

**Data Set Name: device.sas7bdat**

Num	Variable	Type	Len	Label
1	BUN_MG_DL	Num	8	BUN (mg/dL)
2	BUN_MMOL_L	Num	8	BUN (mmol/L)
3	CREAT_MG_DL	Num	8	Creatinine (mg/dL)
4	CREAT_UMOL_L	Num	8	Creatinine (umol/L)
5	BILI_TOTAL_MG_DL	Num	8	Total Bilirubin (mg/dL)
6	BILI_TOTAL_UMOL_L	Num	8	Total Bilirubin (umol/L)
7	SODIUM_MEQ_L	Num	8	Sodium (mEq/L)
8	SODIUM_MMOL_L	Num	8	Sodium (mmol/L)
9	INR	Num	8	INR
10	WBC_X10_3_UL	Num	8	White Blood Cell Count (x10 <sup>3</sup> /uL)
11	WBC_X10_9_L	Num	8	White Blood Cell Count (x10 <sup>9</sup> /L)
12	PLATELET_X10_3_UL	Num	8	Platelets (x10 <sup>3</sup> /uL)
13	PLATELET_X10_9_L	Num	8	Platelets (x10 <sup>9</sup> /L)
14	SGOT_AST	Num	8	Aspartate Aminotransferase/AST (u/L)
15	SGPT_ALT	Num	8	Alanine Aminotransferase/ALT (u/L)
16	CHOLESTEROL_MG_DL	Num	8	Total Cholesterol (mg/dL)
17	CHOLESTEROL_MMOL_L	Num	8	Total Cholesterol (mmol/L)
18	CRP	Num	8	CRP (mg/L)
19	POTASSIUM_MEQ_L	Num	8	Potassium (mEq/L)
20	POTASSIUM_MMOL_L	Num	8	Potassium (mmol/L)
21	HEMOGLOBIN_G_DL	Num	8	Hemoglobin (g/dL)
22	HEMOGLOBIN_G_L	Num	8	Hemoglobin (g/L)
23	HEMOGLOBIN_MMOL_L	Num	8	Hemoglobin (mmol/L)
24	LDH_U_L	Num	8	LDH (ukat/L) , (U/L)
25	LDH_L	Num	8	LDH (units/L)
26	PRE_ALBUMIN_MG_DL	Num	8	Pre-albumin (mg/dL)
27	PRE_ALBUMIN_MG_L	Num	8	Pre-albumin (mg/L)
28	ALBUMIN_G_DL	Num	8	Albumin (g/dL)
29	ALBUMIN_G_L	Num	8	Albumin (g/L)
30	BNP_PG_ML	Num	8	Brain Natriuretic Peptide (pg/mL)
31	BNP_NG_L	Num	8	Brain Natriuretic Peptide (ng/L)
32	PRO_BNP_PG_ML	Num	8	Pro Brain Natriuretic Peptide (pg/mL)
33	PRO_BNP_NG_L	Num	8	Pro Brain Natriuretic Peptide (ng/L)
34	PILURICACID_MG_DL	Num	8	PIL Uric Acid (mg/dL)
35	PILURICACID_UMOL_L	Num	8	PIL Uric Acid (umol/L)
36	PILURICACID_MG_I	Char	1	PIL Uric Acid Mg Incomplete

Num	Variable	Type	Len	Label
37	LYMPH_CNT_PERCENT	Num	8	PIL Lymphocyte Count (%)
38	LYMPH_CNT_I	Char	1	PIL Lymphocyte Count Incomplete
39	LYMPH_CNT_X10_3_UL	Num	8	PIL Lymphocyte Count (x10 <sup>3</sup> cells/uL)
40	LYMPH_CNT_X10_9_L	Num	8	PIL Lymphocyte Count (x10 <sup>9</sup> cells/liter)
41	LUPUSANTICOAG	Char	1	Lupus Anticoagulant
42	ECG_RHYTHM	Num	8	ECG Rhythm
43	AORTIC_REGURG	Num	8	Aortic Regurgitation
44	LVEDD	Num	8	LVEDD
45	RVEF	Num	8	RVEF
46	CARDIAC_INDEX	Num	8	Cardiac Index
47	CV_PRES	Num	8	Central Venous Pressure
48	HR_RATE	Num	8	Heart Rate
49	PUL_SYS_PRES	Num	8	Pulmonary Artery Systolic Pressure (mmHg)
50	PUL_DIA_PRES	Num	8	Pulmonary Artery Diastolic Pressure (mmHg)
51	RA_PRES	Num	8	Mean RA Pressure (mmHg)
52	PUL_WEDGE_PRES	Num	8	Pulmonary Artery Wedge Pressure (mmHg)
53	SIX_MIN_WALK	Num	8	Six Minute Walk (ft)
54	SIX_MIN_WALK_I	Char	1	Six Minute Walk Incomplete
55	VO2_MAX	Num	8	VO2 Max (mL/kg/min)
56	VO2_MAX_I	Char	1	VO2 Max Incomplete
57	PEAK_R	Num	8	Peak R (%)
58	PEAK_R_I	Char	1	Peak R Incomplete
59	CC_ALLOSENSITIZATION	Num	8	Concern: Allosensitization
60	CC2_ALLOSENSITIZATION	Num	8	Limitation: Allosensitization
61	CC_CHRONIC_COAGULOPATHY	Num	8	Concern: Chronic Coagulopathy
62	CC2_CHRONIC_COAGULOPATHY	Num	8	Limitation: Chronic Coagulopathy
63	CC_CHRONIC_INF_CONCERNS	Num	8	Concern: Chronic Infectious Concerns
64	CC2_CHRONIC_INF_CONCERNS	Num	8	Limitation: Chronic Infectious Concerns
65	CC_CHRONIC_RENAL_DISEASE	Num	8	Concern: Chronic Renal Disease
66	CC2_CHRONIC_RENAL_DISEASE	Num	8	Limitation: Chronic Renal Disease
67	CC_CONTRAIN_TO_IMMSUPPRES	Num	8	Concern: Contraindications to Immunosuppression
68	CC2_CONTRAIN_TO_IMMSUPPRES	Num	8	Limitation: Contraindications to Immunosuppression
69	CC_CURR_SMOKING	Num	8	Concern: Currently Smoking
70	CC2_CURR_SMOKING	Num	8	Limitation: Currently Smoking
71	CC_FRAILTY	Num	8	Concern: Frailty
72	CC2_FRAILTY	Num	8	Limitation: Frailty
73	CC_FREQUENT_ICD_SHOCKS	Num	8	Concern: Frequent ICD Shocks
74	CC2_FREQUENT_ICD_SHOCKS	Num	8	Limitation: Frequent ICD Shocks
75	CC_HEP_INDUCED_THROMBO	Num	8	Concern: Heparin Induced Thrombosis

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76	CC2_HEP_INDUCED_THROMBO	Num	8	Limitation: Heparin Induced Thrombosis
77	CC_HIST_ATRIAL_ARRHYTHMIA	Num	8	Concern: History Atrial Arrhythmia
78	CC2_HIST_ATRIAL_ARRHYTHMIA	Num	8	Limitation: History Atrial Arrhythmia
79	CC_HISTORY_GI_ULCERS	Num	8	Concern: History GI Ulcers
80	CC2_HISTORY_GI_ULCERS	Num	8	Limitation: History GI Ulcers
81	CC_HISTORY_HEPATITIS	Num	8	Concern: History Hepatitis
82	CC2_HISTORY_HEPATITIS	Num	8	Limitation: History Hepatitis
83	CC_HIST_ALCOHOL_ABUSE	Num	8	Concern: History Alcohol Abuse
84	CC2_HIST_ALCOHOL_ABUSE	Num	8	Limitation: History Alcohol Abuse
85	CC_HIST_BONE_MARROW_TX	Num	8	Concern: History Bone Marrow Transplant
86	CC2_HIST_BONE_MARROW_TX	Num	8	Limitation: History Bone Marrow Transplant
87	CC_HIST_DRUG_USE	Num	8	Concern: History Drug Use
88	CC2_HIST_DRUG_USE	Num	8	Limitation: History Drug Use
89	CC_HIST_HIV	Num	8	Concern: History HIV
90	CC2_HIST_HIV	Num	8	Limitation: History HIV
91	CC_HIST_LYMPHOMA_LEUKEMIA	Num	8	Concern: History Lymphoma Leukemia
92	CC2_HIST_LYMPHOMA_LEUKEMIA	Num	8	Limitation: History Lymphoma Leukemia
93	CC_HIST_SMOKING	Num	8	Concern: History Smoking
94	CC2_HIST_SMOKING	Num	8	Limitation: History Smoking
95	CC_HIST_SOLID_ORGAN_CNCR	Num	8	Concern: History Solid Organ Cancer
96	CC2_HIST_SOLID_ORGAN_CNCR	Num	8	Limitation: History Solid Organ Cancer
97	CC_LARGE_BMI	Num	8	Concern: Large BMI
98	CC2_LARGE_BMI	Num	8	Limitation: Large BMI
99	CC_LTD_COG_UNDERSTND	Num	8	Concern: Limited Cognitive Understanding
100	CC2_LTD_COG_UNDERSTND	Num	8	Limitation: Limited Cognitive Understanding
101	CC_LIMITED_SOCIAL_SUPPORT	Num	8	Concern: Limited Social Support
102	CC2_LIMITED_SOCIAL_SUPPORT	Num	8	Limitation: Limited Social Support
103	CC_LIVER_DYSFUNCTION	Num	8	Concern: Liver Dysfunction
104	CC2_LIVER_DYSFUNCTION	Num	8	Limitation: Liver Dysfunction
105	CC_MAJOR_STROKE	Num	8	Concern: Major Stroke
106	CC2_MAJOR_STROKE	Num	8	Limitation: Major Stroke
107	CC_MALNUTRITION_CACHEXIA	Num	8	Concern: Malnutrition/Cachexia
108	CC2_MALNUTRITION_CACHEXIA	Num	8	Limitation: Malnutrition/Cachexia
109	CC_MUSCSKELETAL_LIMIT	Num	8	Concern: Musculoskeletal Limitation
110	CC2_MUSCSKELETAL_LIMIT	Num	8	Limitation: Musculoskeletal Limitation
111	CC_NARCOTIC_DEPENDENCE	Num	8	Concern: Narcotic Dependence
112	CC2_NARCOTIC_DEPENDENCE	Num	8	Limitation: Narcotic Dependence
113	CC_OTHER_CO_MORBIDITY	Num	8	Concern: Other Co-Morbidity
114	CC2_OTHER_CO_MORBIDITY	Num	8	Limitation: Other Co-Morbidity

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115	CC_OTH_MAJOR_PSYCH_DIAG	Num	8	Concern: Other Major Psychological Diagnosis
116	CC2_OTH_MAJOR_PSYCH_DIAG	Num	8	Limitation: Other Major Psychological Diagnosis
117	CC_OTH_CEREBROVASC_DISEASE	Num	8	Concern: Other Cerebrovascular Disease
118	CC2_OTH_CEREBROVASC_DISEASE	Num	8	Limitation: Other Cerebrovascular Disease
119	CC_PX_DOES_NOT_WANT_TX	Num	8	Concern: Patient Does Not Want Transplant
120	CC2_PX_DOES_NOT_WANT_TX	Num	8	Limitation: Patient Does Not Want Transplant
121	CC_PERIPH_VASC_DISEASE	Num	8	Concern: Peripheral Vascular Disease
122	CC2_PERIPH_VASC_DISEASE	Num	8	Limitation: Peripheral Vascular Disease
123	CC_PULMONARY_DISEASE	Num	8	Concern: Pulmonary Disease
124	CC2_PULMONARY_DISEASE	Num	8	Limitation: Pulmonary Disease
125	CC_PULMONARY_HYPERTENSION	Num	8	Concern: Pulmonary Hypertension
126	CC2_PULMONARY_HYPERTENSION	Num	8	Limitation: Pulmonary Hypertension
127	CC_RCNT_PULM_EMBOLUS	Num	8	Concern: Recent Pulmonary Embolus
128	CC2_RCNT_PULM_EMBOLUS	Num	8	Limitation: Recent Pulmonary Embolus
129	CC_RPTD_NON_COMPLIANCE	Num	8	Concern: Repeated Non Compliance
130	CC2_RPTD_NON_COMPLIANCE	Num	8	Limitation: Repeated Non Compliance
131	CC_SEVERE_DEPRESSION	Num	8	Concern: Severe Depression
132	CC2_SEVERE_DEPRESSION	Num	8	Limitation: Severe Depression
133	CC_SEVERE_DIABETES	Num	8	Concern: Severe Diabetes
134	CC2_SEVERE_DIABETES	Num	8	Limitation: Severe Diabetes
135	CC_THORACIC_AORTIC_DIS	Num	8	Concern: Thoracic Aortic Disease
136	CC2_THORACIC_AORTIC_DIS	Num	8	Limitation: Thoracic Aortic Disease
137	CC_UNFAV_MEDIASTINAL_ANAT	Num	8	Concern: Unfavorable Mediastinal Anatomy
138	CC2_UNFAV_MEDIASTINAL_ANAT	Num	8	Limitation: Unfavorable Mediastinal Anatomy
139	CC_ANASARCA	Num	8	Concern: Anasarca
140	CC2_ANASARCA	Num	8	Limitation: Anasarca
141	CC_GEN_SYNDROME	Num	8	Concern: Genetic Syndrome
142	CC2_GEN_SYNDROME	Num	8	Limitation: Genetic Syndrome
143	CC2_PLASTIC	Num	8	Limitation: Plastic Bronchitis
144	CC2_PROTEIN_LOSING	Num	8	Limitation: Protein Losing Enteropathy
145	CC2_TRACH	Num	8	Limitation: Tracheotomy
146	CC_PLASTIC	Num	8	Concern: Plastic Bronchitis
147	CC_PROTEIN_LOSING	Num	8	Concern: Protein Losing Enteropathy
148	CC_TRACH	Num	8	Concern: Tracheotomy
149	GENETIC_SYNDROME	Num	8	Genetic Syndrome Type
150	NUM_STERNOTOMIES	Num	8	Number of Sternotomies
151	CC_NEURO_ABNORMAL	Num	8	Concern: Neuro Abnormal
152	CC2_NEURO_ABNORMAL	Num	8	Limitation: Neuro Abnormal
153	HIV_VIRAL_LOAD_I	Char	1	#HIV-1 RNA Viral Load Incomplete#

Num	Variable	Type	Len	Label
154	HIV_CD4_I	Char	1	#CD4 T-Cell Count Incomplete#
155	HIV_ESR_I	Char	1	#Erythrocyte Sedimentation Rate Incomplete#
156	HIV_CRP_I	Char	1	#C Reactive Protein Incomplete#
157	HIV_HIST_HEP_B_I	Char	1	#HIV History of Hepatitis B Incomplete#
158	HIV_HIST_HEP_C_I	Char	1	#HIV History of Hepatitis C Incomplete#
159	HIV_HX_OP_IN	Char	1	#HIV Opportunistic Infection Since Last Followup#
160	HIV_VIRAL_LOAD	Num	8	#HIV-1 RNA Viral Load#
161	HIV_CD4	Num	8	#CD4 T-Cell Count#
162	HIV_ESR	Num	8	#Erythrocyte Sedimentation Rate#
163	HIV_CRP	Num	8	#C Reactive Protein#
164	HIV_ART_ABACAVIR	Num	8	*#Antiretroviral Therapy: Abacavir#*
165	HIV_ART_ATAZANAVIR	Num	8	*#Antiretroviral Therapy: Atazanavir#*
166	HIV_ART_ATRIPLA	Num	8	*#Antiretroviral Therapy: Atripla#*
167	HIV_ART_COMBIVIR	Num	8	*#Antiretroviral Therapy: Combivir#*
168	HIV_ART_COMPLERA	Num	8	*#Antiretroviral Therapy: Complera#*
169	HIV_ART_DARUNAVIR	Num	8	*#Antiretroviral Therapy: Darunavir#*
170	HIV_ART_DELAVIRDINE	Num	8	*#Antiretroviral Therapy: Delavirdine#*
171	HIV_ART_DIDANOSINE	Num	8	*#Antiretroviral Therapy: Didanosine#*
172	HIV_ART_DOLUTEGRAVIR	Num	8	*#Antiretroviral Therapy: Dolutegravir#*
173	HIV_ART_EFAVIRENZ	Num	8	*#Antiretroviral Therapy: Efavirenz#*
174	HIV_ART_EMTRICITABINE	Num	8	*#Antiretroviral Therapy: Emtricitabine#*
175	HIV_ART_ENFUVRTIDE	Num	8	*#Antiretroviral Therapy: Enfuvirtide#*
176	HIV_ART_EPZICOM	Num	8	*#Antiretroviral Therapy: Epzicom#*
177	HIV_ART_ETRAVIRINE	Num	8	*#Antiretroviral Therapy: Etravirine#*
178	HIV_ART_FOSAMPRENAVIR	Num	8	*#Antiretroviral Therapy: Fosamprenavir#*
179	HIV_ART_INDINAVIR	Num	8	*#Antiretroviral Therapy: Indinavir#*
180	HIV_ART_KALETRA	Num	8	*#Antiretroviral Therapy: Kaletra#*
181	HIV_ART_LAMIVUDINE	Num	8	*#Antiretroviral Therapy: Lamivudine#*
182	HIV_ART_MARAVIROC	Num	8	*#Antiretroviral Therapy: Maraviroc#*
183	HIV_ART_NELFINAVIR	Num	8	*#Antiretroviral Therapy: Nelfinavir#*
184	HIV_ART_NEVIRAPINE	Num	8	*#Antiretroviral Therapy: Nevirapine#*
185	HIV_ART_RALTEGRAVIR	Num	8	*#Antiretroviral Therapy: Raltegravir#*
186	HIV_ART_RILPIVIRINE	Num	8	*#Antiretroviral Therapy: Rilpivirine#*
187	HIV_ART_RITONAVIR	Num	8	*#Antiretroviral Therapy: Ritonavir#*
188	HIV_ART_SAQUINAVIR	Num	8	*#Antiretroviral Therapy: Saquinavir#*
189	HIV_ART_STAVUDINE	Num	8	*#Antiretroviral Therapy: Stavudine#*
190	HIV_ART_STRIBILD	Num	8	*#Antiretroviral Therapy: Stribild#*
191	HIV_ART_TDF	Num	8	*#Antiretroviral Therapy: TDF#*
192	HIV_ART_TIPRANIVIR	Num	8	*#Antiretroviral Therapy: Tipranavir#*

Num	Variable	Type	Len	Label
193	HIV_ART_TRIZIVIR	Num	8	*#Antiretroviral Therapy: Trizivir#*
194	HIV_ART_TRUVADA	Num	8	*#Antiretroviral Therapy: Truvada#*
195	HIV_ART_ZIDOVUDINE	Num	8	*#Antiretroviral Therapy: Zidovudine#*
196	HIV_ART_UNKNOWN	Num	8	*#Antiretroviral Therapy: Unknown#*
197	HIV_ART_NONE	Num	8	*#Antiretroviral Therapy: None#*
198	HIV_INF_PRO_ATOVAQUONE	Num	8	*#Infection Prophylaxis: Atovaquone#*
199	HIV_INF_PRO_AZITHROMYCIN	Num	8	*#Infection Prophylaxis: Azithromycin#*
200	HIV_INF_PRO_DAPSONE	Num	8	*#Infection Prophylaxis: Dapsone#*
201	HIV_INF_PRO_FLUCONAZOLE	Num	8	*#Infection Prophylaxis: Fluconazole#*
202	HIV_INF_PRO_PENTAMIDINE	Num	8	*#Infection Prophylaxis: Pentamidine#*
203	HIV_INF_PRO_TMP_SMX	Num	8	*#Infection Prophylaxis: Trimethoprim-sulfamethoxazole#*
204	HIV_INF_PRO_UNKNOWN	Num	8	*#Infection Prophylaxis: Unknown#*
205	HIV_INF_PRO_NONE	Num	8	*#Infection Prophylaxis: None#*
206	HIV_HX_OP_IN_CRYPTOCOCCOSIS	Num	8	*#History of Opportunistic Infection: Cryptococcosis#*
207	HIV_HX_OP_IN_CYTOMEGALOVIRUS	Num	8	*#History of Opportunistic Infection: Cytomegalovirus#*
208	HIV_HX_OP_IN_EBV	Num	8	*#History of Opportunistic Infection: Epstein Barr Virus#*
209	HIV_HX_OP_IN_ESOPH_CANDID	Num	8	*#History of Opportunistic Infection: Esophageal Candidiasis#*
210	HIV_HX_OP_IN_HISTOPLASMOSIS	Num	8	*#History of Opportunistic Infection: Histoplasmosis#*
211	HIV_HX_OP_IN_KAPOSIS_SARCOMA	Num	8	*#History of Opportunistic Infection: Kaposi Sarcoma#*
212	HIV_HX_OP_IN_MAC_DISSEMINATED	Num	8	*#History of Opportunistic Infection: Mycobacterium Avium Complex#*
213	HIV_HX_OP_IN_CARINII_PCP	Num	8	*#History of Opportunistic Infection: Pneumocystis#*
214	HIV_HX_OP_IN_TOXOPLASMOSIS	Num	8	*#History of Opportunistic Infection: Toxoplasmosis#*
215	HIV_HX_OP_IN_TUBERCULOSIS	Num	8	*#History of Opportunistic Infection: Tuberculosis#*
216	HIV_HX_OP_IN_NONE	Num	8	*#History of Opportunistic Infection: None#*
217	HIV_HIST_HEP_B	Num	8	#HIV History of Hepatitis B#
218	HIV_HIST_HEP_C	Num	8	#HIV History of Hepatitis C#
219	ACT_FLG	Num	8	Site Activation flag (0=pre/1=post) - DV
220	HGT_CM	Num	8	Height (cm)
221	HGT_CM_I	Char	10	Height Incomplete
222	HGT_IN	Num	8	Height (in)
223	WGT_KG	Num	8	Weight (kg)
224	WGT_KG_I	Char	1	Weight Incomplete
225	WGT_LBS	Num	8	Weight (lbs)
226	BLOOD_TYPE	Num	8	Blood Type
227	DEVICE_STRATEGY	Num	8	Current Device Strategy
228	PRIMARY_DGN	Num	8	Primary Diagnosis
229	PREV_CARDIAC_OPER	Num	8	*Previous Cardiac Operation*
230	PREV_CARDIAC_OPER_NONE	Num	8	*Previous Cardiac Operation (None)*

Num	Variable	Type	Len	Label
231	PREV_CARDIAC_OPER_CABG	Num	8	*Previous Cardiac Operation (CABG)*
232	PREV_CARDIAC_OPER_AVR	Num	8	*Previous Cardiac Operation (Aortic Valve Replacement/Repair)*
233	PREV_CARDIAC_OPER_MVR	Num	8	*Previous Cardiac Operation (Mitral Valve Replacement/Repair)*
234	PREV_CARDIAC_OPER_CON_CAR_SUR	Num	8	*Previous Cardiac Operation (Congenital Cardiac Surgery)*
235	PREV_CARDIAC_OPER_LVAD	Num	8	*Previous Cardiac Operation (LVAD)*
236	PREV_CARDIAC_OPER_RVAD	Num	8	*Previous Cardiac Operation (RVAD)*
237	PREV_CARDIAC_OPER_TAH	Num	8	*Previous Cardiac Operation (TAH)*
238	PREV_CARDIAC_OPER_OTHER	Num	8	*Previous Cardiac Operation (Other Specify (INCLUDE ONLY OPERATIONS ACTUALLY PERFORMED ON HEART OR GREAT VESSELS))*
239	PREV_CARDIAC_OPER_ANEURS_DOR	Num	8	*Previous Cardiac Operation (Aneurysmectomy DOR)*
240	PREV_CARDIAC_OPER_TVR	Num	8	*Previous Cardiac Operation (Tricuspid Replacement/Repair)*
241	PREV_CARDIAC_OPER_PREV_TRANS	Num	8	*Previous Cardiac Operation (Previous Heart Transplant)*
242	PREV_CARDIAC_OPER_PREV_ECMO	Num	8	*Previous Cardiac Operation (Previous ECMO)*
243	PREV_CARD_OP_CON_SUR	Num	8	*Previous Cardiac Operation Congenital Surgery*
244	ADMISSION_REASON	Num	8	Admission Reason
245	CURRENT_ICD	Char	1	Current ICD
246	EVENT_HOSP	Num	8	*Events this Hospitalization*
247	EVENT_HOSP_DIALYSIS	Num	8	*Events this Hospitalization (Dialysis)*
248	EVENT_HOSP_INTUB	Num	8	*Events this Hospitalization (Intubation)*
249	EVENT_HOSP_MAJOR_MI	Num	8	*Events this Hospitalization (Major MI)*
250	EVENT_HOSP_MAJOR_MI_POS_BLD	Num	8	*Events this Hospitalization (Major Infections/Positive Blood Cultures)*
251	EVENT_HOSP_OTH_SUR_PROC	Num	8	*Events this Hospitalization (Other Surgical Procedures)*
252	EVENT_HOSP_UNKNOWN	Num	8	*Events this Hospitalization (Unknown)*
253	EVENT_HOSP_NONE	Num	8	*Events this Hospitalization (None)*
254	EVENT_HOSP_IABP	Num	8	*Events this Hospitalization (IABP)*
255	EVENT_HOSP_ULTRAFILT	Num	8	*Events this Hospitalization (Ultrafiltration)*
256	EVENT_HOSP_FEED_TUBE	Num	8	*Events this Hospitalization (Feeding Tube)*
257	EVENT_HOSP_ECMO	Num	8	*Events this Hospitalization (ECMO)*
258	EVENT_HOSP_CABG	Num	8	*Events this Hospitalization (CABG)*
259	EVENT_HOSP_AVR	Num	8	*Events this Hospitalization (Aortic Valve Replacement/Repair)*
260	EVENT_HOSP_MVR	Num	8	*Events this Hospitalization (Mitral Valve Replacement/Repair)*
261	EVENT_HOSP_CON_CAR_SUR	Num	8	*Events this Hospitalization (Congenital Cardiac Surgery)*
262	EVENT_HOSP_LVAD	Num	8	*Events this Hospitalization (LVAD)*
263	EVENT_HOSP_RVAD	Num	8	*Events this Hospitalization (RVAD)*
264	EVENT_HOSP_TAH	Num	8	*Events this Hospitalization (TAH)*
265	EVENT_HOSP_CPAP	Num	8	*Events this Hospitalization (Escalation to CPAP)*
266	EVENT_HOSP_TREAT_REJECT	Num	8	*Events this Hospitalization (Treatment of Rejection)*
267	EVENT_HOSP_ARRHYTHMIA	Num	8	*Events this Hospitalization (Arrhythmia)*

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268	EVENT_HOSP_PERI_DRAIN	Num	8	*Events this Hospitalization (Peritoneal Drain)*
269	EVENT_HOSP_PREV_ECMO	Num	8	*Events this Hospitalization (Previous ECMO)*
270	EVENT_HOSP_NON_CARD_PROC	Num	8	*Events this Hospitalization (Non-Cardiac Procedure)*
271	EVENT_HOSP_PREV_TXPL	Num	8	*Events this Hospitalization (Previous Heart Transplant)*
272	INFECTION_TYPE	Num	8	Infection Type
273	INFECTION_LOC	Num	8	Infection Location
274	IV_INO_THERAPY	Char	1	IV Inotrope Therapy
275	IV_INO_THERAPY_AGENTS	Num	8	*IV Inotrope Therapy Agents*
276	IV_INO_THERAPY_AGENTS DOBUT	Num	8	*IV Inotrope Therapy Agents (Dobutamine)*
277	IV_INO_THERAPY_AGENTS_DOPA	Num	8	*IV Inotrope Therapy Agents (Dopamine)*
278	IV_INO_THERAPY_AGENTS_MILRI	Num	8	*IV Inotrope Therapy Agents (Milrinone)*
279	IV_INO_THERAPY_AGENTS_LEVOSI	Num	8	*IV Inotrope Therapy Agents (Levosimendan)*
280	IV_INO_THERAPY_AGENTS_EPINEPH	Num	8	*IV Inotrope Therapy Agents (Epinephrine)*
281	IV_INO_THERAPY_AGENTS_NOREPI	Num	8	*IV Inotrope Therapy Agents (Norepinephrine)*
282	IV_INO_THERAPY_AGENTS_ISOPRO	Num	8	*IV Inotrope Therapy Agents (Isoproterenol)*
283	IV_INO_THERAPY_AGENTS_OTHER	Num	8	*IV Inotrope Therapy Agents (Other, Specify)*
284	IV_INO_THERAPY_AGENTS_UNK	Num	8	*IV Inotrope Therapy Agents (Unknown)*
285	IV_INO_THERAPY_AGENTS_VASO	Num	8	*IV Inotrope Therapy Agents (Vasopressin)*
286	IV_INO_THERAPY_AGENTS_NITRO	Num	8	*IV Inotrope Therapy Agents (Nitroprusside)*
287	IV_INO_THERAPY_AGENTS_FENOL	Num	8	*IV Inotrope Therapy Agents (Fenoldopam)*
288	IV_INO_THERAPY_AGENTS_NESER	Num	8	*IV Inotrope Therapy Agents (Neseritide)*
289	PX_PROFILE	Num	8	Patient Profile
290	MULTIPLE_DEVICE	Num	8	Multiple Device
291	MODIFIER_A	Char	1	Modifier A
292	MODIFIER_TCS	Char	1	Modifier Temporary Circulatory Support
293	MODIFIER_FF	Char	1	Modifier Frequent Flier
294	SEC_DGN_BV_CAVC	Num	8	*#Secondary Diagnosis: Cong: BiVent: CAVC/VSD/ASD#*
295	SEC_DGN_BV_CCT	Num	8	*#Secondary Diagnosis: Cong: BiVent: (I-TGA) (CC-TGA)#*
296	SEC_DGN_BV_EA	Num	8	*#Secondary Diagnosis: Cong: BiVent: Ebstein's Anomaly#*
297	SEC_DGN_BV_KD	Num	8	*#Secondary Diagnosis: Cong: BiVent: Kawasaki Disease#*
298	SEC_DGN_BV_LHV	Num	8	*#Secondary Diagnosis: Cong: BiVent: Left Heart Valve/Structural Hypoplasia#*
299	SEC_DGN_BV_TA	Num	8	*#Secondary Diagnosis: Cong: BiVent: Truncus Arteriosus#*
300	SEC_DGN_BV_TGA	Num	8	*#Secondary Diagnosis: Cong: BiVent: (d-TGA)#*
301	SEC_DGN_BV_TOF	Num	8	*#Secondary Diagnosis: Cong: BiVent: TOF/TOF Variant#*
302	SEC_DGN_CANCER	Num	8	*#Secondary Diagnosis: Cancer#*
303	SEC_DGN_COR_ART_DIS	Num	8	*#Secondary Diagnosis: Coronary Artery Disease#*
304	SEC_DGN_DIL_MYO_ADRIAMYCIN	Num	8	*#Secondary Diagnosis: Dil Myo: Adriamycin#*
305	SEC_DGN_DIL_MYO_ALCOHOLIC	Num	8	*#Secondary Diagnosis: Dil Myo: Alcoholic#*



Num	Variable	Type	Len	Label
306	SEC_DGN_DIL_MYO_FAMILIAL	Num	8	*#Secondary Diagnosis: Dil Myo: Familial#*
307	SEC_DGN_DIL_MYO_IDIOPATHIC	Num	8	*#Secondary Diagnosis: Dil Myo: Idiopathic#*
308	SEC_DGN_DIL_MYO_ISCHEMIC	Num	8	*#Secondary Diagnosis: Dil Myo: Ischemic#*
309	SEC_DGN_DIL_MYO_LV	Num	8	*#Secondary Diagnosis: Dil Myo: LV Non-Compaction#*
310	SEC_DGN_DIL_MYO_MYOCARDITIS	Num	8	*#Secondary Diagnosis: Dil Myo: Myocarditis#*
311	SEC_DGN_DIL_MYO_OTHER	Num	8	*#Secondary Diagnosis: Dil Myo: Other#*
312	SEC_DGN_DIL_MYO_POST_PART	Num	8	*#Secondary Diagnosis: Dil Myo: Post Partum#*
313	SEC_DGN_DIL_MYO_UNSPECIFIED	Num	8	*#Secondary Diagnosis: Dil Myo: Unspecified#*
314	SEC_DGN_DIL_MYO_VIRAL	Num	8	*#Secondary Diagnosis: Dil Myo: Viral#*
315	SEC_DGN_HYPER_CARDIOMYO	Num	8	*#Secondary Diagnosis: Hypertrophic Cardiomyopathy#*
316	SEC_DGN_NONE	Num	8	*#Secondary Diagnosis: None#*
317	SEC_DGN_POST_TX_GRFT_DYS	Num	8	*#Secondary Diagnosis: Post Transplant / Graft Dysfunction#*
318	SEC_DGN_REST_MYO_AMYLOID	Num	8	*#Secondary Diagnosis: Rest Myo: Amyloidosis#*
319	SEC_DGN_REST_MYO_ENDO_FIB	Num	8	*#Secondary Diagnosis: Rest Myo: Endocardial Fibrosis#*
320	SEC_DGN_REST_MYO_IDIOPATHIC	Num	8	*#Secondary Diagnosis: Rest Myo: Idiopathic#*
321	SEC_DGN_REST_MYO_OTHER	Num	8	*#Secondary Diagnosis: Rest Myo: Other#*
322	SEC_DGN_REST_MYO_RAD_CHEMO	Num	8	*#Secondary Diagnosis: Rest Myo: Radiation/Chemo#*
323	SEC_DGN_REST_MYO_SARCOIDOSIS	Num	8	*#Secondary Diagnosis: Rest Myo: Sarcoidosis#*
324	SEC_DGN_REST_MYO_UNSPECIFIED	Num	8	*#Secondary Diagnosis: Rest Myo: Unspecified#*
325	SEC_DGN_SV_HETEROTAXY	Num	8	*#Secondary Diagnosis: Cong: SVent: Heterotaxy / Complex CAVC#*
326	SEC_DGN_SV_HLF	Num	8	*#Secondary Diagnosis: Cong: SVent: Hypoplastic Left Heart#*
327	SEC_DGN_SV_OTHER	Num	8	*#Secondary Diagnosis: Cong: SVent: Other#*
328	SEC_DGN_SV_PA_IVS	Num	8	*#Secondary Diagnosis: Cong: SVent: Pulmonary Atresia with IVS#*
329	SEC_DGN_SV_PA_IVS_RVDC	Num	8	*#Secondary Diagnosis: Cong: SVent: Pulmonary Atresia with IVS (RVDC)#*
330	SEC_DGN_SV_UNSPECIFIED	Num	8	*#Secondary Diagnosis: Cong: SVent: Unspecified#*
331	SEC_DGN_UNKNOWN	Num	8	*#Secondary Diagnosis: Unknown#*
332	SEC_DGN_VALV_HRT_DIS	Num	8	*#Secondary Diagnosis: Valvular Heart Disease#*
333	PREV_CARD_OP_CON_SUR_DBL_SWCH	Num	8	*Previous Congenital Cardiac Surgery (Congenitally Corrected Transposition Repair (double switch))*
334	PREV_CARD_OP_CON_SUR_CLASSIC	Num	8	*Previous Congenital Cardiac Surgery (Congenitally Corrected Transposition Repair (classic))*
335	PREV_CARD_OP_CON_SUR_PA_BAND	Num	8	*Previous Congenital Cardiac Surgery (PA Banding)*
336	PREV_CARD_OP_CON_SUR_TOV_REP	Num	8	*Previous Congenital Cardiac Surgery (TOF / DORV / RVOTO Repair)*
337	PREV_CARD_OP_CON_SUR_EBSTEIN	Num	8	*Previous Congenital Cardiac Surgery (Ebsteins Anomaly Repair)*
338	PREV_CARD_OP_CON_SUR_VSD_REP	Num	8	*Previous Congenital Cardiac Surgery (VSD Repair)*
339	PREV_CARD_OP_CON_SUR_NORWOOD	Num	8	*Previous Congenital Cardiac Surgery (Norwood Stage I)*

Num	Variable	Type	Len	Label
340	PREV_CARD_OP_CON_SUR_GLENN	Num	8	*Previous Congenital Cardiac Surgery (Glenn Procedure)*
341	PREV_CARD_OP_CON_SUR_FONTAN	Num	8	*Previous Congenital Cardiac Surgery (Fontan Procedure)*
342	PREV_CARD_OP_CON_SUR_ART_SWCH	Num	8	*Previous Congenital Cardiac Surgery (d-Transposition of the Great Vessels Repair - Arterial Switch Operation)*
343	PREV_CARD_OP_CON_SUR_SEN_MSTRD	Num	8	*Previous Congenital Cardiac Surgery (d-Transposition of the Great Vessels Repair - Atrial Switch (Senning / Mustard))*
344	PREV_CARD_OP_CON_SUR_AP_SH	Num	8	*#Previous Cardiac Operation: Congenital Surgery: AP Shunt#*
345	PREV_CARD_OP_CON_SUR_ASD	Num	8	*#Previous Cardiac Operation: Congenital Surgery: ASD#*
346	PREV_CARD_OP_CON_SUR_SEP_DEFCT	Num	8	*Previous Congenital Cardiac Surgery (Complete AV Septal Defect Repair)*
347	PREV_CARD_OP_CON_SUR_OTHER	Num	8	*Previous Congenital Cardiac Surgery (Other, Specify)*
348	PREV_CARD_OP_CON_SUR_TRUNCUS	Num	8	*Previous Congenital Cardiac Surgery (Truncus Arteriosus Repair)*
349	PREV_CARD_OP_CON_SUR_HYBRID_REP	Num	8	*Previous Congenital Cardiac Surgery (Hybrid Repair)*
350	PREV_CARD_OP_CON_SUR_DKS	Num	8	*#Previous Cardiac Operation: Congenital Surgery: Damus Kaye Stansel#*
351	ADMISSION_REASON_NON_CARD_GI	Num	8	*Admitting Diagnosis: Non-Cardiac (GI (Nausea, vomiting, diarrhea))*
352	ADMISSION_REASON_NON_CARD_RESP	Num	8	*Admitting Diagnosis: Non-Cardiac (Respiratory (SOB, wheezing, respiratory failure))*
353	ADMISSION_REASON_NON_CARD_FTT	Num	8	*Admitting Diagnosis: Non-Cardiac (FTT)*
354	ADMISSION_REASON_NON_CARD_LETH	Num	8	*Admitting Diagnosis: Non-Cardiac (Lethargy)*
355	ADMISSION_REASON_NON_CARD_OTHER	Num	8	*Admitting Diagnosis: Non-Cardiac (Other, Specify)*
356	EVNT_HOS_CON_CAR_SUR	Num	8	*Congenital Cardiac Surgery this Hospitalization*
357	EVNT_HOS_CON_CAR_SUR_DBL_SWCH	Num	8	*Congenital Cardiac Surgery this Hospitalization: Congenitally Corrected Transposition Repair (double switch)*
358	EVNT_HOS_CON_CAR_SUR_CLASSIC	Num	8	*Congenital Cardiac Surgery this Hospitalization: Congenitally Corrected Transposition Repair (classic)*
359	EVNT_HOS_CON_CAR_SUR_PA_BAND	Num	8	*Congenital Cardiac Surgery this Hospitalization: PA Banding*
360	EVNT_HOS_CON_CAR_SUR_TOV_REP	Num	8	*Congenital Cardiac Surgery this Hospitalization: TOV/DORV/RVOTO Repair*
361	EVNT_HOS_CON_CAR_SUR_EBSTEIN	Num	8	*Congenital Cardiac Surgery this Hospitalization: Ebsteins Anomaly Repair*
362	EVNT_HOS_CON_CAR_SUR_VSD_REP	Num	8	*Congenital Cardiac Surgery this Hospitalization: VSD Repair*
363	EVNT_HOS_CON_CAR_SUR_NORWOOD	Num	8	*Congenital Cardiac Surgery this Hospitalization: Norwood Stage I*
364	EVNT_HOS_CON_CAR_SUR_GLENN	Num	8	*Congenital Cardiac Surgery this Hospitalization (Glenn Procedure)*
365	EVNT_HOS_CON_CAR_SUR_FONTAN	Num	8	*Congenital Cardiac Surgery this Hospitalization: Fontan Procedure*
366	EVNT_HOS_CON_CAR_SUR_ART_SWCH	Num	8	*Congenital Cardiac Surgery this Hospitalization: Transposition of the Great Vessels Repair (Arterial switch operation)*
367	EVNT_HOS_CON_CAR_SUR_SEN_MSTRD	Num	8	*Congenital Cardiac Surgery this Hospitalization: Transposition of the Great Vessels Repair (Senning/Mustard)*

Num	Variable	Type	Len	Label
368	EVNT_HOS_CON_CAR_SUR_AP_SHU	Num	8	*#Congenital Cardiac Surgery this Hospitalization: AP Shunt#*
369	EVNT_HOS_CON_CAR_SUR_ASD	Num	8	*#Congenital Cardiac Surgery this Hospitalization: ASD Repair#*
370	EVNT_HOS_CON_CAR_SUR_SEP_DEFCT	Num	8	*Congenital Cardiac Surgery this Hospitalization: Complete AV Septal Defect Repair*
371	EVNT_HOS_CON_CAR_SUR_OTHER	Num	8	*Congenital Cardiac Surgery this Hospitalization: Other, Specify*
372	EVNT_HOS_CON_CAR_SUR_TRUNCUS	Num	8	*Congenital Cardiac Surgery this Hospitalization: Truncus Arteriosus Repair*
373	EVNT_HOS_CON_CAR_SUR_HYBRID	Num	8	*Congenital Cardiac Surgery this Hospitalization (Hybrid Repair)*
374	EVNT_HOS_CON_CAR_SUR_DKS	Num	8	*#Congenital Cardiac Surgery this Hospitalization: Damus Kaye Stansel#*
375	NUM_HR_FAIL_HOSP	Num	8	Number Heart Failure Hospitalizations in Last Year
376	PRI_CLIN_MAN	Num	8	Primary Reason: Clinical Manifestation of Heart Failure
377	PRI_CLIN_MAN_DEC_NU_EMES	Num	8	*Primary: Decline in Nutrition / Feeding Intolerance (Emesis or Inadequate Calories (<70% prescribed) Requiring Enteral Feeding Tube Placement)*
378	PRI_CLIN_MAN_DEC_NU_RECUR_EMES	Num	8	*Primary: Decline in Nutrition / Feeding Intolerance (Recurrent Emesis with Adequate Caloric Intake Despite Feeding Tube Placement)*
379	PRI_CLIN_MAN_DEC_NU_INAD_CAL	Num	8	*Primary: Decline in Nutrition / Feeding Intolerance (Inadequate Caloric Intake (with or without emesis) Despite Feeding Tube Placement)*
380	PRI_CLIN_MAN_DEC_NU_PARENT	Num	8	*Primary: Decline in Nutrition / Feeding Intolerance (Requiring Parental (IV) Nutrition)*
381	SEC_CLIN_MAN_RENAL	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Decline in Renal Function)*
382	SEC_CLIN_MAN_HEPATIC	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Decline in Hepatic Function)*
383	SEC_CLIN_MAN_RESP	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Decline in Respiratory Function)*
384	SEC_CLIN_MAN_FLUID	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Refractory Fluid Retention / Volume Overload)*
385	SEC_CLIN_MAN_CARDIAC	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Decline in Cardiac Output (by exam, mixed venous saturation, or cath) Prior to Onset of Worsening Acidosis / Lactate)*
386	SEC_CLIN_MAN_SINUS	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Incessant Severe Sinus Tachycardia)*
387	SEC_CLIN_MAN_TACH_ARRH	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Worsening Tachyarrhythmia)*
388	SEC_CLIN_MAN_OTHER	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Other, Please Specify)*
389	SEC_CLIN_MAN_NO_REPORT	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Not Reported)*
390	SEC_CLIN_MAN_NUTRITION	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Decline in Nutrition / Feeding Intolerance, if so check all that apply)*

