td> <td>VHD</td> </tr> <tr> <td>15</td> <td>cvd_outcomes__15</td> <td>PAD</td> </tr> <tr> <td>16</td> <td>cvd_outcomes__16</td> <td>AA</td> </tr> <tr> <td>17</td> <td>cvd_outcomes__17</td> <td>Endocarditis</td> </tr> </table>	1	cvd_outcomes__1	MI	2	cvd_outcomes__2	CVI	3	cvd_outcomes__3	Cardiogenic Shock	4	cvd_outcomes__4	CABG	5	cvd_outcomes__5	Heart Tx	6	cvd_outcomes__6	SCD	7	cvd_outcomes__7	HTN	8	cvd_outcomes__8	CAD	9	cvd_outcomes__9	DM1	10	cvd_outcomes__10	DM2	11	cvd_outcomes__11	HF	12	cvd_outcomes__12	PH	13	cvd_outcomes__13	DVT	14	cvd_outcomes__14	VHD	15	cvd_outcomes__15	PAD	16	cvd_outcomes__16	AA	17	cvd_outcomes__17	Endocarditis
1	cvd_outcomes__1	MI																																																				
2	cvd_outcomes__2	CVI																																																				
3	cvd_outcomes__3	Cardiogenic Shock																																																				
4	cvd_outcomes__4	CABG																																																				
5	cvd_outcomes__5	Heart Tx																																																				
6	cvd_outcomes__6	SCD																																																				
7	cvd_outcomes__7	HTN																																																				
8	cvd_outcomes__8	CAD																																																				
9	cvd_outcomes__9	DM1																																																				
10	cvd_outcomes__10	DM2																																																				
11	cvd_outcomes__11	HF																																																				
12	cvd_outcomes__12	PH																																																				
13	cvd_outcomes__13	DVT																																																				
14	cvd_outcomes__14	VHD																																																				
15	cvd_outcomes__15	PAD																																																				
16	cvd_outcomes__16	AA																																																				
17	cvd_outcomes__17	Endocarditis																																																				
88	[mort_30]	30 Day Mortality	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No																																															
1	Yes																																																					
0	No																																																					
89	[six_mort]	6 Month Mortality	checkbox <table border="1"> <tr> <td>1</td> <td>six_mort__1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>six_mort__2</td> <td>No</td> </tr> </table>	1	six_mort__1	Yes	2	six_mort__2	No																																													
1	six_mort__1	Yes																																																				
2	six_mort__2	No																																																				
90	[six_m_cause]	6 Month Mortality Cause if Yes <i>Abbreviation</i>	text																																																			
91	[mort_yr]	1 Year Mortality	checkbox <table border="1"> <tr> <td>1</td> <td>mort_yr__1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>mort_yr__2</td> <td>No</td> </tr> </table>	1	mort_yr__1	Yes	2	mort_yr__2	No																																													
1	mort_yr__1	Yes																																																				
2	mort_yr__2	No																																																				
92	[yr_cause]	1 Year Mortality Cause if Yes <i>Abbreviation</i>	text																																																			
93	[mort_three_yr]	3 Year Mortality	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No																																															
1	Yes																																																					
0	No																																																					
94	[threeyr_mort_cause]	Cause of 3 Year Mortality <i>Abbreviation</i>	text																																																			
95	[mort_five_yr]	5 Year Mortality	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No																																															
1	Yes																																																					
0	No																																																					
96	[fiveyr_mort_cause]	Cause of 5 Year Mortality	text																																																			



97	[ mort_ten_yr ]	10 Year Mortality	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No		
1	Yes								
0	No								
98	[ tenyr_mort_cause ]	Cause of 10 Year Mortality <i>Abbreviation</i>	text						
99	[ mort_date ]	Date of Death	text (date_mdy)						
100	[ cause_death ]	Cause of Death <i>Abbreviation</i>	text						
101	[ alive ]	Still Alive	truefalse <table><tr><td>1</td><td>True</td></tr><tr><td>0</td><td>False</td></tr></table>	1	True	0	False		
1	True								
0	False								
102	[ outcomes_complete ]	Section Header: <i>Form Status</i> Complete?	dropdown <table><tr><td>0</td><td>Incomplete</td></tr><tr><td>1</td><td>Unverified</td></tr><tr><td>2</td><td>Complete</td></tr></table>	0	Incomplete	1	Unverified	2	Complete
0	Incomplete								
1	Unverified								
2	Complete								