Num	Variable	Type	Len	Label
391	SEC_CLIN_MAN_DEC_NU_EMES	Num	8	*Secondary: Decline in Nutrition / Feeding Intolerance (Emesis or Inadequate Calories (<70% prescribed) Requiring Enteral Feeding Tube Placement)*
392	SEC_CLIN_MAN_DEC_NU_RECUR_EMES	Num	8	*Secondary: Decline in Nutrition / Feeding Intolerance (Recurrent Emesis with Adequate Caloric Intake Despite Feeding Tube Placement)*
393	SEC_CLIN_MAN_DEC_NU_INAD_CAL	Num	8	*Secondary: Decline in Nutrition / Feeding Intolerance (Inadequate Caloric Intake (with or without emesis) Despite Feeding Tube Placement)*
394	SEC_CLIN_MAN_DEC_NU_PARENT	Num	8	*Secondary: Decline in Nutrition / Feeding Intolerance (Requiring Parental (IV) Nutrition)*
395	TREAT_HR_FAIL	Char	1	Treated for Heart Failure Prior to Admission
396	HX_MCSD	Num	8	History of MCSD (1,0) - DV
397	GENDER	Char	1	Gender
398	ETHNICITY	Char	1	Ethnicity
399	RACE_AM_IND	Num	8	*Race (American Indian or Alaska Native)*
400	RACE_ASIAN	Num	8	*Race (Asian)*
401	RACE_AF_AMER	Num	8	*Race (African - American or Black)*
402	RACE_PAC_ISLAND	Num	8	*Race (Hawaiian or Other Pacific Islander)*
403	RACE_WHITE	Num	8	*Race (White)*
404	RACE_UNKNOWN	Num	8	*Race (Unknown/Undisclosed)*
405	RACE_OTHER	Num	8	*Race (Other/None of the Above)*
406	PX_STAT	Char	1	Patient Status
407	VAD_STUDY	Char	1	VAD Study
408	VAD_STUDY_INDUSTRY	Char	1	Industry Sponsored Post Approval Study
409	VAD_INDICATION	Num	8	VAD Indication
410	DEVICE_TY	Num	8	Device Type
411	LVAD_CAN_INFLOW	Num	8	LVAD Cannulae Inflow
412	LVAD_CAN_OUTFLOW	Num	8	LVAD Cannulae Outflow
413	RVAD_CAN_INFLOW	Num	8	RVAD Cannulae Inflow
414	RVAD_CAN_OUTFLOW	Num	8	RVAD Cannulae Outflow
415	CONCOM_SURG_NONE	Num	8	*Concomitant Surgery (None)*
416	CONCOM_SURG_ASD_CLOSE	Num	8	*Concomitant Surgery (ASD Closure)*
417	CONCOM_SURG_PFO_CLOSE	Num	8	*Concomitant Surgery (PFO Closure)*
418	CONCOM_SURG_RVAD_IMPLANT	Num	8	*#Concomitant Surgery: RVAD Implant#*
419	CONCOM_SURG_RVAD_EXPLANT	Num	8	*#Concomitant Surgery: RVAExplant#*
420	CONCOM_SURG_ECMO_DECANN	Num	8	*Concomitant Surgery (ECMO Decannulation)*
421	CONCOM_SURG_CABG	Num	8	*Concomitant Surgery (CABG)*
422	CONCOM_SURG_VSD_CLOSE	Num	8	*Concomitant Surgery (VSD Closure)*
423	CONCOM_SURG_IABP	Num	8	*#Concomitant Surgery: IABP#*
424	CONCOM_SURG_CONG_CARD_SURG	Num	8	*Concomitant Surgery (Congenital Cardiac Surgery, Other)*

Num	Variable	Type	Len	Label
425	CONCOM_SURG_AV_S_NC	Num	8	*#Concomitant Surgery: Aortic Valve Surgery: Repair (No Valve Closure)#*
426	CONCOM_SURG_AV_S_C	Num	8	*#Concomitant Surgery: Aortic Valve Surgery: Repair (Valve Closure)#*
427	CONCOM_SURG_AV_S_REP_BIO	Num	8	*Concomitant Surgery (Valve Surgery Aortic Replacement Biological)*
428	CONCOM_SURG_AV_S_REP_MECH	Num	8	*Concomitant Surgery (Valve Surgery Aortic Replacement Mechanical)*
429	CONCOM_SURG_MVS_REPAIR	Num	8	*Concomitant Surgery (Valve Surgery Mitral Repair)*
430	CONCOM_SURG_MVS_REP_BIO	Num	8	*Concomitant Surgery (Valve Surgery Mitral Replacement Biological)*
431	CONCOM_SURG_MVS_REP_MECH	Num	8	*Concomitant Surgery (Valve Surgery Mitral Replacement Mechanical)*
432	CONCOM_SURG_TVS_R_DEVEGA	Num	8	*#Concomitant Surgery: Tricuspid Valve Surgery: Repair (DeVega)#*
433	CONCOM_SURG_TVS_R_RING	Num	8	*#Concomitant Surgery: Tricuspid Valve Surgery: Repair (Ring)#*
434	CONCOM_SURG_TVS_R_OTHER	Num	8	*#Concomitant Surgery: Tricuspid Valve Surgery: Repair (Other)#*
435	CONCOM_SURG_TVS_REP_BIO	Num	8	*Concomitant Surgery (Valve Surgery Tricuspid Replacement Biological)*
436	CONCOM_SURG_TVS_REP_MECH	Num	8	*Concomitant Surgery (Valve Surgery Tricuspid Replacement Mechanical)*
437	CONCOM_SURG_PVS_REPAIR	Num	8	*Concomitant Surgery (Valve Surgery Pulmonary Repair)*
438	CONCOM_SURG_PVS_REP_BIO	Num	8	*Concomitant Surgery (Valve Surgery Pulmonary Replacement Biological)*
439	CONCOM_SURG_PVS_REP_MECH	Num	8	*Concomitant Surgery (Valve Surgery Pulmonary Replacement Mechanical)*
440	CONCOM_SURG_OTHER	Num	8	*Concomitant Surgery (Other Specify)*
441	CONCOM_SURG_AORTIC_REPAIR	Num	8	Concomitant Surgery: Aortic Repair
442	CPB_TIME	Num	8	CPB Time (min)
443	CPB_TIME_I	Char	1	CPB Time Incomplete
444	ASSOC_FINDINGS_PFO_ASD	Num	8	*Associated Findings (PFO/ASD)*
445	ASSOC_FINDINGS_AORT_INSUF	Num	8	*Associated Findings (Aortic Insufficiency)*
446	ASSOC_FINDINGS_TRIC_INSUF	Num	8	*Associated Findings (Tricuspid Insufficiency)*
447	ASSOC_FINDINGS_MECH_VALV	Num	8	*Associated Findings (Mechanical Valve)*
448	ASSOC_FINDINGS_NONE	Num	8	*Associated Findings (None)*
449	AORTIC_INSUFFICIENCY	Num	8	Aortic Insufficiency
450	TRICUSPID_INSUFFICIENCY	Num	8	Tricuspid Insufficiency
451	SURGICAL_APPROACH	Num	8	Surgical Approach
452	SURGERY_TIME	Num	8	#Primary Incision to Closure Time (min)#
453	SURGERY_TIME_I	Char	1	#Primary Incision to Closure Time Incomplete#
454	LVAD_CAN_INFLOW_SIZE	Num	8	LVAD Cannulae Inflow Size

Num	Variable	Type	Len	Label
455	LVAD_CAN_INFLOW_SIZE_I	Char	1	LVAD Cannulae Inflow Size Incomplete
456	LVAD_CAN_OUTFLOW_SIZE	Num	8	LVAD Cannulae Outflow Size
457	LVAD_CAN_OUTFLOW_SIZE_I	Char	1	LVAD Cannulae Outflow Size Incomplete
458	LVAD_PUMP_SIZE	Num	8	LVAD Pump Size
459	RVAD_CAN_INFLOW_SIZE	Num	8	RVAD Cannulae Inflow Size
460	RVAD_CAN_INFLOW_SIZE_I	Char	1	RVAD Cannulae Inflow Size Incomplete
461	RVAD_CAN_OUTFLOW_SIZE	Num	8	RVAD Cannulae Outflow Size
462	RVAD_CAN_OUTFLOW_SIZE_I	Char	1	RVAD Cannulae Outflow Size Incomplete
463	RVAD_PUMP_SIZE	Num	8	RVAD Pump Size
464	CLAMP_TIME	Num	8	Cross Clamp Time (min)
465	CLAMP_TIME_I	Char	1	Cross Clamp Time Incomplete
466	CIRC_ARREST	Char	1	Circulatory Arrest Required
467	CIRC_ARREST_MIN	Num	8	Circulatory Arrest Required: Minutes
468	CIRC_ARREST_MIN_I	Char	1	Circulatory Arrest Required: Minutes Incomplete
469	IMPLANT_OVERVIEW_STATUS	Char	1	Implant Overview Status
470	MECH_VALVE	Num	8	Associated Findings: Mechanical Valve
471	CLAMP_USED	Char	1	#Clamp Used#
472	CPB_USED	Char	1	#CPB Used#
473	LV_DURABLE	Num	8	LV Durability - DV
474	LV_CONT	Num	8	Left ventricle - continuous flow (1,0) - DV
475	LV_CENTRIFUGAL	Num	8	LV Continuous Centrifugal=1 Axial=0 - DV
476	LV_SURG	Num	8	Left ventricle - Intracorporeal=1 Paracorporeal=0 - DV
477	RV_CONT	Num	8	Right ventricle - continuous flow (1,0) - DV
478	RV_DURABLE	Num	8	Right ventricle - Durable=1 Temporary=0 - DV
479	RV_CENTRIFUGAL	Num	8	RV Continuous Centrifugal=1 Axial=0 - BDV
480	RV_SURG	Num	8	Right ventricle - Intracorporeal=1 Paracorporeal=0 - DV
481	DISCHARGE_TO	Num	8	Discharge To
482	ACUTE_CARE	Num	8	Acute Care
483	ACUTE_CARE_I	Char	1	Acute Care Incomplete
484	IMMEDIATE_CARE	Num	8	Immediate Care
485	IMMEDIATE_CARE_I	Char	1	Immediate Care Incomplete
486	DISCONTINUE_INOTROPES	Num	8	Discontinue Inotropes
487	DISCHARGE_STATUS	Num	8	Discharge Status
488	DIS_INT_TRANSPLANT	Num	8	*#Intervention Since Implant: Transplant#*
489	DIS_INT_INV_CARD_PROC	Num	8	*#Intervention Since Implant: Invasive Cardiac Procedure (not Heart Cath)#*
490	DIS_INT_UNKNOWN	Num	8	*#Intervention Since Implant: Unknown#*
491	DIS_INT_NONE	Num	8	*#Intervention Since Implant: None#*

Num	Variable	Type	Len	Label
492	DIS_INT_SURG_PROC_DEV	Num	8	*#Intervention Since Implant: Surgical Procedures: Device Related Operation#*
493	DIS_INT_SURG_PROC_NC	Num	8	*#Intervention Since Implant: Surgical Procedures: Non Cardiac Surgical Procedure#*
494	DIS_INT_SURG_PROC_OTHER	Num	8	*#Intervention Since Implant: Surgical Procedures: Other Procedure#*
495	DIS_INT_SURG_PROC_UNKNOWN	Num	8	*#Intervention Since Implant: Surgical Procedures: Unknown#*
496	DIS_INT_BLEED_GT_48	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: Reoperation for Bleeding/Tamponade > 48 Hours#*
497	DIS_INT_BLEED_LE_48	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: Reoperation for Bleeding Within 48 Hours of Implant#*
498	DIS_INT_DRAINAGE	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: Surgical Drainage or Pericardial Effusion#*
499	DIS_INT_AVS_REPAIR_NC	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: AV Surgery - Repair (No Valve Closure)#*
500	DIS_INT_AVS_REPAIR_WC	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: AV Surgery - Repair with Valve Closure#*
501	DIS_INT_AVS_REPLACE_BIO	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: AV Surgery - Replacement - Biological#*
502	DIS_INT_AVS_REPLACE_MECH	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: AV Surgery - Replacement - Mechanical#*
503	DIS_INT_MVS_REPAIR	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: MV Surgery - Repair#*
504	DIS_INT_MVS_REPLACE_BIO	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: MV Surgery - Replacement - Biological#*
505	DIS_INT_MVS_REPLACE_MECH	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: MV Surgery - Replacement - Mechanical#*
506	DIS_INT_TVS_REPAIR_DEVEGA	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: TV Surgery - Repair - DeVega#*
507	DIS_INT_TVS_REPAIR_OTHER	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: TV Surgery - Repair - Other#*
508	DIS_INT_TVS_REPAIR_RING	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: TV Surgery - Repair - Ring#*
509	DIS_INT_TVS_REPLACE_BIO	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: TV Surgery - Replacement - Biological#*
510	DIS_INT_TVS_REPLACE_MECH	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: TV Surgery - Replacement - Mechanical#*
511	DIS_INT_PVS_REPAIR	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: PV Surgery - Repair#*
512	DIS_INT_PVS_REPLACE_BIO	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: PV Surgery - Replacement - Biological#*
513	DIS_INT_PVS_REPLACE_MECH	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: PV Surgery - Replacement - Mechanical#*
514	DIS_INT_CARD_OTHER	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: Other Cardiac Surgical Procedure#*
515	DIS_INT_CARD_UNKNOWN	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: Unknown#*

Num	Variable	Type	Len	Label
516	DIS_INT_REINTUBATION	Num	8	*#Intervention Since Implant: Other Procedures: Reintubation Due to Respiratory Failure#*
517	DIS_INT_DIALYSIS	Num	8	*#Intervention Since Implant: Other Procedures: Dialysis#*
518	DIS_INT_BRONCHOSCOPY	Num	8	*#Intervention Since Implant: Other Procedures: Bronchoscopy#*
519	DIS_INT_OTHER	Num	8	*#Intervention Since Implant: Other Procedures: Other#*
520	PBRC	Num	8	PBRC
521	PBRC_I	Char	1	PBRC Incomplete
522	EXTUBATION	Num	8	Extubation Date
523	TRANSFUSION	Char	1	Transfusion
524	INTV_HR_CATH_CARD_OUTPUT	Num	8	Interventions Since Implant: Heart Cath: Cardiac Output
525	INTV_HR_CATH_CARD_OUTPUT_I	Char	1	Interventions Since Implant: Heart Cath: Cardiac Output Incomplete
526	INTV_HR_CATH_CVP_PA_DIA	Num	8	Interventions Since Implant: Heart Cath: PA Diastolic
527	INTV_HR_CATH_CVP_PA_DIA_I	Char	1	Interventions Since Implant: Heart Cath: PA Diastolic Incomplete
528	INTV_HR_CATH_CVP_PA_SYS	Num	8	Interventions Since Implant: Heart Cath: PA Systolic
529	INTV_HR_CATH_CVP_PA_SYS_I	Char	1	Interventions Since Implant: Heart Cath: PA Systolic Incomplete
530	INTV_HR_CATH_CVP_PCW	Num	8	Interventions Since Implant: Heart Cath: PCW Pressure
531	INTV_HR_CATH_CVP_PCW_I	Char	1	Interventions Since Implant: Heart Cath: PCW Pressure Incomplete
532	PEDS_PATIENT_REPORT_ID	Num	8	PediMACS Patient Report ID
533	DEVICE_FUNC_NORM	Char	1	Device Function Normal
534	DEATH_LOCATION	Num	8	Death Location
535	DEATH_DEVICE_EXPLANT	Char	1	Device Explanted at Death
536	DEVICE_TO_MANUF	Char	1	Device Returned to Manufacturer
537	PRIMARY_COD	Num	8	Primary Cause of Death
538	PRIMARY_COD_CANCER	Num	8	Primary Cause of Death Cancer
539	DEVICE_MAL_OPER	Char	1	#Operation Associated with the Device Malfunction#
540	EXPLANT_DEVICE_TY	Num	8	Explanted Device Type
541	EXPLANT_REASON	Num	8	Explant Reason
542	EXCH_NEW_STUDY	Char	1	#Exchanged - Device Part of an FDA IDE Trial#
543	EXPLANT_EXCH_DEV_MAL_ELEC	Num	8	*\$Explant Reason - Exchange (Device Malfunction: Elective)\$*
544	EXPLANT_EXCH_DEV_MAL_EMER	Num	8	*\$Explant Reason - Exchange (Device Malfunction: Emergent)\$*
545	EXPLANT_EXCH_DEV_THR_ELEC	Num	8	*\$Explant Reason - Exchange (Device Thrombosis: Elective)\$*
546	EXPLANT_EXCH_DEV_THR_EMER	Num	8	*\$Explant Reason - Exchange (Device Thrombosis: Emergent)\$*
547	EXPLANT_EXCH_INFECT_ELEC	Num	8	*\$Explant Reason - Exchange (Infection: Elective)\$*
548	EXPLANT_EXCH_INFECT_EMER	Num	8	*\$Explant Reason - Exchange (Infection: Emergent)\$*
549	EXPLANT_EXCH_OTHER	Num	8	*\$Explant Reason - Exchange (Other)\$*
550	EXPLANT_NO_NEW_RECOVER	Num	8	*\$Explant Reason - No New Device (Recovery)\$*
551	EXPLANT_NO_NEW_WOS	Num	8	*\$Explant Reason - No New Device (Withdrawal of Support)\$*



Num	Variable	Type	Len	Label
552	EXPLANT_NO_NEW_DEV_MAL_ELEC	Num	8	*\$Explant Reason - No New Device (Device Malfunction: Elective)\$*
553	EXPLANT_NO_NEW_DEV_MAL_EMER	Num	8	*\$Explant Reason - No New Device (Device Malfunction: Emergent)\$*
554	EXPLANT_NO_NEW_DEV_THR_ELEC	Num	8	*\$Explant Reason - No New Device (Device Thrombosis - Elective)\$*
555	EXPLANT_NO_NEW_DEV_THR_EMER	Num	8	*\$Explant Reason - No New Device (Device Thrombosis - Emergent)\$*
556	EXPLANT_NO_NEW_INFECT_ELEC	Num	8	*\$Explant Reason - No New Device (Infection: Elective)\$*
557	EXPLANT_NO_NEW_INFECT_EMER	Num	8	*\$Explant Reason - No New Device (Infection: Emergent)\$*
558	EXPLANT_NO_NEW_OTHER	Num	8	*\$Explant Reason - No New Device (Other)\$*
559	EXPLANT_TRN_OFF_RECOVER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Recovery)\$*
560	EXPLANT_TRN_OFF_WOS	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Withdrawal of Support)\$*
561	EXPLANT_TRN_OFF_DEV_MAL_ELEC	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Device Malfunction: Elective)\$*
562	EXPLANT_TRN_OFF_DEV_MAL_EMER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Device Malfunction: Emergent)\$*
563	EXPLANT_TRN_OFF_DEV_THR_ELEC	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Device Thrombosis - Elective)\$*
564	EXPLANT_TRN_OFF_DEV_THR_EMER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Device Thrombosis - Emergent)\$*
565	EXPLANT_TRN_OFF_INFECT_ELEC	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Infection: Elective)\$*
566	EXPLANT_TRN_OFF_INFECT_EMER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Infection: Emergent)\$*
567	EXPLANT_TRN_OFF_OTHER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Other)\$*
568	EXPLANT_DEATH_THROM	Char	1	\$Explant Reason - Death: Pump Thrombosis\$
569	EXPLANT_TXPL_THROM	Char	1	\$Explant Reason - Transplant: Pump Thrombosis\$
570	DEAD	Num	8	Dead indicator (1=Dead/0=NotDead) - BDV
571	TXPL	Num	8	Transplant indicator (1=Txpl/0=NoTxpl) -BDV
572	REC	Num	8	Explant for Recovery indicator (1=Rec/0=NoRec) - BDV
573	EXPL	Num	8	Explant indicator (1=Expl/0=NoExpl) - BDV
574	INT_TXPL	Num	8	Interval from implant to transplant (mths)- DV
575	INT_DEAD	Num	8	Interval from implant to death (mths) - DV
576	INT_REC	Num	8	Interval from implant to explant due to recovery (mths) - DV
577	INT_EXPL	Num	8	Interval from implant to explant (if explant date is not missing) (mths) - BDV
578	LOS	Num	8	Length of stay from implant to discharge (mths) - BDV
579	MED_PRE_IMP_LOOP_DIURETICS	Char	1	Loop Diuretics
580	MED_PRE_IMP_CRT	Char	1	Cardiac Resynchronization Therapy
581	MED_PRE_IMP_DIURETICTYPE_FUROS	Num	8	*Diuretic Type (Furosemide)*
582	MED_PRE_IMP_DIURETICTYPE_TORSE	Num	8	*Diuretic Type (Torsemide)*

Num	Variable	Type	Len	Label
583	MED_PRE_IMP_DIURETICTYPE BUMET	Num	8	*Diuretic Type (Bumetanide)*
584	MED_PRE_IMP_DIURETICTYPE_OTHER	Num	8	*Diuretic Type (Other)*
585	MED_PRE_IMP_LD_DOSE_MG	Num	8	Loop Diuretic Dose (mg)
586	MED_PRE_IMP_LD_DOSE_MG_I	Char	1	Loop Diuretic Dose Incomplete
587	BUN_I	Char	1	BUN Incomplete
588	CREAT_I	Char	1	Creatinine Incomplete
589	BILI_TOTAL_I	Char	1	Bilirubin Total Incomplete
590	BILI_DIRECT_MG_DL	Num	8	Bilirubin Direct (mg/dL)
591	BILI_DIRECT_UMOL_L	Num	8	Bilirubin Direct (umol/L)
592	BILI_DIRECT_I	Char	10	Bilirubin Direct Incomplete
593	BILI_INDIRECT_MG_DL	Num	8	Bilirubin Indirect (mg/dL)
594	BILI_INDIRECT_UMOL_L	Num	8	Bilirubin Indirect (umol/L)
595	BILI_INDIRECT_I	Char	1	Bilirubin Indirect Incomplete
596	SODIUM_I	Char	1	Sodium Incomplete
597	INR_I	Char	1	INR Incomplete
598	WBC_I	Char	1	White Blood Cell Count Incomplete
599	PLATELET_I	Char	1	Platelets Incomplete
600	SGOT_AST_I	Char	1	Aspartate Aminotransferase/AST Incomplete
601	SGPT_ALT_I	Char	1	Alanine Aminotransferase/ALT Incomplete
602	CHOLESTEROL_I	Char	1	Cholesterol Incomplete
603	CRP_I	Char	1	CRP Incomplete
604	POTASSIUM_I	Char	1	Potassium Incomplete
605	HEMOGLOBIN_I	Char	1	Hemoglobin Incomplete
606	RETICULOCYTE	Num	8	Reticulocyte
607	RETICULOCYTE_I	Char	1	Reticulocyte Incomplete
608	PLASMA_FREE_HEMO_MG_DL	Num	8	Plasma-free Hemoglobin (mg/dL)
609	PLASMA_FREE_HEMO_G_L	Num	8	Plasma-free Hemoglobin (g/L)
610	PLASMA_FREE_HEMO_I	Char	1	Plasma-free Hemoglobin Incomplete
611	HIT	Char	1	HIT
612	THROMBIN_INHIB	Char	1	Thrombin Inhibitors
613	THROMBIN_INHIB_DRUG_ASPIRIN	Num	8	*Thrombin Inhibitors: Drug (Aspirin)*
614	THROMBIN_INHIB_DRUG_DIPYRID	Num	8	*Thrombin Inhibitors: Drug (Dipyridamole)*
615	THROMBIN_INHIB_DRUG_PLAVIX	Num	8	*Thrombin Inhibitors: Drug (Plavix)*
616	THROMBIN_INHIB_DRUG_HEPARIN	Num	8	*Thrombin Inhibitors: Drug (Heparin)*
617	THROMBIN_INHIB_DRUG_COUMAD	Num	8	*Thrombin Inhibitors: Drug (Coumadin)*
618	THROMBIN_INHIB_DRUG_DIRECT	Num	8	*Thrombin Inhibitors: Drug (Direct Thrombin Inhibitors (ex. arg, lip, val...))*
619	LDH_I	Char	1	LDH Incomplete
620	TEG_MAK	Num	8	ThromElastoGraph MA k

Num	Variable	Type	Len	Label
621	TEG_MAK_I	Char	1	ThromElastoGraph MA k Incomplete
622	TEG_RK	Num	8	ThromElastoGraph R k
623	TEG_RK_I	Char	1	ThromElastoGraph R k Incomplete
624	TEG_RH	Num	8	ThromElastoGraph R h
625	TEG_RH_I	Char	1	ThromElastoGraph R h Incomplete
626	PRE_ALBUMIN_I	Char	1	Pre-albumin Incomplete
627	ALBUMIN_I	Char	1	Albumin Incomplete
628	BNP_I	Char	1	Brain Natriuretic Peptide Incomplete
629	PRO_BNP_I	Char	1	Pro Brain Natriuretic Peptide Incomplete
630	TEG_PARENT	Char	1	#TEG Done#
631	HEMO_A1C_PERCENT	Num	8	\$Hemoglobin A1C (%)\$
632	HEMO_A1C_MMOL_MOL	Num	8	\$Hemoglobin A1C (mmol/mol)\$
633	HEMO_EAG_MG_DL	Num	8	\$Estimated Average Glucose (mg/dL)\$
634	HEMO_EAG_MMOL_L	Num	8	\$Estimated Average Glucose (mmol/L)\$
635	HEMO_A1C_I	Char	1	\$Hemoglobin A1C Incomplete\$
636	SYS_BP	Num	8	#Systolic Blood Pressure#
637	SYS_BP_I	Char	1	#Systolic Blood Pressure Incomplete#
638	DIA_BP	Num	8	#Diastolic Blood Pressure#
639	DIA_BP_I	Char	1	#Diastolic Blood Pressure Incomplete#
640	GH_WGT_KG	Num	8	General Hemodynamics Weight (kg)
641	GH_WGT_LBS	Num	8	General Hemodynamics Weight (lbs)
642	MAP	Num	8	#Mean Arterial Blood Pressure#
643	MAP_I	Char	1	#Mean Arterial Blood Pressure Incomplete#
644	GH_WGT_KG_I	Char	1	General Hemodynamics Weight (kg) Incomplete
645	GH_HGT_CM	Num	8	General Hemodynamics Height (cm)
646	GH_HGT_CM_I	Char	1	General Hemodynamics Height (cm) Incomplete
647	GH_HGT_IN	Num	8	General Hemodynamics Height (in)
648	LVEDD_I	Char	1	LVEDD Incomplete
649	LVSF	Num	8	LVSF
650	SYS_AV_REGURG	Num	8	Sys AV Regurgitation
651	RIGHT_AV_REGURG	Num	8	Right AV Regurgitation
652	THROMBUS	Char	1	Thrombus
653	THROMBUS_APPLY_RA	Num	8	*Thrombus Apply (RA - Right Atrium)*
654	THROMBUS_APPLY_RV	Num	8	*Thrombus Apply (RV - Right Ventricle)*
655	THROMBUS_APPLY_LA	Num	8	*Thrombus Apply (LA - Left Atrium)*
656	THROMBUS_APPLY_SVC	Num	8	*Thrombus Apply (SVC - Superior Vena Cava)*
657	THROMBUS_APPLY_IVC	Num	8	*Thrombus Apply (IVC - Inferior Vena Cava)*
658	THROMBUS_APPLY_UNKNOWN	Num	8	*Thrombus Apply (Unknown)*
659	THROMBUS_APPLY_LV	Num	8	*#Thrombus Apply (LV - Left Ventricle)#*

Num	Variable	Type	Len	Label
660	CARDIAC_INDEX_I	Char	1	Cardiac Index Incomplete
661	CV_PRES_I	Char	1	Central Venous Pressure Incomplete
662	HR_RATE_I	Char	1	Heart Rate Incomplete
663	PUL_SYS_PRES_I	Char	1	Pulmonary Artery Systolic Pressure Incomplete
664	PUL_DIA_PRES_I	Char	1	Pulmonary Artery Diastolic Pressure Incomplete
665	RA_PRES_I	Char	1	Mean RA Pressure Incomplete
666	PVR	Num	8	Pulmonary Vascular Resistance (wood units)
667	PVR_I	Char	1	Pulmonary Vascular Resistance Incomplete
668	PUL_WEDGE_PRES_I	Char	1	Pulmonary Artery Wedge Pressure Incomplete
669	CI_FICK_THERM_YN	Char	1	#CI Done via Fick or Thermodilution#
670	CI_FICK	Num	8	*#CI Done via Fick#*
671	CI_THERM	Num	8	*#CI Done via Thermodilution#*
672	GAITSPEED	Num	8	Gait Speed (sec)
673	GAITSPEED_I	Char	1	Gait Speed Incomplete
674	GAITSPEED_FT_SEC	Num	8	Gait Speed (Feet/Sec) - DV
675	GAITSPEED_M_SEC	Num	8	Gait Speed (Meters/Sec) - DV
676	NYHA	Num	8	NYHA Class
677	REHOSPITALIZED	Char	1	Rehospitalized
678	ROSS_CLASS_HR_FAIL	Num	8	Ross Class Heart Failure Patient
679	ROSS_CLASS_II_MLD_TACHY	Num	8	*Ross Class II (Mild Tachypnea with Feeds in Infant)*
680	ROSS_CLASS_II_MLD_DIAPH	Num	8	*Ross Class II (Mild Diaphoresis with Feeds in Infant)*
681	ROSS_CLASS_II_DYSPNEA	Num	8	*Ross Class II (Dyspnea on Exercise in Older Children)*
682	ROSS_CLASS_II_UNKNOWN	Num	8	*Ross Class II (Unknown)*
683	ROSS_CLASS_III_MRK_TACHY	Num	8	*Ross Class III (Marked Tachypnea with Exertion or with Feeding)*
684	ROSS_CLASS_III_MRK_DIAPH	Num	8	*Ross Class III (Marked Diaphoresis with Exertion or with Feeding)*
685	ROSS_CLASS_III_UNKNOWN	Num	8	*Ross Class III (Unknown)*
686	ROSS_CLASS_IV_TACHY	Num	8	*Ross Class IV (Tachypnea)*
687	ROSS_CLASS_IV_RETRACT	Num	8	*Ross Class IV (Retractions)*
688	ROSS_CLASS_IV_GRUNT	Num	8	*Ross Class IV (Grunting)*
689	ROSS_CLASS_IV_DIAPH	Num	8	*Ross Class IV (Diaphoresis)*
690	ROSS_CLASS_IV_UNKNOWN	Num	8	*Ross Class IV (Unknown)*
691	SEDATED	Char	1	Sedated
692	PARALYZED	Char	1	Paralyzed
693	INTUBATED	Char	1	Intubated
694	AMBULATING	Char	1	Ambulating
695	PRIMARY_NUTR	Num	8	Primary Nutrition
696	CONCSURG	Num	8	Concomitant Surgery (1,0)

Num	Variable	Type	Len	Label
697	WGT_G	Num	8	Weight(g)
698	VOLUME_2014	Num	8	# implants for site for implant year 2014
699	VOLUME_2015	Num	8	# implants for site for implant year 2015
700	VOLUME_2016	Num	8	# implants for site for implant year 2016
701	DEV_COUNTER	Num	8	device # in PEDIMACS
702	IMPL_YR	Num	8	Implant Year
703	QRTR	Num	8	Quarter of Implant
704	LV_PULS	Num	8	Pulsatile: 1-pulsatile 0-continuous flow - DV
705	LV_FLOW	Char	17	Continuous flow or pulsatile - DV
706	OPER_ID	Num	8	Operation ID
707	INTOP1TO	Num	8	Interval from First Device to this Implant (months) - BDV
708	AGE_GRP	Char	8	Age Group
709	AGE_DEIDENT	Num	8	Age at Implant (Rounded to Nearest Integer) - BDV
710	AGE_DEIDENT_LT1	Num	8	Age at Implant De-Identified < 1yr (1,0) - BDV
711	PEDS_PUBLIC_ID	Char	17	Public PediMACS patient ID

**Data Set Name: events.sas7bdat**

Num	Variable	Type	Len	Label
1	ACT_FLG	Num	8	Site Activation flag (0=pre/1=post) - DV
2	PEDS_PATIENT_REPORT_ID	Num	8	PediMACS Patient Report ID
3	DEATH	Char	1	Patient Death
4	RECOVERY_WEAN_FOLLOW	Num	8	Recovery Wean Follow
5	TX_LISTING	Char	1	Transplant Listing
6	DEVICE_FUNC_NORM	Char	1	Device Function Normal
7	DEATH_LOCATION	Num	8	Death Location
8	DEATH_DEVICE_EXPLANT	Char	1	Device Explanted at Death
9	DEVICE_TO_MANUF	Char	1	Device Returned to Manufacturer
10	PRIMARY_COD	Num	8	Primary Cause of Death
11	PRIMARY_COD_CANCER	Num	8	Primary Cause of Death Cancer
12	DEVICE_MAL_OPER	Char	1	#Operation Associated with the Device Malfunction#
13	EXPLANT	Char	1	Explant
14	EXPLANT_DEVICE_TY	Num	8	Explanted Device Type
15	EXPLANT_REASON	Num	8	Explant Reason
16	EXCH_NEW_STUDY	Char	1	#Exchanged - Device Part of an FDA IDE Trial#
17	EXPLANT_EXCH_DEV_MAL_ELEC	Num	8	*\$Explant Reason - Exchange (Device Malfunction: Elective)*\$*
18	EXPLANT_EXCH_DEV_MAL_EMER	Num	8	*\$Explant Reason - Exchange (Device Malfunction: Emergent)*\$*
19	EXPLANT_EXCH_DEV_THR_ELEC	Num	8	*\$Explant Reason - Exchange (Device Thrombosis: Elective)*\$*
20	EXPLANT_EXCH_DEV_THR_EMER	Num	8	*\$Explant Reason - Exchange (Device Thrombosis: Emergent)*\$*
21	EXPLANT_EXCH_INFECT_ELEC	Num	8	*\$Explant Reason - Exchange (Infection: Elective)*\$*
22	EXPLANT_EXCH_INFECT_EMER	Num	8	*\$Explant Reason - Exchange (Infection: Emergent)*\$*
23	EXPLANT_EXCH_OTHER	Num	8	*\$Explant Reason - Exchange (Other)*\$*
24	EXPLANT_NO_NEW_RECOVER	Num	8	*\$Explant Reason - No New Device (Recovery)*\$*
25	EXPLANT_NO_NEW_WOS	Num	8	*\$Explant Reason - No New Device (Withdrawal of Support)*\$*
26	EXPLANT_NO_NEW_DEV_MAL_ELEC	Num	8	*\$Explant Reason - No New Device (Device Malfunction: Elective)*\$*
27	EXPLANT_NO_NEW_DEV_MAL_EMER	Num	8	*\$Explant Reason - No New Device (Device Malfunction: Emergent)*\$*
28	EXPLANT_NO_NEW_DEV_THR_ELEC	Num	8	*\$Explant Reason - No New Device (Device Thrombosis - Elective)*\$*
29	EXPLANT_NO_NEW_DEV_THR_EMER	Num	8	*\$Explant Reason - No New Device (Device Thrombosis - Emergent)*\$*
30	EXPLANT_NO_NEW_INFECT_ELEC	Num	8	*\$Explant Reason - No New Device (Infection: Elective)*\$*
31	EXPLANT_NO_NEW_INFECT_EMER	Num	8	*\$Explant Reason - No New Device (Infection: Emergent)*\$*
32	EXPLANT_NO_NEW_OTHER	Num	8	*\$Explant Reason - No New Device (Other)*\$*

Num	Variable	Type	Len	Label
33	EXPLANT_TRN_OFF_RECOVER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Recovery)\$*
34	EXPLANT_TRN_OFF_WOS	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Withdrawal of Support)\$*
35	EXPLANT_TRN_OFF_DEV_MAL_ELEC	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Device Malfunction: Elective)\$*
36	EXPLANT_TRN_OFF_DEV_MAL_EMER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Device Malfunction: Emergent)\$*
37	EXPLANT_TRN_OFF_DEV_THR_ELEC	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Device Thrombosis - Elective)\$*
38	EXPLANT_TRN_OFF_DEV_THR_EMER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Device Thrombosis - Emergent)\$*
39	EXPLANT_TRN_OFF_INFECT_ELEC	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Infection: Elective)\$*
40	EXPLANT_TRN_OFF_INFECT_EMER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Infection: Emergent)\$*
41	EXPLANT_TRN_OFF_OTHER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Other)\$*
42	EXPLANT_DEATH_THROM	Char	1	\$Explant Reason - Death: Pump Thrombosis\$
43	EXPLANT_TXPL_THROM	Char	1	\$Explant Reason - Transplant: Pump Thrombosis\$
44	AE_DEVICE	Char	1	Device Malfunction/Failure and/or a Pump Thrombosis
45	AE_DEVICE_PX_LOCATION	Num	8	Adverse Event Device Patient Location
46	COMPONENT_PUMP	Num	8	**Malfunction Component: Pump**
47	COMPONENT_PUMP_BODY	Num	8	**Malfunction Component: Pump: Pump Body**
48	COMPONENT_PUMP_DRIVE	Num	8	**Malfunction Component: Pump: Driveline**
49	COMPONENT_PUMP_INFLO	Num	8	**Malfunction Component: Pump: Inflow Cannula**
50	COMPONENT_PUMP_OUTFLO	Num	8	**Malfunction Component: Pump: Outflow Graft**
51	COMPONENT_CTRL	Num	8	**Malfunction Component: Controller/Driver**
52	COMPONENT_CTRL_PRI_SYSFAIL	Num	8	**Malfunction Component: Controller/Driver: Primary System Failure**
53	COMPONENT_CTRL_CMPT_SYSFAIL	Num	8	**Malfunction Component: Controller/Driver: Complete System Failure**
54	COMPONENT_CTRL_PWR_CABLE	Num	8	**Malfunction Component: Controller/Driver: Power Cable**
55	COMPONENT_CTRL_PWR_CONNECT	Num	8	**Malfunction Component: Controller/Driver: Power Connectors**
56	COMPONENT_PRPH	Num	8	**Malfunction Component: Peripheral**
57	COMPONENT_PRPH_EXT_BAT	Num	8	**Malfunction Component: Peripheral: External Battery**
58	COMPONENT_PRPH_CELL_BAT	Num	8	**Malfunction Component: Peripheral: Cell Battery**
59	COMPONENT_PRPH_PWR_MOD	Num	8	**Malfunction Component: Peripheral: Power Module**
60	COMPONENT_PRPH_PX_CABLE	Num	8	**Malfunction Component: Peripheral: Patient Cable**
61	COMPONENT_PRPH_SYS_MONITOR	Num	8	**Malfunction Component: Peripheral: System Monitor**
62	COMPONENT_PRPH_BAT_CHARGE	Num	8	**Malfunction Component: Peripheral: Battery Charger**
63	COMPONENT_PRPH_BAT_CLIP	Num	8	**Malfunction Component: Peripheral: Battery Clip**
64	COMPONENT_RVAD_PUMP	Num	8	**Malfunction Component: Pump (RVAD)**

Num	Variable	Type	Len	Label
65	COMPONENT_RVAD_PUMP_BODY	Num	8	**Malfunction Component: Pump: Pump Body (RVAD)**
66	COMPONENT_RVAD_PUMP_DRIVE	Num	8	**Malfunction Component: Pump: Driveline (RVAD)**
67	COMPONENT_RVAD_PUMP_INFLO	Num	8	**Malfunction Component: Pump: Inflow Cannula (RVAD)**
68	COMPONENT_RVAD_PUMP_OUTFLO	Num	8	**Malfunction Component: Pump: Outflow Graft (RVAD)**
69	COMPONENT_RVAD_CTRL	Num	8	**Malfunction Component: Controller/Driver (RVAD)**
70	COMPONENT_RVAD_CTRL_PRI_SYSFAIL	Num	8	**Malfunction Component: Controller/Driver: Primary System Failure (RVAD)**
71	COMPONENT_RVAD_CTRL_CMPT_SYSFAIL	Num	8	**Malfunction Component: Controller/Driver: Complete System Failure(RVAD)**
72	COMPONENT_RVAD_CTRL_PWR_CABLE	Num	8	**Malfunction Component: Controller/Driver: Power Cable (RVAD)**
73	COMPONENT_RVAD_CTRL_PWR_CONNECT	Num	8	**Malfunction Component: Controller/Driver: Power Connectors (RVAD)**
74	COMPONENT_RVAD_PRPH	Num	8	**Malfunction Component: Peripheral (RVAD)**
75	COMPONENT_RVAD_PRPH_EXT_BAT	Num	8	**Malfunction Component: Peripheral: External Battery (RVAD)**
76	COMPONENT_RVAD_PRPH_CELL_BAT	Num	8	**Malfunction Component: Peripheral: Cell Battery (RVAD)**
77	COMPONENT_RVAD_PRPH_PWR_MOD	Num	8	**Malfunction Component: Peripheral: Power Module (RVAD)**
78	COMPONENT_RVAD_PRPH_PX_CABLE	Num	8	**Malfunction Component: Peripheral: Patient Cable(RVAD)**
79	COMPONENT_RVAD_PRPH_SYS_MONITOR	Num	8	**Malfunction Component: Peripheral: System Monitor (RVAD)**
80	COMPONENT_RVAD_PRPH_BAT_CHARGE	Num	8	**Malfunction Component: Peripheral: Battery Charger (RVAD)**
81	COMPONENT_RVAD_PRPH_BAT_CLIP	Num	8	**Malfunction Component: Peripheral: Battery Clip (RVAD)**
82	OUTCOME_DTH	Num	8	**Patient Outcome: Death**
83	OUTCOME_SRS_INJURY	Num	8	**Patient Outcome: Serious Injury**
84	OUTCOME_URG_TRANS	Num	8	**Patient Outcome: Urgent Transplantation**
85	OUTCOME_EXPL_NO_REPLACE	Num	8	**Patient Outcome: Explant Without Replacement**
86	OUTCOME_EXCHANGE	Num	8	**Patient Outcome: Exchange**
87	OUTCOME_DRVLINE_BREACH_REPAIR	Num	8	**Patient Outcome: Breach of Integrity of Drive Line Requiring Repair**
88	OUTCOME_OTHER_SURG_PROC	Num	8	**Patient Outcome: Other Surgical Procedure**
89	OUTCOME_NONE	Num	8	**Patient Outcome: None of the Above**
90	DEV_CAUS_FACT_ACCIDENT	Num	8	**Device Malfunction Causative Factor: Patient Accident**
91	DEV_CAUS_FACT_COMPLIANCE	Num	8	**Device Malfunction Causative Factor: Patient Non-Compliance**
92	DEV_CAUS_FACT_SUB_THER_ANTICOAG	Num	8	**Device Malfunction Causative Factor: Sub Therapeutic Anticoagulation**
93	DEV_CAUS_FACT_PROTHROMBOTIC	Num	8	**Device Malfunction Causative Factor: Prothrombotic States**
94	DEV_CAUS_FACT_END_COMP_LIFE	Num	8	**Device Malfunction Causative Factor: End of Component Expected Life**



Num	Variable	Type	Len	Label
95	DEV_CAUS_FACT_TECH_ISSUE	Num	8	**Device Malfunction Causative Factor: Technical and/or Procedural Issues**
96	DEV_CAUS_FACT_NO_CAUSE	Num	8	**Device Malfunction Causative Factor: No Cause Identified**
97	AE_DEV_THR_EVNT	Char	1	#Did Patient Experience a Thrombus Event (Suspected or Confirmed)#
98	AE_DEV_THR_EVNT_SYM_HEMOL	Num	8	**Thrombus Event: Signs or Symptoms: Hemolysis**
99	AE_DEV_THR_EVNT_SYM_HRT_FAIL	Num	8	**Thrombus Event: Signs or Symptoms: Heart Failure**
100	AE_DEV_THR_EVNT_SYM_AB_PMP_PARAM	Num	8	**Thrombus Event: Signs or Symptoms: Abnormal Pump Parameters**
101	AE_DEV_THR_EVNT_SYM_STROKE	Num	8	**Thrombus Event: Signs or Symptoms: Stroke**
102	AE_DEV_THR_EVNT_SYM_TIA	Num	8	**Thrombus Event: Signs or Symptoms: TIA**
103	AE_DEV_THR_EVNT_SYM_NON_CNS	Num	8	**Thrombus Event: Signs or Symptoms: Arterial Non-CNS Thromboembolism**
104	AE_DEV_THR_EVNT_SYM_NONE	Num	8	**Thrombus Event: Signs or Symptoms: None**
105	AE_DEV_THR_EVNT_SYM_OTHER	Num	8	**Thrombus Event: Signs or Symptoms: Other**
106	AE_DEV_THR_EVNT_INTV_ANTICOAG	Num	8	**Thrombus Event: Intravenous Anticoagulation**
107	AE_DEV_THR_EVNT_INTV_THROMBO	Num	8	**Thrombus Event: Intravenous Thrombolytic**
108	AE_DEV_THR_EVNT_INTV_ANTIPLAT	Num	8	**Thrombus Event: Intravenous Antiplatelet Therapy**
109	AE_DEV_THR_EVNT_CONF	Char	1	#Thrombus Event: Event Confirmed#
110	AE_DEV_THR_EVNT_CONF_METH_IMAGE	Num	8	**Thrombus Event: Event Confirmed: Method: Imaging Study**
111	AE_DEV_THR_EVNT_CONF_METH_VISUAL	Num	8	**Thrombus Event: Event Confirmed: Method: Visual Inspection**
112	AE_DEV_THR_EVNT_CONF_METH_MANRPT	Num	8	**Thrombus Event: Event Confirmed: Method: Manufacturers Report**
113	AE_DEV_MALF_EVNT	Char	1	#AE Device Malfunction#
114	AE_NEURO	Char	1	Adverse Event Neurological Dysfunction
115	AE_NEURO_PX_LOCATION	Num	8	Adverse Event Neuro Patient Location
116	NEURO_CAT	Num	8	Neuro Category
117	CNS_EVENT_DGN_METHOD	Num	8	CNS Event Diagnosis Method
118	AE_NEURO_PX_DEATH	Char	1	Adverse Event Neuro Patient Death
119	ANTICOAG_THERAPY_WARFARIN	Num	8	*Anticoagulant Therapy (Warfarin)*
120	ANTICOAG_THERAPY_HEPARIN	Num	8	*Anticoagulant Therapy (Heparin)*
121	ANTICOAG_THERAPY_LOVENOX	Num	8	*Anticoagulant Therapy (Lovenox)*
122	ANTICOAG_THERAPY_ASPIRIN	Num	8	*Anticoagulant Therapy (Aspirin)*
123	ANTICOAG_THERAPY_DIPYRID	Num	8	*Anticoagulant Therapy (Dipyridamole)*
124	ANTICOAG_THERAPY_CLOPID	Num	8	*Anticoagulant Therapy (Clopidogrel)*
125	ANTICOAG_THERAPY_OTHER	Num	8	*Anticoagulant Therapy (Other Specify)*
126	ANTICOAG_THERAPY_NONE	Num	8	*Anticoagulant Therapy (None)*
127	ANTICOAG_THERAPY_ARGATRO	Num	8	*Anticoagulant Therapy (Argatroban)*
128	ANTICOAG_THERAPY_BIVALI	Num	8	*Anticoagulant Therapy (Bivalirudin)*
129	ANTICOAG_THERAPY_FONDAP	Num	8	*Anticoagulant Therapy (Fondaparinux)*

Num	Variable	Type	Len	Label
130	ANTICOAG_THERAPY_HIRUDIN	Num	8	*Anticoagulant Therapy (Hirudin)*
131	ANTICOAG_THERAPY_LEPIRUD	Num	8	*Anticoagulant Therapy (Lepirudin)*
132	ANTICOAG_THERAPY_XIMELAG	Num	8	*Anticoagulant Therapy (Ximelagatran)*
133	ANTICOAG_THERAPY_DEXTRAN	Num	8	*Anticoagulant Therapy (Dextran)*
134	ANTICOAG_THERAPY_TICLOP	Num	8	*Anticoagulant Therapy (Ticlopidine)*
135	AE_NEURO_CVA	Num	8	Adverse Event Neuro CVA
136	AE_NEURO_STROKE	Num	8	Adverse Event Neuro Stroke
137	AE_NEURO_SEIZURE	Num	8	Adverse Event Neuro Seizure
138	AE_NEURO_ENCEPHALOPATHY	Num	8	Adverse Event Neuro Encephalopathy
139	CNS_EVENT_LOC_BL_FRONTAL	Num	8	**CNS Event Location: BL: Frontal**
140	CNS_EVENT_LOC_BL_OCCIPITAL	Num	8	**CNS Event Location: BL: Occipital**
141	CNS_EVENT_LOC_BL_PARIETAL	Num	8	**CNS Event Location: BL: Parietal**
142	CNS_EVENT_LOC_BL_TEMPORAL	Num	8	**CNS Event Location: BL: Temporal**
143	CNS_EVENT_LOC_BRAINSTEM	Num	8	**CNS Event Location: Brainstem**
144	CNS_EVENT_LOC_CEREBELLAR	Num	8	**CNS Event Location: Cerebellar**
145	CNS_EVENT_LOC_LH_FRONTAL	Num	8	**CNS Event Location: LH: Frontal**
146	CNS_EVENT_LOC_LH_OCCIPITAL	Num	8	**CNS Event Location: LH: Occipital**
147	CNS_EVENT_LOC_LH_PARIETAL	Num	8	**CNS Event Location: LH: Parietal**
148	CNS_EVENT_LOC_LH_TEMPORAL	Num	8	**CNS Event Location: LH: Temporal**
149	CNS_EVENT_LOC_LH_UNSPECIFIED	Num	8	**CNS Event Location: LH: Unspecified**
150	CNS_EVENT_LOC_OCCIPTAL	Num	8	**CNS Event Location: Occipital**
151	CNS_EVENT_LOC_OTHER	Num	8	**CNS Event Location: Other**
152	CNS_EVENT_LOC_RH_FRONTAL	Num	8	**CNS Event Location: RH: Frontal**
153	CNS_EVENT_LOC_RH_OCCIPITAL	Num	8	**CNS Event Location: RH: Occipital**
154	CNS_EVENT_LOC_RH_PARIETAL	Num	8	**CNS Event Location: RH: Parietal**
155	CNS_EVENT_LOC_RH_TEMPORAL	Num	8	**CNS Event Location: RH: Tempora**
156	CNS_EVENT_LOC_RH_UNSPECIFIED	Num	8	**CNS Event Location: RH: Unspecified**
157	CNS_EVENT_LOC_THALAMIC	Num	8	**CNS Event Location: Thalamic**
158	CNS_EVENT_LOC_UNKNOWN	Num	8	**CNS Event Location: Unknown**
159	CNS_EVENT_LOC_SUBDURAL	Num	8	**CNS Event Location: Subdural**
160	CNS_EVENT_LOC_SPINAL_CORD	Num	8	**CNS Event Location: Spinal cord**
161	RANKIN_YN	Char	1	#Patient Experienced Neuro Event#
162	RANKIN_SCALE	Num	8	#Modified Rankin Scale#
163	RANKIN_SCALE_I	Char	1	#Modified Rankin Scale Incomplete#
164	AE_NEURO_HYPER	Char	1	Adverse Event Hypertension
165	AE_INFECTIION	Char	1	Adverse Event Infection
166	AE_INFECTIION_PX_LOCATION	Num	8	Adverse Event Infection Patient Location
167	INFECT_TY	Num	8	Infection Type
168	INFECT_LOC_PUMP_DRIVELINE	Num	8	*Infection Location (Pump/Related - Drive Line)*

Num	Variable	Type	Len	Label
169	INFECT_LOC_PUMP_POCKET	Num	8	*Infection Location (Pump/Related - Pump Pocket)*
170	INFECT_LOC_PUMP_INTERIOR	Num	8	*Infection Location (Pump/Related - Pump Interior)*
171	INFECT_LOC_POS_BLD_CULT	Num	8	*Infection Location (Positive Blood Cultures)*
172	INFECT_LOC_LINE_SEPSIS	Num	8	*Infection Location (Line Sepsis)*
173	INFECT_LOC_PULMONARY	Num	8	*Infection Location (Pulmonary)*
174	INFECT_LOC_URINARY_TRACT	Num	8	*Infection Location (Urinary Tract)*
175	INFECT_LOC_MEDIASTINUM	Num	8	*Infection Location (Mediastinum)*
176	INFECT_LOC_PERIPH_WOUND	Num	8	*Infection Location (Peripheral Wound)*
177	INFECT_LOC_GI	Num	8	*Infection Location (GI)*
178	INFECT_LOC_OTHER	Num	8	*Infection Location (Other Specify)*
179	INFECT_LOC_UNKNOWN	Num	8	*Infection Location (Unknown)*
180	INFECT_LOC_PUMP_EXIT_CAN	Num	8	*Infection Location (Pump/Related - Exit Cannula)*
181	CONTRIBUTE_DEATH	Char	1	Contribute Death
182	AE_INFECTIOIN_INTERVENTION	Num	8	Adverse Event Infection Intervention
183	REHOSPITALIZATION	Char	1	Rehospitalization
184	INTV_HR_CATH_CVP_PA_SYS	Num	8	PA Systolic Pressure
185	INTV_HR_CATH_CVP_PA_SYS_I	Char	1	PA Systolic Pressure Incomplete
186	INTV_HR_CATH_CVP_PA_DIA	Num	8	PA Diastolic Pressure
187	INTV_HR_CATH_CVP_PA_DIA_I	Char	1	PA Diastolic Pressure Incomplete
188	INTV_HR_CATH_CVP_PCW	Num	8	PCW Pressure
189	INTV_HR_CATH_CVP_PCW_I	Char	1	PCW Pressure Incomplete
190	INTV_HR_CATH_CARD_OUTPUT	Num	8	Cardiac Output
191	INTV_HR_CATH_CARD_OUTPUT_I	Char	1	Cardiac Output Incomplete
192	HEMOGLOBINURIA	Char	1	~Hemoglobinuria~
193	MAX_HCT	Num	8	~Maximum HCT~
194	MAX_HCT_I	Char	1	~Maximum HCT Incomplete~
195	MAX_HGB	Num	8	~Maximum HGB~
196	MAX_HGB_I	Char	1	~Maximum HGB Incomplete~
197	MIN_HCT	Num	8	~Minimum HCT~
198	MIN_HCT_I	Char	1	~Minimum HCT Incomplete~
199	MIN_HGB	Num	8	~Minimum HGB~
200	MIN_HGB_I	Char	1	~Minimum HGB Incomplete~
201	PEAK_LDH	Num	8	~Peak Serum Lactate Dehydrogenase~
202	PEAK_LDH_I	Char	1	~Peak Serum Lactate Dehydrogenase Incomplete~
203	PEAK_LDH_LIMIT	Num	8	~Upper Limit of Peak Serum Lactate Dehydrogenase~
204	PEAK_LDH_LIMIT_I	Char	1	~Upper Limit of Peak Serum Lactate Dehydrogenase Incomplete~
205	PEAK_PFHG	Num	8	~Peak Plasma-free Hemoglobin~
206	PEAK_PFHG_I	Char	1	~Peak Plasma-free Hemoglobin Incomplete~

Num	Variable	Type	Len	Label
207	PEAK_PFHG_LIMIT	Num	8	~Upper Limit of Peak Plasma-free Hemoglobin~
208	PEAK_PFHG_LIMIT_I	Char	1	~Upper Limit of Peak Plasma-free Hemoglobin Incomplete~
209	PRIM_ADMIS_RSN	Num	8	#Primary Rehospitalization Reason#
210	CARDIAC_INDEX	Num	8	Cardiac Index
211	CARDIAC_INDEX_I	Char	1	Cardiac Index Incomplete
212	DIA_BP	Num	8	#Diastolic BP#
213	DIA_BP_I	Char	1	#Diastolic BP Incomplete#
214	RA_PRES	Num	8	Mean RA Pressure
215	RA_PRES_I	Char	1	Mean RA Pressure Incomplete
216	SYS_BP	Num	8	#Systolic BP#
217	SYS_BP_I	Char	1	#Systolic BP Incomplete#
218	MAP	Num	8	#Mean Arterial Pressure#
219	MAP_I	Char	1	#Mean Arterial Pressure Incomplete#
220	REH_INT_NONE	Num	8	**Rehospitalization Intervention: None**
221	REH_INT_TRANSPLANT	Num	8	**Rehospitalization Intervention: Transplant**
222	REH_INT_SURG_PROC	Num	8	**Rehospitalization Intervention: Surgical Procedure**
223	REH_INT_HR_CATH	Num	8	**Rehospitalization Intervention: Heart Cath**
224	REH_INT_INV_CARD_PROC	Num	8	**Rehospitalization Intervention: Invasive Cardiac Procedure (not Heart Cath)**
225	REH_INT_UNKNOWN	Num	8	**Rehospitalization Intervention: Unknown**
226	REH_INT_OTHER	Num	8	**Rehospitalization Intervention: Other Procedures: Other**
227	REH_INT_SURG_PROC_DEV	Num	8	**Rehospitalization Intervention: Surgical Procedures: Device Related Operation**
228	REH_INT_SURG_PROC_OTH_CAR	Num	8	**Rehospitalization Intervention: Surgical Procedures: Other Cardiac Surgical Procedure**
229	REH_INT_SURG_PROC_NC	Num	8	**Rehospitalization Intervention: Surgical Procedures: Non Cardiac Surgical Procedure**
230	REH_INT_SURG_PROC_OTH	Num	8	**Rehospitalization Intervention: Surgical Procedures: Other Procedure**
231	REH_INT_SURG_PROC_UNK	Num	8	**Rehospitalization Intervention: Surgical Procedures: Unknown**
232	REH_INT_REINTUBATION	Num	8	**Rehospitalization Intervention: Other Procedures: Reintubation Due to Respiratory Failure**
233	REH_INT_DIALYSIS	Num	8	**Rehospitalization Intervention: Other Procedures: Dialysis**
234	REH_INT_BRONCHOSCOPY	Num	8	**Rehospitalization Intervention: Other Procedures: Bronchoscopy**
235	REH_INT_REOP_BLEED_IN_48	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: Reoperation for Bleeding within 48 Hours of Implant**
236	REH_INT_REOP_BLEED_GT_48	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: Reoperation for Bleeding and/or Tamponade > 48 Hours**
237	REH_INT_DRAINAGE	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: Surgical Drainage or Pericardial Effusion**

Num	Variable	Type	Len	Label
238	REH_INT_AVS_REPAIR_NC	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: AV Surgery - Repair (No Valve Closure)**
239	REH_INT_AVS_REPAIR_WC	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: AV Surgery - Repair with Valve Closure**
240	REH_INT_AVS_REPLACE_BIO	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: AV Surgery - Replacement - Biological**
241	REH_INT_AVS_REPLACE_MECH	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: AV Surgery - Replacement - Mechanical**
242	REH_INT_MVS_REPAIR	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: MV Surgery - Repair**
243	REH_INT_MVS_REPLACE_BIO	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: MV Surgery - Replacement - Biological**
244	REH_INT_MVS_REPLACE_MECH	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: MV Surgery - Replacement - Mechanical**
245	REH_INT_TVS_REPAIR_DEVEGA	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: TV Surgery - Repair - DeVega**
246	REH_INT_TVS_REPAIR_RING	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: TV Surgery - Repair - Ring**
247	REH_INT_TVS_REPAIR_OTHER	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: TV Surgery - Repair - Other**
248	REH_INT_TVS_REPLACE_BIO	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: TV Surgery - Replacement - Biological**
249	REH_INT_TVS_REPLACE_MECH	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: TV Surgery - Replacement - Mechanical**
250	REH_INT_PVS_REPAIR	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: PV Surgery - Repair**
251	REH_INT_PVS_REPLACE_BIO	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: PV Surgery - Replacement - Biological**
252	REH_INT_PVS_REPLACE_MECH	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: PV Surgery - Replacement - Mechanical**
253	REH_INT_CARD_OTHER	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: Other Cardiac Surgical Procedure**
254	REH_INT_CARD_UNKNOWN	Num	8	**Rehospitalization Intervention: Cardiac Surgical Procedures: Unknown**
255	IV_ORAL_HYPER	Char	1	Patient Received Oral or IV Medication to Treat Hypertension
256	BLEEDING	Char	1	Major Bleeding Event
257	BLEEDING_CONDITIONS_DTH	Num	8	*Bleeding Conditions (Episode Resulted in Death)*
258	BLEEDING_CONDITIONS_REOP	Num	8	*Bleeding Conditions (Episode Resulted in Re-intervention)*
259	BLEEDING_CONDITIONS_REHOS	Num	8	*Bleeding Conditions (Episode Resulted in Hospitalization)*
260	BLEEDING_CONDITIONS_TRANS	Num	8	**Bleeding Conditions (Episode Resulted in Transfusion)**
261	BLEEDING_PX_LOC	Num	8	Bleeding Patient Location
262	BLEEDING_SOURCE_MED_CHST_WALL	Num	8	*Bleeding Source (Mediastinal: Chest Wall)*
263	BLEEDING_SOURCE_PMP_PCKT	Num	8	*Bleeding Source (Pump Pocket)*
264	BLEEDING_SOURCE_PLEURAL	Num	8	*Bleeding Source (Pleural Space)*
265	BLEEDING_SOURCE_INTRA_AB	Num	8	*Bleeding Source (Intra-Abdominal)*

Num	Variable	Type	Len	Label
266	BLEEDING_SOURCE_PULMONARY	Num	8	*Bleeding Source (Pulmonary)*
267	BLEEDING_SOURCE_RET_PERI	Num	8	*Bleeding Source (Retroperitoneal)*
268	BLEEDING_SOURCE_DEV_ANAST	Num	8	*Bleeding Source (Device Anastomosis)*
269	BLEEDING_SOURCE_URIN_TRAC	Num	8	*Bleeding Source (Urinary Tract)*
270	BLEEDING_SOURCE_UP_GASTRO	Num	8	*Bleeding Source (GI: Upper Gastrointestinal (Esophagus, Stomach, Duodenum, Small Bowel))*
271	BLEEDING_SOURCE_LOW_GASTRO	Num	8	*Bleeding Source (GI: Lower Gastrointestinal (Colon, Rectum, & Anus))*
272	BLEEDING_SOURCE_MED_OUT_ANAST	Num	8	*Bleeding Source (Mediastinal: Outflow-Aorta Anastomosis)*
273	BLEEDING_SOURCE_MED_OUT_COND	Num	8	*Bleeding Source (Mediastinal: Outflow Conduit)*
274	BLEEDING_SOURCE_MED_INF_COND	Num	8	*Bleeding Source (Mediastinal: Inflow Conduit)*
275	BLEEDING_SOURCE_MED_AORT_CAN	Num	8	*Bleeding Source (Mediastinal: Aortic-Venous Cannulation Site)*
276	BLEEDING_SOURCE_MED_COAG_NO_SURG	Num	8	*Bleeding Source (Mediastinal: Coagulopathy with No Surgical Site)*
277	BLEEDING_SOURCE_MED_OTHER_SURG	Num	8	*Bleeding Source (Mediastinal: Other Surgical Site)*
278	BLEEDING_SOURCE_GI_UNK_POS_STOOL	Num	8	*Bleeding Source (GI: Unknown, but Guaiac Positive Stools)*
279	BLEEDING_SOURCE_OTHER	Num	8	*Bleeding Source (Other, Specify)*
280	BLEEDING_INR	Num	8	Bleeding INR
281	BLEEDING_INR_I	Char	1	Bleeding INR Incomplete
282	BLEED_ANTI_COAG_THER_WARFARIN	Num	8	*Bleeding Anticoagulant Therapy (Warfarin)*
283	BLEED_ANTI_COAG_THER_HEPARIN	Num	8	*Bleeding Anticoagulant Therapy (Heparin)*
284	BLEED_ANTI_COAG_THER_LOVENOX	Num	8	*Bleeding Anticoagulant Therapy (Lovenox)*
285	BLEED_ANTI_COAG_THER_ASPIRIN	Num	8	*Bleeding Anticoagulant Therapy (Aspirin)*
286	BLEED_ANTI_COAG_THER_DIPYRID	Num	8	*Bleeding Anticoagulant Therapy (Dipyridamole)*
287	BLEED_ANTI_COAG_THER_CLOPID	Num	8	*Bleeding Anticoagulant Therapy (Clopidogrel)*
288	BLEED_ANTI_COAG_THER_OTHER	Num	8	*Bleeding Anticoagulant Therapy (Other Specify)*
289	BLEED_ANTI_COAG_THER_NONE	Num	8	*Bleeding Anticoagulant Therapy (None)*
290	BLEED_ANTI_COAG_THER_ARGATRO	Num	8	*Bleeding Anticoagulant Therapy (Argatroban)*
291	BLEED_ANTI_COAG_THER_BIVALI	Num	8	*Bleeding Anticoagulant Therapy (Bivalirudin)*
292	BLEED_ANTI_COAG_THER_FONDAP	Num	8	*Bleeding Anticoagulant Therapy (Fondaparinux)*
293	BLEED_ANTI_COAG_THER_HIRUDIN	Num	8	*Bleeding Anticoagulant Therapy (Hirudin)*
294	BLEED_ANTI_COAG_THER_LEPIRUD	Num	8	*Bleeding Anticoagulant Therapy (Lepirudin)*
295	BLEED_ANTI_COAG_THER_XIMELAG	Num	8	*Bleeding Anticoagulant Therapy (Ximelagatran)*
296	BLEED_ANTI_COAG_THER_DEXTRAN	Num	8	*Bleeding Anticoagulant Therapy (Dextran)*
297	BLEED_ANTI_COAG_THER_TICLOP	Num	8	*Bleeding Anticoagulant Therapy (Ticlopidine)*
298	BLEEDING_HEPARIN	Num	8	Bleeding: Heparin Levels
299	BLEEDING_HEPARIN_I	Char	1	Bleeding: Heparin Levels Incomplete
300	CARD_ARRHYTHMIA	Char	1	Cardiac Arrhythmia
301	CARD_ARRHYTHMIA_TY	Num	8	Cardiac Arrhythmia Type

Num	Variable	Type	Len	Label
302	PERI_DRAIN	Char	1	Pericardial Drain
303	PERI_DRAIN_TAMP	Char	1	Pericardial Drain Tamponade
304	PERI_DRAIN_METH	Num	8	Pericardial Drain Method
305	HEPATIC	Char	1	Hepatic
306	HEPATIC_TOTAL_BILI	Num	8	Hepatic Total Bilirubin
307	HEPATIC_TOTAL_BILI_I	Char	1	Hepatic Total Bilirubin Incomplete
308	HEPATIC_SGOT_AST	Num	8	Hepatic SGOT / AST
309	HEPATIC_SGOT_AST_I	Char	1	Hepatic SGOT / AST Incomplete
310	HEPATIC_SGPT_ALT	Num	8	Hepatic SGPT / ALT
311	HEPATIC_SGPT_ALT_I	Char	1	Hepatic SGPT / ALT Incomplete
312	MYOCARDIAL	Char	1	Myocardial Infarction
313	PSYCHIATRIC	Char	1	Psychiatric Episode
314	RENAL_DYS	Char	1	Renal Dysfunction
315	RENAL_DYS_DIAL	Num	8	Renal Dysfunction Dialysis Duration (days)
316	RENAL_DYS_DIAL_I	Char	1	Renal Dysfunction Dialysis Duration Incomplete
317	RENAL_DYS_DIAL_CREAT	Num	8	Renal Dysfunction Dialysis Peak Creatinine (mg/dL)
318	RENAL_DYS_DIAL_CREAT_I	Char	1	Renal Dysfunction Dialysis Peak Creatinine Incomplete
319	RESP_FAIL	Char	1	Respiratory Failure
320	RESP_FAIL_INTUB	Num	8	Respiratory Failure Intubation Duration (days)
321	RESP_FAIL_INTUB_I	Char	1	Respiratory Failure Intubation Duration Incomplete
322	RESP_FAIL_TRAC	Char	1	Respiratory Failure Tracheotomy
323	NON_CNS	Char	1	Non CNS
324	NON_CNS_LOC	Num	8	Non CNS Location
325	NON_CNS_SRC	Num	8	Non CNS Source
326	NON_CNS_ANTI_COAG_THER_WARFARIN	Num	8	*Non CNS Anticoagulant Therapy (Warfarin)*
327	NON_CNS_ANTI_COAG_THER_HEPARIN	Num	8	*Non CNS Anticoagulant Therapy (Heparin)*
328	NON_CNS_ANTI_COAG_THER_LOVENOX	Num	8	*Non CNS Anticoagulant Therapy (Lovenox)*
329	NON_CNS_ANTI_COAG_THER_ASPIRIN	Num	8	*Non CNS Anticoagulant Therapy (Aspirin)*
330	NON_CNS_ANTI_COAG_THER_DIPYRID	Num	8	*Non CNS Anticoagulant Therapy (Dipyridamole)*
331	NON_CNS_ANTI_COAG_THER_CLOPID	Num	8	*Non CNS Anticoagulant Therapy (Clopidogrel)*
332	NON_CNS_ANTI_COAG_THER_OTHER	Num	8	*Non CNS Anticoagulant Therapy (Other Specify)*
333	NON_CNS_ANTI_COAG_THER_NONE	Num	8	*Non CNS Anticoagulant Therapy (None)*
334	NON_CNS_ANTI_COAG_THER_ARGATRO	Num	8	*Non CNS Anticoagulant Therapy (Argatroban)*
335	NON_CNS_ANTI_COAG_THER_BIVALI	Num	8	*Non CNS Anticoagulant Therapy (Bivalirudin)*
336	NON_CNS_ANTI_COAG_THER_FONDAP	Num	8	*Non CNS Anticoagulant Therapy (Fondaparinux)*
337	NON_CNS_ANTI_COAG_THER_HIRUDIN	Num	8	*Non CNS Anticoagulant Therapy (Hirudin)*
338	NON_CNS_ANTI_COAG_THER_LEPIRUD	Num	8	*Non CNS Anticoagulant Therapy (Lepirudin)*
339	NON_CNS_ANTI_COAG_THER_XIMELAG	Num	8	*Non CNS Anticoagulant Therapy (Ximelagatran)*
340	NON_CNS_ANTI_COAG_THER_DEXTRAN	Num	8	*Non CNS Anticoagulant Therapy (Dextran)*

Num	Variable	Type	Len	Label
341	NON_CNS_ANTI_COAG_THER_TICLOP	Num	8	*Non CNS Anticoagulant Therapy (Ticlopidine)*
342	VENOUS_THROMB_DEEP_VEIN_THROM	Num	8	*Venous Thromboembolism Event (Deep Vein Thrombosis)*
343	VENOUS_THROMB_PULM_EMBO	Num	8	*Venous Thromboembolism Event (Pulmonary Embolism)*
344	VENOUS_THROMB_OTHER	Num	8	*Venous Thromboembolism Event (Other Specify)*
345	VENOUS_THROMB_UNKNOWN	Num	8	*Venous Thromboembolism Event (Unknown)*
346	VEN_THROM_ANTI_COAG_THER_WARF	Num	8	*Venous Thromboembolism Event Anticoagulant Therapy (Warfarin)*
347	VEN_THROM_ANTI_COAG_THER_HEPARIN	Num	8	*Venous Thromboembolism Event Anticoagulant Therapy (Heparin)*
348	VEN_THROM_ANTI_COAG_THER_LOVENOX	Num	8	*Venous Thromboembolism Event Anticoagulant Therapy (Lovenox)*
349	VEN_THROM_ANTI_COAG_THER_ASPIRIN	Num	8	*Venous Thromboembolism Event Anticoagulant Therapy (Aspirin)*
350	VEN_THROM_ANTI_COAG_THER_DIPYRID	Num	8	*Venous Thromboembolism Event Anticoagulant Therapy (Dipyridamole)*
351	VEN_THROM_ANTI_COAG_THER_CLOPID	Num	8	*Venous Thromboembolism Event Anticoagulant Therapy (Clopidogrel)*
352	VEN_THROM_ANTI_COAG_THER_OTHER	Num	8	*Venous Thromboembolism Event Anticoagulant Therapy (Other Specify)*
353	VEN_THROM_ANTI_COAG_THER_NONE	Num	8	*Venous Thromboembolism Event Anticoagulant Therapy (None)*
354	VEN_THROM_ANTI_COAG_THER_ARGATRO	Num	8	*Venous Thromboembolism Event Anticoagulant Therapy (Argatroban)*
355	VEN_THROM_ANTI_COAG_THER_BIVALI	Num	8	*Venous Thromboembolism Event Anticoagulant Therapy (Bivalirudin)*
356	VEN_THROM_ANTI_COAG_THER_FONDAP	Num	8	*Venous Thromboembolism Event Anticoagulant Therapy (Fondaparinux)*
357	VEN_THROM_ANTI_COAG_THER_HIRUDIN	Num	8	*Venous Thromboembolism Event Anticoagulant Therapy (Hirudin)*
358	VEN_THROM_ANTI_COAG_THER_LEPIRUD	Num	8	*Venous Thromboembolism Event Anticoagulant Therapy (Lepirudin)*
359	VEN_THROM_ANTI_COAG_THER_XIMELAG	Num	8	*Venous Thromboembolism Event Anticoagulant Therapy (Ximelagatran)*
360	VEN_THROM_ANTI_COAG_THER_DEXTRAN	Num	8	*Venous Thromboembolism Event Anticoagulant Therapy (Dextran)*
361	VEN_THROM_ANTI_COAG_THER_TICLOP	Num	8	*Venous Thromboembolism Event Anticoagulant Therapy (Ticlopidine)*
362	WOUND	Char	1	Wound Dehiscence
363	WOUND_LOCATION	Num	8	Wound Location
364	OTHER_SAE_PARENT	Char	1	Other Serious Adverse Event Parent
365	EVENTX	Char	53	Event - BDV
366	INT_EVT	Num	8	Event Interval for Current Device (mths) - BDV
367	OPER_ID	Num	8	Operation ID
368	INT_REH	Num	8	Length of stay for this rehospitalization (mths) - BDV



<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
369	LV_CONT	Num	8	Left ventricle - continuous flow (1,0) - DV
370	INTOP1AE	Num	8	Interval from First Device to this Event(months) - BDV
371	PEDS_PUBLIC_ID	Char	17	Public PediMACS patient ID

**Data Set Name: first\_durable.sas7bdat**

Num	Variable	Type	Len	Label
1	BUN_MG_DL	Num	8	BUN (mg/dL)
2	BUN_MMOL_L	Num	8	BUN (mmol/L)
3	CREAT_MG_DL	Num	8	Creatinine (mg/dL)
4	CREAT_UMOL_L	Num	8	Creatinine (umol/L)
5	BILI_TOTAL_MG_DL	Num	8	Total Bilirubin (mg/dL)
6	BILI_TOTAL_UMOL_L	Num	8	Total Bilirubin (umol/L)
7	SODIUM_MEQ_L	Num	8	Sodium (mEq/L)
8	SODIUM_MMOL_L	Num	8	Sodium (mmol/L)
9	INR	Num	8	***Note: INR has no unit***
10	WBC_X10_3_UL	Num	8	White Blood Cell Count (x10 <sup>3</sup> /uL)
11	WBC_X10_9_L	Num	8	White Blood Cell Count (x10 <sup>9</sup> /L)
12	PLATELET_X10_3_UL	Num	8	Platelets (x10 <sup>3</sup> /uL)
13	PLATELET_X10_9_L	Num	8	Platelets (x10 <sup>9</sup> /L)
14	SGOT_AST	Num	8	Aspartate Aminotransferase/AST (u/L)
15	SGPT_ALT	Num	8	Alanine Aminotransferase/ALT (u/L)
16	CHOLESTEROL_MG_DL	Num	8	Total Cholesterol (mg/dL)
17	CHOLESTEROL_MMOL_L	Num	8	Total Cholesterol (mmol/L)
18	CRP	Num	8	CRP (mg/L)
19	POTASSIUM_MEQ_L	Num	8	Potassium (mEq/L)
20	POTASSIUM_MMOL_L	Num	8	Potassium (mmol/L)
21	HEMOGLOBIN_G_DL	Num	8	Hemoglobin (g/dL)
22	HEMOGLOBIN_G_L	Num	8	Hemoglobin (g/L)
23	HEMOGLOBIN_MMOL_L	Num	8	Hemoglobin (mmol/L)
24	LDH_U_L	Num	8	LDH (ukat/L) , (U/L)
25	LDH_L	Num	8	LDH (units/L)
26	PRE_ALBUMIN_MG_DL	Num	8	Pre-albumin (mg/dL)
27	PRE_ALBUMIN_MG_L	Num	8	Pre-albumin (mg/L)
28	ALBUMIN_G_DL	Num	8	Albumin (g/dL)
29	ALBUMIN_G_L	Num	8	Albumin (g/L)
30	BNP_PG_ML	Num	8	Brain Natriuretic Peptide (pg/mL)
31	BNP_NG_L	Num	8	Brain Natriuretic Peptide (ng/L)
32	PRO_BNP_PG_ML	Num	8	Pro Brain Natriuretic Peptide (pg/mL)
33	PRO_BNP_NG_L	Num	8	Pro Brain Natriuretic Peptide (ng/L)
34	PILURICACID_MG_DL	Num	8	PIL Uric Acid (mg/dL)
35	PILURICACID_UMOL_L	Num	8	PIL Uric Acid (umol/L)
36	PILURICACID_MG_I	Char	1	PIL Uric Acid Mg Incomplete

Num	Variable	Type	Len	Label
37	LYMPH_CNT_PERCENT	Num	8	PIL Lymphocyte Count (%)
38	LYMPH_CNT_I	Char	1	PIL Lymphocyte Count Incomplete
39	LYMPH_CNT_X10_3_UL	Num	8	PIL Lymphocyte Count (x10 <sup>3</sup> cells/uL)
40	LYMPH_CNT_X10_9_L	Num	8	PIL Lymphocyte Count (x10 <sup>9</sup> cells/liter)
41	LUPUSANTICOAG	Char	1	Lupus Anticoagulant
42	ECG_RHYTHM	Num	8	ECG Rhythm
43	AORTIC_REGURG	Num	8	Aortic Regurgitation
44	LVEDD	Num	8	LVEDD
45	RVEF	Num	8	RVEF
46	CARDIAC_INDEX	Num	8	Cardiac Index
47	CV_PRES	Num	8	Central Venous Pressure
48	HR_RATE	Num	8	Heart Rate
49	PUL_SYS_PRES	Num	8	Pulmonary Artery Systolic Pressure (mmHg)
50	PUL_DIA_PRES	Num	8	Pulmonary Artery Diastolic Pressure (mmHg)
51	RA_PRES	Num	8	Mean RA Pressure (mmHg)
52	PUL_WEDGE_PRES	Num	8	Pulmonary Artery Wedge Pressure (mmHg)
53	SIX_MIN_WALK	Num	8	Six Minute Walk
54	SIX_MIN_WALK_I	Char	1	Six Minute Walk Incomplete
55	VO2_MAX	Num	8	VO2 Max (mL/kg/min)
56	VO2_MAX_I	Char	1	VO2 Max Incomplete
57	PEAK_R	Num	8	Peak R (%)
58	PEAK_R_I	Char	1	Peak R Incomplete
59	CC_ALLOSENSITIZATION	Num	8	Concern: Allosensitization
60	CC2_ALLOSENSITIZATION	Num	8	Limitation: Allosensitization
61	CC_CHRONIC_COAGULOPATHY	Num	8	Concern: Chronic Coagulopathy
62	CC2_CHRONIC_COAGULOPATHY	Num	8	Limitation: Chronic Coagulopathy
63	CC_CHRONIC_INF_CONCERNS	Num	8	Concern: Chronic Infectious Concerns
64	CC2_CHRONIC_INF_CONCERNS	Num	8	Limitation: Chronic Infectious Concerns
65	CC_CHRONIC_RENAL_DISEASE	Num	8	Concern: Chronic Renal Disease
66	CC2_CHRONIC_RENAL_DISEASE	Num	8	Limitation: Chronic Renal Disease
67	CC_CONTRAIN_TO_IMMSUPPRES	Num	8	Concern: Contraindications to Immunosuppression
68	CC2_CONTRAIN_TO_IMMSUPPRES	Num	8	Limitation: Contraindications to Immunosuppression
69	CC_CURR_SMOKING	Num	8	Concern: Currently Smoking
70	CC2_CURR_SMOKING	Num	8	Limitation: Currently Smoking
71	CC_FRAILTY	Num	8	Concern: Frailty
72	CC2_FRAILTY	Num	8	Limitation: Frailty
73	CC_FREQUENT_ICD_SHOCKS	Num	8	Concern: Frequent ICD Shocks
74	CC2_FREQUENT_ICD_SHOCKS	Num	8	Limitation: Frequent ICD Shocks
75	CC_HEP_INDUCED_THROMBO	Num	8	Concern: Heparin Induced Thrombosis

Num	Variable	Type	Len	Label
76	CC2_HEP_INDUCED_THROMBO	Num	8	Limitation: Heparin Induced Thrombosis
77	CC_HIST_ATRIAL_ARRHYTHMIA	Num	8	Concern: History Atrial Arrhythmia
78	CC2_HIST_ATRIAL_ARRHYTHMIA	Num	8	Limitation: History Atrial Arrhythmia
79	CC_HISTORY_GI_ULCERS	Num	8	Concern: History GI Ulcers
80	CC2_HISTORY_GI_ULCERS	Num	8	Limitation: History GI Ulcers
81	CC_HISTORY_HEPATITIS	Num	8	Concern: History Hepatitis
82	CC2_HISTORY_HEPATITIS	Num	8	Limitation: History Hepatitis
83	CC_HIST_ALCOHOL_ABUSE	Num	8	Concern: History Alcohol Abuse
84	CC2_HIST_ALCOHOL_ABUSE	Num	8	Limitation: History Alcohol Abuse
85	CC_HIST_BONE_MARROW_TX	Num	8	Concern: History Bone Marrow Transplant
86	CC2_HIST_BONE_MARROW_TX	Num	8	Limitation: History Bone Marrow Transplant
87	CC_HIST_DRUG_USE	Num	8	Concern: History Drug Use
88	CC2_HIST_DRUG_USE	Num	8	Limitation: History Drug Use
89	CC_HIST_HIV	Num	8	Concern: History HIV
90	CC2_HIST_HIV	Num	8	Limitation: History HIV
91	CC_HIST_LYMPHOMA_LEUKEMIA	Num	8	Concern: History Lymphoma Leukemia
92	CC2_HIST_LYMPHOMA_LEUKEMIA	Num	8	Limitation: History Lymphoma Leukemia
93	CC_HIST_SMOKING	Num	8	Concern: History Smoking
94	CC2_HIST_SMOKING	Num	8	Limitation: History Smoking
95	CC_HIST_SOLID_ORGAN_CNCR	Num	8	Concern: History Solid Organ Cancer
96	CC2_HIST_SOLID_ORGAN_CNCR	Num	8	Limitation: History Solid Organ Cancer
97	CC_LARGE_BMI	Num	8	Concern: Large BMI
98	CC2_LARGE_BMI	Num	8	Limitation: Large BMI
99	CC_LTD_COG_UNDERSTND	Num	8	Concern: Limited Cognitive Understanding
100	CC2_LTD_COG_UNDERSTND	Num	8	Limitation: Limited Cognitive Understanding
101	CC_LIMITED_SOCIAL_SUPPORT	Num	8	Concern: Limited Social Support
102	CC2_LIMITED_SOCIAL_SUPPORT	Num	8	Limitation: Limited Social Support
103	CC_LIVER_DYSFUNCTION	Num	8	Concern: Liver Dysfunction
104	CC2_LIVER_DYSFUNCTION	Num	8	Limitation: Liver Dysfunction
105	CC_MAJOR_STROKE	Num	8	Concern: Major Stroke
106	CC2_MAJOR_STROKE	Num	8	Limitation: Major Stroke
107	CC_MALNUTRITION_CACHEXIA	Num	8	Concern: Malnutrition/Cachexia
108	CC2_MALNUTRITION_CACHEXIA	Num	8	Limitation: Malnutrition/Cachexia
109	CC_MUSCSKELETAL_LIMIT	Num	8	Concern: Musculoskeletal Limitation
110	CC2_MUSCSKELETAL_LIMIT	Num	8	Limitation: Musculoskeletal Limitation
111	CC_NARCOTIC_DEPENDENCE	Num	8	Concern: Narcotic Dependence
112	CC2_NARCOTIC_DEPENDENCE	Num	8	Limitation: Narcotic Dependence
113	CC_OTHER_CO_MORBIDITY	Num	8	Concern: Other Co-Morbidity
114	CC2_OTHER_CO_MORBIDITY	Num	8	Limitation: Other Co-Morbidity

Num	Variable	Type	Len	Label
115	CC_OTH_MAJOR_PSYCH_DIAG	Num	8	Concern: Other Major Psychological Diagnosis
116	CC2_OTH_MAJOR_PSYCH_DIAG	Num	8	Limitation: Other Major Psychological Diagnosis
117	CC_OTH_CEREBROVASC_DISEASE	Num	8	Concern: Other Cerebrovascular Disease
118	CC2_OTH_CEREBROVASC_DISEASE	Num	8	Limitation: Other Cerebrovascular Disease
119	CC_PX_DOES_NOT_WANT_TX	Num	8	Concern: Patient Does Not Want Transplant
120	CC2_PX_DOES_NOT_WANT_TX	Num	8	Limitation: Patient Does Not Want Transplant
121	CC_PERIPH_VASC_DISEASE	Num	8	Concern: Peripheral Vascular Disease
122	CC2_PERIPH_VASC_DISEASE	Num	8	Limitation: Peripheral Vascular Disease
123	CC_PULMONARY_DISEASE	Num	8	Concern: Pulmonary Disease
124	CC2_PULMONARY_DISEASE	Num	8	Limitation: Pulmonary Disease
125	CC_PULMONARY_HYPERTENSION	Num	8	Concern: Pulmonary Hypertension
126	CC2_PULMONARY_HYPERTENSION	Num	8	Limitation: Pulmonary Hypertension
127	CC_RCNT_PULM_EMBOLUS	Num	8	Concern: Recent Pulmonary Embolus
128	CC2_RCNT_PULM_EMBOLUS	Num	8	Limitation: Recent Pulmonary Embolus
129	CC_RPTD_NON_COMPLIANCE	Num	8	Concern: Repeated Non Compliance
130	CC2_RPTD_NON_COMPLIANCE	Num	8	Limitation: Repeated Non Compliance
131	CC_SEVERE_DEPRESSION	Num	8	Concern: Severe Depression
132	CC2_SEVERE_DEPRESSION	Num	8	Limitation: Severe Depression
133	CC_SEVERE_DIABETES	Num	8	Concern: Severe Diabetes
134	CC2_SEVERE_DIABETES	Num	8	Limitation: Severe Diabetes
135	CC_THORACIC_AORTIC_DIS	Num	8	Concern: Thoracic Aortic Disease
136	CC2_THORACIC_AORTIC_DIS	Num	8	Limitation: Thoracic Aortic Disease
137	CC_UNFAV_MEDIASTINAL_ANAT	Num	8	Concern: Unfavorable Mediastinal Anatomy
138	CC2_UNFAV_MEDIASTINAL_ANAT	Num	8	Limitation: Unfavorable Mediastinal Anatomy
139	CC_ANASARCA	Num	8	Concern: Anasarca
140	CC2_ANASARCA	Num	8	Limitation: Anasarca
141	CC_GEN_SYNDROME	Num	8	Concern: Genetic Syndrome
142	CC2_GEN_SYNDROME	Num	8	Limitation: Genetic Syndrome
143	CC2_PLASTIC	Num	8	Limitation: Plastic Bronchitis
144	CC2_PROTEIN_LOSING	Num	8	Limitation: Protein Losing Enteropathy
145	CC2_TRACH	Num	8	Limitation: Tracheotomy
146	CC_PLASTIC	Num	8	Concern: Plastic Bronchitis
147	CC_PROTEIN_LOSING	Num	8	Concern: Protein Losing Enteropathy
148	CC_TRACH	Num	8	Concern: Tracheotomy
149	GENETIC_SYNDROME	Num	8	Genetic Syndrome Type
150	NUM_STERNOTOMIES	Num	8	Number of Sternotomies
151	CC_NEURO_ABNORMAL	Num	8	Concern: Neuro Abnormal
152	CC2_NEURO_ABNORMAL	Num	8	Limitation: Neuro Abnormal
153	HIV_VIRAL_LOAD_I	Char	1	#HIV-1 RNA Viral Load Incomplete#

Num	Variable	Type	Len	Label
154	HIV_CD4_I	Char	1	#CD4 T-Cell Count Incomplete#
155	HIV_ESR_I	Char	1	#Erythrocyte Sedimentation Rate Incomplete#
156	HIV_CRP_I	Char	1	#C Reactive Protein Incomplete#
157	HIV_HIST_HEP_B_I	Char	1	#HIV History of Hepatitis B Incomplete#
158	HIV_HIST_HEP_C_I	Char	1	#HIV History of Hepatitis C Incomplete#
159	HIV_HX_OP_IN	Char	1	#HIV Opportunistic Infection Since Last Followup#
160	HIV_VIRAL_LOAD	Num	8	#HIV-1 RNA Viral Load#
161	HIV_CD4	Num	8	#CD4 T-Cell Count#
162	HIV_ESR	Num	8	#Erythrocyte Sedimentation Rate#
163	HIV_CRP	Num	8	#C Reactive Protein#
164	HIV_ART_ABACAVIR	Num	8	*#Antiretroviral Therapy: Abacavir#*
165	HIV_ART_ATAZANAVIR	Num	8	*#Antiretroviral Therapy: Atazanavir#*
166	HIV_ART_ATRIPLA	Num	8	*#Antiretroviral Therapy: Atripla#*
167	HIV_ART_COMBIVIR	Num	8	*#Antiretroviral Therapy: Combivir#*
168	HIV_ART_COMPLERA	Num	8	*#Antiretroviral Therapy: Complera#*
169	HIV_ART_DARUNAVIR	Num	8	*#Antiretroviral Therapy: Darunavir#*
170	HIV_ART_DELAVIRDINE	Num	8	*#Antiretroviral Therapy: Delavirdine#*
171	HIV_ART_DIDANOSINE	Num	8	*#Antiretroviral Therapy: Didanosine#*
172	HIV_ART_DOLUTEGRAVIR	Num	8	*#Antiretroviral Therapy: Dolutegravir#*
173	HIV_ART_EFAVIRENZ	Num	8	*#Antiretroviral Therapy: Efavirenz#*
174	HIV_ART_EMTRICITABINE	Num	8	*#Antiretroviral Therapy: Emtricitabine#*
175	HIV_ART_ENFUVRTIDE	Num	8	*#Antiretroviral Therapy: Enfuvirtide#*
176	HIV_ART_EPZICOM	Num	8	*#Antiretroviral Therapy: Epzicom#*
177	HIV_ART_ETRAVIRINE	Num	8	*#Antiretroviral Therapy: Etravirine#*
178	HIV_ART_FOSAMPRENAVIR	Num	8	*#Antiretroviral Therapy: Fosamprenavir#*
179	HIV_ART_INDINAVIR	Num	8	*#Antiretroviral Therapy: Indinavir#*
180	HIV_ART_KALETRA	Num	8	*#Antiretroviral Therapy: Kaletra#*
181	HIV_ART_LAMIVUDINE	Num	8	*#Antiretroviral Therapy: Lamivudine#*
182	HIV_ART_MARAVIROC	Num	8	*#Antiretroviral Therapy: Maraviroc#*
183	HIV_ART_NELFINAVIR	Num	8	*#Antiretroviral Therapy: Nelfinavir#*
184	HIV_ART_NEVIRAPINE	Num	8	*#Antiretroviral Therapy: Nevirapine#*
185	HIV_ART_RALTEGRAVIR	Num	8	*#Antiretroviral Therapy: Raltegravir#*
186	HIV_ART_RILPIVIRINE	Num	8	*#Antiretroviral Therapy: Rilpivirine#*
187	HIV_ART_RITONAVIR	Num	8	*#Antiretroviral Therapy: Ritonavir#*
188	HIV_ART_SAUQUINAVIR	Num	8	*#Antiretroviral Therapy: Saquinavir#*
189	HIV_ART_STAVUDINE	Num	8	*#Antiretroviral Therapy: Stavudine#*
190	HIV_ART_STRIBILD	Num	8	*#Antiretroviral Therapy: Stribild#*
191	HIV_ART_TDF	Num	8	*#Antiretroviral Therapy: TDF#*
192	HIV_ART_TIPRANIVIR	Num	8	*#Antiretroviral Therapy: Tipranivir#*

Num	Variable	Type	Len	Label
193	HIV_ART_TRIZIVIR	Num	8	*#Antiretroviral Therapy: Trizivir#*
194	HIV_ART_TRUVADA	Num	8	*#Antiretroviral Therapy: Truvada#*
195	HIV_ART_ZIDOVUDINE	Num	8	*#Antiretroviral Therapy: Zidovudine#*
196	HIV_ART_UNKNOWN	Num	8	*#Antiretroviral Therapy: Unknown#*
197	HIV_ART_NONE	Num	8	*#Antiretroviral Therapy: None#*
198	HIV_INF_PRO_ATOVAQUONE	Num	8	*#Infection Prophylaxis: Atovaquone#*
199	HIV_INF_PRO_AZITHROMYCIN	Num	8	*#Infection Prophylaxis: Azithromycin#*
200	HIV_INF_PRO_DAPSONE	Num	8	*#Infection Prophylaxis: Dapsone#*
201	HIV_INF_PRO_FLUCONAZOLE	Num	8	*#Infection Prophylaxis: Fluconazole#*
202	HIV_INF_PRO_PENTAMIDINE	Num	8	*#Infection Prophylaxis: Pentamidine#*
203	HIV_INF_PRO_TMP_SMX	Num	8	*#Infection Prophylaxis: Trimethoprim-sulfamethoxazole#*
204	HIV_INF_PRO_UNKNOWN	Num	8	*#Infection Prophylaxis: Unknown#*
205	HIV_INF_PRO_NONE	Num	8	*#Infection Prophylaxis: None#*
206	HIV_HX_OP_IN_CRYPTOCOCCOSIS	Num	8	*#History of Opportunistic Infection: Cryptococcosis#*
207	HIV_HX_OP_IN_CYTOMEGALOVIRUS	Num	8	*#History of Opportunistic Infection: Cytomegalovirus#*
208	HIV_HX_OP_IN_EBV	Num	8	*#History of Opportunistic Infection: Epstein Barr Virus#*
209	HIV_HX_OP_IN_ESOPH_CANDID	Num	8	*#History of Opportunistic Infection: Esophageal Candidiasis#*
210	HIV_HX_OP_IN_HISTOPLASMOSIS	Num	8	*#History of Opportunistic Infection: Histoplasmosis#*
211	HIV_HX_OP_IN_KAPOSIS_SARCOMA	Num	8	*#History of Opportunistic Infection: Kaposi Sarcoma#*
212	HIV_HX_OP_IN_MAC_DISSEMINATED	Num	8	*#History of Opportunistic Infection: Mycobacterium Avium Complex#*
213	HIV_HX_OP_IN_CARINII_PCP	Num	8	*#History of Opportunistic Infection: Pneumocystis#*
214	HIV_HX_OP_IN_TOXOPLASMOSIS	Num	8	*#History of Opportunistic Infection: Toxoplasmosis#*
215	HIV_HX_OP_IN_TUBERCULOSIS	Num	8	*#History of Opportunistic Infection: Tuberculosis#*
216	HIV_HX_OP_IN_NONE	Num	8	*#History of Opportunistic Infection: None#*
217	HIV_HIST_HEP_B	Num	8	#HIV History of Hepatitis B#
218	HIV_HIST_HEP_C	Num	8	#HIV History of Hepatitis C#
219	ACT_FLG	Num	8	Site Activation flag (0=pre/1=post) - DV
220	HGT_CM	Num	8	Height (cm)
221	HGT_CM_I	Char	10	Height Incomplete
222	HGT_IN	Num	8	Height (in)
223	WGT_KG	Num	8	Weight (kg)
224	WGT_KG_I	Char	1	Weight Incomplete
225	WGT_LBS	Num	8	Weight (lbs)
226	BLOOD_TYPE	Num	8	Blood Type
227	DEVICE_STRATEGY	Num	8	Current Device Strategy
228	PRIMARY_DGN	Num	8	Primary Diagnosis
229	PREV_CARDIAC_OPER	Num	8	*Previous Cardiac Operation*
230	PREV_CARDIAC_OPER_NONE	Num	8	*Previous Cardiac Operation (None)*

Num	Variable	Type	Len	Label
231	PREV_CARDIAC_OPER_CABG	Num	8	*Previous Cardiac Operation (CABG)*
232	PREV_CARDIAC_OPER_AVR	Num	8	*Previous Cardiac Operation (Aortic Valve Replacement/Repair)*
233	PREV_CARDIAC_OPER_MVR	Num	8	*Previous Cardiac Operation (Mitral Valve Replacement/Repair)*
234	PREV_CARDIAC_OPER_CON_CAR_SUR	Num	8	*Previous Cardiac Operation (Congenital Cardiac Surgery)*
235	PREV_CARDIAC_OPER_LVAD	Num	8	*Previous Cardiac Operation (LVAD)*
236	PREV_CARDIAC_OPER_RVAD	Num	8	*Previous Cardiac Operation (RVAD)*
237	PREV_CARDIAC_OPER_TAH	Num	8	*Previous Cardiac Operation (TAH)*
238	PREV_CARDIAC_OPER_OTHER	Num	8	*Previous Cardiac Operation (Other Specify (INCLUDE ONLY OPERATIONS ACTUALLY PERFORMED ON HEART OR GREAT VESSELS))*
239	PREV_CARDIAC_OPER_ANEURS_DOR	Num	8	*Previous Cardiac Operation (Aneurysmectomy DOR)*
240	PREV_CARDIAC_OPER_TVR	Num	8	*Previous Cardiac Operation (Tricuspid Replacement/Repair)*
241	PREV_CARDIAC_OPER_PREV_TRANS	Num	8	*Previous Cardiac Operation (Previous Heart Transplant)*
242	PREV_CARDIAC_OPER_PREV_ECMO	Num	8	*Previous Cardiac Operation (Previous ECMO)*
243	ADMISSION_REASON	Num	8	Admission Reason
244	CURRENT_ICD	Char	1	Current ICD
245	EVENT_HOSP	Num	8	*Events this Hospitalization*
246	EVENT_HOSP_DIALYSIS	Num	8	*Events this Hospitalization (Dialysis)*
247	EVENT_HOSP_INTUB	Num	8	*Events this Hospitalization (Intubation)*
248	EVENT_HOSP_MAJOR_MI	Num	8	*Events this Hospitalization (Major MI)*
249	EVENT_HOSP_MAJOR_MI_POS_BLD	Num	8	*Events this Hospitalization (Major Infections/Positive Blood Cultures)*
250	EVENT_HOSP_OTH_SUR_PROC	Num	8	*Events this Hospitalization (Other Surgical Procedures)*
251	EVENT_HOSP_UNKNOWN	Num	8	*Events this Hospitalization (Unknown)*
252	EVENT_HOSP_NONE	Num	8	*Events this Hospitalization (None)*
253	EVENT_HOSP_IABP	Num	8	*Events this Hospitalization (IABP)*
254	EVENT_HOSP_ULTRAFILT	Num	8	*Events this Hospitalization (Ultrafiltration)*
255	EVENT_HOSP_FEED_TUBE	Num	8	*Events this Hospitalization (Feeding Tube)*
256	EVENT_HOSP_ECMO	Num	8	*Events this Hospitalization (ECMO)*
257	EVENT_HOSP_CABG	Num	8	*Events this Hospitalization (CABG)*
258	EVENT_HOSP_AVR	Num	8	*Events this Hospitalization (Aortic Valve Replacement/Repair)*
259	EVENT_HOSP_MVR	Num	8	*Events this Hospitalization (Mitral Valve Replacement/Repair)*
260	EVENT_HOSP_CON_CAR_SUR	Num	8	*Events this Hospitalization (Congenital Cardiac Surgery)*
261	EVENT_HOSP_LVAD	Num	8	*Events this Hospitalization (LVAD)*
262	EVENT_HOSP_RVAD	Num	8	*Events this Hospitalization (RVAD)*
263	EVENT_HOSP_TAH	Num	8	*Events this Hospitalization (TAH)*
264	EVENT_HOSP_CPAP	Num	8	*Events this Hospitalization (Escalation to CPAP)*
265	EVENT_HOSP_TREAT_REJECT	Num	8	*Events this Hospitalization (Treatment of Rejection)*
266	EVENT_HOSP_ARRHYTHMIA	Num	8	*Events this Hospitalization (Arrhythmia)*
267	EVENT_HOSP_PERI_DRAIN	Num	8	*Events this Hospitalization (Peritoneal Drain)*



Num	Variable	Type	Len	Label
268	EVENT_HOSP_PREV_ECMO	Num	8	*Events this Hospitalization (Previous ECMO)*
269	EVENT_HOSP_NON_CARD_PROC	Num	8	*Events this Hospitalization (Non-Cardiac Procedure)*
270	EVENT_HOSP_PREV_TXPL	Num	8	*Events this Hospitalization (Previous Heart Transplant)*
271	INFECTION_TYPE	Num	8	Infection Type
272	INFECTION_LOC	Num	8	Infection Location
273	IV_INO_THERAPY	Char	1	IV Inotrope Therapy
274	IV_INO_THERAPY_AGENTS	Num	8	*IV Inotrope Therapy Agents*
275	IV_INO_THERAPY_AGENTS DOBUT	Num	8	*IV Inotrope Therapy Agents (Dobutamine)*
276	IV_INO_THERAPY_AGENTS DOPA	Num	8	*IV Inotrope Therapy Agents (Dopamine)*
277	IV_INO_THERAPY_AGENTS MILRI	Num	8	*IV Inotrope Therapy Agents (Milrinone)*
278	IV_INO_THERAPY_AGENTS LEVOSI	Num	8	*IV Inotrope Therapy Agents (Levosimendan)*
279	IV_INO_THERAPY_AGENTS EPINEPH	Num	8	*IV Inotrope Therapy Agents (Epinephrine)*
280	IV_INO_THERAPY_AGENTS NOREPI	Num	8	*IV Inotrope Therapy Agents (Norepinephrine)*
281	IV_INO_THERAPY_AGENTS ISOPRO	Num	8	*IV Inotrope Therapy Agents (Isoproterenol)*
282	IV_INO_THERAPY_AGENTS_OTHER	Num	8	*IV Inotrope Therapy Agents (Other, Specify)*
283	IV_INO_THERAPY_AGENTS_UNK	Num	8	*IV Inotrope Therapy Agents (Unknown)*
284	IV_INO_THERAPY_AGENTS_VASO	Num	8	*IV Inotrope Therapy Agents (Vasopressin)*
285	IV_INO_THERAPY_AGENTS_NITRO	Num	8	*IV Inotrope Therapy Agents (Nitroprusside)*
286	IV_INO_THERAPY_AGENTS_FENOL	Num	8	*IV Inotrope Therapy Agents (Fenoldopam)*
287	IV_INO_THERAPY_AGENTS_NESER	Num	8	*IV Inotrope Therapy Agents (Neseritide)*
288	PX_PROFILE	Num	8	Patient Profile
289	MULTIPLE_DEVICE	Num	8	Multiple Device
290	MODIFIER_A	Char	1	Modifier A
291	MODIFIER_TCS	Char	1	Modifier Temporary Circulatory Support
292	MODIFIER_FF	Char	1	Modifier Frequent Flier
293	SEC_DGN_BV_CAVC	Num	8	*#Secondary Diagnosis: Cong: BiVent: CAVC/VSD/ASD#*
294	SEC_DGN_BV_CCT	Num	8	*#Secondary Diagnosis: Cong: BiVent: (I-TGA) (CC-TGA)#*
295	SEC_DGN_BV_EA	Num	8	*#Secondary Diagnosis: Cong: BiVent: Ebstein's Anomaly#*
296	SEC_DGN_BV_KD	Num	8	*#Secondary Diagnosis: Cong: BiVent: Kawasaki Disease#*
297	SEC_DGN_BV_LHV	Num	8	*#Secondary Diagnosis: Cong: BiVent: Left Heart Valve/Structural Hypoplasia#*
298	SEC_DGN_BV_TA	Num	8	*#Secondary Diagnosis: Cong: BiVent: Truncus Arteriosus#*
299	SEC_DGN_BV_TGA	Num	8	*#Secondary Diagnosis: Cong: BiVent: (d-TGA)#*
300	SEC_DGN_BV_TOF	Num	8	*#Secondary Diagnosis: Cong: BiVent: TOF/TOF Variant#*
301	SEC_DGN_CANCER	Num	8	*#Secondary Diagnosis: Cancer#*
302	SEC_DGN_COR_ART_DIS	Num	8	*#Secondary Diagnosis: Coronary Artery Disease#*
303	SEC_DGN_DIL_MYO_ADRIAMYCIN	Num	8	*#Secondary Diagnosis: Dil Myo: Adriamycin#*
304	SEC_DGN_DIL_MYO_ALCOHOLIC	Num	8	*#Secondary Diagnosis: Dil Myo: Alcoholic#*
305	SEC_DGN_DIL_MYO_FAMILIAL	Num	8	*#Secondary Diagnosis: Dil Myo: Familial#*

Num	Variable	Type	Len	Label
306	SEC_DGN_DIL_MYO_IDIOPATHIC	Num	8	*#Secondary Diagnosis: Dil Myo: Idiopathic#*
307	SEC_DGN_DIL_MYO_ISCHEMIC	Num	8	*#Secondary Diagnosis: Dil Myo: Ischemic#*
308	SEC_DGN_DIL_MYO_LV	Num	8	*#Secondary Diagnosis: Dil Myo: LV Non-Compaction#*
309	SEC_DGN_DIL_MYO_MYOCARDITIS	Num	8	*#Secondary Diagnosis: Dil Myo: Myocarditis#*
310	SEC_DGN_DIL_MYO_OTHER	Num	8	*#Secondary Diagnosis: Dil Myo: Other#*
311	SEC_DGN_DIL_MYO_POST_PART	Num	8	*#Secondary Diagnosis: Dil Myo: Post Partum#*
312	SEC_DGN_DIL_MYO_UNSPECIFIED	Num	8	*#Secondary Diagnosis: Dil Myo: Unspecified#*
313	SEC_DGN_DIL_MYO_VIRAL	Num	8	*#Secondary Diagnosis: Dil Myo: Viral#*
314	SEC_DGN_HYPER_CARDIOMYO	Num	8	*#Secondary Diagnosis: Hypertrophic Cardiomyopathy#*
315	SEC_DGN_NONE	Num	8	*#Secondary Diagnosis: None#*
316	SEC_DGN_POST_TX_GRFT_DYS	Num	8	*#Secondary Diagnosis: Post Transplant / Graft Dysfunction#*
317	SEC_DGN_REST_MYO_AMYLOID	Num	8	*#Secondary Diagnosis: Rest Myo: Amyloidosis#*
318	SEC_DGN_REST_MYO_ENDO_FIB	Num	8	*#Secondary Diagnosis: Rest Myo: Endocardial Fibrosis#*
319	SEC_DGN_REST_MYO_IDIOPATHIC	Num	8	*#Secondary Diagnosis: Rest Myo: Idiopathic#*
320	SEC_DGN_REST_MYO_OTHER	Num	8	*#Secondary Diagnosis: Rest Myo: Other#*
321	SEC_DGN_REST_MYO_RAD_CHEMO	Num	8	*#Secondary Diagnosis: Rest Myo: Radiation/Chemo#*
322	SEC_DGN_REST_MYO_SARCOIDOSIS	Num	8	*#Secondary Diagnosis: Rest Myo: Sarcoidosis#*
323	SEC_DGN_REST_MYO_UNSPECIFIED	Num	8	*#Secondary Diagnosis: Rest Myo: Unspecified#*
324	SEC_DGN_SV_HETEROTAXY	Num	8	*#Secondary Diagnosis: Cong: SVent: Heterotaxy / Complex CAVC#*
325	SEC_DGN_SV_HLF	Num	8	*#Secondary Diagnosis: Cong: SVent: Hypoplastic Left Heart#*
326	SEC_DGN_SV_OTHER	Num	8	*#Secondary Diagnosis: Cong: SVent: Other#*
327	SEC_DGN_SV_PA_IVS	Num	8	*#Secondary Diagnosis: Cong: SVent: Pulmonary Atresia with IVS#*
328	SEC_DGN_SV_PA_IVS_RVDC	Num	8	*#Secondary Diagnosis: Cong: SVent: Pulmonary Atresia with IVS (RVDC)#*
329	SEC_DGN_SV_UNSPECIFIED	Num	8	*#Secondary Diagnosis: Cong: SVent: Unspecified#*
330	SEC_DGN_UNKNOWN	Num	8	*#Secondary Diagnosis: Unknown#*
331	SEC_DGN_VALV_HRT_DIS	Num	8	*#Secondary Diagnosis: Valvular Heart Disease#*
332	PREV_CARD_OP_CON_SUR_DBL_SWCH	Num	8	*Previous Congenital Cardiac Surgery (Congenitally Corrected Transposition Repair (double switch))*
333	PREV_CARD_OP_CON_SUR_CLASSIC	Num	8	*Previous Congenital Cardiac Surgery (Congenitally Corrected Transposition Repair (classic))*
334	PREV_CARD_OP_CON_SUR_PA_BAND	Num	8	*Previous Congenital Cardiac Surgery (PA Banding)*
335	PREV_CARD_OP_CON_SUR_TOV_REP	Num	8	*Previous Congenital Cardiac Surgery (TOF / DORV / RVOTO Repair)*
336	PREV_CARD_OP_CON_SUR_EBSTEIN	Num	8	*Previous Congenital Cardiac Surgery (Ebsteins Anomaly Repair)*
337	PREV_CARD_OP_CON_SUR_VSD_REP	Num	8	*Previous Congenital Cardiac Surgery (VSD Repair)*
338	PREV_CARD_OP_CON_SUR_NORWOOD	Num	8	*Previous Congenital Cardiac Surgery (Norwood Stage I)*
339	PREV_CARD_OP_CON_SUR_GLENN	Num	8	*Previous Congenital Cardiac Surgery (Glenn Procedure)*

Num	Variable	Type	Len	Label
340	PREV_CARD_OP_CON_SUR_FONTAN	Num	8	*Previous Congenital Cardiac Surgery (Fontan Procedure)*
341	PREV_CARD_OP_CON_SUR_ART_SWCH	Num	8	*Previous Congenital Cardiac Surgery (d-Transposition of the Great Vessels Repair - Arterial Switch Operation)*
342	PREV_CARD_OP_CON_SUR_SEN_MSTRD	Num	8	*Previous Congenital Cardiac Surgery (d-Transposition of the Great Vessels Repair - Atrial Switch (Senning / Mustard))*
343	PREV_CARD_OP_CON_SUR_AP_SH	Num	8	*#Previous Cardiac Operation: Congenital Surgery: AP Shunt#*
344	PREV_CARD_OP_CON_SUR_ASD	Num	8	*#Previous Cardiac Operation: Congenital Surgery: ASD#*
345	PREV_CARD_OP_CON_SUR_SEP_DEFCT	Num	8	*Previous Congenital Cardiac Surgery (Complete AV Septal Defect Repair)*
346	PREV_CARD_OP_CON_SUR_OTHER	Num	8	*Previous Congenital Cardiac Surgery (Other, Specify)*
347	PREV_CARD_OP_CON_SUR_TRUNCUS	Num	8	*Previous Congenital Cardiac Surgery (Truncus Arteriosus Repair)*
348	PREV_CARD_OP_CON_SUR_HYBRID_REP	Num	8	*Previous Congenital Cardiac Surgery (Hybrid Repair)*
349	PREV_CARD_OP_CON_SUR_DKS	Num	8	*#Previous Cardiac Operation: Congenital Surgery: Damus Kaye Stansel#*
350	ADMISSION_REASON_NON_CARD_GI	Num	8	*Admitting Diagnosis: Non-Cardiac (GI (Nausea, vomiting, diarrhea))*
351	ADMISSION_REASON_NON_CARD_RESP	Num	8	*Admitting Diagnosis: Non-Cardiac (Respiratory (SOB, wheezing, respiratory failure))*
352	ADMISSION_REASON_NON_CARD_FTT	Num	8	*Admitting Diagnosis: Non-Cardiac (FTT)*
353	ADMISSION_REASON_NON_CARD_LETH	Num	8	*Admitting Diagnosis: Non-Cardiac (Lethargy)*
354	ADMISSION_REASON_NON_CARD_OTHER	Num	8	*Admitting Diagnosis: Non-Cardiac (Other, Specify)*
355	EVNT_HOS_CON_CAR_SUR_DBL_SWCH	Num	8	*Congenital Cardiac Surgery this Hospitalization: Congenitally Corrected Transposition Repair (double switch)*
356	EVNT_HOS_CON_CAR_SUR_CLASSIC	Num	8	*Congenital Cardiac Surgery this Hospitalization: Congenitally Corrected Transposition Repair (classic)*
357	EVNT_HOS_CON_CAR_SUR_PA_BAND	Num	8	*Congenital Cardiac Surgery this Hospitalization: PA Banding*
358	EVNT_HOS_CON_CAR_SUR_TOV_REP	Num	8	*Congenital Cardiac Surgery this Hospitalization: TOV/DORV/RVOTO Repair*
359	EVNT_HOS_CON_CAR_SUR_EBSTEIN	Num	8	*Congenital Cardiac Surgery this Hospitalization: Ebsteins Anomaly Repair*
360	EVNT_HOS_CON_CAR_SUR_VSD_REP	Num	8	*Congenital Cardiac Surgery this Hospitalization: VSD Repair*
361	EVNT_HOS_CON_CAR_SUR_NORWOOD	Num	8	*Congenital Cardiac Surgery this Hospitalization: Norwood Stage I*
362	EVNT_HOS_CON_CAR_SUR_GLENN	Num	8	*Congenital Cardiac Surgery this Hospitalization (Glenn Procedure)*
363	EVNT_HOS_CON_CAR_SUR_FONTAN	Num	8	*Congenital Cardiac Surgery this Hospitalization: Fontan Procedure*
364	EVNT_HOS_CON_CAR_SUR_ART_SWCH	Num	8	*Congenital Cardiac Surgery this Hospitalization: Transposition of the Great Vessels Repair (Arterial switch operation)*
365	EVNT_HOS_CON_CAR_SUR_SEN_MSTRD	Num	8	*Congenital Cardiac Surgery this Hospitalization: Transposition of the Great Vessels Repair (Senning/Mustard)*
366	EVNT_HOS_CON_CAR_SUR_AP_SHU	Num	8	*#Congenital Cardiac Surgery this Hospitalization: AP Shunt#*
367	EVNT_HOS_CON_CAR_SUR_ASD	Num	8	*#Congenital Cardiac Surgery this Hospitalization: ASD Repair#*

Num	Variable	Type	Len	Label
368	EVNT_HOS_CON_CAR_SUR_SEP_DEFCT	Num	8	*Congenital Cardiac Surgery this Hospitalization: Complete AV Septal Defect Repair*
369	EVNT_HOS_CON_CAR_SUR_OTHER	Num	8	*Congenital Cardiac Surgery this Hospitalization: Other, Specify*
370	EVNT_HOS_CON_CAR_SUR_TRUNCUS	Num	8	*Congenital Cardiac Surgery this Hospitalization: Truncus Arteriosus Repair*
371	EVNT_HOS_CON_CAR_SUR_HYBRID	Num	8	*Congenital Cardiac Surgery this Hospitalization (Hybrid Repair)*
372	EVNT_HOS_CON_CAR_SUR_DKS	Num	8	*#Congenital Cardiac Surgery this Hospitalization: Damus Kaye Stansel#*
373	NUM_HR_FAIL_HOSP	Num	8	Number Heart Failure Hospitalizations in Last Year
374	PRI_CLIN_MAN	Num	8	Primary Reason: Clinical Manifestation of Heart Failure
375	PRI_CLIN_MAN_DEC_NU_EMES	Num	8	*Primary: Decline in Nutrition / Feeding Intolerance (Emesis or Inadequate Calories (<70% prescribed) Requiring Enteral Feeding Tube Placement)*
376	PRI_CLIN_MAN_DEC_NU_RECUR_EMES	Num	8	*Primary: Decline in Nutrition / Feeding Intolerance (Recurrent Emesis with Adequate Caloric Intake Despite Feeding Tube Placement)*
377	PRI_CLIN_MAN_DEC_NU_INAD_CAL	Num	8	*Primary: Decline in Nutrition / Feeding Intolerance (Inadequate Caloric Intake (with or without emesis) Despite Feeding Tube Placement)*
378	PRI_CLIN_MAN_DEC_NU_PARENT	Num	8	*Primary: Decline in Nutrition / Feeding Intolerance (Requiring Parental (IV) Nutrition)*
379	SEC_CLIN_MAN_RENAL	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Decline in Renal Function)*
380	SEC_CLIN_MAN_HEPATIC	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Decline in Hepatic Function)*
381	SEC_CLIN_MAN_RESP	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Decline in Respiratory Function)*
382	SEC_CLIN_MAN_FLUID	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Refractory Fluid Retention / Volume Overload)*
383	SEC_CLIN_MAN_CARDIAC	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Decline in Cardiac Output (by exam, mixed venous saturation, or cath) Prior to Onset of Worsening Acidosis / Lactate)*
384	SEC_CLIN_MAN_SINUS	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Incessant Severe Sinus Tachycardia)*
385	SEC_CLIN_MAN_TACH_ARRH	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Worsening Tachyarrhythmia)*
386	SEC_CLIN_MAN_OTHER	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Other, Please Specify)*
387	SEC_CLIN_MAN_NO_REPORT	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Not Reported)*
388	SEC_CLIN_MAN_NUTRITION	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Decline in Nutrition / Feeding Intolerance, if so check all that apply)*
389	SEC_CLIN_MAN_DEC_NU_EMES	Num	8	*Secondary: Decline in Nutrition / Feeding Intolerance (Emesis or Inadequate Calories (<70% prescribed) Requiring Enteral Feeding Tube Placement)*

Num	Variable	Type	Len	Label
390	SEC_CLIN_MAN_DEC_NU_RECUR_EMES	Num	8	*Secondary: Decline in Nutrition / Feeding Intolerance (Recurrent Emesis with Adequate Caloric Intake Despite Feeding Tube Placement)*
391	SEC_CLIN_MAN_DEC_NU_INAD_CAL	Num	8	*Secondary: Decline in Nutrition / Feeding Intolerance (Inadequate Caloric Intake (with or without emesis) Despite Feeding Tube Placement)*
392	SEC_CLIN_MAN_DEC_NU_PARENT	Num	8	*Secondary: Decline in Nutrition / Feeding Intolerance (Requiring Parental (IV) Nutrition)*
393	TREAT_HR_FAIL	Char	1	Treated for Heart Failure Prior to Admission
394	HX_MCSD	Num	8	History of MCSD (1,0) - DV
395	GENDER	Char	1	Gender
396	ETHNICITY	Char	1	Ethnicity
397	RACE_AM_IND	Num	8	*Race (American Indian or Alaska Native)*
398	RACE_ASIAN	Num	8	*Race (Asian)*
399	RACE_AF_AMER	Num	8	*Race (African - American or Black)*
400	RACE_PAC_ISLAND	Num	8	*Race (Hawaiian or Other Pacific Islander)*
401	RACE_WHITE	Num	8	*Race (White)*
402	RACE_UNKNOWN	Num	8	*Race (Unknown/Undisclosed)*
403	RACE_OTHER	Num	8	*Race (Other/None of the Above)*
404	PX_STAT	Char	1	Patient Status
405	VAD_STUDY	Char	1	VAD Study
406	VAD_STUDY_INDUSTRY	Char	1	Industry Sponsored Post Approval Study
407	VAD_INDICATION	Num	8	VAD Indication
408	DEVICE_TY	Num	8	Device Type
409	LVAD_CAN_INFLOW	Num	8	LVAD Cannulae Inflow
410	LVAD_CAN_OUTFLOW	Num	8	LVAD Cannulae Outflow
411	RVAD_CAN_INFLOW	Num	8	RVAD Cannulae Inflow
412	RVAD_CAN_OUTFLOW	Num	8	RVAD Cannulae Outflow
413	CONCOM_SURG_NONE	Num	8	*Concomitant Surgery (None)*
414	CONCOM_SURG_ASD_CLOSE	Num	8	*Concomitant Surgery (ASD Closure)*
415	CONCOM_SURG_PFO_CLOSE	Num	8	*Concomitant Surgery (PFO Closure)*
416	CONCOM_SURG_RVAD_IMPLANT	Num	8	*#Concomitant Surgery: RVAD Implant#*
417	CONCOM_SURG_RVAD_EXPLANT	Num	8	*#Concomitant Surgery: RVAExplant#*
418	CONCOM_SURG_ECMO_DECANN	Num	8	*Concomitant Surgery (ECMO Decannulation)*
419	CONCOM_SURG_CABG	Num	8	*Concomitant Surgery (CABG)*
420	CONCOM_SURG_VSD_CLOSE	Num	8	*Concomitant Surgery (VSD Closure)*
421	CONCOM_SURG_IABP	Num	8	*#Concomitant Surgery: IABP#*
422	CONCOM_SURG_CONG_CARD_SURG	Num	8	*Concomitant Surgery (Congenital Cardiac Surgery, Other)*
423	CONCOM_SURG_AVS_NC	Num	8	*#Concomitant Surgery: Aortic Valve Surgery: Repair (No Valve Closure)#*

Num	Variable	Type	Len	Label
424	CONCOM_SURG_AV_S_C	Num	8	*#Concomitant Surgery: Aortic Valve Surgery: Repair (Valve Closure)#*
425	CONCOM_SURG_AV_S_REP_BIO	Num	8	*Concomitant Surgery (Valve Surgery Aortic Replacement Biological)*
426	CONCOM_SURG_AV_S_REP_MECH	Num	8	*Concomitant Surgery (Valve Surgery Aortic Replacement Mechanical)*
427	CONCOM_SURG_MVS_REPAIR	Num	8	*Concomitant Surgery (Valve Surgery Mitral Repair)*
428	CONCOM_SURG_MVS_REP_BIO	Num	8	*Concomitant Surgery (Valve Surgery Mitral Replacement Biological)*
429	CONCOM_SURG_MVS_REP_MECH	Num	8	*Concomitant Surgery (Valve Surgery Mitral Replacement Mechanical)*
430	CONCOM_SURG_TVS_R_DEVEGA	Num	8	*#Concomitant Surgery: Tricuspid Valve Surgery: Repair (DeVega)#*
431	CONCOM_SURG_TVS_R_RING	Num	8	*#Concomitant Surgery: Tricuspid Valve Surgery: Repair (Ring)#*
432	CONCOM_SURG_TVS_R_OTHER	Num	8	*#Concomitant Surgery: Tricuspid Valve Surgery: Repair (Other)#*
433	CONCOM_SURG_TVS_REP_BIO	Num	8	*Concomitant Surgery (Valve Surgery Tricuspid Replacement Biological)*
434	CONCOM_SURG_TVS_REP_MECH	Num	8	*Concomitant Surgery (Valve Surgery Tricuspid Replacement Mechanical)*
435	CONCOM_SURG_PVS_REPAIR	Num	8	*Concomitant Surgery (Valve Surgery Pulmonary Repair)*
436	CONCOM_SURG_PVS_REP_BIO	Num	8	*Concomitant Surgery (Valve Surgery Pulmonary Replacement Biological)*
437	CONCOM_SURG_PVS_REP_MECH	Num	8	*Concomitant Surgery (Valve Surgery Pulmonary Replacement Mechanical)*
438	CONCOM_SURG_OTHER	Num	8	*Concomitant Surgery (Other Specify)*
439	CONCOM_SURG_AORTIC_REPAIR	Num	8	Concomitant Surgery: Aortic Repair
440	CPB_TIME	Num	8	CPB Time (min)
441	CPB_TIME_I	Char	1	CPB Time Incomplete
442	ASSOC_FINDINGS_PFO_ASD	Num	8	*Associated Findings (PFO/ASD)*
443	ASSOC_FINDINGS_AORT_INSUF	Num	8	*Associated Findings (Aortic Insufficiency)*
444	ASSOC_FINDINGS_TRIC_INSUF	Num	8	*Associated Findings (Tricuspid Insufficiency)*
445	ASSOC_FINDINGS_MECH_VALV	Num	8	*Associated Findings (Mechanical Valve)*
446	ASSOC_FINDINGS_NONE	Num	8	*Associated Findings (None)*
447	AORTIC_INSUFFICIENCY	Num	8	Aortic Insufficiency
448	TRICUSPID_INSUFFICIENCY	Num	8	Tricuspid Insufficiency
449	SURGICAL_APPROACH	Num	8	Surgical Approach
450	SURGERY_TIME	Num	8	#Primary Incision to Closure Time (min)#
451	SURGERY_TIME_I	Char	1	#Primary Incision to Closure Time Incomplete#
452	LVAD_CAN_INFLOW_SIZE	Num	8	LVAD Cannulae Inflow Size (mm)
453	LVAD_CAN_INFLOW_SIZE_I	Char	1	LVAD Cannulae Inflow Size Incomplete
454	LVAD_CAN_OUTFLOW_SIZE	Num	8	LVAD Cannulae Outflow Size (mm)

Num	Variable	Type	Len	Label
455	LVAD_CAN_OUTFLOW_SIZE_I	Char	1	LVAD Cannulae Outflow Size Incomplete
456	LVAD_PUMP_SIZE	Num	8	LVAD Pump Size
457	RVAD_CAN_INFLOW_SIZE	Num	8	RVAD Cannulae Inflow Size (mm)
458	RVAD_CAN_INFLOW_SIZE_I	Char	1	RVAD Cannulae Inflow Size Incomplete
459	RVAD_CAN_OUTFLOW_SIZE	Num	8	RVAD Cannulae Outflow Size (mm)
460	RVAD_CAN_OUTFLOW_SIZE_I	Char	1	RVAD Cannulae Outflow Size Incomplete
461	RVAD_PUMP_SIZE	Num	8	RVAD Pump Size
462	CLAMP_TIME	Num	8	Cross Clamp Time (min)
463	CLAMP_TIME_I	Char	1	Cross Clamp Time Incomplete
464	CIRC_ARREST	Char	1	Circulatory Arrest Required
465	CIRC_ARREST_MIN	Num	8	Circulatory Arrest Required: Minutes
466	CIRC_ARREST_MIN_I	Char	1	Circulatory Arrest Required: Minutes Incomplete
467	IMPLANT_OVERVIEW_STATUS	Char	1	Implant Overview Status
468	MECH_VALVE	Num	8	Associated Findings: Mechanical Valve
469	CLAMP_USED	Char	1	#Clamp Used#
470	CPB_USED	Char	1	#CPB Used#
471	LV_DURABLE	Num	8	LV Durability (1=Dur/0=Temp) - BDV
472	LV_CONT	Num	8	Left ventricle - continuous flow (1,0) - DV
473	LV_CENTRIFUGAL	Num	8	LV Continuous Centrifugal=1 Axial=0 - DV
474	LV_SURG	Num	8	Left ventricle - Intracorporeal=1 Paracorporeal=0 - DV
475	RV_CONT	Num	8	Right ventricle - continuous flow (1,0) - DV
476	RV_DURABLE	Num	8	Right ventricle - Durable=1 Temporary=0 - DV
477	RV_CENTRIFUGAL	Num	8	RV Continuous Centrifugal=1 Axial=0 - BDV
478	RV_SURG	Num	8	Right ventricle - Intracorporeal=1 Paracorporeal=0 - DV
479	DISCHARGE_TO	Num	8	Discharge To
480	ACUTE_CARE	Num	8	Acute Care (days)
481	ACUTE_CARE_I	Char	1	Acute Care Incomplete
482	IMMEDIATE_CARE	Num	8	Immediate Care (days)
483	IMMEDIATE_CARE_I	Char	1	Immediate Care Incomplete
484	DISCONTINUE_INOTROPES	Num	8	Discontinue Inotropes
485	DISCHARGE_STATUS	Num	8	Discharge Status
486	DIS_INT_TRANSPLANT	Num	8	*#Intervention Since Implant: Transplant#*
487	DIS_INT_INV_CARD_PROC	Num	8	*#Intervention Since Implant: Invasive Cardiac Procedure (not Heart Cath)#*
488	DIS_INT_UNKNOWN	Num	8	*#Intervention Since Implant: Unknown#*
489	DIS_INT_NONE	Num	8	*#Intervention Since Implant: None#*
490	DIS_INT_SURG_PROC_DEV	Num	8	*#Intervention Since Implant: Surgical Procedures: Device Related Operation#*
491	DIS_INT_SURG_PROC_NC	Num	8	*#Intervention Since Implant: Surgical Procedures: Non Cardiac Surgical Procedure#*

Num	Variable	Type	Len	Label
492	DIS_INT_SURG_PROC_OTHER	Num	8	*#Intervention Since Implant: Surgical Procedures: Other Procedure#*
493	DIS_INT_SURG_PROC_UNKNOWN	Num	8	*#Intervention Since Implant: Surgical Procedures: Unknown#*
494	DIS_INT_BLEED_GT_48	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: Reoperation for Bleeding/Tamponade > 48 Hours#*
495	DIS_INT_BLEED_LE_48	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: Reoperation for Bleeding Within 48 Hours of Implant#*
496	DIS_INT_DRAINAGE	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: Surgical Drainage or Pericardial Effusion#*
497	DIS_INT_AV_S_REPAIR_NC	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: AV Surgery - Repair (No Valve Closure)#*
498	DIS_INT_AV_S_REPAIR_WC	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: AV Surgery - Repair with Valve Closure#*
499	DIS_INT_AV_S_REPLACE_BIO	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: AV Surgery - Replacement - Biological#*
500	DIS_INT_AV_S_REPLACE_MECH	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: AV Surgery - Replacement - Mechanical#*
501	DIS_INT_MVS_REPAIR	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: MV Surgery - Repair#*
502	DIS_INT_MVS_REPLACE_BIO	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: MV Surgery - Replacement - Biological#*
503	DIS_INT_MVS_REPLACE_MECH	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: MV Surgery - Replacement - Mechanical#*
504	DIS_INT_TVS_REPAIR_DEVEGA	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: TV Surgery - Repair - DeVega#*
505	DIS_INT_TVS_REPAIR_OTHER	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: TV Surgery - Repair - Other#*
506	DIS_INT_TVS_REPAIR_RING	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: TV Surgery - Repair - Ring#*
507	DIS_INT_TVS_REPLACE_BIO	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: TV Surgery - Replacement - Biological#*
508	DIS_INT_TVS_REPLACE_MECH	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: TV Surgery - Replacement - Mechanical#*
509	DIS_INT_PVS_REPAIR	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: PV Surgery - Repair#*
510	DIS_INT_PVS_REPLACE_BIO	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: PV Surgery - Replacement - Biological#*
511	DIS_INT_PVS_REPLACE_MECH	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: PV Surgery - Replacement - Mechanical#*
512	DIS_INT_CARD_OTHER	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: Other Cardiac Surgical Procedure#*
513	DIS_INT_CARD_UNKNOWN	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: Unknown#*
514	DIS_INT_REINTUBATION	Num	8	*#Intervention Since Implant: Other Procedures: Reintubation Due to Respiratory Failure#*
515	DIS_INT_DIALYSIS	Num	8	*#Intervention Since Implant: Other Procedures: Dialysis#*



Num	Variable	Type	Len	Label
516	DIS_INT_BRONCHOSCOPY	Num	8	*#Intervention Since Implant: Other Procedures: Bronchoscopy#*
517	DIS_INT_OTHER	Num	8	*#Intervention Since Implant: Other Procedures: Other#*
518	PBRC	Num	8	PBRC
519	PBRC_I	Char	1	PBRC Incomplete
520	EXTUBATION	Num	8	Extubation Date
521	TRANSFUSION	Char	1	Transfusion
522	INTV_HR_CATH_CARD_OUTPUT	Num	8	Interventions Since Implant: Heart Cath: Cardiac Output
523	INTV_HR_CATH_CARD_OUTPUT_I	Char	1	Interventions Since Implant: Heart Cath: Cardiac Output Incomplete
524	INTV_HR_CATH_CVP_PA_DIA	Num	8	Interventions Since Implant: Heart Cath: PA Diastolic
525	INTV_HR_CATH_CVP_PA_DIA_I	Char	1	Interventions Since Implant: Heart Cath: PA Diastolic Incomplete
526	INTV_HR_CATH_CVP_PA_SYS	Num	8	Interventions Since Implant: Heart Cath: PA Systolic
527	INTV_HR_CATH_CVP_PA_SYS_I	Char	1	Interventions Since Implant: Heart Cath: PA Systolic Incomplete
528	INTV_HR_CATH_CVP_PCW	Num	8	Interventions Since Implant: Heart Cath: PCW Pressure
529	INTV_HR_CATH_CVP_PCW_I	Char	1	Interventions Since Implant: Heart Cath: PCW Pressure Incomplete
530	PEDS_PATIENT_REPORT_ID	Num	8	PediMACS Patient Report ID
531	DEVICE_FUNC_NORM	Char	1	Device Function Normal
532	DEATH_LOCATION	Num	8	Death Location
533	DEATH_DEVICE_EXPLANT	Char	1	Device Explanted at Death
534	DEVICE_TO_MANUF	Char	1	Device Returned to Manufacturer
535	PRIMARY_COD	Num	8	Primary Cause of Death
536	PRIMARY_COD_CANCER	Num	8	Primary Cause of Death Cancer
537	DEVICE_MAL_OPER	Char	1	#Operation Associated with the Device Malfunction#
538	EXPLANT_DEVICE_TY	Num	8	Explanted Device Type
539	EXPLANT_REASON	Num	8	Explant Reason
540	EXCH_NEW_STUDY	Char	1	#Exchanged - Device Part of an FDA IDE Trial#
541	EXPLANT_EXCH_DEV_MAL_ELEC	Num	8	*\$Explant Reason - Exchange (Device Malfunction: Elective)\$*
542	EXPLANT_EXCH_DEV_MAL_EMER	Num	8	*\$Explant Reason - Exchange (Device Malfunction: Emergent)\$*
543	EXPLANT_EXCH_DEV_THR_ELEC	Num	8	*\$Explant Reason - Exchange (Device Thrombosis: Elective)\$*
544	EXPLANT_EXCH_DEV_THR_EMER	Num	8	*\$Explant Reason - Exchange (Device Thrombosis: Emergent)\$*
545	EXPLANT_EXCH_INFECT_ELEC	Num	8	*\$Explant Reason - Exchange (Infection: Elective)\$*
546	EXPLANT_EXCH_INFECT_EMER	Num	8	*\$Explant Reason - Exchange (Infection: Emergent)\$*
547	EXPLANT_EXCH_OTHER	Num	8	*\$Explant Reason - Exchange (Other)\$*
548	EXPLANT_NO_NEW_RECOVER	Num	8	*\$Explant Reason - No New Device (Recovery)\$*
549	EXPLANT_NO_NEW_WOS	Num	8	*\$Explant Reason - No New Device (Withdrawal of Support)\$*
550	EXPLANT_NO_NEW_DEV_MAL_ELEC	Num	8	*\$Explant Reason - No New Device (Device Malfunction: Elective)\$*
551	EXPLANT_NO_NEW_DEV_MAL_EMER	Num	8	*\$Explant Reason - No New Device (Device Malfunction: Emergent)\$*

Num	Variable	Type	Len	Label
552	EXPLANT_NO_NEW_DEV_THR_ELEC	Num	8	*\$Explant Reason - No New Device (Device Thrombosis - Elective)\$*
553	EXPLANT_NO_NEW_DEV_THR_EMER	Num	8	*\$Explant Reason - No New Device (Device Thrombosis - Emergent)\$*
554	EXPLANT_NO_NEW_INFECT_ELEC	Num	8	*\$Explant Reason - No New Device (Infection: Elective)\$*
555	EXPLANT_NO_NEW_INFECT_EMER	Num	8	*\$Explant Reason - No New Device (Infection: Emergent)\$*
556	EXPLANT_NO_NEW_OTHER	Num	8	*\$Explant Reason - No New Device (Other)\$*
557	EXPLANT_TRN_OFF_RECOVER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Recovery)\$*
558	EXPLANT_TRN_OFF_WOS	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Withdrawal of Support)\$*
559	EXPLANT_TRN_OFF_DEV_MAL_ELEC	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Device Malfunction: Elective)\$*
560	EXPLANT_TRN_OFF_DEV_MAL_EMER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Device Malfunction: Emergent)\$*
561	EXPLANT_TRN_OFF_DEV_THR_ELEC	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Device Thrombosis - Elective)\$*
562	EXPLANT_TRN_OFF_DEV_THR_EMER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Device Thrombosis - Emergent)\$*
563	EXPLANT_TRN_OFF_INFECT_ELEC	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Infection: Elective)\$*
564	EXPLANT_TRN_OFF_INFECT_EMER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Infection: Emergent)\$*
565	EXPLANT_TRN_OFF_OTHER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Other)\$*
566	EXPLANT_DEATH_THROM	Char	1	\$Explant Reason - Death: Pump Thrombosis\$
567	EXPLANT_TXPL_THROM	Char	1	\$Explant Reason - Transplant: Pump Thrombosis\$
568	DEAD	Num	8	Dead indicator (1=Dead/0=NotDead) - BDV
569	TXPL	Num	8	Transplant indicator (1=Txpl/0=NoTxpl) - BDV
570	REC	Num	8	Explant for Recovery indicator (1=Rec/0=NoRec) - BDV
571	EXPL	Num	8	Explant indicator (1=Expl/0=NoExpl) - BDV
572	INT_TXPL	Num	8	Interval from implant to transplant (mths)- DV
573	INT_DEAD	Num	8	Interval from implant to death (mths) - DV
574	INT_REC	Num	8	Interval from implant to explant due to recovery (mths) - DV
575	INT_EXPL	Num	8	Interval from implant to explant (mths) - BDV
576	LOS	Num	8	Length of stay from implant to discharge (mths) - BDV
577	MED_PRE_IMP_LOOP_DIURETICS	Char	1	Loop Diuretics
578	MED_PRE_IMP_CRT	Char	1	Cardiac Resynchronization Therapy
579	MED_PRE_IMP_DIURETICTYPE_FUROS	Num	8	*Diuretic Type (Furosemide)*
580	MED_PRE_IMP_DIURETICTYPE_TORSE	Num	8	*Diuretic Type (Torsemide)*
581	MED_PRE_IMP_DIURETICTYPE BUMET	Num	8	*Diuretic Type (Bumetanide)*
582	MED_PRE_IMP_DIURETICTYPE_OTHER	Num	8	*Diuretic Type (Other)*
583	MED_PRE_IMP_LD_DOSE_MG	Num	8	Loop Diuretic Dose (mg)
584	MED_PRE_IMP_LD_DOSE_MG_I	Char	1	Loop Diuretic Dose Incomplete

Num	Variable	Type	Len	Label
585	BUN_I	Char	1	BUN Incomplete
586	CREAT_I	Char	1	Creatinine Incomplete
587	BILI_TOTAL_I	Char	1	Bilirubin Total Incomplete
588	BILI_DIRECT_MG_DL	Num	8	Bilirubin Direct (mg/dL)
589	BILI_DIRECT_UMOL_L	Num	8	Bilirubin Direct (umol/L)
590	BILI_DIRECT_I	Char	10	Bilirubin Direct Incomplete
591	BILI_INDIRECT_MG_DL	Num	8	Bilirubin Indirect (mg/dL)
592	BILI_INDIRECT_UMOL_L	Num	8	Bilirubin Indirect (umol/L)
593	BILI_INDIRECT_I	Char	1	Bilirubin Indirect Incomplete
594	SODIUM_I	Char	1	Sodium Incomplete
595	INR_I	Char	1	INR Incomplete
596	WBC_I	Char	1	White Blood Cell Count Incomplete
597	PLATELET_I	Char	1	Platelets Incomplete
598	SGOT_AST_I	Char	1	Aspartate Aminotransferase/AST Incomplete
599	SGPT_ALT_I	Char	1	Alanine Aminotransferase/ALT Incomplete
600	CHOLESTEROL_I	Char	1	Cholesterol Incomplete
601	CRP_I	Char	1	CRP Incomplete
602	POTASSIUM_I	Char	1	Potassium Incomplete
603	HEMOGLOBIN_I	Char	1	Hemoglobin Incomplete
604	RETICULOCYTE	Num	8	Reticulocyte (%)
605	RETICULOCYTE_I	Char	1	Reticulocyte Incomplete
606	PLASMA_FREE_HEMO_MG_DL	Num	8	Plasma-free Hemoglobin (mg/dL)
607	PLASMA_FREE_HEMO_G_L	Num	8	Plasma-free Hemoglobin (g/L)
608	PLASMA_FREE_HEMO_I	Char	1	Plasma-free Hemoglobin Incomplete
609	HIT	Char	1	HIT
610	THROMBIN_INHIB	Char	1	Thrombin Inhibitors
611	THROMBIN_INHIB_DRUG_ASPIRIN	Num	8	*Thrombin Inhibitors: Drug (Aspirin)*
612	THROMBIN_INHIB_DRUG_DIPYRID	Num	8	*Thrombin Inhibitors: Drug (Dipyridamole)*
613	THROMBIN_INHIB_DRUG_PLAVIX	Num	8	*Thrombin Inhibitors: Drug (Plavix)*
614	THROMBIN_INHIB_DRUG_HEPARIN	Num	8	*Thrombin Inhibitors: Drug (Heparin)*
615	THROMBIN_INHIB_DRUG_COUMAD	Num	8	*Thrombin Inhibitors: Drug (Coumadin)*
616	THROMBIN_INHIB_DRUG_DIRECT	Num	8	*Thrombin Inhibitors: Drug (Direct Thrombin Inhibitors (ex. arg, lip, val...))*
617	LDH_I	Char	1	LDH Incomplete
618	TEG_MAK	Num	8	ThromElastoGraph MA k
619	TEG_MAK_I	Char	1	ThromElastoGraph MA k Incomplete
620	TEG_RK	Num	8	ThromElastoGraph R k
621	TEG_RK_I	Char	1	ThromElastoGraph R k Incomplete
622	TEG_RH	Num	8	ThromElastoGraph R h

Num	Variable	Type	Len	Label
623	TEG_RH_I	Char	1	ThromElastoGraph R h Incomplete
624	PRE_ALBUMIN_I	Char	1	Pre-albumin Incomplete
625	ALBUMIN_I	Char	1	Albumin Incomplete
626	BNP_I	Char	1	Brain Natriuretic Peptide Incomplete
627	PRO_BNP_I	Char	1	Pro Brain Natriuretic Peptide Incomplete
628	TEG_PARENT	Char	1	#TEG Done#
629	HEMO_A1C_PERCENT	Num	8	\$Hemoglobin A1C (%)\$
630	HEMO_A1C_MMOL_MOL	Num	8	\$Hemoglobin A1C (mmol/mol)\$
631	HEMO_EAG_MG_DL	Num	8	\$Estimated Average Glucose (mg/dL)\$
632	HEMO_EAG_MMOL_L	Num	8	\$Estimated Average Glucose (mmol/L)\$
633	HEMO_A1C_I	Char	1	\$Hemoglobin A1C Incomplete\$
634	SYS_BP	Num	8	#Systolic Blood Pressure#
635	SYS_BP_I	Char	1	#Systolic Blood Pressure Incomplete#
636	DIA_BP	Num	8	#Diastolic Blood Pressure#
637	DIA_BP_I	Char	1	#Diastolic Blood Pressure Incomplete#
638	GH_WGT_KG	Num	8	General Hemodynamics Weight (kg)
639	GH_WGT_LBS	Num	8	General Hemodynamics Weight (lbs)
640	MAP	Num	8	#Mean Arterial Blood Pressure#
641	MAP_I	Char	1	#Mean Arterial Blood Pressure Incomplete#
642	GH_WGT_KG_I	Char	1	General Hemodynamics Weight (kg) Incomplete
643	GH_HGT_CM	Num	8	General Hemodynamics Height (cm)
644	GH_HGT_CM_I	Char	1	General Hemodynamics Height (cm) Incomplete
645	GH_HGT_IN	Num	8	General Hemodynamics Height (in)
646	LVEDD_I	Char	1	LVEDD Incomplete
647	LVSF	Num	8	LVSF
648	SYS_AV_REGURG	Num	8	Sys AV Regurgitation
649	RIGHT_AV_REGURG	Num	8	Right AV Regurgitation
650	THROMBUS	Char	1	Thrombus
651	THROMBUS_APPLY_RA	Num	8	*Thrombus Apply (RA - Right Atrium)*
652	THROMBUS_APPLY_RV	Num	8	*Thrombus Apply (RV - Right Ventricle)*
653	THROMBUS_APPLY_LA	Num	8	*Thrombus Apply (LA - Left Atrium)*
654	THROMBUS_APPLY_SVC	Num	8	*Thrombus Apply (SVC - Superior Vena Cava)*
655	THROMBUS_APPLY_IVC	Num	8	*Thrombus Apply (IVC - Inferior Vena Cava)*
656	THROMBUS_APPLY_UNKNOWN	Num	8	*Thrombus Apply (Unknown)*
657	THROMBUS_APPLY_LV	Num	8	*#Thrombus Apply (LV - Left Ventricle)#*
658	CARDIAC_INDEX_I	Char	1	Cardiac Index Incomplete
659	CV_PRES_I	Char	1	Central Venous Pressure Incomplete
660	HR_RATE_I	Char	1	Heart Rate Incomplete
661	PUL_SYS_PRES_I	Char	1	Pulmonary Artery Systolic Pressure Incomplete

Num	Variable	Type	Len	Label
662	PUL_DIA_PRES_I	Char	1	Pulmonary Artery Diastolic Pressure Incomplete
663	RA_PRES_I	Char	1	Mean RA Pressure Incomplete
664	PVR	Num	8	Pulmonary Vascular Resistance (wood units)
665	PVR_I	Char	1	Pulmonary Vascular Resistance Incomplete
666	PUL_WEDGE_PRES_I	Char	1	Pulmonary Artery Wedge Pressure Incomplete
667	CI_FICK_THERM_YN	Char	1	#CI Done via Fick or Thermodilution#
668	CI_FICK	Num	8	*#CI Done via Fick#*
669	CI_THERM	Num	8	*#CI Done via Thermodilution#*
670	GAITSPEED	Num	8	Gait Speed (sec)
671	GAITSPEED_I	Char	1	Gait Speed Incomplete
672	GAITSPEED_FT_SEC	Num	8	Gait Speed (Feet/Sec) - DV
673	GAITSPEED_M_SEC	Num	8	Gait Speed (Meters/Sec) - DV
674	NYHA	Num	8	NYHA Class
675	REHOSPITALIZED	Char	1	Rehospitalized
676	ROSS_CLASS_HR_FAIL	Num	8	Ross Class Heart Failure Patient
677	ROSS_CLASS_II_MLD_TACHY	Num	8	*Ross Class II (Mild Tachypnea with Feeds in Infant)*
678	ROSS_CLASS_II_MLD_DIAPH	Num	8	*Ross Class II (Mild Diaphoresis with Feeds in Infant)*
679	ROSS_CLASS_II_DYSPNEA	Num	8	*Ross Class II (Dyspnea on Exercise in Older Children)*
680	ROSS_CLASS_II_UNKNOWN	Num	8	*Ross Class II (Unknown)*
681	ROSS_CLASS_III_MRK_TACHY	Num	8	*Ross Class III (Marked Tachypnea with Exertion or with Feeding)*
682	ROSS_CLASS_III_MRK_DIAPH	Num	8	*Ross Class III (Marked Diaphoresis with Exertion or with Feeding)*
683	ROSS_CLASS_III_UNKNOWN	Num	8	*Ross Class III (Unknown)*
684	ROSS_CLASS_IV_TACHY	Num	8	*Ross Class IV (Tachypnea)*
685	ROSS_CLASS_IV_RETRACT	Num	8	*Ross Class IV (Retractions)*
686	ROSS_CLASS_IV_GRUNT	Num	8	*Ross Class IV (Grunting)*
687	ROSS_CLASS_IV_DIAPH	Num	8	*Ross Class IV (Diaphoresis)*
688	ROSS_CLASS_IV_UNKNOWN	Num	8	*Ross Class IV (Unknown)*
689	SEDATED	Char	1	Sedated
690	PARALYZED	Char	1	Paralyzed
691	INTUBATED	Char	1	Intubated
692	AMBULATING	Char	1	Ambulating
693	PRIMARY_NUTR	Num	8	Primary Nutrition
694	CONCSURG	Num	8	Concomitant Surgery (1,0)
695	WGT_G	Num	8	Weight(g)
696	VOLUME_2014	Num	8	# implants for site for implant year 2014
697	VOLUME_2015	Num	8	# implants for site for implant year 2015
698	VOLUME_2016	Num	8	# implants for site for implant year 2016

Num	Variable	Type	Len	Label
699	DEV_COUNTER	Num	8	device # in PEDIMACS
700	IMPL_YR	Num	8	Implant Year
701	LV_PULS	Num	8	Pulsatile: 1-pulsatile 0-continuous flow - BDV
702	LV_FLOW	Char	17	Continuous flow or pulsatile - BDV
703	OPER_ID	Num	8	Operation ID
704	INTOP1TO	Num	8	Interval from First Device to this Implant (months) - BDV
705	OP	Num	8	Operation Count - BDV
706	OP1EVTID	Num	8	Patient 1st Device ID
707	OP1DEAD	Num	8	Opr 1: Death indicator (1=Dead/0=NotDead) - BDV
708	OP1TXPL	Num	8	Opr 1: transplant indicator (1=Txpl/0=NoTxpl) -BDV
709	OP1REC	Num	8	Opr 1: Recovery indicator (1=Rec/0=NoRec) - BDV
710	OP1EXPL	Num	8	Opr 1: Explant indicator (1=Expl/0=NoExpl) - BDV
711	OP1COD	Num	8	Opr 1: Primary COD
712	OP1CONT	Num	8	Opr 1: Continous flow device (1=Cont/0=Puls) - BDV
713	OP1DEVTY	Char	6	Opr 1: Device type
714	OP1DEV_TY	Num	8	Opr 1: Device Type
715	OP1EXPDEV	Num	8	Opr 1: Explant Device
716	OP1EXPREA	Num	8	Opr 1: Explant reason
717	OP1INTD	Num	8	Opr 1: interval from implant to death (months)
718	OP1INTT	Num	8	Opr 1: interval from implant to txpl (months)
719	OP1INTR	Num	8	Opr 1: interval from implant to recovery (months)
720	OP1LV_TEMP	Num	8	OP1: Left Ventricular temporary device (1=Yes/0=No)
721	OP1LV_DURABLE	Num	8	OP1: Left Ventricular durable device (1=Yes/0=No)
722	OP1LV_CONT	Num	8	OP1: Left Ventricular continuous flow pump (1=Yes/0=No)
723	OP1LV_PULS	Num	8	OP1: Left Ventricular pulsatile flow pump (1=Yes/0=No)
724	OP1LV_AXIAL	Num	8	OP1: Left Ventricular axial flow pump (1=Yes/0=No)
725	OP1LV_CENTRIFUGAL	Num	8	OP1: Left Ventricular centrifugal flow pump (1=Yes/0=No)
726	OP1LV_PERC	Num	8	OP1: Left Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
727	OP1LV_SURG	Num	8	OP1: Left Ventricular surgical/intracorporeal device (1=Yes/0=No)
728	OP1RV_TEMP	Num	8	OP1: Right Ventricular temporary device (1=Yes/0=No)
729	OP1RV_DURABLE	Num	8	OP1: Right Ventricular durable device (1=Yes/0=No)
730	OP1RV_CONT	Num	8	OP1: Right Ventricular continuous flow pump (1=Yes/0=No)
731	OP1RV_PULS	Num	8	OP1: Right Ventricular pulsatile flow pump (1=Yes/0=No)
732	OP1RV_AXIAL	Num	8	OP1: Right Ventricular axial flow pump (1=Yes/0=No)
733	OP1RV_CENTRIFUGAL	Num	8	OP1: Right Ventricular centrifugal flow pump (1=Yes/0=No)
734	OP1RV_PERC	Num	8	OP1: Right Ventricular percutaneous/paracorporeal device (1=Yes/0=No)

Num	Variable	Type	Len	Label
735	OP1RV_SURG	Num	8	OP1: Right Ventricular surgical/intracorporeal device (1=Yes/0=No)
736	OP2EVTID	Num	8	Patient 2nd Device ID
737	OP2DEAD	Num	8	Opr 2: Death indicator (1=Dead/0=NotDead) - BDV
738	OP2TXPL	Num	8	Opr 2: transplant indicator (1=Txpl/0=NoTxpl) -BDV
739	OP2REC	Num	8	Opr 2: Recovery indicator (1=Rec/0=NoRec) - BDV
740	OP2EXPL	Num	8	Opr 2: Explant indicator (1=Expl/0=NoExpl) - BDV
741	OP2COD	Num	8	Opr 2: Primary COD
742	OP2CONT	Num	8	Opr 2: Continous flow device (1=Cont/0=Puls) - BDV
743	OP2DEVTY	Char	6	Opr 2: Device type
744	OP2DEV_TY	Num	8	Opr 2: Device Type
745	OP2EXPREA	Num	8	Opr 2: Explant reason
746	OP2EXPDEV	Num	8	Opr 2: Explant Device
747	OP2INTD	Num	8	Opr 2: interval from implant to death (months)
748	OP2INTT	Num	8	Opr 2: interval from implant to txpl (months)
749	OP2INTR	Num	8	Opr 2: interval from implant to recovery (months)
750	OP2LV_TEMP	Num	8	OP2: Left Ventricular temporary device (1=Yes/0=No)
751	OP2LV_DURABLE	Num	8	OP2: Left Ventricular durable device (1=Yes/0=No)
752	OP2LV_CONT	Num	8	OP2: Left Ventricular continuous flow pump (1=Yes/0=No)
753	OP2LV_PULS	Num	8	OP2: Left Ventricular pulsatile flow pump (1=Yes/0=No)
754	OP2LV_AXIAL	Num	8	OP2: Left Ventricular axial flow pump (1=Yes/0=No)
755	OP2LV_CENTRIFUGAL	Num	8	OP2: Left Ventricular centrifugal flow pump (1=Yes/0=No)
756	OP2LV_PERC	Num	8	OP2: Left Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
757	OP2LV_SURG	Num	8	OP2: Left Ventricular surgical/intracorporeal device (1=Yes/0=No)
758	OP2RV_TEMP	Num	8	OP2: Right Ventricular temporary device (1=Yes/0=No)
759	OP2RV_DURABLE	Num	8	OP2: Right Ventricular durable device (1=Yes/0=No)
760	OP2RV_CONT	Num	8	OP2: Right Ventricular continuous flow pump (1=Yes/0=No)
761	OP2RV_PULS	Num	8	OP2: Right Ventricular pulsatile flow pump (1=Yes/0=No)
762	OP2RV_AXIAL	Num	8	OP2: Right Ventricular axial flow pump (1=Yes/0=No)
763	OP2RV_CENTRIFUGAL	Num	8	OP2: Right Ventricular centrifugal flow pump (1=Yes/0=No)
764	OP2RV_PERC	Num	8	OP2: Right Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
765	OP2RV_SURG	Num	8	OP2: Right Ventricular surgical/intracorporeal device (1=Yes/0=No)
766	OP3EVTID	Num	8	Patient 3rd Device ID
767	OP3DEAD	Num	8	Opr 3: Death indicator (1=Dead/0=NotDead) - BDV
768	OP3TXPL	Num	8	Opr 3: transplant indicator (1=Txpl/0=NoTxpl) -BDV
769	OP3REC	Num	8	Opr 3: Recovery indicator (1=Rec/0=NoRec) - BDV

Num	Variable	Type	Len	Label
770	OP3EXPL	Num	8	Opr 3: Explant indicator (1=Expl/0=NoExpl) - BDV
771	OP3COD	Num	8	Opr 3: Primary COD
772	OP3DEV_TY	Num	8	Opr 3: Device Type
773	OP3CONT	Num	8	Opr 3: Continous flow device (1=Cont/0=Puls) - BDV
774	OP3DEVTY	Char	6	Opr 3: Device type
775	OP3EXPDEV	Num	8	Opr 3: Explant Device
776	OP3EXPREA	Num	8	Opr 3: Explant reason
777	OP3INTD	Num	8	Opr 3: interval from implant to death (months)
778	OP3INTT	Num	8	Opr 3: interval from implant to txpl (months)
779	OP3INTR	Num	8	Opr 3: interval from implant to recovery (months)
780	OP3LV_TEMP	Num	8	OP3: Left Ventricular temporary device (1=Yes/0=No)
781	OP3LV_DURABLE	Num	8	OP3: Left Ventricular durable device (1=Yes/0=No)
782	OP3LV_CONT	Num	8	OP3: Left Ventricular continuous flow pump (1=Yes/0=No)
783	OP3LV_PULS	Num	8	OP3: Left Ventricular pulsatile flow pump (1=Yes/0=No)
784	OP3LV_AXIAL	Num	8	OP3: Left Ventricular axial flow pump (1=Yes/0=No)
785	OP3LV_CENTRIFUGAL	Num	8	OP3: Left Ventricular centrifugal flow pump (1=Yes/0=No)
786	OP3LV_PERC	Num	8	OP3: Left Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
787	OP3LV_SURG	Num	8	OP3: Left Ventricular surgical/intracorporeal device (1=Yes/0=No)
788	OP3RV_TEMP	Num	8	OP3: Right Ventricular temporary device (1=Yes/0=No)
789	OP3RV_DURABLE	Num	8	OP3: Right Ventricular durable device (1=Yes/0=No)
790	OP3RV_CONT	Num	8	OP3: Right Ventricular continuous flow pump (1=Yes/0=No)
791	OP3RV_PULS	Num	8	OP3: Right Ventricular pulsatile flow pump (1=Yes/0=No)
792	OP3RV_AXIAL	Num	8	OP3: Right Ventricular axial flow pump (1=Yes/0=No)
793	OP3RV_CENTRIFUGAL	Num	8	OP3: Right Ventricular centrifugal flow pump (1=Yes/0=No)
794	OP3RV_PERC	Num	8	OP3: Right Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
795	OP3RV_SURG	Num	8	OP3: Right Ventricular surgical/intracorporeal device (1=Yes/0=No)
796	OP4EVTID	Num	8	Patient 4th Device ID
797	OP4DEAD	Num	8	Opr 4: Death indicator (1=Dead/0=NotDead) - BDV
798	OP4TXPL	Num	8	Opr 4: transplant indicator (1=Txpl/0=NoTxpl) -BDV
799	OP4REC	Num	8	Opr 4: Recovery indicator (1=Rec/0=NoRec) - BDV
800	OP4EXPL	Num	8	Opr 4: Explant indicator (1=Expl/0=NoExpl) - BDV
801	OP4COD	Num	8	Opr 4: Primary COD
802	OP4DEV_TY	Num	8	Opr 4: Device Type
803	OP4CONT	Num	8	Opr 4: Continous flow device (1=Cont/0=Puls) - BDV
804	OP4DEVTY	Char	6	Opr 4: Device type
805	OP4EXPDEV	Num	8	Opr 4: Explant Device



Num	Variable	Type	Len	Label
806	OP4EXPREA	Num	8	Opr 4: Explant reason
807	OP4INTD	Num	8	Opr 4: interval from implant to death (months)
808	OP4INTT	Num	8	Opr 4: interval from implant to txpl (months)
809	OP4INTR	Num	8	Opr 4: interval from implant to recovery (months)
810	OP4LV_TEMP	Num	8	OP4: Left Ventricular temporary device (1=Yes/0=No)
811	OP4LV_DURABLE	Num	8	OP4: Left Ventricular durable device (1=Yes/0=No)
812	OP4LV_CONT	Num	8	OP4: Left Ventricular continuous flow pump (1=Yes/0=No)
813	OP4LV_PULS	Num	8	OP4: Left Ventricular pulsatile flow pump (1=Yes/0=No)
814	OP4LV_AXIAL	Num	8	OP4: Left Ventricular axial flow pump (1=Yes/0=No)
815	OP4LV_CENTRIFUGAL	Num	8	OP4: Left Ventricular centrifugal flow pump (1=Yes/0=No)
816	OP4LV_PERC	Num	8	OP4: Left Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
817	OP4LV_SURG	Num	8	OP4: Left Ventricular surgical/intracorporeal device (1=Yes/0=No)
818	OP4RV_TEMP	Num	8	OP4: Right Ventricular temporary device (1=Yes/0=No)
819	OP4RV_DURABLE	Num	8	OP4: Right Ventricular durable device (1=Yes/0=No)
820	OP4RV_CONT	Num	8	OP4: Right Ventricular continuous flow pump (1=Yes/0=No)
821	OP4RV_PULS	Num	8	OP4: Right Ventricular pulsatile flow pump (1=Yes/0=No)
822	OP4RV_AXIAL	Num	8	OP4: Right Ventricular axial flow pump (1=Yes/0=No)
823	OP4RV_CENTRIFUGAL	Num	8	OP4: Right Ventricular centrifugal flow pump (1=Yes/0=No)
824	OP4RV_PERC	Num	8	OP4: Right Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
825	OP4RV_SURG	Num	8	OP4: Right Ventricular surgical/intracorporeal device (1=Yes/0=No)
826	OP5EVTID	Num	8	Patient 5th Device ID
827	OP5DEAD	Num	8	Opr 5: Death indicator (1=Dead/0=NotDead) - BDV
828	OP5TXPL	Num	8	Opr 5: transplant indicator (1=Txpl/0=NoTxpl) -BDV
829	OP5REC	Num	8	Opr 5: Recovery indicator (1=Rec/0=NoRec) - BDV
830	OP5EXPL	Num	8	Opr 5: Explant indicator (1=Expl/0=NoExpl) - BDV
831	OP5COD	Num	8	Opr 5: Primary COD
832	OP5DEV_TY	Num	8	Opr 5: Device Type
833	OP5CONT	Num	8	Opr 5: Continous flow device (1=Cont/0=Puls) - BDV
834	OP5DEVTY	Char	6	Opr 5: Device type
835	OP5EXPDEV	Num	8	Opr 5: Explant Device
836	OP5EXPREA	Num	8	Opr 5: Explant reason
837	OP5INTD	Num	8	Opr 5: interval from implant to death (months)
838	OP5INTT	Num	8	Opr 5: interval from implant to txpl (months)
839	OP5INTR	Num	8	Opr 5: interval from implant to recovery (months)
840	OP5LV_TEMP	Num	8	OP5: Left Ventricular temporary device (1=Yes/0=No)
841	OP5LV_DURABLE	Num	8	OP5: Left Ventricular durable device (1=Yes/0=No)

Num	Variable	Type	Len	Label
842	OP5LV_CONT	Num	8	OP5: Left Ventricular continuous flow pump (1=Yes/0=No)
843	OP5LV_PULS	Num	8	OP5: Left Ventricular pulsatile flow pump (1=Yes/0=No)
844	OP5LV_AXIAL	Num	8	OP5: Left Ventricular axial flow pump (1=Yes/0=No)
845	OP5LV_CENTRIFUGAL	Num	8	OP5: Left Ventricular centrifugal flow pump (1=Yes/0=No)
846	OP5LV_PERC	Num	8	OP5: Left Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
847	OP5LV_SURG	Num	8	OP5: Left Ventricular surgical/intracorporeal device (1=Yes/0=No)
848	OP5RV_TEMP	Num	8	OP5: Right Ventricular temporary device (1=Yes/0=No)
849	OP5RV_DURABLE	Num	8	OP5: Right Ventricular durable device (1=Yes/0=No)
850	OP5RV_CONT	Num	8	OP5: Right Ventricular continuous flow pump (1=Yes/0=No)
851	OP5RV_PULS	Num	8	OP5: Right Ventricular pulsatile flow pump (1=Yes/0=No)
852	OP5RV_AXIAL	Num	8	OP5: Right Ventricular axial flow pump (1=Yes/0=No)
853	OP5RV_CENTRIFUGAL	Num	8	OP5: Right Ventricular centrifugal flow pump (1=Yes/0=No)
854	OP5RV_PERC	Num	8	OP5: Right Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
855	OP5RV_SURG	Num	8	OP5: Right Ventricular surgical/intracorporeal device (1=Yes/0=No)
856	OP6EVTID	Num	8	Patient 6th Device ID
857	OP6DEAD	Num	8	Opr 6: Death indicator (1=Dead/0=NotDead) - BDV
858	OP6TXPL	Num	8	Opr 6: transplant indicator (1=Txpl/0=NoTxpl) -BDV
859	OP6REC	Num	8	Opr 6: Recovery indicator (1=Rec/0=NoRec) - BDV
860	OP6EXPL	Num	8	Opr 6: Explant indicator (1=Expl/0=NoExpl) - BDV
861	OP6COD	Num	8	Opr 6: Primary COD
862	OP6DEV_TY	Num	8	Opr 6: Device Type
863	OP6CONT	Num	8	Opr 6: Continous flow device (1=Cont/0=Puls) - BDV
864	OP6DEVTY	Char	6	Opr 6: Device type
865	OP6EXPDEV	Num	8	Opr 6: Explant Device
866	OP6EXPREA	Num	8	Opr 6: Explant reason
867	OP6INTD	Num	8	Opr 6: interval from implant to death (months)
868	OP6INTT	Num	8	Opr 6: interval from implant to txpl (months)
869	OP6INTR	Num	8	Opr 6: interval from implant to recovery (months)
870	OP6LV_TEMP	Num	8	OP6: Left Ventricular temporary device (1=Yes/0=No)
871	OP6LV_DURABLE	Num	8	OP6: Left Ventricular durable device (1=Yes/0=No)
872	OP6LV_CONT	Num	8	OP6: Left Ventricular continuous flow pump (1=Yes/0=No)
873	OP6LV_PULS	Num	8	OP6: Left Ventricular pulsatile flow pump (1=Yes/0=No)
874	OP6LV_AXIAL	Num	8	OP6: Left Ventricular axial flow pump (1=Yes/0=No)
875	OP6LV_CENTRIFUGAL	Num	8	OP6: Left Ventricular centrifugal flow pump (1=Yes/0=No)
876	OP6LV_PERC	Num	8	OP6: Left Ventricular percutaneous/paracorporeal device (1=Yes/0=No)

Num	Variable	Type	Len	Label
877	OP6LV_SURG	Num	8	OP6: Left Ventricular surgical/intracorporeal device (1=Yes/0=No)
878	OP6RV_TEMP	Num	8	OP6: Right Ventricular temporary device (1=Yes/0=No)
879	OP6RV_DURABLE	Num	8	OP6: Right Ventricular durable device (1=Yes/0=No)
880	OP6RV_CONT	Num	8	OP6: Right Ventricular continuous flow pump (1=Yes/0=No)
881	OP6RV_PULS	Num	8	OP6: Right Ventricular pulsatile flow pump (1=Yes/0=No)
882	OP6RV_AXIAL	Num	8	OP6: Right Ventricular axial flow pump (1=Yes/0=No)
883	OP6RV_CENTRIFUGAL	Num	8	OP6: Right Ventricular centrifugal flow pump (1=Yes/0=No)
884	OP6RV_PERC	Num	8	OP6: Right Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
885	OP6RV_SURG	Num	8	OP6: Right Ventricular surgical/intracorporeal device (1=Yes/0=No)
886	OP7EVTID	Num	8	Patient 7th Device ID
887	OP7DEAD	Num	8	Opr 7: Death indicator (1=Dead/0=NotDead) - BDV
888	OP7TXPL	Num	8	Opr 7: transplant indicator (1=Txpl/0=NoTxpl) -BDV
889	OP7REC	Num	8	Opr 7: Recovery indicator (1=Rec/0=NoRec) - BDV
890	OP7EXPL	Num	8	Opr 7: Explant indicator (1=Expl/0=NoExpl) - BDV
891	OP7COD	Num	8	Opr 7: Primary COD
892	OP7DEV_TY	Num	8	Opr 7: Device Type
893	OP7CONT	Num	8	Opr 7: Continous flow device (1=Cont/0=Puls) - BDV
894	OP7DEVTY	Char	6	Opr 7: Device type
895	OP7EXPDEV	Num	8	Opr 7: Explant Device
896	OP7EXPREA	Num	8	Opr 7: Explant reason
897	OP7INTD	Num	8	Opr 7: interval from implant to death (months)
898	OP7INTT	Num	8	Opr 7: interval from implant to txpl (months)
899	OP7INTR	Num	8	Opr 7: interval from implant to recovery (months)
900	OP7LV_TEMP	Num	8	OP7: Left Ventricular temporary device (1=Yes/0=No)
901	OP7LV_DURABLE	Num	8	OP7: Left Ventricular durable device (1=Yes/0=No)
902	OP7LV_CONT	Num	8	OP7: Left Ventricular continuous flow pump (1=Yes/0=No)
903	OP7LV_PULS	Num	8	OP7: Left Ventricular pulsatile flow pump (1=Yes/0=No)
904	OP7LV_AXIAL	Num	8	OP7: Left Ventricular axial flow pump (1=Yes/0=No)
905	OP7LV_CENTRIFUGAL	Num	8	OP7: Left Ventricular centrifugal flow pump (1=Yes/0=No)
906	OP7LV_PERC	Num	8	OP7: Left Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
907	OP7LV_SURG	Num	8	OP7: Left Ventricular surgical/intracorporeal device (1=Yes/0=No)
908	OP7RV_TEMP	Num	8	OP7: Right Ventricular temporary device (1=Yes/0=No)
909	OP7RV_DURABLE	Num	8	OP7: Right Ventricular durable device (1=Yes/0=No)
910	OP7RV_CONT	Num	8	OP7: Right Ventricular continuous flow pump (1=Yes/0=No)
911	OP7RV_PULS	Num	8	OP7: Right Ventricular pulsatile flow pump (1=Yes/0=No)

Num	Variable	Type	Len	Label
912	OP7RV_AXIAL	Num	8	OP7: Right Ventricular axial flow pump (1=Yes/0=No)
913	OP7RV_CENTRIFUGAL	Num	8	OP7: Right Ventricular centrifugal flow pump (1=Yes/0=No)
914	OP7RV_PERC	Num	8	OP7: Right Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
915	OP7RV_SURG	Num	8	OP7: Right Ventricular surgical/intracorporeal device (1=Yes/0=No)
916	OP8EVTID	Num	8	Patient 8th Device ID
917	OP8DEAD	Num	8	Opr 8: Death indicator (1=Dead/0=NotDead) - BDV
918	OP8TXPL	Num	8	Opr 8: transplant indicator (1=Txpl/0=NoTxpl) -BDV
919	OP8REC	Num	8	Opr 8: Recovery indicator (1=Rec/0=NoRec) - BDV
920	OP8EXPL	Num	8	Opr 8: Explant indicator (1=Expl/0=NoExpl) - BDV
921	OP8COD	Num	8	Opr 8: Primary COD
922	OP8DEV_TY	Num	8	Opr 8: Device Type
923	OP8CONT	Num	8	Opr 8: Continous flow device (1=Cont/0=Puls) - BDV
924	OP8DEVTY	Char	6	Opr 8: Device type
925	OP8EXPDEV	Num	8	Opr 8: Explant Device
926	OP8EXPREA	Num	8	Opr 8: Explant reason
927	OP8INTD	Num	8	Opr 8: interval from implant to death (months)
928	OP8INTT	Num	8	Opr 8: interval from implant to txpl (months)
929	OP8INTR	Num	8	Opr 8: interval from implant to recovery (months)
930	OP8LV_TEMP	Num	8	OP8: Left Ventricular temporary device (1=Yes/0=No)
931	OP8LV_DURABLE	Num	8	OP8: Left Ventricular durable device (1=Yes/0=No)
932	OP8LV_CONT	Num	8	OP8: Left Ventricular continuous flow pump (1=Yes/0=No)
933	OP8LV_PULS	Num	8	OP8: Left Ventricular pulsatile flow pump (1=Yes/0=No)
934	OP8LV_AXIAL	Num	8	OP8: Left Ventricular axial flow pump (1=Yes/0=No)
935	OP8LV_CENTRIFUGAL	Num	8	OP8: Left Ventricular centrifugal flow pump (1=Yes/0=No)
936	OP8LV_PERC	Num	8	OP8: Left Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
937	OP8LV_SURG	Num	8	OP8: Left Ventricular surgical/intracorporeal device (1=Yes/0=No)
938	OP8RV_TEMP	Num	8	OP8: Right Ventricular temporary device (1=Yes/0=No)
939	OP8RV_DURABLE	Num	8	OP8: Right Ventricular durable device (1=Yes/0=No)
940	OP8RV_CONT	Num	8	OP8: Right Ventricular continuous flow pump (1=Yes/0=No)
941	OP8RV_PULS	Num	8	OP8: Right Ventricular pulsatile flow pump (1=Yes/0=No)
942	OP8RV_AXIAL	Num	8	OP8: Right Ventricular axial flow pump (1=Yes/0=No)
943	OP8RV_CENTRIFUGAL	Num	8	OP8: Right Ventricular centrifugal flow pump (1=Yes/0=No)
944	OP8RV_PERC	Num	8	OP8: Right Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
945	OP8RV_SURG	Num	8	OP8: Right Ventricular surgical/intracorporeal device (1=Yes/0=No)
946	OP9EVTID	Num	8	Patient 9th Device ID

Num	Variable	Type	Len	Label
947	OP9DEAD	Num	8	Opr 9: Death indicator (1=Dead/0=NotDead) - BDV
948	OP9TXPL	Num	8	Opr 9: transplant indicator (1=Txpl/0=NoTxpl) -BDV
949	OP9REC	Num	8	Opr 9: Recovery indicator (1=Rec/0=NoRec) - BDV
950	OP9EXPL	Num	8	Opr 9: Explant indicator (1=Expl/0=NoExpl) - BDV
951	OP9COD	Num	8	Opr 9: Primary COD
952	OP9DEV_TY	Num	8	Opr 9: Device Type
953	OP9CONT	Num	8	Opr 9: Continous flow device (1=Cont/0=Puls) - BDV
954	OP9DEVTY	Char	6	Opr 9: Device type
955	OP9EXPDEV	Num	8	Opr 9: Explant Device
956	OP9EXPREA	Num	8	Opr 9: Explant reason
957	OP9INTD	Num	8	Opr 9: interval from implant to death (months)
958	OP9INTT	Num	8	Opr 9: interval from implant to txpl (months)
959	OP9INTR	Num	8	Opr 9: interval from implant to recovery (months)
960	OP9LV_TEMP	Num	8	OP9: Left Ventricular temporary device (1=Yes/0=No)
961	OP9LV_DURABLE	Num	8	OP9: Left Ventricular durable device (1=Yes/0=No)
962	OP9LV_CONT	Num	8	OP9: Left Ventricular continuous flow pump (1=Yes/0=No)
963	OP9LV_PULS	Num	8	OP9: Left Ventricular pulsatile flow pump (1=Yes/0=No)
964	OP9LV_AXIAL	Num	8	OP9: Left Ventricular axial flow pump (1=Yes/0=No)
965	OP9LV_CENTRIFUGAL	Num	8	OP9: Left Ventricular centrifugal flow pump (1=Yes/0=No)
966	OP9LV_PERC	Num	8	OP9: Left Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
967	OP9LV_SURG	Num	8	OP9: Left Ventricular surgical/intracorporeal device (1=Yes/0=No)
968	OP9RV_TEMP	Num	8	OP9: Right Ventricular temporary device (1=Yes/0=No)
969	OP9RV_DURABLE	Num	8	OP9: Right Ventricular durable device (1=Yes/0=No)
970	OP9RV_CONT	Num	8	OP9: Right Ventricular continuous flow pump (1=Yes/0=No)
971	OP9RV_PULS	Num	8	OP9: Right Ventricular pulsatile flow pump (1=Yes/0=No)
972	OP9RV_AXIAL	Num	8	OP9: Right Ventricular axial flow pump (1=Yes/0=No)
973	OP9RV_CENTRIFUGAL	Num	8	OP9: Right Ventricular centrifugal flow pump (1=Yes/0=No)
974	OP9RV_PERC	Num	8	OP9: Right Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
975	OP9RV_SURG	Num	8	OP9: Right Ventricular surgical/intracorporeal device (1=Yes/0=No)
976	OP1EXDEVT	Char	6	Opr 1: Explant Device Type
977	OP2EXDEVT	Char	6	Opr 2: Explant Device Type
978	OP3EXDEVT	Char	6	Opr 3: Explant Device Type
979	OP4EXDEVT	Char	6	Opr 4: Explant Device Type
980	OP5EXDEVT	Char	6	Opr 5: Explant Device Type
981	OP6EXDEVT	Char	6	Opr 6: Explant Device Type
982	OP7EXDEVT	Char	6	Opr 7: Explant Device Type

Num	Variable	Type	Len	Label
983	OP8EXDEVT	Char	6	Opr 8: Explant Device Type
984	OP9EXDEVT	Char	6	Opr 9: Explant Device Type
985	INT_RISK	Num	8	Risk Interval - (fupdate-implant date) - in Months - DV
986	DEAD_PT	Num	8	Death Status for Patient (1=Dead/0=NotDead) - BDV
987	TXPL_PT	Num	8	Transplant Status for Patient (1=Txpl/0=NoTxpl)- BDV
988	TREC_PT	Num	8	Total Recovery Status for Patient (1=Rec/0=NoRec) - BDV
989	INT_DPT	Num	8	Death Interval for Patient - DV
990	INT_TPT	Num	8	Transplant Interval for Patient - DV
991	INT_TRPT	Num	8	Total Recovery Interval for Patient - DV
992	OP1LV_2RV	Num	8	LVAD 1st Operation with Subsequent RVAD Implant (1=Yes/0=No) - BDV
993	OP1_2INT	Num	8	Interval Between Isolated LVAD 1st Operation Implant to Subsequent RVAD Implant (mths) -BDV
994	AGE_GRP	Char	8	Age Group
995	AGE_DEIDENT	Num	8	Age at Implant (Rounded to Nearest Integer) - BDV
996	AGE_DEIDENT_LT1	Num	8	Age at Implant De-Identified < 1yr (1,0) - BDV
997	PEDS_PUBLIC_ID	Char	17	Public PediMACS patient ID

*Data Set Name: followup.sas7bdat*

Num	Variable	Type	Len	Label
1	DEAD	Num	8	Dead indicator (1=Dead/0=NotDead) - BDV
2	HGT_CM	Num	8	Height (cm)
3	WGT_KG	Num	8	Weight (kg)
4	DEVICE_STRATEGY	Num	8	Current Device Strategy
5	FORM_ID	Num	8	Form ID
6	FOL_STATUS	Num	8	Inpatient=1, Outpatient=2, Other Facility=3
7	UNABLE_OBTAIN_FOL_INFO	Num	8	Unable to Obtain Follow-Up Info
8	INTUB	Char	1	Patient Intubated
9	DIALYSIS	Char	1	Patient on Dialysis
10	FACILITY_TYPE	Num	8	Facility Type
11	CONSOLE_CHANGE	Char	1	#Pump Change: Console Change#
12	ABNORMAL_PUMP	Char	1	#Pump Malfunction / Abnormal Pump Parameters#
13	HEMOGLOBINURIA	Char	1	#Hemoglobinuria#
14	MAX_HCT	Num	8	#Maximum HCT#
15	MAX_HCT_I	Char	1	#Maximum HCT Incomplete#
16	MAX_HGB	Num	8	#Maximum HGB#
17	MAX_HGB_I	Char	1	#Maximum HGB Incomplete#
18	MIN_HCT	Num	8	#Minimum HCT#
19	MIN_HCT_I	Char	1	#Minimum HCT Incomplete#
20	MIN_HGB	Num	8	#Minimum HGB#
21	MIN_HGB_I	Char	1	#Minimum HGB Incomplete#
22	NESERITIDE	Char	1	#Right Heart Failure: Neseritide#
23	PEAK_LDH	Num	8	#Peak Serum Lactate Dehydrogenase#
24	PEAK_LDH_I	Char	1	#Peak Serum Lactate Dehydrogenase Incomplete#
25	PEAK_LDH_LIMIT	Num	8	#Upper Limit of Peak Serum Lactate Dehydrogenase#
26	PEAK_LDH_LIMIT_I	Char	1	#Upper Limit of Peak Serum Lactate Dehydrogenase Incomplete#
27	PEAK_PFHG	Num	8	#Peak Plasma-free Hemoglobin#
28	PEAK_PFHG_I	Char	1	#Peak Plasma-free Hemoglobin Incomplete#
29	PEAK_PFHG_LIMIT	Num	8	#Upper Limit of Peak Plasma-free Hemoglobin#
30	PEAK_PFHG_LIMIT_I	Char	1	#Upper Limit of Peak Plasma-free Hemoglobin Incomplete#
31	RANKIN_YN	Char	1	#Patient Experienced Neuro Event#
32	RANKIN_SCALE	Num	8	#Modified Rankin Scale#
33	RANKIN_SCALE_I	Char	1	#Modified Rankin Scale Incomplete#
34	RT_HR_FAIL_ASCITES	Char	1	#Right Heart Failure: Ascites#
35	RT_HR_FAIL_CVP_RAP	Char	1	#Right Heart Failure: CVP / RAP#
36	RT_HR_FAIL_DISTENSION	Char	1	#Right Heart Failure: Jugular Distension#

Num	Variable	Type	Len	Label
37	RT_HR_FAIL_INO	Char	1	#Right Heart Failure: Inotropes#
38	RT_HR_FAIL_INO_DOPA	Num	8	**Right Heart Failure: Inotropes: Dopamine**
39	RT_HR_FAIL_INO_DOBUT	Num	8	**Right Heart Failure: Inotropes: Dobutamine**
40	RT_HR_FAIL_INO_MILRI	Num	8	**Right Heart Failure: Inotropes: Milrinone**
41	RT_HR_FAIL_INO_ISOPRO	Num	8	**Right Heart Failure: Inotropes: Isoproterenol**
42	RT_HR_FAIL_INO_EPINEPH	Num	8	**Right Heart Failure: Inotropes: Epinephrine**
43	RT_HR_FAIL_INO_NOREPI	Num	8	**Right Heart Failure: Inotropes: Norepinephrine**
44	RT_HR_FAIL_INO_LEVOSI	Num	8	**Right Heart Failure: Inotropes: Levosimendan**
45	RT_HR_FAIL_INO_UNK	Num	8	**Right Heart Failure: Inotropes: Unknown**
46	RT_HR_FAIL_PER_EDEM	Char	1	#Right Heart Failure: Peripheral Edema#
47	RT_HR_FAIL_VENA_CAVA	Char	1	#Right Heart Failure: Dilated Vena Cava#
48	SUBSEQUENT_RVAD	Char	1	#Right Heart Failure: Subsequent RVAD Implant#
49	TOTAL_BIL_PEAK	Num	8	#Highest Total Bilirubin#
50	TOTAL_BIL_PEAK_I	Char	1	#Highest Total Bilirubin Incomplete#
51	FORM_STATUS	Char	1	Form Status
52	PBRC	Num	8	PBRC
53	PBRC_I	Char	1	PBRC Incomplete
54	TRANSFUSION	Char	1	Transfusion
55	MED_PRE_IMP_LOOP_DIURETICS	Char	1	Loop Diuretics
56	MED_PRE_IMP_CRT	Char	1	Cardiac Resynchronization Therapy
57	MED_PRE_IMP_DIURETICTYPE_FUROS	Num	8	*Diuretic Type (Furosemide)*
58	MED_PRE_IMP_DIURETICTYPE_TORSE	Num	8	*Diuretic Type (Torsemide)*
59	MED_PRE_IMP_DIURETICTYPE BUMET	Num	8	*Diuretic Type (Bumetanide)*
60	MED_PRE_IMP_DIURETICTYPE_OTHER	Num	8	*Diuretic Type (Other)*
61	MED_PRE_IMP_LD_DOSE_MG	Num	8	Loop Diuretic Dose (mg)
62	MED_PRE_IMP_LD_DOSE_MG_I	Char	1	Loop Diuretic Dose Incomplete
63	BUN_MG_DL	Num	8	BUN (mg/dL)
64	BUN_MMOL_L	Num	8	BUN (mmol/L)
65	BUN_I	Char	1	BUN Incomplete
66	CREAT_MG_DL	Num	8	Creatinine (mg/dL)
67	CREAT_UMOL_L	Num	8	Creatinine (umol/L)
68	CREAT_I	Char	1	Creatinine Incomplete
69	BILI_TOTAL_MG_DL	Num	8	Total Bilirubin (mg/dL)
70	BILI_TOTAL_UMOL_L	Num	8	Total Bilirubin (umol/L)
71	BILI_TOTAL_I	Char	1	Bilirubin Total Incomplete
72	BILI_DIRECT_MG_DL	Num	8	Bilirubin Direct (mg/dL)
73	BILI_DIRECT_UMOL_L	Num	8	Bilirubin Direct (umol/L)
74	BILI_DIRECT_I	Char	10	Bilirubin Direct Incomplete
75	BILI_INDIRECT_MG_DL	Num	8	Bilirubin Indirect (mg/dL)



Num	Variable	Type	Len	Label
76	BILI_INDIRECT_UMOL_L	Num	8	Bilirubin Indirect (umol/L)
77	BILI_INDIRECT_I	Char	1	Bilirubin Indirect Incomplete
78	SODIUM_MEQ_L	Num	8	Sodium (mEq/L)
79	SODIUM_MMOL_L	Num	8	Sodium (mmol/L)
80	SODIUM_I	Char	1	Sodium Incomplete
81	INR	Num	8	INR
82	INR_I	Char	1	INR Incomplete
83	WBC_X10_3_UL	Num	8	White Blood Cell Count ( $\times 10^3$ /uL)
84	WBC_X10_9_L	Num	8	White Blood Cell Count ( $\times 10^9$ /L)
85	WBC_I	Char	1	White Blood Cell Count Incomplete
86	PLATELET_X10_3_UL	Num	8	Platelets ( $\times 10^3$ /uL)
87	PLATELET_X10_9_L	Num	8	Platelets ( $\times 10^9$ /L)
88	PLATELET_I	Char	1	Platelets Incomplete
89	SGOT_AST	Num	8	Aspartate Aminotransferase/AST (u/L)
90	SGOT_AST_I	Char	1	Aspartate Aminotransferase/AST Incomplete
91	SGPT_ALT	Num	8	Alanine Aminotransferase/ALT (u/L)
92	SGPT_ALT_I	Char	1	Alanine Aminotransferase/ALT Incomplete
93	CHOLESTEROL_MG_DL	Num	8	Total Cholesterol (mg/dL)
94	CHOLESTEROL_MMOL_L	Num	8	Total Cholesterol (mmol/L)
95	CHOLESTEROL_I	Char	1	Cholesterol Incomplete
96	CRP	Num	8	CRP (mg/L)
97	CRP_I	Char	1	CRP Incomplete
98	POTASSIUM_MEQ_L	Num	8	Potassium (mEq/L)
99	POTASSIUM_MMOL_L	Num	8	Potassium (mmol/L)
100	POTASSIUM_I	Char	1	Potassium Incomplete
101	HEMOGLOBIN_G_DL	Num	8	Hemoglobin (g/dL)
102	HEMOGLOBIN_G_L	Num	8	Hemoglobin (g/L)
103	HEMOGLOBIN_MMOL_L	Num	8	Hemoglobin (mmol/L)
104	HEMOGLOBIN_I	Char	1	Hemoglobin Incomplete
105	RETICULOCYTE	Num	8	Reticulocyte
106	RETICULOCYTE_I	Char	1	Reticulocyte Incomplete
107	PLASMA_FREE_HEMO_MG_DL	Num	8	Plasma-free Hemoglobin (mg/dL)
108	PLASMA_FREE_HEMO_G_L	Num	8	Plasma-free Hemoglobin (g/L)
109	PLASMA_FREE_HEMO_I	Char	1	Plasma-free Hemoglobin Incomplete
110	HIT	Char	1	HIT
111	THROMBIN_INHIB	Char	1	Thrombin Inhibitors
112	THROMBIN_INHIB_DRUG_ASPIRIN	Num	8	*Thrombin Inhibitors: Drug (Aspirin)*
113	THROMBIN_INHIB_DRUG_DIPYRID	Num	8	*Thrombin Inhibitors: Drug (Dipyridamole)*
114	THROMBIN_INHIB_DRUG_PLAVIX	Num	8	*Thrombin Inhibitors: Drug (Plavix)*

Num	Variable	Type	Len	Label
115	THROMBIN_INHIB_DRUG_HEPARIN	Num	8	*Thrombin Inhibitors: Drug (Heparin)*
116	THROMBIN_INHIB_DRUG_COUMAD	Num	8	*Thrombin Inhibitors: Drug (Coumadin)*
117	THROMBIN_INHIB_DRUG_DIRECT	Num	8	*Thrombin Inhibitors: Drug (Direct Thrombin Inhibitors (ex. arg, lip, val...))*
118	LDH_U_L	Num	8	LDH (ukat/L) , (U/L)
119	LDH_L	Num	8	LDH (units/L)
120	LDH_I	Char	1	LDH Incomplete
121	TEG_MAK	Num	8	ThromElastoGraph MA k
122	TEG_MAK_I	Char	1	ThromElastoGraph MA k Incomplete
123	TEG_RK	Num	8	ThromElastoGraph R k
124	TEG_RK_I	Char	1	ThromElastoGraph R k Incomplete
125	TEG_RH	Num	8	ThromElastoGraph R h
126	TEG_RH_I	Char	1	ThromElastoGraph R h Incomplete
127	PRE_ALBUMIN_MG_DL	Num	8	Pre-albumin (mg/dL)
128	PRE_ALBUMIN_MG_L	Num	8	Pre-albumin (mg/L)
129	PRE_ALBUMIN_I	Char	1	Pre-albumin Incomplete
130	ALBUMIN_G_DL	Num	8	Albumin (g/dL)
131	ALBUMIN_G_L	Num	8	Albumin (g/L)
132	ALBUMIN_I	Char	1	Albumin Incomplete
133	BNP_PG_ML	Num	8	Brain Natriuretic Peptide (pg/mL)
134	BNP_NG_L	Num	8	Brain Natriuretic Peptide (ng/L)
135	BNP_I	Char	1	Brain Natriuretic Peptide Incomplete
136	PRO_BNP_PG_ML	Num	8	Pro Brain Natriuretic Peptide (pg/mL)
137	PRO_BNP_NG_L	Num	8	Pro Brain Natriuretic Peptide (ng/L)
138	PRO_BNP_I	Char	1	Pro Brain Natriuretic Peptide Incomplete
139	PILURICACID_MG_DL	Num	8	PIL Uric Acid (mg/dL)
140	PILURICACID_UMOL_L	Num	8	PIL Uric Acid (umol/L)
141	PILURICACID_MG_I	Char	1	PIL Uric Acid Mg Incomplete
142	LYMPH_CNT_PERCENT	Num	8	PIL Lymphocyte Count (%)
143	LYMPH_CNT_I	Char	1	PIL Lymphocyte Count Incomplete
144	LYMPH_CNT_X10_3_UL	Num	8	PIL Lymphocyte Count (x10 <sup>3</sup> cells/uL)
145	LYMPH_CNT_X10_9_L	Num	8	PIL Lymphocyte Count (x10 <sup>9</sup> cells/liter)
146	LUPUSANTICOAG	Char	1	Lupus Anticoagulant
147	HEMO_A1C_PERCENT	Num	8	\$Hemoglobin A1C (%)\$
148	HEMO_A1C_MMOL_MOL	Num	8	\$Hemoglobin A1C (mmol/mol)\$
149	HEMO_EAG_MG_DL	Num	8	\$Estimated Average Glucose (mg/dL)\$
150	HEMO_EAG_MMOL_L	Num	8	\$Estimated Average Glucose (mmol/L)\$
151	HEMO_A1C_I	Char	1	\$Hemoglobin A1C Incomplete\$
152	ASCITES	Char	1	Ascites

Num	Variable	Type	Len	Label
153	SYS_BP	Num	8	#Systolic Blood Pressure#
154	SYS_BP_I	Char	1	#Systolic Blood Pressure Incomplete#
155	DIA_BP	Num	8	#Diastolic Blood Pressure#
156	DIA_BP_I	Char	1	#Diastolic Blood Pressure Incomplete#
157	ECG_RHYTHM	Num	8	ECG Rhythm
158	GH_WGT_KG	Num	8	General Hemodynamics Weight (kg)
159	GH_WGT_LBS	Num	8	General Hemodynamics Weight (lbs)
160	PERIPHERAL_EDEMA	Char	1	Peripheral Edema
161	MAP	Num	8	#Mean Arterial Blood Pressure#
162	MAP_I	Char	1	#Mean Arterial Blood Pressure Incomplete#
163	GH_WGT_KG_I	Char	1	General Hemodynamics Weight (kg) Incomplete
164	GH_HGT_CM	Num	8	General Hemodynamics Height (cm)
165	GH_HGT_CM_I	Char	1	General Hemodynamics Height (cm) Incomplete
166	GH_HGT_IN	Num	8	General Hemodynamics Height (in)
167	AORTIC_REGURG	Num	8	Aortic Regurgitation
168	LVEDD	Num	8	LVEDD
169	LVEDD_I	Char	1	LVEDD Incomplete
170	RVEF	Num	8	RVEF
171	SVEF	Num	8	SVEF
172	LVSF	Num	8	LVSF
173	SYS_AV_REGURG	Num	8	Sys AV Regurgitation
174	RIGHT_AV_REGURG	Num	8	Right AV Regurgitation
175	THROMBUS	Char	1	Thrombus
176	THROMBUS_APPLY_RA	Num	8	*Thrombus Apply (RA - Right Atrium)*
177	THROMBUS_APPLY_RV	Num	8	*Thrombus Apply (RV - Right Ventricle)*
178	THROMBUS_APPLY_LA	Num	8	*Thrombus Apply (LA - Left Atrium)*
179	THROMBUS_APPLY_SVC	Num	8	*Thrombus Apply (SVC - Superior Vena Cava)*
180	THROMBUS_APPLY_IVC	Num	8	*Thrombus Apply (IVC - Inferior Vena Cava)*
181	THROMBUS_APPLY_UNKNOWN	Num	8	*Thrombus Apply (Unknown)*
182	THROMBUS_APPLY_LV	Num	8	*#Thrombus Apply (LV - Left Ventricle)#*
183	CARDIAC_INDEX	Num	8	Cardiac Index
184	CARDIAC_INDEX_I	Char	1	Cardiac Index Incomplete
185	CV_PRES	Num	8	Central Venous Pressure
186	CV_PRES_I	Char	1	Central Venous Pressure Incomplete
187	HR_RATE	Num	8	Heart Rate
188	HR_RATE_I	Char	1	Heart Rate Incomplete
189	PUL_SYS_PRES	Num	8	Pulmonary Artery Systolic Pressure (mmHg)
190	PUL_SYS_PRES_I	Char	1	Pulmonary Artery Systolic Pressure Incomplete
191	PUL_DIA_PRES	Num	8	Pulmonary Artery Diastolic Pressure (mmHg)

Num	Variable	Type	Len	Label
192	PUL_DIA_PRES_I	Char	1	Pulmonary Artery Diastolic Pressure Incomplete
193	RA_PRES	Num	8	Mean RA Pressure (mmHg)
194	RA_PRES_I	Char	1	Mean RA Pressure Incomplete
195	PVR	Num	8	Pulmonary Vascular Resistance (wood units)
196	PVR_I	Char	1	Pulmonary Vascular Resistance Incomplete
197	PUL_WEDGE_PRES	Num	8	Pulmonary Artery Wedge Pressure (mmHg)
198	PUL_WEDGE_PRES_I	Char	1	Pulmonary Artery Wedge Pressure Incomplete
199	CI_FICK_THERM_YN	Char	1	#CI Done via Fick or Thermodilution#
200	CI_FICK	Num	8	*#CI Done via Fick#*
201	CI_THERM	Num	8	*#CI Done via Thermodilution#*
202	INOTROPE_THERAPY	Char	1	~Inotrope Therapy~
203	ANGIOSTENSIN	Char	1	Angiotensin
204	AMIODARONE	Char	1	Amiodarone
205	ACE_INHIBITORS	Char	1	ACE Inhibitors
206	BETA_BLOCKERS	Char	1	Beta Blockers
207	ALDOSTERONE	Char	1	Aldosterone
208	LOOP_DIURETICS	Char	1	Loop Diuretics
209	WARFARIN	Char	1	Warfarin
210	ANTEPLATELET	Char	1	Antiplatelet
211	ANTEPLATELET_DRUG_ASPIRIN	Num	8	*Antiplatelet Drug (Aspirin)*
212	ANTEPLATELET_DRUG_DEXTRAN	Num	8	*Antiplatelet Drug (Dextran)*
213	ANTEPLATELET_DRUG_DIPYRID	Num	8	*Antiplatelet Drug (Dipyridamole)*
214	ANTEPLATELET_DRUG_CLOPID	Num	8	*Antiplatelet Drug (Clopidogrel)*
215	ANTEPLATELET_DRUG_TICLOP	Num	8	*Antiplatelet Drug (Ticlopidine)*
216	ANTEPLATELET_DRUG_UNKNOWN	Num	8	*Antiplatelet Drug (Unknown)*
217	ANTEPLATELET_DRUG_OTHER	Num	8	*Antiplatelet Drug (Other Specify)*
218	NITRIC_OXIDE	Char	1	Nitric Oxide
219	FUHYDRALAZINE	Char	1	Hydralazine
220	FUCALCIUMCB	Char	1	Calcium Channel Blockers
221	LOVENOX	Char	1	Lovenox
222	DIGOXIN	Char	1	Digoxin
223	FU_LD_DOSE_MG	Num	8	Loop Diuretic Dosage Mg
224	FU_LD_DOSE_MG_I	Char	1	Loop Diuretic Dosage Mg Incomplete
225	FU_DIURETICTYPE_FUROS	Num	8	*Diuretic Type (Furosemide)*
226	FU_DIURETICTYPE_TORSE	Num	8	*Diuretic Type (Torsemide)*
227	FU_DIURETICTYPE BUMET	Num	8	*Diuretic Type (Bumetanide)*
228	FU_DIURETICTYPE_OTHER	Num	8	*Diuretic Type (Other)*
229	MILRONONE	Char	1	Milrinone
230	SILDENAFIL	Char	1	Sildenafil / Bosentan

Num	Variable	Type	Len	Label
231	ARIXTRA	Char	1	#Arixtra#
232	UFH	Char	1	Unfractionated Heparin
233	GTTS	Char	1	Patient Discharged with IV Inotropes (Drops)
234	ANTI_THROMBOTIC	Char	1	#Anti Thrombotic#
235	IV_ORAL_HYPER	Char	1	#Patient Received Oral or IV Medication to Treat Hypertension#
236	SIX_MIN_WALK	Num	8	Six Minute Walk
237	SIX_MIN_WALK_I	Char	1	Six Minute Walk Incomplete
238	VO2_MAX	Num	8	VO2 Max (mL/kg/min)
239	VO2_MAX_I	Char	1	VO2 Max Incomplete
240	PEAK_R	Num	8	Peak R (%)
241	PEAK_R_I	Char	1	Peak R Incomplete
242	GAITSPEED	Num	8	Gait Speed (sec)
243	GAITSPEED_I	Char	1	Gait Speed Incomplete
244	NYHA	Num	8	NYHA Class
245	REHOSPITALIZED	Char	1	Rehospitalized
246	ROSS_CLASS_HR_FAIL	Num	8	Ross Class Heart Failure Patient
247	ROSS_CLASS_II_MLD_TACHY	Num	8	*Ross Class II (Mild Tachypnea with Feeds in Infant)*
248	ROSS_CLASS_II_MLD_DIAPH	Num	8	*Ross Class II (Mild Diaphoresis with Feeds in Infant)*
249	ROSS_CLASS_II_DYSPNEA	Num	8	*Ross Class II (Dyspnea on Exercise in Older Children)*
250	ROSS_CLASS_II_UNKNOWN	Num	8	*Ross Class II (Unknown)*
251	ROSS_CLASS_III_MRK_TACHY	Num	8	*Ross Class III (Marked Tachypnea with Exertion or with Feeding)*
252	ROSS_CLASS_III_MRK_DIAPH	Num	8	*Ross Class III (Marked Diaphoresis with Exertion or with Feeding)*
253	ROSS_CLASS_III_UNKNOWN	Num	8	*Ross Class III (Unknown)*
254	ROSS_CLASS_IV_TACHY	Num	8	*Ross Class IV (Tachypnea)*
255	ROSS_CLASS_IV_RETRACT	Num	8	*Ross Class IV (Retractions)*
256	ROSS_CLASS_IV_GRUNT	Num	8	*Ross Class IV (Grunting)*
257	ROSS_CLASS_IV_DIAPH	Num	8	*Ross Class IV (Diaphoresis)*
258	ROSS_CLASS_IV_UNKNOWN	Num	8	*Ross Class IV (Unknown)*
259	C_PEDS_QOL_COMPLETE_FORM	Char	1	Child - PediMACS QoL Child / Parent Completed Form - DV
260	C_P_QOL_RSN_NT_CMPLT	Num	8	Child - PediMACS QoL Reason Not Completed - DV
261	C_P_QOL_RSN_NT_CMPLT_ADM	Num	8	Child - PediMACS QoL Reason Not Completed Administrative - DV
262	C_PEDS_QOL_FORM_TYPE	Num	8	Child - PediMACS QoL Form Type - DV
263	C_WALK	Num	8	Child - Physical: Hard to Walk (More than one block) - DV
264	C_RUN	Num	8	Child - Physical: Hard to Run - DV
265	C_SPORTS	Num	8	Child - Physical: Hard to Play Sports / Exercise - DV
266	C_LIFT	Num	8	Child - Physical: Hard to Lift Heavy (Big) Things - DV
267	C_BATH	Num	8	Child - Physical: Hard to Bathe / Shower (Alone) - DV
268	C_CHORES	Num	8	Child - Physical: Hard to Do Chores (Pick up Toys) - DV
269	C_HURT	Num	8	Child - Physical: Hurts or Aches - DV

Num	Variable	Type	Len	Label
270	C_LOW_ENERGY	Num	8	Child - Physical: Low Energy (Too Tired to Play) - DV
271	C_SCARED	Num	8	Child - Feelings: Afraid / Scared - DV
272	C_SAD	Num	8	Child - Feelings: Sad - DV
273	C_ANGRY	Num	8	Child - Feelings: Angry / Mad - DV
274	C_TROUBLE_SLEEPING	Num	8	Child - Feelings: Trouble Sleeping - DV
275	C_WORRY	Num	8	Child - Feelings: Worry What Will Happen - DV
276	C_GETTING_ALONG	Num	8	Child - Social: Getting Along with Others - DV
277	C_FRIEND	Num	8	Child - Social: Others Do Not Want to Be Friend (Play) - DV
278	C_TEASE	Num	8	Child - Social: Other Kids Tease - DV
279	C_CANNOT_DO_THINGS	Num	8	Child - Social: Cannot Do Things Others My Age Can - DV
280	C_PEERS	Num	8	Child - Social: Hard to Keep Up with Peers (Other Kids) - DV
281	C_PAY_ATTENTION	Num	8	Child - School: Hard to Pay Attention - DV
282	C_FORGET	Num	8	Child - School: I Forget Things - DV
283	C_SAME_SCHOOL_ACTIVITIES	Num	8	Child - Same School Activities - DV
284	C_SCHOOLWORK	Num	8	Child - School: Trouble Keeping Up with Schoolwork - DV
285	C_MISS_SCHOOL_FEELING	Num	8	Child - School: Miss Because Not Feeling Well - DV
286	C_MISS_SCHOOL_DOCTOR	Num	8	Child - School: Miss Because at Doctor /Hospital - DV
287	P_PEDS_QOL_COMPLETE_FORM	Char	1	Parent - PediMACS QoL Child / Parent Completed Form - DV
288	P_P_QOL_RSN_NT_CMPLT	Num	8	Parent - PediMACS QoL Reason Not Completed - DV
289	P_P_QOL_RSN_NT_CMPLT_ADM	Num	8	Parent - PediMACS QoL Reason Not Completed Administrative - DV
290	P_PEDS_QOL_FORM_TYPE	Num	8	Parent - PediMACS QoL Form Type - DV
291	P_WALK	Num	8	Parent - Physical: Hard to Walk (More than one block) - DV
292	P_RUN	Num	8	Parent - Physical: Hard to Run - DV
293	P_SPORTS	Num	8	Parent - Physical: Hard to Play Sports / Exercise - DV
294	P_LIFT	Num	8	Parent - Physical: Hard to Lift Heavy (Big) Things - DV
295	P_BATH	Num	8	Parent - Physical: Hard to Bathe / Shower (Alone) - DV
296	P_CHORES	Num	8	Parent - Physical: Hard to Do Chores (Pick up Toys) - DV
297	P_HURT	Num	8	Parent - Physical: Hurts or Aches - DV
298	P_LOW_ENERGY	Num	8	Parent - Physical: Low Energy (Too Tired to Play) - DV
299	P_SCARED	Num	8	Parent - Feelings: Afraid / Scared - DV
300	P_SAD	Num	8	Parent - Feelings: Sad - DV
301	P_ANGRY	Num	8	Parent - Feelings: Angry / Mad - DV
302	P_TROUBLE_SLEEPING	Num	8	Parent - Feelings: Trouble Sleeping - DV
303	P_WORRY	Num	8	Parent - Feelings: Worry What Will Happen - DV
304	P_GETTING_ALONG	Num	8	Parent - Social: Getting Along with Others - DV
305	P_FRIEND	Num	8	Parent - Social: Others Do Not Want to Be Friend (Play) - DV
306	P_TEASE	Num	8	Parent - Social: Other Kids Tease - DV
307	P_CANNOT_DO_THINGS	Num	8	Parent - Social: Cannot Do Things Others My Age Can - DV
308	P_PEERS	Num	8	Parent - Social: Hard to Keep Up with Peers (Other Kids) - DV

Num	Variable	Type	Len	Label
309	P_PAY_ATTENTION	Num	8	Parent - School: Hard to Pay Attention - DV
310	P_FORGET	Num	8	Parent - School: I Forget Things - DV
311	P_SAME_SCHOOL_ACTIVITIES	Num	8	Parent - Same School Activities - DV
312	P_SCHOOLWORK	Num	8	Parent - School: Trouble Keeping Up with Schoolwork - DV
313	P_MISS_SCHOOL_FEELING	Num	8	Parent - School: Miss Because Not Feeling Well - DV
314	P_MISS_SCHOOL_DOCTOR	Num	8	Parent - School: Miss Because at Doctor /Hospital - DV
315	C_COMPLETE_FORM	Char	1	Child - VAD QoL Completed - DV
316	C_PARENT_FORM_TYPE	Char	1	Child - Parent Form Type - DV
317	C_NOISE_AWAKE	Num	8	Child - VAD Noise Bothers While Awake - DV
318	C_NOISE_SLEEP	Num	8	Child - VAD Noise Bothers While Asleep - DV
319	C_DRIVELINE	Num	8	Child - Pain or Discomfort at Driveline Site - DV
320	C_SLEEPING	Num	8	Child - Difficulty Sleeping Due to Driveline / Pump Position - DV
321	C_BOTHER_LOOK	Num	8	Child - Bothered with Appearance with VAD - DV
322	C_WORRY_BREAK	Num	8	Child - Worry VAD will Break / Malfunction - DV
323	C_VISIT	Num	8	Child - Bothered Cannot Visit Family / Friends because of VAD - DV
324	C_MOVE_EASY	Num	8	Child - Bothered Cannot Move Easily with VAD - DV
325	C_PARTICIPATE	Num	8	Child - Bothered I Cannot Participate in Usual Activities - DV
326	C_FEELINGS	Num	8	Child - Difficult to Express Feelings About VAD - DV
327	C_LEVEL_WORRY	Num	8	Child - Overall Day-to-Day VAD Worry Level - DV
328	C_LEVEL_HAPPINESS	Num	8	Child - Overall Day-to-Day VAD Happiness Level - DV
329	C_RSN_NOT_CMPLT	Num	8	Child - PediMACS VAD QoL Reason Not Completed - DV
330	C_RSN_NOT_CMPLT_ADMIN	Num	8	Child - PediMACS VAD QoL Reason Not Completed Administrative - DV
331	P_COMPLETE_FORM	Char	1	Parent - VAD QoL Completed - DV
332	P_PARENT_FORM_TYPE	Char	1	Parent - Parent Form Type - DV
333	P_NOISE_AWAKE	Num	8	Parent - VAD Noise Bothers While Awake - DV
334	P_NOISE_SLEEP	Num	8	Parent - VAD Noise Bothers While Asleep - DV
335	P_DRIVELINE	Num	8	Parent - Pain or Discomfort at Driveline Site - DV
336	P_SLEEPING	Num	8	Parent - Difficulty Sleeping Due to Driveline / Pump Position - DV
337	P_BOTHER_LOOK	Num	8	Parent - Bothered with Appearance with VAD - DV
338	P_WORRY_BREAK	Num	8	Parent - Worry VAD will Break / Malfunction - DV
339	P_VISIT	Num	8	Parent - Bothered Cannot Visit Family / Friends because of VAD - DV
340	P_MOVE_EASY	Num	8	Parent - Bothered Cannot Move Easily with VAD - DV
341	P_PARTICIPATE	Num	8	Parent - Bothered I Cannot Participate in Usual Activities - DV
342	P_FEELINGS	Num	8	Parent - Difficult to Express Feelings About VAD - DV
343	P_LEVEL_WORRY	Num	8	Parent - Overall Day-to-Day VAD Worry Level - DV
344	P_LEVEL_HAPPINESS	Num	8	Parent - Overall Day-to-Day VAD Happiness Level - DV
345	P_RSN_NOT_CMPLT	Num	8	Parent - PediMACS VAD QoL Reason Not Completed - DV

Num	Variable	Type	Len	Label
346	P_RSN_NOT_CMPLT_ADMIN	Num	8	Parent - PediMACS VAD QoL Reason Not Completed Administrative - DV
347	CC_ALLOSENSITIZATION	Num	8	Concern: Allosensitization
348	CC2_ALLOSENSITIZATION	Num	8	Limitation: Allosensitization
349	CC_CHRONIC_COAGULOPATHY	Num	8	Concern: Chronic Coagulopathy
350	CC2_CHRONIC_COAGULOPATHY	Num	8	Limitation: Chronic Coagulopathy
351	CC_CHRONIC_INF_CONCERNS	Num	8	Concern: Chronic Infectious Concerns
352	CC2_CHRONIC_INF_CONCERNS	Num	8	Limitation: Chronic Infectious Concerns
353	CC_CHRONIC_RENAL_DISEASE	Num	8	Concern: Chronic Renal Disease
354	CC2_CHRONIC_RENAL_DISEASE	Num	8	Limitation: Chronic Renal Disease
355	CC_CONTRAIN_TO_IMMSUPPRES	Num	8	Concern: Contraindications to Immunosuppression
356	CC2_CONTRAIN_TO_IMMSUPPRES	Num	8	Limitation: Contraindications to Immunosuppression
357	CC_CURR_SMOKING	Num	8	Concern: Currently Smoking
358	CC2_CURR_SMOKING	Num	8	Limitation: Currently Smoking
359	CC_FRAILTY	Num	8	Concern: Frailty
360	CC2_FRAILTY	Num	8	Limitation: Frailty
361	CC_FREQUENT_ICD_SHOCKS	Num	8	Concern: Frequent ICD Shocks
362	CC2_FREQUENT_ICD_SHOCKS	Num	8	Limitation: Frequent ICD Shocks
363	CC_HEP_INDUCED_THROMBO	Num	8	Concern: Heparin Induced Thrombosis
364	CC2_HEP_INDUCED_THROMBO	Num	8	Limitation: Heparin Induced Thrombosis
365	CC_HIST_ATRIAL_ARRHYTHMIA	Num	8	Concern: History Atrial Arrhythmia
366	CC2_HIST_ATRIAL_ARRHYTHMIA	Num	8	Limitation: History Atrial Arrhythmia
367	CC_HISTORY_GI_ULCERS	Num	8	Concern: History GI Ulcers
368	CC2_HISTORY_GI_ULCERS	Num	8	Limitation: History GI Ulcers
369	CC_HISTORY_HEPATITIS	Num	8	Concern: History Hepatitis
370	CC2_HISTORY_HEPATITIS	Num	8	Limitation: History Hepatitis
371	CC_HIST_ALCOHOL_ABUSE	Num	8	Concern: History Alcohol Abuse
372	CC2_HIST_ALCOHOL_ABUSE	Num	8	Limitation: History Alcohol Abuse
373	CC_HIST_BONE_MARROW_TX	Num	8	Concern: History Bone Marrow Transplant
374	CC2_HIST_BONE_MARROW_TX	Num	8	Limitation: History Bone Marrow Transplant
375	CC_HIST_DRUG_USE	Num	8	Concern: History Drug Use
376	CC2_HIST_DRUG_USE	Num	8	Limitation: History Drug Use
377	CC_HIST_HIV	Num	8	Concern: History HIV
378	CC2_HIST_HIV	Num	8	Limitation: History HIV
379	CC_HIST_LYMPHOMA_LEUKEMIA	Num	8	Concern: History Lymphoma Leukemia
380	CC2_HIST_LYMPHOMA_LEUKEMIA	Num	8	Limitation: History Lymphoma Leukemia
381	CC_HIST_SMOKING	Num	8	Concern: History Smoking
382	CC2_HIST_SMOKING	Num	8	Limitation: History Smoking
383	CC_HIST_SOLID_ORGAN_CNCR	Num	8	Concern: History Solid Organ Cancer



Num	Variable	Type	Len	Label
384	CC2_HIST_SOLID_ORGAN_CNCR	Num	8	Limitation: History Solid Organ Cancer
385	CC_LARGE_BMI	Num	8	Concern: Large BMI
386	CC2_LARGE_BMI	Num	8	Limitation: Large BMI
387	CC_LTD_COG_UNDERSTND	Num	8	Concern: Limited Cognitive Understanding
388	CC2_LTD_COG_UNDERSTND	Num	8	Limitation: Limited Cognitive Understanding
389	CC_LIMITED_SOCIAL_SUPPORT	Num	8	Concern: Limited Social Support
390	CC2_LIMITED_SOCIAL_SUPPORT	Num	8	Limitation: Limited Social Support
391	CC_LIVER_DYSFUNCTION	Num	8	Concern: Liver Dysfunction
392	CC2_LIVER_DYSFUNCTION	Num	8	Limitation: Liver Dysfunction
393	CC_MAJOR_STROKE	Num	8	Concern: Major Stroke
394	CC2_MAJOR_STROKE	Num	8	Limitation: Major Stroke
395	CC_MALNUTRITION_CACHEXIA	Num	8	Concern: Malnutrition/Cachexia
396	CC2_MALNUTRITION_CACHEXIA	Num	8	Limitation: Malnutrition/Cachexia
397	CC_MUSCSKELETAL_LIMIT	Num	8	Concern: Musculoskeletal Limitation
398	CC2_MUSCSKELETAL_LIMIT	Num	8	Limitation: Musculoskeletal Limitation
399	CC_NARCOTIC_DEPENDENCE	Num	8	Concern: Narcotic Dependence
400	CC2_NARCOTIC_DEPENDENCE	Num	8	Limitation: Narcotic Dependence
401	CC_OTHER_CO_MORBIDITY	Num	8	Concern: Other Co-Morbidity
402	CC2_OTHER_CO_MORBIDITY	Num	8	Limitation: Other Co-Morbidity
403	CC_OTH_MAJOR_PSYCH_DIAG	Num	8	Concern: Other Major Psychological Diagnosis
404	CC2_OTH_MAJOR_PSYCH_DIAG	Num	8	Limitation: Other Major Psychological Diagnosis
405	CC_OTH_CEREBROVASC_DISEASE	Num	8	Concern: Other Cerebrovascular Disease
406	CC2_OTH_CEREBROVASC_DISEASE	Num	8	Limitation: Other Cerebrovascular Disease
407	CC_PX_DOES_NOT_WANT_TX	Num	8	Concern: Patient Does Not Want Transplant
408	CC2_PX_DOES_NOT_WANT_TX	Num	8	Limitation: Patient Does Not Want Transplant
409	CC_PERIPH_VASC_DISEASE	Num	8	Concern: Peripheral Vascular Disease
410	CC2_PERIPH_VASC_DISEASE	Num	8	Limitation: Peripheral Vascular Disease
411	CC_PULMONARY_DISEASE	Num	8	Concern: Pulmonary Disease
412	CC2_PULMONARY_DISEASE	Num	8	Limitation: Pulmonary Disease
413	CC_PULMONARY_HYPERTENSION	Num	8	Concern: Pulmonary Hypertension
414	CC2_PULMONARY_HYPERTENSION	Num	8	Limitation: Pulmonary Hypertension
415	CC_RCNT_PULM_EMBOLUS	Num	8	Concern: Recent Pulmonary Embolus
416	CC2_RCNT_PULM_EMBOLUS	Num	8	Limitation: Recent Pulmonary Embolus
417	CC_RPTD_NON_COMPLIANCE	Num	8	Concern: Repeated Non Compliance
418	CC2_RPTD_NON_COMPLIANCE	Num	8	Limitation: Repeated Non Compliance
419	CC_SEVERE_DEPRESSION	Num	8	Concern: Severe Depression
420	CC2_SEVERE_DEPRESSION	Num	8	Limitation: Severe Depression
421	CC_SEVERE_DIABETES	Num	8	Concern: Severe Diabetes
422	CC2_SEVERE_DIABETES	Num	8	Limitation: Severe Diabetes

Num	Variable	Type	Len	Label
423	CC_THORACIC_AORTIC_DIS	Num	8	Concern: Thoracic Aortic Disease
424	CC2_THORACIC_AORTIC_DIS	Num	8	Limitation: Thoracic Aortic Disease
425	CC_UNFAV_MEDIASTINAL_ANAT	Num	8	Concern: Unfavorable Mediastinal Anatomy
426	CC2_UNFAV_MEDIASTINAL_ANAT	Num	8	Limitation: Unfavorable Mediastinal Anatomy
427	CC_ANASARCA	Num	8	Concern: Anasarca
428	CC2_ANASARCA	Num	8	Limitation: Anasarca
429	CC_GEN_SYNDROME	Num	8	Concern: Genetic Syndrome
430	CC2_GEN_SYNDROME	Num	8	Limitation: Genetic Syndrome
431	CC2_PLASTIC	Num	8	Limitation: Plastic Bronchitis
432	CC2_PROTEIN_LOSING	Num	8	Limitation: Protein Losing Enteropathy
433	CC2_TRACH	Num	8	Limitation: Tracheotomy
434	CC_PLASTIC	Num	8	Concern: Plastic Bronchitis
435	CC_PROTEIN_LOSING	Num	8	Concern: Protein Losing Enteropathy
436	CC_TRACH	Num	8	Concern: Tracheotomy
437	GENETIC_SYNDROME	Num	8	Genetic Syndrome Type
438	NUM_STERNOTOMIES	Num	8	Number of Sternotomies
439	CC_NEURO_ABNORMAL	Num	8	Concern: Neuro Abnormal
440	CC2_NEURO_ABNORMAL	Num	8	Limitation: Neuro Abnormal
441	HIV_VIRAL_LOAD_I	Char	1	#HIV-1 RNA Viral Load Incomplete#
442	HIV_CD4_I	Char	1	#CD4 T-Cell Count Incomplete#
443	HIV_ESR_I	Char	1	#Erythrocyte Sedimentation Rate Incomplete#
444	HIV_CRP_I	Char	1	#C Reactive Protein Incomplete#
445	HIV_HIST_HEP_B_I	Char	1	#HIV History of Hepatitis B Incomplete#
446	HIV_HIST_HEP_C_I	Char	1	#HIV History of Hepatitis C Incomplete#
447	HIV_HX_OP_IN	Char	1	#HIV Opportunistic Infection Since Last Followup#
448	HIV_VIRAL_LOAD	Num	8	#HIV-1 RNA Viral Load#
449	HIV_CD4	Num	8	#CD4 T-Cell Count#
450	HIV_ESR	Num	8	#Erythrocyte Sedimentation Rate#
451	HIV_CRP	Num	8	#C Reactive Protein#
452	HIV_ART_ABACAVIR	Num	8	**Antiretroviral Therapy: Abacavir**
453	HIV_ART_ATAZANAVIR	Num	8	**Antiretroviral Therapy: Atazanavir**
454	HIV_ART_ATRIPLA	Num	8	**Antiretroviral Therapy: Atripla**
455	HIV_ART_COMBIVIR	Num	8	**Antiretroviral Therapy: Combivir**
456	HIV_ART_COMPLERA	Num	8	**Antiretroviral Therapy: Complera**
457	HIV_ART_DARUNAVIR	Num	8	**Antiretroviral Therapy: Darunavir**
458	HIV_ART_DELAVIDINE	Num	8	**Antiretroviral Therapy: Delavirdine**
459	HIV_ART_DIDANOSINE	Num	8	**Antiretroviral Therapy: Didanosine**
460	HIV_ART_DOLUTEGRAVIR	Num	8	**Antiretroviral Therapy: Dolutegravir**
461	HIV_ART_EFAVIRENZ	Num	8	**Antiretroviral Therapy: Efavirenz**

Num	Variable	Type	Len	Label
462	HIV_ART_EMTRICITABINE	Num	8	**Antiretroviral Therapy: Emtricitabine**
463	HIV_ART_ENFUVIRTIDE	Num	8	**Antiretroviral Therapy: Enfuvirtide**
464	HIV_ART_EPZICOM	Num	8	**Antiretroviral Therapy: Epzicom**
465	HIV_ART_ETRAVIRINE	Num	8	**Antiretroviral Therapy: Etravirine**
466	HIV_ART_FOSAMPRENAVIR	Num	8	**Antiretroviral Therapy: Fosamprenavir**
467	HIV_ART_INDINAVIR	Num	8	**Antiretroviral Therapy: Indinavir**
468	HIV_ART_KALETRA	Num	8	**Antiretroviral Therapy: Kaletra**
469	HIV_ART_LAMIVUDINE	Num	8	**Antiretroviral Therapy: Lamivudine**
470	HIV_ART_MARAVIROC	Num	8	**Antiretroviral Therapy: Maraviroc**
471	HIV_ART_NELFINAVIR	Num	8	**Antiretroviral Therapy: Nelfinavir**
472	HIV_ART_NEVIRAPINE	Num	8	**Antiretroviral Therapy: Nevirapine**
473	HIV_ART_RALTEGRAVIR	Num	8	**Antiretroviral Therapy: Raltegravir**
474	HIV_ART_RILPIVIRINE	Num	8	**Antiretroviral Therapy: Rilpivirine**
475	HIV_ART_RITONAVIR	Num	8	**Antiretroviral Therapy: Ritonavir**
476	HIV_ART_SAUQUINAVIR	Num	8	**Antiretroviral Therapy: Saquinavir**
477	HIV_ART_STAVUDINE	Num	8	**Antiretroviral Therapy: Stavudine**
478	HIV_ART_STRIBILD	Num	8	**Antiretroviral Therapy: Stribild**
479	HIV_ART_TDF	Num	8	**Antiretroviral Therapy: TDF**
480	HIV_ART_TIPRANIVIR	Num	8	**Antiretroviral Therapy: Tipranavir**
481	HIV_ART_TRIZIVIR	Num	8	**Antiretroviral Therapy: Trizivir**
482	HIV_ART_TRUVADA	Num	8	**Antiretroviral Therapy: Truvada**
483	HIV_ART_ZIDOVUDINE	Num	8	**Antiretroviral Therapy: Zidovudine**
484	HIV_ART_UNKNOWN	Num	8	**Antiretroviral Therapy: Unknown**
485	HIV_ART_NONE	Num	8	**Antiretroviral Therapy: None**
486	HIV_INF_PRO_ATOVAQUONE	Num	8	**Infection Prophylaxis: Atovaquone**
487	HIV_INF_PRO_AZITHROMYCIN	Num	8	**Infection Prophylaxis: Azithromycin**
488	HIV_INF_PRO_DAPSONE	Num	8	**Infection Prophylaxis: Dapsone**
489	HIV_INF_PRO_FLUCONAZOLE	Num	8	**Infection Prophylaxis: Fluconazole**
490	HIV_INF_PRO_PENTAMIDINE	Num	8	**Infection Prophylaxis: Pentamidine**
491	HIV_INF_PRO_TMP_SMX	Num	8	**Infection Prophylaxis: Trimethoprim-sulfamethoxazole**
492	HIV_INF_PRO_UNKNOWN	Num	8	**Infection Prophylaxis: Unknown**
493	HIV_INF_PRO_NONE	Num	8	**Infection Prophylaxis: None**
494	HIV_HX_OP_IN_CRYPTOCOCCOSIS	Num	8	**History of Opportunistic Infection: Cryptococcosis**
495	HIV_HX_OP_IN_CYTOMEGALOVIRUS	Num	8	**History of Opportunistic Infection: Cytomegalovirus**
496	HIV_HX_OP_IN_EBV	Num	8	**History of Opportunistic Infection: Epstein Barr Virus**
497	HIV_HX_OP_IN_ESOPH_CANDID	Num	8	**History of Opportunistic Infection: Esophageal Candidiasis**
498	HIV_HX_OP_IN_HISTOPLASMOSIS	Num	8	**History of Opportunistic Infection: Histoplasmosis**
499	HIV_HX_OP_IN_KAPOSIS_SARCOMA	Num	8	**History of Opportunistic Infection: Kaposi Sarcoma**

Num	Variable	Type	Len	Label
500	HIV_HX_OP_IN_MAC_DISSEMINATED	Num	8	**History of Opportunistic Infection: Mycobacterium Avium Complex#*
501	HIV_HX_OP_IN_CARINII_PCP	Num	8	**History of Opportunistic Infection: Pneumocystis#*
502	HIV_HX_OP_IN_TOXOPLASMOSIS	Num	8	**History of Opportunistic Infection: Toxoplasmosis#*
503	HIV_HX_OP_IN_TUBERCULOSIS	Num	8	**History of Opportunistic Infection: Tuberculosis#*
504	HIV_HX_OP_IN_NONE	Num	8	**History of Opportunistic Infection: None#*
505	HIV_HIST_HEP_B	Num	8	#HIV History of Hepatitis B#
506	HIV_HIST_HEP_C	Num	8	#HIV History of Hepatitis C#
507	EXCURSION	Char	1	Excursion
508	EXCURSION_TY_PLAY	Num	8	*Excursion Type (Playroom)*
509	EXCURSION_TY_CAFE	Num	8	*Excursion Type (Cafeteria)*
510	EXCURSION_TY_OUTSIDE	Num	8	*Excursion Type (Walk Outside)*
511	EXCURSION_TY_SIT_ROOM	Num	8	*Excursion Type (Sitting Room)*
512	EXCURSION_TY_GEN_REHAB	Num	8	*Excursion Type (General Rehab)*
513	EXCURSION_TY_NONE	Num	8	*Excursion Type (None)*
514	SEDATED	Char	1	Sedated
515	PARALYZED	Char	1	Paralyzed
516	INTUBATED	Char	1	Intubated
517	AMBULATING	Char	1	Ambulating
518	PRIMARY_NUTR	Num	8	Primary Nutrition
519	ACT_FLG	Num	8	Site Activation flag (0=pre/1=post) - DV
520	FORMSTAT	Char	1	Form Status (I=incomp/P=in prog/V=Validated) - DV
521	WGT_G	Num	8	Weight(g)
522	PULM_MN	Num	8	Mean pulmonary pressure
523	LDIUR	Num	8	Loop Diuretic pre-implant (0,1)
524	OPER_ID	Num	8	Operation ID
525	INT_FOL	Num	8	Interval from implant to expected followup or discharge (mths) - DV
526	INT_AFOL	Num	8	Interval from implant to actual followup (mths) - DV
527	RHF_FLG	Num	8	Right Heart Failure Calculated Condition (BDV - 1/0)
528	RHF_FLG_MLD	Num	8	Right Heart Failure Calculated Condition - Mild (BDV - 1/0)
529	RHF_FLG_MOD	Num	8	Right Heart Failure Calculated Condition - Inotropes (BDV - 1/0)
530	RHF_FLG_SEV	Num	8	Right Heart Failure Calculated Condition - RVAD (BDV - 1/0)
531	HEM_FLG	Char	5	Hemolysis Calculated Condition - BDV
532	HYP_FLG	Char	9	Hypertension Calculated Condition - BDV
533	INTOP1FU	Num	8	Interval from First Device to this Followup (months) - BDV
534	PEDS_PUBLIC_ID	Char	17	Public PediMACS patient ID

**Data Set Name: patients.sas7bdat**

Num	Variable	Type	Len	Label
1	BUN_MG_DL	Num	8	BUN (mg/dL)
2	BUN_MMOL_L	Num	8	BUN (mmol/L)
3	CREAT_MG_DL	Num	8	Creatinine (mg/dL)
4	CREAT_UMOL_L	Num	8	Creatinine (umol/L)
5	BILI_TOTAL_MG_DL	Num	8	Total Bilirubin (mg/dL)
6	BILI_TOTAL_UMOL_L	Num	8	Total Bilirubin (umol/L)
7	SODIUM_MEQ_L	Num	8	Sodium (mEq/L)
8	SODIUM_MMOL_L	Num	8	Sodium (mmol/L)
9	INR	Num	8	INR
10	WBC_X10_3_UL	Num	8	White Blood Cell Count (x10 <sup>3</sup> /uL)
11	WBC_X10_9_L	Num	8	White Blood Cell Count (x10 <sup>9</sup> /L)
12	PLATELET_X10_3_UL	Num	8	Platelets (x10 <sup>3</sup> /uL)
13	PLATELET_X10_9_L	Num	8	Platelets (x10 <sup>9</sup> /L)
14	SGOT_AST	Num	8	Aspartate Aminotransferase/AST (u/L)
15	SGPT_ALT	Num	8	Alanine Aminotransferase/ALT (u/L)
16	CHOLESTEROL_MG_DL	Num	8	Total Cholesterol (mg/dL)
17	CHOLESTEROL_MMOL_L	Num	8	Total Cholesterol (mmol/L)
18	CRP	Num	8	CRP (mg/L)
19	POTASSIUM_MEQ_L	Num	8	Potassium (mEq/L)
20	POTASSIUM_MMOL_L	Num	8	Potassium (mmol/L)
21	HEMOGLOBIN_G_DL	Num	8	Hemoglobin (g/dL)
22	HEMOGLOBIN_G_L	Num	8	Hemoglobin (g/L)
23	HEMOGLOBIN_MMOL_L	Num	8	Hemoglobin (mmol/L)
24	LDH_U_L	Num	8	LDH (ukat/L) , (U/L)
25	LDH_L	Num	8	LDH (units/L)
26	PRE_ALBUMIN_MG_DL	Num	8	Pre-albumin (mg/dL)
27	PRE_ALBUMIN_MG_L	Num	8	Pre-albumin (mg/L)
28	ALBUMIN_G_DL	Num	8	Albumin (g/dL)
29	ALBUMIN_G_L	Num	8	Albumin (g/L)
30	BNP_PG_ML	Num	8	Brain Natriuretic Peptide (pg/mL)
31	BNP_NG_L	Num	8	Brain Natriuretic Peptide (ng/L)
32	PRO_BNP_PG_ML	Num	8	Pro Brain Natriuretic Peptide (pg/mL)
33	PRO_BNP_NG_L	Num	8	Pro Brain Natriuretic Peptide (ng/L)
34	PILURICACID_MG_DL	Num	8	PIL Uric Acid (mg/dL)
35	PILURICACID_UMOL_L	Num	8	PIL Uric Acid (umol/L)
36	PILURICACID_MG_I	Char	1	PIL Uric Acid Mg Incomplete

Num	Variable	Type	Len	Label
37	LYMPH_CNT_PERCENT	Num	8	PIL Lymphocyte Count (%)
38	LYMPH_CNT_I	Char	1	PIL Lymphocyte Count Incomplete
39	LYMPH_CNT_X10_3_UL	Num	8	PIL Lymphocyte Count (x10 <sup>3</sup> cells/uL)
40	LYMPH_CNT_X10_9_L	Num	8	PIL Lymphocyte Count (x10 <sup>9</sup> cells/liter)
41	LUPUSANTICOAG	Char	1	Lupus Anticoagulant
42	ECG_RHYTHM	Num	8	ECG Rhythm
43	AORTIC_REGURG	Num	8	Aortic Regurgitation
44	LVEDD	Num	8	LVEDD
45	RVEF	Num	8	RVEF
46	CARDIAC_INDEX	Num	8	Cardiac Index
47	CV_PRES	Num	8	Central Venous Pressure
48	HR_RATE	Num	8	Heart Rate
49	PUL_SYS_PRES	Num	8	Pulmonary Artery Systolic Pressure (mmHg)
50	PUL_DIA_PRES	Num	8	Pulmonary Artery Diastolic Pressure (mmHg)
51	RA_PRES	Num	8	Mean RA Pressure (mmHg)
52	PUL_WEDGE_PRES	Num	8	Pulmonary Artery Wedge Pressure (mmHg)
53	SIX_MIN_WALK	Num	8	Six Minute Walk
54	SIX_MIN_WALK_I	Char	1	Six Minute Walk Incomplete
55	VO2_MAX	Num	8	VO2 Max (mL/kg/min)
56	VO2_MAX_I	Char	1	VO2 Max Incomplete
57	PEAK_R	Num	8	Peak R (%)
58	PEAK_R_I	Char	1	Peak R Incomplete
59	CC_ALLOSENSITIZATION	Num	8	Concern: Allosensitization
60	CC2_ALLOSENSITIZATION	Num	8	Limitation: Allosensitization
61	CC_CHRONIC_COAGULOPATHY	Num	8	Concern: Chronic Coagulopathy
62	CC2_CHRONIC_COAGULOPATHY	Num	8	Limitation: Chronic Coagulopathy
63	CC_CHRONIC_INF_CONCERNS	Num	8	Concern: Chronic Infectious Concerns
64	CC2_CHRONIC_INF_CONCERNS	Num	8	Limitation: Chronic Infectious Concerns
65	CC_CHRONIC_RENAL_DISEASE	Num	8	Concern: Chronic Renal Disease
66	CC2_CHRONIC_RENAL_DISEASE	Num	8	Limitation: Chronic Renal Disease
67	CC_CONTRAIN_TO_IMMSUPPRES	Num	8	Concern: Contraindications to Immunosuppression
68	CC2_CONTRAIN_TO_IMMSUPPRES	Num	8	Limitation: Contraindications to Immunosuppression
69	CC_CURR_SMOKING	Num	8	Concern: Currently Smoking
70	CC2_CURR_SMOKING	Num	8	Limitation: Currently Smoking
71	CC_FRAILTY	Num	8	Concern: Frailty
72	CC2_FRAILTY	Num	8	Limitation: Frailty
73	CC_FREQUENT_ICD_SHOCKS	Num	8	Concern: Frequent ICD Shocks
74	CC2_FREQUENT_ICD_SHOCKS	Num	8	Limitation: Frequent ICD Shocks
75	CC_HEP_INDUCED_THROMBO	Num	8	Concern: Heparin Induced Thrombosis

Num	Variable	Type	Len	Label
76	CC2_HEP_INDUCED_THROMBO	Num	8	Limitation: Heparin Induced Thrombosis
77	CC_HIST_ATRIAL_ARRHYTHMIA	Num	8	Concern: History Atrial Arrhythmia
78	CC2_HIST_ATRIAL_ARRHYTHMIA	Num	8	Limitation: History Atrial Arrhythmia
79	CC_HISTORY_GI_ULCERS	Num	8	Concern: History GI Ulcers
80	CC2_HISTORY_GI_ULCERS	Num	8	Limitation: History GI Ulcers
81	CC_HISTORY_HEPATITIS	Num	8	Concern: History Hepatitis
82	CC2_HISTORY_HEPATITIS	Num	8	Limitation: History Hepatitis
83	CC_HIST_ALCOHOL_ABUSE	Num	8	Concern: History Alcohol Abuse
84	CC2_HIST_ALCOHOL_ABUSE	Num	8	Limitation: History Alcohol Abuse
85	CC_HIST_BONE_MARROW_TX	Num	8	Concern: History Bone Marrow Transplant
86	CC2_HIST_BONE_MARROW_TX	Num	8	Limitation: History Bone Marrow Transplant
87	CC_HIST_DRUG_USE	Num	8	Concern: History Drug Use
88	CC2_HIST_DRUG_USE	Num	8	Limitation: History Drug Use
89	CC_HIST_HIV	Num	8	Concern: History HIV
90	CC2_HIST_HIV	Num	8	Limitation: History HIV
91	CC_HIST_LYMPHOMA_LEUKEMIA	Num	8	Concern: History Lymphoma Leukemia
92	CC2_HIST_LYMPHOMA_LEUKEMIA	Num	8	Limitation: History Lymphoma Leukemia
93	CC_HIST_SMOKING	Num	8	Concern: History Smoking
94	CC2_HIST_SMOKING	Num	8	Limitation: History Smoking
95	CC_HIST_SOLID_ORGAN_CNCR	Num	8	Concern: History Solid Organ Cancer
96	CC2_HIST_SOLID_ORGAN_CNCR	Num	8	Limitation: History Solid Organ Cancer
97	CC_LARGE_BMI	Num	8	Concern: Large BMI
98	CC2_LARGE_BMI	Num	8	Limitation: Large BMI
99	CC_LTD_COG_UNDERSTND	Num	8	Concern: Limited Cognitive Understanding
100	CC2_LTD_COG_UNDERSTND	Num	8	Limitation: Limited Cognitive Understanding
101	CC_LIMITED_SOCIAL_SUPPORT	Num	8	Concern: Limited Social Support
102	CC2_LIMITED_SOCIAL_SUPPORT	Num	8	Limitation: Limited Social Support
103	CC_LIVER_DYSFUNCTION	Num	8	Concern: Liver Dysfunction
104	CC2_LIVER_DYSFUNCTION	Num	8	Limitation: Liver Dysfunction
105	CC_MAJOR_STROKE	Num	8	Concern: Major Stroke
106	CC2_MAJOR_STROKE	Num	8	Limitation: Major Stroke
107	CC_MALNUTRITION_CACHEXIA	Num	8	Concern: Malnutrition/Cachexia
108	CC2_MALNUTRITION_CACHEXIA	Num	8	Limitation: Malnutrition/Cachexia
109	CC_MUSCSKELETAL_LIMIT	Num	8	Concern: Musculoskeletal Limitation
110	CC2_MUSCSKELETAL_LIMIT	Num	8	Limitation: Musculoskeletal Limitation
111	CC_NARCOTIC_DEPENDENCE	Num	8	Concern: Narcotic Dependence
112	CC2_NARCOTIC_DEPENDENCE	Num	8	Limitation: Narcotic Dependence
113	CC_OTHER_CO_MORBIDITY	Num	8	Concern: Other Co-Morbidity
114	CC2_OTHER_CO_MORBIDITY	Num	8	Limitation: Other Co-Morbidity

Num	Variable	Type	Len	Label
115	CC_OTH_MAJOR_PSYCH_DIAG	Num	8	Concern: Other Major Psychological Diagnosis
116	CC2_OTH_MAJOR_PSYCH_DIAG	Num	8	Limitation: Other Major Psychological Diagnosis
117	CC_OTH_CEREBROVASC_DISEASE	Num	8	Concern: Other Cerebrovascular Disease
118	CC2_OTH_CEREBROVASC_DISEASE	Num	8	Limitation: Other Cerebrovascular Disease
119	CC_PX_DOES_NOT_WANT_TX	Num	8	Concern: Patient Does Not Want Transplant
120	CC2_PX_DOES_NOT_WANT_TX	Num	8	Limitation: Patient Does Not Want Transplant
121	CC_PERIPH_VASC_DISEASE	Num	8	Concern: Peripheral Vascular Disease
122	CC2_PERIPH_VASC_DISEASE	Num	8	Limitation: Peripheral Vascular Disease
123	CC_PULMONARY_DISEASE	Num	8	Concern: Pulmonary Disease
124	CC2_PULMONARY_DISEASE	Num	8	Limitation: Pulmonary Disease
125	CC_PULMONARY_HYPERTENSION	Num	8	Concern: Pulmonary Hypertension
126	CC2_PULMONARY_HYPERTENSION	Num	8	Limitation: Pulmonary Hypertension
127	CC_RCNT_PULM_EMBOLUS	Num	8	Concern: Recent Pulmonary Embolus
128	CC2_RCNT_PULM_EMBOLUS	Num	8	Limitation: Recent Pulmonary Embolus
129	CC_RPTD_NON_COMPLIANCE	Num	8	Concern: Repeated Non Compliance
130	CC2_RPTD_NON_COMPLIANCE	Num	8	Limitation: Repeated Non Compliance
131	CC_SEVERE_DEPRESSION	Num	8	Concern: Severe Depression
132	CC2_SEVERE_DEPRESSION	Num	8	Limitation: Severe Depression
133	CC_SEVERE_DIABETES	Num	8	Concern: Severe Diabetes
134	CC2_SEVERE_DIABETES	Num	8	Limitation: Severe Diabetes
135	CC_THORACIC_AORTIC_DIS	Num	8	Concern: Thoracic Aortic Disease
136	CC2_THORACIC_AORTIC_DIS	Num	8	Limitation: Thoracic Aortic Disease
137	CC_UNFAV_MEDIASTINAL_ANAT	Num	8	Concern: Unfavorable Mediastinal Anatomy
138	CC2_UNFAV_MEDIASTINAL_ANAT	Num	8	Limitation: Unfavorable Mediastinal Anatomy
139	CC_ANASARCA	Num	8	Concern: Anasarca
140	CC2_ANASARCA	Num	8	Limitation: Anasarca
141	CC_GEN_SYNDROME	Num	8	Concern: Genetic Syndrome
142	CC2_GEN_SYNDROME	Num	8	Limitation: Genetic Syndrome
143	CC2_PLASTIC	Num	8	Limitation: Plastic Bronchitis
144	CC2_PROTEIN_LOSING	Num	8	Limitation: Protein Losing Enteropathy
145	CC2_TRACH	Num	8	Limitation: Tracheotomy
146	CC_PLASTIC	Num	8	Concern: Plastic Bronchitis
147	CC_PROTEIN_LOSING	Num	8	Concern: Protein Losing Enteropathy
148	CC_TRACH	Num	8	Concern: Tracheotomy
149	GENETIC_SYNDROME	Num	8	Genetic Syndrome Type
150	NUM_STERNOTOMIES	Num	8	Number of Sternotomies
151	CC_NEURO_ABNORMAL	Num	8	Concern: Neuro Abnormal
152	CC2_NEURO_ABNORMAL	Num	8	Limitation: Neuro Abnormal
153	HIV_VIRAL_LOAD_I	Char	1	#HIV-1 RNA Viral Load Incomplete#



Num	Variable	Type	Len	Label
154	HIV_CD4_I	Char	1	#CD4 T-Cell Count Incomplete#
155	HIV_ESR_I	Char	1	#Erythrocyte Sedimentation Rate Incomplete#
156	HIV_CRP_I	Char	1	#C Reactive Protein Incomplete#
157	HIV_HIST_HEP_B_I	Char	1	#HIV History of Hepatitis B Incomplete#
158	HIV_HIST_HEP_C_I	Char	1	#HIV History of Hepatitis C Incomplete#
159	HIV_HX_OP_IN	Char	1	#HIV Opportunistic Infection Since Last Followup#
160	HIV_VIRAL_LOAD	Num	8	#HIV-1 RNA Viral Load#
161	HIV_CD4	Num	8	#CD4 T-Cell Count#
162	HIV_ESR	Num	8	#Erythrocyte Sedimentation Rate#
163	HIV_CRP	Num	8	#C Reactive Protein#
164	HIV_ART_ABACAVIR	Num	8	*#Antiretroviral Therapy: Abacavir#*
165	HIV_ART_ATAZANAVIR	Num	8	*#Antiretroviral Therapy: Atazanavir#*
166	HIV_ART_ATRIPLA	Num	8	*#Antiretroviral Therapy: Atripla#*
167	HIV_ART_COMBIVIR	Num	8	*#Antiretroviral Therapy: Combivir#*
168	HIV_ART_COMPLERA	Num	8	*#Antiretroviral Therapy: Complera#*
169	HIV_ART_DARUNAVIR	Num	8	*#Antiretroviral Therapy: Darunavir#*
170	HIV_ART_DELAVIRDINE	Num	8	*#Antiretroviral Therapy: Delavirdine#*
171	HIV_ART_DIDANOSINE	Num	8	*#Antiretroviral Therapy: Didanosine#*
172	HIV_ART_DOLUTEGRAVIR	Num	8	*#Antiretroviral Therapy: Dolutegravir#*
173	HIV_ART_EFAVIRENZ	Num	8	*#Antiretroviral Therapy: Efavirenz#*
174	HIV_ART_EMTRICITABINE	Num	8	*#Antiretroviral Therapy: Emtricitabine#*
175	HIV_ART_ENFUVRTIDE	Num	8	*#Antiretroviral Therapy: Enfuvirtide#*
176	HIV_ART_EPZICOM	Num	8	*#Antiretroviral Therapy: Epzicom#*
177	HIV_ART_ETRAVIRINE	Num	8	*#Antiretroviral Therapy: Etravirine#*
178	HIV_ART_FOSAMPRENAVIR	Num	8	*#Antiretroviral Therapy: Fosamprenavir#*
179	HIV_ART_INDINAVIR	Num	8	*#Antiretroviral Therapy: Indinavir#*
180	HIV_ART_KALETRA	Num	8	*#Antiretroviral Therapy: Kaletra#*
181	HIV_ART_LAMIVUDINE	Num	8	*#Antiretroviral Therapy: Lamivudine#*
182	HIV_ART_MARAVIROC	Num	8	*#Antiretroviral Therapy: Maraviroc#*
183	HIV_ART_NELFINAVIR	Num	8	*#Antiretroviral Therapy: Nelfinavir#*
184	HIV_ART_NEVIRAPINE	Num	8	*#Antiretroviral Therapy: Nevirapine#*
185	HIV_ART_RALTEGRAVIR	Num	8	*#Antiretroviral Therapy: Raltegravir#*
186	HIV_ART_RILPIVIRINE	Num	8	*#Antiretroviral Therapy: Rilpivirine#*
187	HIV_ART_RITONAVIR	Num	8	*#Antiretroviral Therapy: Ritonavir#*
188	HIV_ART_SAQUINAVIR	Num	8	*#Antiretroviral Therapy: Saquinavir#*
189	HIV_ART_STAVUDINE	Num	8	*#Antiretroviral Therapy: Stavudine#*
190	HIV_ART_STRIBILD	Num	8	*#Antiretroviral Therapy: Stribild#*
191	HIV_ART_TDF	Num	8	*#Antiretroviral Therapy: TDF#*
192	HIV_ART_TIPRANIVIR	Num	8	*#Antiretroviral Therapy: Tipranivir#*

Num	Variable	Type	Len	Label
193	HIV_ART_TRIZIVIR	Num	8	*#Antiretroviral Therapy: Trizivir#*
194	HIV_ART_TRUVADA	Num	8	*#Antiretroviral Therapy: Truvada#*
195	HIV_ART_ZIDOVUDINE	Num	8	*#Antiretroviral Therapy: Zidovudine#*
196	HIV_ART_UNKNOWN	Num	8	*#Antiretroviral Therapy: Unknown#*
197	HIV_ART_NONE	Num	8	*#Antiretroviral Therapy: None#*
198	HIV_INF_PRO_ATOVAQUONE	Num	8	*#Infection Prophylaxis: Atovaquone#*
199	HIV_INF_PRO_AZITHROMYCIN	Num	8	*#Infection Prophylaxis: Azithromycin#*
200	HIV_INF_PRO_DAPSONE	Num	8	*#Infection Prophylaxis: Dapsone#*
201	HIV_INF_PRO_FLUCONAZOLE	Num	8	*#Infection Prophylaxis: Fluconazole#*
202	HIV_INF_PRO_PENTAMIDINE	Num	8	*#Infection Prophylaxis: Pentamidine#*
203	HIV_INF_PRO_TMP_SMX	Num	8	*#Infection Prophylaxis: Trimethoprim-sulfamethoxazole#*
204	HIV_INF_PRO_UNKNOWN	Num	8	*#Infection Prophylaxis: Unknown#*
205	HIV_INF_PRO_NONE	Num	8	*#Infection Prophylaxis: None#*
206	HIV_HX_OP_IN_CRYPTOCOCCOSIS	Num	8	*#History of Opportunistic Infection: Cryptococcosis#*
207	HIV_HX_OP_IN_CYTOMEGALOVIRUS	Num	8	*#History of Opportunistic Infection: Cytomegalovirus#*
208	HIV_HX_OP_IN_EBV	Num	8	*#History of Opportunistic Infection: Epstein Barr Virus#*
209	HIV_HX_OP_IN_ESOPH_CANDID	Num	8	*#History of Opportunistic Infection: Esophageal Candidiasis#*
210	HIV_HX_OP_IN_HISTOPLASMOSIS	Num	8	*#History of Opportunistic Infection: Histoplasmosis#*
211	HIV_HX_OP_IN_KAPOSIS_SARCOMA	Num	8	*#History of Opportunistic Infection: Kaposi Sarcoma#*
212	HIV_HX_OP_IN_MAC_DISSEMINATED	Num	8	*#History of Opportunistic Infection: Mycobacterium Avium Complex#*
213	HIV_HX_OP_IN_CARINII_PCP	Num	8	*#History of Opportunistic Infection: Pneumocystis#*
214	HIV_HX_OP_IN_TOXOPLASMOSIS	Num	8	*#History of Opportunistic Infection: Toxoplasmosis#*
215	HIV_HX_OP_IN_TUBERCULOSIS	Num	8	*#History of Opportunistic Infection: Tuberculosis#*
216	HIV_HX_OP_IN_NONE	Num	8	*#History of Opportunistic Infection: None#*
217	HIV_HIST_HEP_B	Num	8	#HIV History of Hepatitis B#
218	HIV_HIST_HEP_C	Num	8	#HIV History of Hepatitis C#
219	ACT_FLG	Num	8	Site Activation flag (0=pre/1=post) - DV
220	HGT_CM	Num	8	Height (cm)
221	HGT_CM_I	Char	10	Height Incomplete
222	HGT_IN	Num	8	Height (in)
223	WGT_KG	Num	8	Weight (kg)
224	WGT_KG_I	Char	1	Weight Incomplete
225	WGT_LBS	Num	8	Weight (lbs)
226	BLOOD_TYPE	Num	8	Blood Type
227	DEVICE_STRATEGY	Num	8	Current Device Strategy
228	PRIMARY_DGN	Num	8	Primary Diagnosis
229	PREV_CARDIAC_OPER	Num	8	*Previous Cardiac Operation*
230	PREV_CARDIAC_OPER_NONE	Num	8	*Previous Cardiac Operation (None)*

Num	Variable	Type	Len	Label
231	PREV_CARDIAC_OPER_CABG	Num	8	*Previous Cardiac Operation (CABG)*
232	PREV_CARDIAC_OPER_AVR	Num	8	*Previous Cardiac Operation (Aortic Valve Replacement/Repair)*
233	PREV_CARDIAC_OPER_MVR	Num	8	*Previous Cardiac Operation (Mitral Valve Replacement/Repair)*
234	PREV_CARDIAC_OPER_CON_CAR_SUR	Num	8	*Previous Cardiac Operation (Congenital Cardiac Surgery)*
235	PREV_CARDIAC_OPER_LVAD	Num	8	*Previous Cardiac Operation (LVAD)*
236	PREV_CARDIAC_OPER_RVAD	Num	8	*Previous Cardiac Operation (RVAD)*
237	PREV_CARDIAC_OPER_TAH	Num	8	*Previous Cardiac Operation (TAH)*
238	PREV_CARDIAC_OPER_OTHER	Num	8	*Previous Cardiac Operation (Other Specify (INCLUDE ONLY OPERATIONS ACTUALLY PERFORMED ON HEART OR GREAT VESSELS))*
239	PREV_CARDIAC_OPER_ANEURS_DOR	Num	8	*Previous Cardiac Operation (Aneurysmectomy DOR)*
240	PREV_CARDIAC_OPER_TVR	Num	8	*Previous Cardiac Operation (Tricuspid Replacement/Repair)*
241	PREV_CARDIAC_OPER_PREV_TRANS	Num	8	*Previous Cardiac Operation (Previous Heart Transplant)*
242	PREV_CARDIAC_OPER_PREV_ECMO	Num	8	*Previous Cardiac Operation (Previous ECMO)*
243	ADMISSION_REASON	Num	8	Admission Reason
244	CURRENT_ICD	Char	1	Current ICD
245	EVENT_HOSP	Num	8	*Events this Hospitalization*
246	EVENT_HOSP_DIALYSIS	Num	8	*Events this Hospitalization (Dialysis)*
247	EVENT_HOSP_INTUB	Num	8	*Events this Hospitalization (Intubation)*
248	EVENT_HOSP_MAJOR_MI	Num	8	*Events this Hospitalization (Major MI)*
249	EVENT_HOSP_MAJOR_MI_POS_BLD	Num	8	*Events this Hospitalization (Major Infections/Positive Blood Cultures)*
250	EVENT_HOSP_OTH_SUR_PROC	Num	8	*Events this Hospitalization (Other Surgical Procedures)*
251	EVENT_HOSP_UNKNOWN	Num	8	*Events this Hospitalization (Unknown)*
252	EVENT_HOSP_NONE	Num	8	*Events this Hospitalization (None)*
253	EVENT_HOSP_IABP	Num	8	*Events this Hospitalization (IABP)*
254	EVENT_HOSP_ULTRAFILT	Num	8	*Events this Hospitalization (Ultrafiltration)*
255	EVENT_HOSP_FEED_TUBE	Num	8	*Events this Hospitalization (Feeding Tube)*
256	EVENT_HOSP_ECMO	Num	8	*Events this Hospitalization (ECMO)*
257	EVENT_HOSP_CABG	Num	8	*Events this Hospitalization (CABG)*
258	EVENT_HOSP_AVR	Num	8	*Events this Hospitalization (Aortic Valve Replacement/Repair)*
259	EVENT_HOSP_MVR	Num	8	*Events this Hospitalization (Mitral Valve Replacement/Repair)*
260	EVENT_HOSP_CON_CAR_SUR	Num	8	*Events this Hospitalization (Congenital Cardiac Surgery)*
261	EVENT_HOSP_LVAD	Num	8	*Events this Hospitalization (LVAD)*
262	EVENT_HOSP_RVAD	Num	8	*Events this Hospitalization (RVAD)*
263	EVENT_HOSP_TAH	Num	8	*Events this Hospitalization (TAH)*
264	EVENT_HOSP_CPAP	Num	8	*Events this Hospitalization (Escalation to CPAP)*
265	EVENT_HOSP_TREAT_REJECT	Num	8	*Events this Hospitalization (Treatment of Rejection)*
266	EVENT_HOSP_ARRHYTHMIA	Num	8	*Events this Hospitalization (Arrhythmia)*
267	EVENT_HOSP_PERI_DRAIN	Num	8	*Events this Hospitalization (Peritoneal Drain)*

Num	Variable	Type	Len	Label
268	EVENT_HOSP_PREV_ECMO	Num	8	*Events this Hospitalization (Previous ECMO)*
269	EVENT_HOSP_NON_CARD_PROC	Num	8	*Events this Hospitalization (Non-Cardiac Procedure)*
270	EVENT_HOSP_PREV_TXPL	Num	8	*Events this Hospitalization (Previous Heart Transplant)*
271	INFECTION_TYPE	Num	8	Infection Type
272	INFECTION_LOC	Num	8	Infection Location
273	IV_INO_THERAPY	Char	1	IV Inotrope Therapy
274	IV_INO_THERAPY_AGENTS	Num	8	*IV Inotrope Therapy Agents*
275	IV_INO_THERAPY_AGENTS DOBUT	Num	8	*IV Inotrope Therapy Agents (Dobutamine)*
276	IV_INO_THERAPY_AGENTS DOPA	Num	8	*IV Inotrope Therapy Agents (Dopamine)*
277	IV_INO_THERAPY_AGENTS MILRI	Num	8	*IV Inotrope Therapy Agents (Milrinone)*
278	IV_INO_THERAPY_AGENTS LEVOSI	Num	8	*IV Inotrope Therapy Agents (Levosimendan)*
279	IV_INO_THERAPY_AGENTS EPINEPH	Num	8	*IV Inotrope Therapy Agents (Epinephrine)*
280	IV_INO_THERAPY_AGENTS NOREPI	Num	8	*IV Inotrope Therapy Agents (Norepinephrine)*
281	IV_INO_THERAPY_AGENTS ISOPRO	Num	8	*IV Inotrope Therapy Agents (Isoproterenol)*
282	IV_INO_THERAPY_AGENTS_OTHER	Num	8	*IV Inotrope Therapy Agents (Other, Specify)*
283	IV_INO_THERAPY_AGENTS_UNK	Num	8	*IV Inotrope Therapy Agents (Unknown)*
284	IV_INO_THERAPY_AGENTS_VASO	Num	8	*IV Inotrope Therapy Agents (Vasopressin)*
285	IV_INO_THERAPY_AGENTS_NITRO	Num	8	*IV Inotrope Therapy Agents (Nitroprusside)*
286	IV_INO_THERAPY_AGENTS_FENOL	Num	8	*IV Inotrope Therapy Agents (Fenoldopam)*
287	IV_INO_THERAPY_AGENTS_NESER	Num	8	*IV Inotrope Therapy Agents (Neseritide)*
288	PX_PROFILE	Num	8	Patient Profile
289	MULTIPLE_DEVICE	Num	8	Multiple Device
290	MODIFIER_A	Char	1	Modifier A
291	MODIFIER_TCS	Char	1	Modifier Temporary Circulatory Support
292	MODIFIER_FF	Char	1	Modifier Frequent Flier
293	SEC_DGN_BV_CAVC	Num	8	*#Secondary Diagnosis: Cong: BiVent: CAVC/VSD/ASD#*
294	SEC_DGN_BV_CCT	Num	8	*#Secondary Diagnosis: Cong: BiVent: (I-TGA) (CC-TGA)#*
295	SEC_DGN_BV_EA	Num	8	*#Secondary Diagnosis: Cong: BiVent: Ebstein's Anomaly#*
296	SEC_DGN_BV_KD	Num	8	*#Secondary Diagnosis: Cong: BiVent: Kawasaki Disease#*
297	SEC_DGN_BV_LHV	Num	8	*#Secondary Diagnosis: Cong: BiVent: Left Heart Valve/Structural Hypoplasia#*
298	SEC_DGN_BV_TA	Num	8	*#Secondary Diagnosis: Cong: BiVent: Truncus Arteriosus#*
299	SEC_DGN_BV_TGA	Num	8	*#Secondary Diagnosis: Cong: BiVent: (d-TGA)#*
300	SEC_DGN_BV_TOF	Num	8	*#Secondary Diagnosis: Cong: BiVent: TOF/TOF Variant#*
301	SEC_DGN_CANCER	Num	8	*#Secondary Diagnosis: Cancer#*
302	SEC_DGN_COR_ART_DIS	Num	8	*#Secondary Diagnosis: Coronary Artery Disease#*
303	SEC_DGN_DIL_MYO_ADRIAMYCIN	Num	8	*#Secondary Diagnosis: Dil Myo: Adriamycin#*
304	SEC_DGN_DIL_MYO_ALCOHOLIC	Num	8	*#Secondary Diagnosis: Dil Myo: Alcoholic#*
305	SEC_DGN_DIL_MYO_FAMILIAL	Num	8	*#Secondary Diagnosis: Dil Myo: Familial#*

Num	Variable	Type	Len	Label
306	SEC_DGN_DIL_MYO_IDIOPATHIC	Num	8	*#Secondary Diagnosis: Dil Myo: Idiopathic#*
307	SEC_DGN_DIL_MYO_ISCHEMIC	Num	8	*#Secondary Diagnosis: Dil Myo: Ischemic#*
308	SEC_DGN_DIL_MYO_LV	Num	8	*#Secondary Diagnosis: Dil Myo: LV Non-Compaction#*
309	SEC_DGN_DIL_MYO_MYOCARDITIS	Num	8	*#Secondary Diagnosis: Dil Myo: Myocarditis#*
310	SEC_DGN_DIL_MYO_OTHER	Num	8	*#Secondary Diagnosis: Dil Myo: Other#*
311	SEC_DGN_DIL_MYO_POST_PART	Num	8	*#Secondary Diagnosis: Dil Myo: Post Partum#*
312	SEC_DGN_DIL_MYO_UNSPECIFIED	Num	8	*#Secondary Diagnosis: Dil Myo: Unspecified#*
313	SEC_DGN_DIL_MYO_VIRAL	Num	8	*#Secondary Diagnosis: Dil Myo: Viral#*
314	SEC_DGN_HYPER_CARDIOMYO	Num	8	*#Secondary Diagnosis: Hypertrophic Cardiomyopathy#*
315	SEC_DGN_NONE	Num	8	*#Secondary Diagnosis: None#*
316	SEC_DGN_POST_TX_GRFT_DYS	Num	8	*#Secondary Diagnosis: Post Transplant / Graft Dysfunction#*
317	SEC_DGN_REST_MYO_AMYLOID	Num	8	*#Secondary Diagnosis: Rest Myo: Amyloidosis#*
318	SEC_DGN_REST_MYO_ENDO_FIB	Num	8	*#Secondary Diagnosis: Rest Myo: Endocardial Fibrosis#*
319	SEC_DGN_REST_MYO_IDIOPATHIC	Num	8	*#Secondary Diagnosis: Rest Myo: Idiopathic#*
320	SEC_DGN_REST_MYO_OTHER	Num	8	*#Secondary Diagnosis: Rest Myo: Other#*
321	SEC_DGN_REST_MYO_RAD_CHEMO	Num	8	*#Secondary Diagnosis: Rest Myo: Radiation/Chemo#*
322	SEC_DGN_REST_MYO_SARCOIDOSIS	Num	8	*#Secondary Diagnosis: Rest Myo: Sarcoidosis#*
323	SEC_DGN_REST_MYO_UNSPECIFIED	Num	8	*#Secondary Diagnosis: Rest Myo: Unspecified#*
324	SEC_DGN_SV_HETEROTAXY	Num	8	*#Secondary Diagnosis: Cong: SVent: Heterotaxy / Complex CAVC#*
325	SEC_DGN_SV_HLF	Num	8	*#Secondary Diagnosis: Cong: SVent: Hypoplastic Left Heart#*
326	SEC_DGN_SV_OTHER	Num	8	*#Secondary Diagnosis: Cong: SVent: Other#*
327	SEC_DGN_SV_PA_IVS	Num	8	*#Secondary Diagnosis: Cong: SVent: Pulmonary Atresia with IVS#*
328	SEC_DGN_SV_PA_IVS_RVDC	Num	8	*#Secondary Diagnosis: Cong: SVent: Pulmonary Atresia with IVS (RVDC)#*
329	SEC_DGN_SV_UNSPECIFIED	Num	8	*#Secondary Diagnosis: Cong: SVent: Unspecified#*
330	SEC_DGN_UNKNOWN	Num	8	*#Secondary Diagnosis: Unknown#*
331	SEC_DGN_VALV_HRT_DIS	Num	8	*#Secondary Diagnosis: Valvular Heart Disease#*
332	PREV_CARD_OP_CON_SUR_DBL_SWCH	Num	8	*Previous Congenital Cardiac Surgery (Congenitally Corrected Transposition Repair (double switch))*
333	PREV_CARD_OP_CON_SUR_CLASSIC	Num	8	*Previous Congenital Cardiac Surgery (Congenitally Corrected Transposition Repair (classic))*
334	PREV_CARD_OP_CON_SUR_PA_BAND	Num	8	*Previous Congenital Cardiac Surgery (PA Banding)*
335	PREV_CARD_OP_CON_SUR_TOV_REP	Num	8	*Previous Congenital Cardiac Surgery (TOF / DORV / RVOTO Repair)*
336	PREV_CARD_OP_CON_SUR_EBSTEIN	Num	8	*Previous Congenital Cardiac Surgery (Ebsteins Anomaly Repair)*
337	PREV_CARD_OP_CON_SUR_VSD_REP	Num	8	*Previous Congenital Cardiac Surgery (VSD Repair)*
338	PREV_CARD_OP_CON_SUR_NORWOOD	Num	8	*Previous Congenital Cardiac Surgery (Norwood Stage I)*
339	PREV_CARD_OP_CON_SUR_GLENN	Num	8	*Previous Congenital Cardiac Surgery (Glenn Procedure)*

Num	Variable	Type	Len	Label
340	PREV_CARD_OP_CON_SUR_FONTAN	Num	8	*Previous Congenital Cardiac Surgery (Fontan Procedure)*
341	PREV_CARD_OP_CON_SUR_ART_SWCH	Num	8	*Previous Congenital Cardiac Surgery (d-Transposition of the Great Vessels Repair - Arterial Switch Operation)*
342	PREV_CARD_OP_CON_SUR_SEN_MSTRD	Num	8	*Previous Congenital Cardiac Surgery (d-Transposition of the Great Vessels Repair - Atrial Switch (Senning / Mustard))*
343	PREV_CARD_OP_CON_SUR_AP_SH	Num	8	*#Previous Cardiac Operation: Congenital Surgery: AP Shunt#*
344	PREV_CARD_OP_CON_SUR_ASD	Num	8	*#Previous Cardiac Operation: Congenital Surgery: ASD#*
345	PREV_CARD_OP_CON_SUR_SEP_DEFCT	Num	8	*Previous Congenital Cardiac Surgery (Complete AV Septal Defect Repair)*
346	PREV_CARD_OP_CON_SUR_OTHER	Num	8	*Previous Congenital Cardiac Surgery (Other, Specify)*
347	PREV_CARD_OP_CON_SUR_TRUNCUS	Num	8	*Previous Congenital Cardiac Surgery (Truncus Arteriosus Repair)*
348	PREV_CARD_OP_CON_SUR_HYBRID_REP	Num	8	*Previous Congenital Cardiac Surgery (Hybrid Repair)*
349	PREV_CARD_OP_CON_SUR_DKS	Num	8	*#Previous Cardiac Operation: Congenital Surgery: Damus Kaye Stansel#*
350	ADMISSION_REASON_NON_CARD_GI	Num	8	*Admitting Diagnosis: Non-Cardiac (GI (Nausea, vomiting, diarrhea))*
351	ADMISSION_REASON_NON_CARD_RESP	Num	8	*Admitting Diagnosis: Non-Cardiac (Respiratory (SOB, wheezing, respiratory failure))*
352	ADMISSION_REASON_NON_CARD_FTT	Num	8	*Admitting Diagnosis: Non-Cardiac (FTT)*
353	ADMISSION_REASON_NON_CARD_LETH	Num	8	*Admitting Diagnosis: Non-Cardiac (Lethargy)*
354	ADMISSION_REASON_NON_CARD_OTHER	Num	8	*Admitting Diagnosis: Non-Cardiac (Other, Specify)*
355	EVNT_HOS_CON_CAR_SUR_DBL_SWCH	Num	8	*Congenital Cardiac Surgery this Hospitalization: Congenitally Corrected Transposition Repair (double switch)*
356	EVNT_HOS_CON_CAR_SUR_CLASSIC	Num	8	*Congenital Cardiac Surgery this Hospitalization: Congenitally Corrected Transposition Repair (classic)*
357	EVNT_HOS_CON_CAR_SUR_PA_BAND	Num	8	*Congenital Cardiac Surgery this Hospitalization: PA Banding*
358	EVNT_HOS_CON_CAR_SUR_TOV_REP	Num	8	*Congenital Cardiac Surgery this Hospitalization: TOV/DORV/RVOTO Repair*
359	EVNT_HOS_CON_CAR_SUR_EBSTEIN	Num	8	*Congenital Cardiac Surgery this Hospitalization: Ebsteins Anomaly Repair*
360	EVNT_HOS_CON_CAR_SUR_VSD_REP	Num	8	*Congenital Cardiac Surgery this Hospitalization: VSD Repair*
361	EVNT_HOS_CON_CAR_SUR_NORWOOD	Num	8	*Congenital Cardiac Surgery this Hospitalization: Norwood Stage I*
362	EVNT_HOS_CON_CAR_SUR_GLENN	Num	8	*Congenital Cardiac Surgery this Hospitalization (Glenn Procedure)*
363	EVNT_HOS_CON_CAR_SUR_FONTAN	Num	8	*Congenital Cardiac Surgery this Hospitalization: Fontan Procedure*
364	EVNT_HOS_CON_CAR_SUR_ART_SWCH	Num	8	*Congenital Cardiac Surgery this Hospitalization: Transposition of the Great Vessels Repair (Arterial switch operation)*
365	EVNT_HOS_CON_CAR_SUR_SEN_MSTRD	Num	8	*Congenital Cardiac Surgery this Hospitalization: Transposition of the Great Vessels Repair (Senning/Mustard)*
366	EVNT_HOS_CON_CAR_SUR_AP_SHU	Num	8	*#Congenital Cardiac Surgery this Hospitalization: AP Shunt#*
367	EVNT_HOS_CON_CAR_SUR_ASD	Num	8	*#Congenital Cardiac Surgery this Hospitalization: ASD Repair#*

Num	Variable	Type	Len	Label
368	EVNT_HOS_CON_CAR_SUR_SEP_DEFCT	Num	8	*Congenital Cardiac Surgery this Hospitalization: Complete AV Septal Defect Repair*
369	EVNT_HOS_CON_CAR_SUR_OTHER	Num	8	*Congenital Cardiac Surgery this Hospitalization: Other, Specify*
370	EVNT_HOS_CON_CAR_SUR_TRUNCUS	Num	8	*Congenital Cardiac Surgery this Hospitalization: Truncus Arteriosus Repair*
371	EVNT_HOS_CON_CAR_SUR_HYBRID	Num	8	*Congenital Cardiac Surgery this Hospitalization (Hybrid Repair)*
372	EVNT_HOS_CON_CAR_SUR_DKS	Num	8	*#Congenital Cardiac Surgery this Hospitalization: Damus Kaye Stansel#*
373	NUM_HR_FAIL_HOSP	Num	8	Number Heart Failure Hospitalizations in Last Year
374	PRI_CLIN_MAN	Num	8	Primary Reason: Clinical Manifestation of Heart Failure
375	PRI_CLIN_MAN_DEC_NU_EMES	Num	8	*Primary: Decline in Nutrition / Feeding Intolerance (Emesis or Inadequate Calories (<70% prescribed) Requiring Enteral Feeding Tube Placement)*
376	PRI_CLIN_MAN_DEC_NU_RECUR_EMES	Num	8	*Primary: Decline in Nutrition / Feeding Intolerance (Recurrent Emesis with Adequate Caloric Intake Despite Feeding Tube Placement)*
377	PRI_CLIN_MAN_DEC_NU_INAD_CAL	Num	8	*Primary: Decline in Nutrition / Feeding Intolerance (Inadequate Caloric Intake (with or without emesis) Despite Feeding Tube Placement)*
378	PRI_CLIN_MAN_DEC_NU_PARENT	Num	8	*Primary: Decline in Nutrition / Feeding Intolerance (Requiring Parental (IV) Nutrition)*
379	SEC_CLIN_MAN_RENAL	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Decline in Renal Function)*
380	SEC_CLIN_MAN_HEPATIC	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Decline in Hepatic Function)*
381	SEC_CLIN_MAN_RESP	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Decline in Respiratory Function)*
382	SEC_CLIN_MAN_FLUID	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Refractory Fluid Retention / Volume Overload)*
383	SEC_CLIN_MAN_CARDIAC	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Decline in Cardiac Output (by exam, mixed venous saturation, or cath) Prior to Onset of Worsening Acidosis / Lactate)*
384	SEC_CLIN_MAN_SINUS	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Incessant Severe Sinus Tachycardia)*
385	SEC_CLIN_MAN_TACH_ARRH	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Worsening Tachyarrhythmia)*
386	SEC_CLIN_MAN_OTHER	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Other, Please Specify)*
387	SEC_CLIN_MAN_NO_REPORT	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Not Reported)*
388	SEC_CLIN_MAN_NUTRITION	Num	8	*Secondary Reason: Clinical Manifestation of Heart Failure (Decline in Nutrition / Feeding Intolerance, if so check all that apply)*
389	SEC_CLIN_MAN_DEC_NU_EMES	Num	8	*Secondary: Decline in Nutrition / Feeding Intolerance (Emesis or Inadequate Calories (<70% prescribed) Requiring Enteral Feeding Tube Placement)*

Num	Variable	Type	Len	Label
390	SEC_CLIN_MAN_DEC_NU_RECUR_EMES	Num	8	*Secondary: Decline in Nutrition / Feeding Intolerance (Recurrent Emesis with Adequate Caloric Intake Despite Feeding Tube Placement)*
391	SEC_CLIN_MAN_DEC_NU_INAD_CAL	Num	8	*Secondary: Decline in Nutrition / Feeding Intolerance (Inadequate Caloric Intake (with or without emesis) Despite Feeding Tube Placement)*
392	SEC_CLIN_MAN_DEC_NU_PARENT	Num	8	*Secondary: Decline in Nutrition / Feeding Intolerance (Requiring Parental (IV) Nutrition)*
393	TREAT_HR_FAIL	Char	1	Treated for Heart Failure Prior to Admission
394	HX_MCSD	Num	8	History of MCSD (1,0) - DV
395	GENDER	Char	1	Gender
396	ETHNICITY	Char	1	Ethnicity
397	RACE_AM_IND	Num	8	*Race (American Indian or Alaska Native)*
398	RACE_ASIAN	Num	8	*Race (Asian)*
399	RACE_AF_AMER	Num	8	*Race (African - American or Black)*
400	RACE_PAC_ISLAND	Num	8	*Race (Hawaiian or Other Pacific Islander)*
401	RACE_WHITE	Num	8	*Race (White)*
402	RACE_UNKNOWN	Num	8	*Race (Unknown/Undisclosed)*
403	RACE_OTHER	Num	8	*Race (Other/None of the Above)*
404	PX_STAT	Char	1	Patient Status
405	VAD_STUDY	Char	1	VAD Study
406	VAD_STUDY_INDUSTRY	Char	1	Industry Sponsored Post Approval Study
407	VAD_INDICATION	Num	8	VAD Indication
408	DEVICE_TY	Num	8	Device Type
409	LVAD_CAN_INFLOW	Num	8	LVAD Cannulae Inflow
410	LVAD_CAN_OUTFLOW	Num	8	LVAD Cannulae Outflow
411	RVAD_CAN_INFLOW	Num	8	RVAD Cannulae Inflow
412	RVAD_CAN_OUTFLOW	Num	8	RVAD Cannulae Outflow
413	CONCOM_SURG_NONE	Num	8	*Concomitant Surgery (None)*
414	CONCOM_SURG_ASD_CLOSE	Num	8	*Concomitant Surgery (ASD Closure)*
415	CONCOM_SURG_PFO_CLOSE	Num	8	*Concomitant Surgery (PFO Closure)*
416	CONCOM_SURG_RVAD_IMPLANT	Num	8	*#Concomitant Surgery: RVAD Implant#*
417	CONCOM_SURG_RVAD_EXPLANT	Num	8	*#Concomitant Surgery: RVAExplant#*
418	CONCOM_SURG_ECMO_DECANN	Num	8	*Concomitant Surgery (ECMO Decannulation)*
419	CONCOM_SURG_CABG	Num	8	*Concomitant Surgery (CABG)*
420	CONCOM_SURG_VSD_CLOSE	Num	8	*Concomitant Surgery (VSD Closure)*
421	CONCOM_SURG_IABP	Num	8	*#Concomitant Surgery: IABP#*
422	CONCOM_SURG_CONG_CARD_SURG	Num	8	*Concomitant Surgery (Congenital Cardiac Surgery, Other)*
423	CONCOM_SURG_AVS_NC	Num	8	*#Concomitant Surgery: Aortic Valve Surgery: Repair (No Valve Closure)#*



Num	Variable	Type	Len	Label
424	CONCOM_SURG_AV_S_C	Num	8	*#Concomitant Surgery: Aortic Valve Surgery: Repair (Valve Closure)#*
425	CONCOM_SURG_AV_S_REP_BIO	Num	8	*Concomitant Surgery (Valve Surgery Aortic Replacement Biological)*
426	CONCOM_SURG_AV_S_REP_MECH	Num	8	*Concomitant Surgery (Valve Surgery Aortic Replacement Mechanical)*
427	CONCOM_SURG_MVS_REPAIR	Num	8	*Concomitant Surgery (Valve Surgery Mitral Repair)*
428	CONCOM_SURG_MVS_REP_BIO	Num	8	*Concomitant Surgery (Valve Surgery Mitral Replacement Biological)*
429	CONCOM_SURG_MVS_REP_MECH	Num	8	*Concomitant Surgery (Valve Surgery Mitral Replacement Mechanical)*
430	CONCOM_SURG_TVS_R_DEVEGA	Num	8	*#Concomitant Surgery: Tricuspid Valve Surgery: Repair (DeVega)#*
431	CONCOM_SURG_TVS_R_RING	Num	8	*#Concomitant Surgery: Tricuspid Valve Surgery: Repair (Ring)#*
432	CONCOM_SURG_TVS_R_OTHER	Num	8	*#Concomitant Surgery: Tricuspid Valve Surgery: Repair (Other)#*
433	CONCOM_SURG_TVS_REP_BIO	Num	8	*Concomitant Surgery (Valve Surgery Tricuspid Replacement Biological)*
434	CONCOM_SURG_TVS_REP_MECH	Num	8	*Concomitant Surgery (Valve Surgery Tricuspid Replacement Mechanical)*
435	CONCOM_SURG_PVS_REPAIR	Num	8	*Concomitant Surgery (Valve Surgery Pulmonary Repair)*
436	CONCOM_SURG_PVS_REP_BIO	Num	8	*Concomitant Surgery (Valve Surgery Pulmonary Replacement Biological)*
437	CONCOM_SURG_PVS_REP_MECH	Num	8	*Concomitant Surgery (Valve Surgery Pulmonary Replacement Mechanical)*
438	CONCOM_SURG_OTHER	Num	8	*Concomitant Surgery (Other Specify)*
439	CONCOM_SURG_AORTIC_REPAIR	Num	8	Concomitant Surgery: Aortic Repair
440	CPB_TIME	Num	8	CPB Time (min)
441	CPB_TIME_I	Char	1	CPB Time Incomplete
442	ASSOC_FINDINGS_PFO_ASD	Num	8	*Associated Findings (PFO/ASD)*
443	ASSOC_FINDINGS_AORT_INSUF	Num	8	*Associated Findings (Aortic Insufficiency)*
444	ASSOC_FINDINGS_TRIC_INSUF	Num	8	*Associated Findings (Tricuspid Insufficiency)*
445	ASSOC_FINDINGS_MECH_VALV	Num	8	*Associated Findings (Mechanical Valve)*
446	ASSOC_FINDINGS_NONE	Num	8	*Associated Findings (None)*
447	AORTIC_INSUFFICIENCY	Num	8	Aortic Insufficiency
448	TRICUSPID_INSUFFICIENCY	Num	8	Tricuspid Insufficiency
449	SURGICAL_APPROACH	Num	8	Surgical Approach
450	SURGERY_TIME	Num	8	#Primary Incision to Closure Time (min)#
451	SURGERY_TIME_I	Char	1	#Primary Incision to Closure Time Incomplete#
452	LVAD_CAN_INFLOW_SIZE	Num	8	LVAD Cannulae Inflow Size (mm)
453	LVAD_CAN_INFLOW_SIZE_I	Char	1	LVAD Cannulae Inflow Size Incomplete
454	LVAD_CAN_OUTFLOW_SIZE	Num	8	LVAD Cannulae Outflow Size (mm)

Num	Variable	Type	Len	Label
455	LVAD_CAN_OUTFLOW_SIZE_I	Char	1	LVAD Cannulae Outflow Size Incomplete
456	LVAD_PUMP_SIZE	Num	8	LVAD Pump Size
457	RVAD_CAN_INFLOW_SIZE	Num	8	RVAD Cannulae Inflow Size (mm)
458	RVAD_CAN_INFLOW_SIZE_I	Char	1	RVAD Cannulae Inflow Size Incomplete
459	RVAD_CAN_OUTFLOW_SIZE	Num	8	RVAD Cannulae Outflow Size (mm)
460	RVAD_CAN_OUTFLOW_SIZE_I	Char	1	RVAD Cannulae Outflow Size Incomplete
461	RVAD_PUMP_SIZE	Num	8	RVAD Pump Size
462	CLAMP_TIME	Num	8	Cross Clamp Time (min)
463	CLAMP_TIME_I	Char	1	Cross Clamp Time Incomplete
464	CIRC_ARREST	Char	1	Circulatory Arrest Required
465	CIRC_ARREST_MIN	Num	8	Circulatory Arrest Required: Minutes
466	CIRC_ARREST_MIN_I	Char	1	Circulatory Arrest Required: Minutes Incomplete
467	IMPLANT_OVERVIEW_STATUS	Char	1	Implant Overview Status
468	MECH_VALVE	Num	8	Associated Findings: Mechanical Valve
469	CLAMP_USED	Char	1	#Clamp Used#
470	CPB_USED	Char	1	#CPB Used#
471	LV_DURABLE	Num	8	LV Durability (1=Dur/0=Temp) - BDV
472	LV_CONT	Num	8	Left ventricle - continuous flow (1,0) - DV
473	LV_CENTRIFUGAL	Num	8	LV Continuous Centrifugal=1 Axial=0 - DV
474	LV_SURG	Num	8	Left ventricle - Intracorporeal=1 Paracorporeal=0 - DV
475	RV_CONT	Num	8	Right ventricle - continuous flow (1,0) - DV
476	RV_DURABLE	Num	8	Right ventricle - Durable=1 Temporary=0 - DV
477	RV_CENTRIFUGAL	Num	8	RV Continuous Centrifugal=1 Axial=0 - BDV
478	RV_SURG	Num	8	Right ventricle - Intracorporeal=1 Paracorporeal=0 - DV
479	DISCHARGE_TO	Num	8	Discharge To
480	ACUTE_CARE	Num	8	Acute Care (days)
481	ACUTE_CARE_I	Char	1	Acute Care Incomplete
482	IMMEDIATE_CARE	Num	8	Immediate Care (days)
483	IMMEDIATE_CARE_I	Char	1	Immediate Care Incomplete
484	DISCONTINUE_INOTROPES	Num	8	Discontinue Inotropes
485	DISCHARGE_STATUS	Num	8	Discharge Status
486	DIS_INT_TRANSPLANT	Num	8	*#Intervention Since Implant: Transplant#*
487	DIS_INT_INV_CARD_PROC	Num	8	*#Intervention Since Implant: Invasive Cardiac Procedure (not Heart Cath)#*
488	DIS_INT_UNKNOWN	Num	8	*#Intervention Since Implant: Unknown#*
489	DIS_INT_NONE	Num	8	*#Intervention Since Implant: None#*
490	DIS_INT_SURG_PROC_DEV	Num	8	*#Intervention Since Implant: Surgical Procedures: Device Related Operation#*
491	DIS_INT_SURG_PROC_NC	Num	8	*#Intervention Since Implant: Surgical Procedures: Non Cardiac Surgical Procedure#*

Num	Variable	Type	Len	Label
492	DIS_INT_SURG_PROC_OTHER	Num	8	*#Intervention Since Implant: Surgical Procedures: Other Procedure#*
493	DIS_INT_SURG_PROC_UNKNOWN	Num	8	*#Intervention Since Implant: Surgical Procedures: Unknown#*
494	DIS_INT_BLEED_GT_48	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: Reoperation for Bleeding/Tamponade > 48 Hours#*
495	DIS_INT_BLEED_LE_48	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: Reoperation for Bleeding Within 48 Hours of Implant#*
496	DIS_INT_DRAINAGE	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: Surgical Drainage or Pericardial Effusion#*
497	DIS_INT_AV_S_REPAIR_NC	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: AV Surgery - Repair (No Valve Closure)#*
498	DIS_INT_AV_S_REPAIR_WC	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: AV Surgery - Repair with Valve Closure#*
499	DIS_INT_AV_S_REPLACE_BIO	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: AV Surgery - Replacement - Biological#*
500	DIS_INT_AV_S_REPLACE_MECH	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: AV Surgery - Replacement - Mechanical#*
501	DIS_INT_MVS_REPAIR	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: MV Surgery - Repair#*
502	DIS_INT_MVS_REPLACE_BIO	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: MV Surgery - Replacement - Biological#*
503	DIS_INT_MVS_REPLACE_MECH	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: MV Surgery - Replacement - Mechanical#*
504	DIS_INT_TVS_REPAIR_DEVEGA	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: TV Surgery - Repair - DeVega#*
505	DIS_INT_TVS_REPAIR_OTHER	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: TV Surgery - Repair - Other#*
506	DIS_INT_TVS_REPAIR_RING	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: TV Surgery - Repair - Ring#*
507	DIS_INT_TVS_REPLACE_BIO	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: TV Surgery - Replacement - Biological#*
508	DIS_INT_TVS_REPLACE_MECH	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: TV Surgery - Replacement - Mechanical#*
509	DIS_INT_PVS_REPAIR	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: PV Surgery - Repair#*
510	DIS_INT_PVS_REPLACE_BIO	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: PV Surgery - Replacement - Biological#*
511	DIS_INT_PVS_REPLACE_MECH	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: PV Surgery - Replacement - Mechanical#*
512	DIS_INT_CARD_OTHER	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: Other Cardiac Surgical Procedure#*
513	DIS_INT_CARD_UNKNOWN	Num	8	*#Intervention Since Implant: Cardiac Surgical Procedures: Unknown#*
514	DIS_INT_REINTUBATION	Num	8	*#Intervention Since Implant: Other Procedures: Reintubation Due to Respiratory Failure#*
515	DIS_INT_DIALYSIS	Num	8	*#Intervention Since Implant: Other Procedures: Dialysis#*

Num	Variable	Type	Len	Label
516	DIS_INT_BRONCHOSCOPY	Num	8	*#Intervention Since Implant: Other Procedures: Bronchoscopy#*
517	DIS_INT_OTHER	Num	8	*#Intervention Since Implant: Other Procedures: Other#*
518	PBRC	Num	8	PBRC
519	PBRC_I	Char	1	PBRC Incomplete
520	EXTUBATION	Num	8	Extubation Date
521	TRANSFUSION	Char	1	Transfusion
522	INTV_HR_CATH_CARD_OUTPUT	Num	8	Interventions Since Implant: Heart Cath: Cardiac Output
523	INTV_HR_CATH_CARD_OUTPUT_I	Char	1	Interventions Since Implant: Heart Cath: Cardiac Output Incomplete
524	INTV_HR_CATH_CVP_PA_DIA	Num	8	Interventions Since Implant: Heart Cath: PA Diastolic
525	INTV_HR_CATH_CVP_PA_DIA_I	Char	1	Interventions Since Implant: Heart Cath: PA Diastolic Incomplete
526	INTV_HR_CATH_CVP_PA_SYS	Num	8	Interventions Since Implant: Heart Cath: PA Systolic
527	INTV_HR_CATH_CVP_PA_SYS_I	Char	1	Interventions Since Implant: Heart Cath: PA Systolic Incomplete
528	INTV_HR_CATH_CVP_PCW	Num	8	Interventions Since Implant: Heart Cath: PCW Pressure
529	INTV_HR_CATH_CVP_PCW_I	Char	1	Interventions Since Implant: Heart Cath: PCW Pressure Incomplete
530	PEDS_PATIENT_REPORT_ID	Num	8	PediMACS Patient Report ID
531	DEVICE_FUNC_NORM	Char	1	Device Function Normal
532	DEATH_LOCATION	Num	8	Death Location
533	DEATH_DEVICE_EXPLANT	Char	1	Device Explanted at Death
534	DEVICE_TO_MANUF	Char	1	Device Returned to Manufacturer
535	PRIMARY_COD	Num	8	Primary Cause of Death
536	PRIMARY_COD_CANCER	Num	8	Primary Cause of Death Cancer
537	DEVICE_MAL_OPER	Char	1	#Operation Associated with the Device Malfunction#
538	EXPLANT_DEVICE_TY	Num	8	Explanted Device Type
539	EXPLANT_REASON	Num	8	Explant Reason
540	EXCH_NEW_STUDY	Char	1	#Exchanged - Device Part of an FDA IDE Trial#
541	EXPLANT_EXCH_DEV_MAL_ELEC	Num	8	*\$Explant Reason - Exchange (Device Malfunction: Elective)\$*
542	EXPLANT_EXCH_DEV_MAL_EMER	Num	8	*\$Explant Reason - Exchange (Device Malfunction: Emergent)\$*
543	EXPLANT_EXCH_DEV_THR_ELEC	Num	8	*\$Explant Reason - Exchange (Device Thrombosis: Elective)\$*
544	EXPLANT_EXCH_DEV_THR_EMER	Num	8	*\$Explant Reason - Exchange (Device Thrombosis: Emergent)\$*
545	EXPLANT_EXCH_INFECT_ELEC	Num	8	*\$Explant Reason - Exchange (Infection: Elective)\$*
546	EXPLANT_EXCH_INFECT_EMER	Num	8	*\$Explant Reason - Exchange (Infection: Emergent)\$*
547	EXPLANT_EXCH_OTHER	Num	8	*\$Explant Reason - Exchange (Other)\$*
548	EXPLANT_NO_NEW_RECOVER	Num	8	*\$Explant Reason - No New Device (Recovery)\$*
549	EXPLANT_NO_NEW_WOS	Num	8	*\$Explant Reason - No New Device (Withdrawal of Support)\$*
550	EXPLANT_NO_NEW_DEV_MAL_ELEC	Num	8	*\$Explant Reason - No New Device (Device Malfunction: Elective)\$*
551	EXPLANT_NO_NEW_DEV_MAL_EMER	Num	8	*\$Explant Reason - No New Device (Device Malfunction: Emergent)\$*

Num	Variable	Type	Len	Label
552	EXPLANT_NO_NEW_DEV_THR_ELEC	Num	8	*\$Explant Reason - No New Device (Device Thrombosis - Elective)\$*
553	EXPLANT_NO_NEW_DEV_THR_EMER	Num	8	*\$Explant Reason - No New Device (Device Thrombosis - Emergent)\$*
554	EXPLANT_NO_NEW_INFECT_ELEC	Num	8	*\$Explant Reason - No New Device (Infection: Elective)\$*
555	EXPLANT_NO_NEW_INFECT_EMER	Num	8	*\$Explant Reason - No New Device (Infection: Emergent)\$*
556	EXPLANT_NO_NEW_OTHER	Num	8	*\$Explant Reason - No New Device (Other)\$*
557	EXPLANT_TRN_OFF_RECOVER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Recovery)\$*
558	EXPLANT_TRN_OFF_WOS	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Withdrawal of Support)\$*
559	EXPLANT_TRN_OFF_DEV_MAL_ELEC	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Device Malfunction: Elective)\$*
560	EXPLANT_TRN_OFF_DEV_MAL_EMER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Device Malfunction: Emergent)\$*
561	EXPLANT_TRN_OFF_DEV_THR_ELEC	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Device Thrombosis - Elective)\$*
562	EXPLANT_TRN_OFF_DEV_THR_EMER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Device Thrombosis - Emergent)\$*
563	EXPLANT_TRN_OFF_INFECT_ELEC	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Infection: Elective)\$*
564	EXPLANT_TRN_OFF_INFECT_EMER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Infection: Emergent)\$*
565	EXPLANT_TRN_OFF_OTHER	Num	8	*\$Explant Reason - Turned Off/Decommissioned (Other)\$*
566	EXPLANT_DEATH_THROM	Char	1	\$Explant Reason - Death: Pump Thrombosis\$
567	EXPLANT_TXPL_THROM	Char	1	\$Explant Reason - Transplant: Pump Thrombosis\$
568	DEAD	Num	8	Dead indicator (1=Dead/0=NotDead) - BDV
569	TXPL	Num	8	Transplant indicator (1=Txpl/0=NoTxpl) - BDV
570	REC	Num	8	Explant for Recovery indicator (1=Rec/0=NoRec) - BDV
571	EXPL	Num	8	Explant indicator (1=Expl/0=NoExpl) - BDV
572	INT_TXPL	Num	8	Interval from implant to transplant (mths)- DV
573	INT_DEAD	Num	8	Interval from implant to death (mths) - DV
574	INT_REC	Num	8	Interval from implant to explant due to recovery (mths) - DV
575	INT_EXPL	Num	8	Interval from implant to explant (mths) - BDV
576	LOS	Num	8	Length of stay from implant to discharge (mths) - BDV
577	MED_PRE_IMP_LOOP_DIURETICS	Char	1	Loop Diuretics
578	MED_PRE_IMP_CRT	Char	1	Cardiac Resynchronization Therapy
579	MED_PRE_IMP_DIURETICTYPE_FUROS	Num	8	*Diuretic Type (Furosemide)*
580	MED_PRE_IMP_DIURETICTYPE_TORSE	Num	8	*Diuretic Type (Torsemide)*
581	MED_PRE_IMP_DIURETICTYPE BUMET	Num	8	*Diuretic Type (Bumetanide)*
582	MED_PRE_IMP_DIURETICTYPE_OTHER	Num	8	*Diuretic Type (Other)*
583	MED_PRE_IMP_LD_DOSE_MG	Num	8	Loop Diuretic Dose (mg)
584	MED_PRE_IMP_LD_DOSE_MG_I	Char	1	Loop Diuretic Dose Incomplete

Num	Variable	Type	Len	Label
585	BUN_I	Char	1	BUN Incomplete
586	CREAT_I	Char	1	Creatinine Incomplete
587	BILI_TOTAL_I	Char	1	Bilirubin Total Incomplete
588	BILI_DIRECT_MG_DL	Num	8	Bilirubin Direct (mg/dL)
589	BILI_DIRECT_UMOL_L	Num	8	Bilirubin Direct (umol/L)
590	BILI_DIRECT_I	Char	10	Bilirubin Direct Incomplete
591	BILI_INDIRECT_MG_DL	Num	8	Bilirubin Indirect (mg/dL)
592	BILI_INDIRECT_UMOL_L	Num	8	Bilirubin Indirect (umol/L)
593	BILI_INDIRECT_I	Char	1	Bilirubin Indirect Incomplete
594	SODIUM_I	Char	1	Sodium Incomplete
595	INR_I	Char	1	INR Incomplete
596	WBC_I	Char	1	White Blood Cell Count Incomplete
597	PLATELET_I	Char	1	Platelets Incomplete
598	SGOT_AST_I	Char	1	Aspartate Aminotransferase/AST Incomplete
599	SGPT_ALT_I	Char	1	Alanine Aminotransferase/ALT Incomplete
600	CHOLESTEROL_I	Char	1	Cholesterol Incomplete
601	CRP_I	Char	1	CRP Incomplete
602	POTASSIUM_I	Char	1	Potassium Incomplete
603	HEMOGLOBIN_I	Char	1	Hemoglobin Incomplete
604	RETICULOCYTE	Num	8	Reticulocyte (%)
605	RETICULOCYTE_I	Char	1	Reticulocyte Incomplete
606	PLASMA_FREE_HEMO_MG_DL	Num	8	Plasma-free Hemoglobin (mg/dL)
607	PLASMA_FREE_HEMO_G_L	Num	8	Plasma-free Hemoglobin (g/L)
608	PLASMA_FREE_HEMO_I	Char	1	Plasma-free Hemoglobin Incomplete
609	HIT	Char	1	HIT
610	THROMBIN_INHIB	Char	1	Thrombin Inhibitors
611	THROMBIN_INHIB_DRUG_ASPIRIN	Num	8	*Thrombin Inhibitors: Drug (Aspirin)*
612	THROMBIN_INHIB_DRUG_DIPYRID	Num	8	*Thrombin Inhibitors: Drug (Dipyridamole)*
613	THROMBIN_INHIB_DRUG_PLAVIX	Num	8	*Thrombin Inhibitors: Drug (Plavix)*
614	THROMBIN_INHIB_DRUG_HEPARIN	Num	8	*Thrombin Inhibitors: Drug (Heparin)*
615	THROMBIN_INHIB_DRUG_COUMAD	Num	8	*Thrombin Inhibitors: Drug (Coumadin)*
616	THROMBIN_INHIB_DRUG_DIRECT	Num	8	*Thrombin Inhibitors: Drug (Direct Thrombin Inhibitors (ex. arg, lip, val...))*
617	LDH_I	Char	1	LDH Incomplete
618	TEG_MAK	Num	8	ThromElastoGraph MA k
619	TEG_MAK_I	Char	1	ThromElastoGraph MA k Incomplete
620	TEG_RK	Num	8	ThromElastoGraph R k
621	TEG_RK_I	Char	1	ThromElastoGraph R k Incomplete
622	TEG_RH	Num	8	ThromElastoGraph R h

Num	Variable	Type	Len	Label
623	TEG_RH_I	Char	1	ThromElastoGraph R h Incomplete
624	PRE_ALBUMIN_I	Char	1	Pre-albumin Incomplete
625	ALBUMIN_I	Char	1	Albumin Incomplete
626	BNP_I	Char	1	Brain Natriuretic Peptide Incomplete
627	PRO_BNP_I	Char	1	Pro Brain Natriuretic Peptide Incomplete
628	TEG_PARENT	Char	1	#TEG Done#
629	HEMO_A1C_PERCENT	Num	8	\$Hemoglobin A1C (%)\$
630	HEMO_A1C_MMOL_MOL	Num	8	\$Hemoglobin A1C (mmol/mol)\$
631	HEMO_EAG_MG_DL	Num	8	\$Estimated Average Glucose (mg/dL)\$
632	HEMO_EAG_MMOL_L	Num	8	\$Estimated Average Glucose (mmol/L)\$
633	HEMO_A1C_I	Char	1	\$Hemoglobin A1C Incomplete\$
634	SYS_BP	Num	8	#Systolic Blood Pressure#
635	SYS_BP_I	Char	1	#Systolic Blood Pressure Incomplete#
636	DIA_BP	Num	8	#Diastolic Blood Pressure#
637	DIA_BP_I	Char	1	#Diastolic Blood Pressure Incomplete#
638	GH_WGT_KG	Num	8	General Hemodynamics Weight (kg)
639	GH_WGT_LBS	Num	8	General Hemodynamics Weight (lbs)
640	MAP	Num	8	#Mean Arterial Blood Pressure#
641	MAP_I	Char	1	#Mean Arterial Blood Pressure Incomplete#
642	GH_WGT_KG_I	Char	1	General Hemodynamics Weight (kg) Incomplete
643	GH_HGT_CM	Num	8	General Hemodynamics Height (cm)
644	GH_HGT_CM_I	Char	1	General Hemodynamics Height (cm) Incomplete
645	GH_HGT_IN	Num	8	General Hemodynamics Height (in)
646	LVEDD_I	Char	1	LVEDD Incomplete
647	LVSF	Num	8	LVSF
648	SYS_AV_REGURG	Num	8	Sys AV Regurgitation
649	RIGHT_AV_REGURG	Num	8	Right AV Regurgitation
650	THROMBUS	Char	1	Thrombus
651	THROMBUS_APPLY_RA	Num	8	*Thrombus Apply (RA - Right Atrium)*
652	THROMBUS_APPLY_RV	Num	8	*Thrombus Apply (RV - Right Ventricle)*
653	THROMBUS_APPLY_LA	Num	8	*Thrombus Apply (LA - Left Atrium)*
654	THROMBUS_APPLY_SVC	Num	8	*Thrombus Apply (SVC - Superior Vena Cava)*
655	THROMBUS_APPLY_IVC	Num	8	*Thrombus Apply (IVC - Inferior Vena Cava)*
656	THROMBUS_APPLY_UNKNOWN	Num	8	*Thrombus Apply (Unknown)*
657	THROMBUS_APPLY_LV	Num	8	*#Thrombus Apply (LV - Left Ventricle)#*
658	CARDIAC_INDEX_I	Char	1	Cardiac Index Incomplete
659	CV_PRES_I	Char	1	Central Venous Pressure Incomplete
660	HR_RATE_I	Char	1	Heart Rate Incomplete
661	PUL_SYS_PRES_I	Char	1	Pulmonary Artery Systolic Pressure Incomplete

Num	Variable	Type	Len	Label
662	PUL_DIA_PRES_I	Char	1	Pulmonary Artery Diastolic Pressure Incomplete
663	RA_PRES_I	Char	1	Mean RA Pressure Incomplete
664	PVR	Num	8	Pulmonary Vascular Resistance (wood units)
665	PVR_I	Char	1	Pulmonary Vascular Resistance Incomplete
666	PUL_WEDGE_PRES_I	Char	1	Pulmonary Artery Wedge Pressure Incomplete
667	CI_FICK_THERM_YN	Char	1	#CI Done via Fick or Thermodilution#
668	CI_FICK	Num	8	*#CI Done via Fick#*
669	CI_THERM	Num	8	*#CI Done via Thermodilution#*
670	GAITSPEED	Num	8	Gait Speed (sec)
671	GAITSPEED_I	Char	1	Gait Speed Incomplete
672	GAITSPEED_FT_SEC	Num	8	Gait Speed (Feet/Sec) - DV
673	GAITSPEED_M_SEC	Num	8	Gait Speed (Meters/Sec) - DV
674	NYHA	Num	8	NYHA Class
675	REHOSPITALIZED	Char	1	Rehospitalized
676	ROSS_CLASS_HR_FAIL	Num	8	Ross Class Heart Failure Patient
677	ROSS_CLASS_II_MLD_TACHY	Num	8	*Ross Class II (Mild Tachypnea with Feeds in Infant)*
678	ROSS_CLASS_II_MLD_DIAPH	Num	8	*Ross Class II (Mild Diaphoresis with Feeds in Infant)*
679	ROSS_CLASS_II_DYSPNEA	Num	8	*Ross Class II (Dyspnea on Exercise in Older Children)*
680	ROSS_CLASS_II_UNKNOWN	Num	8	*Ross Class II (Unknown)*
681	ROSS_CLASS_III_MRK_TACHY	Num	8	*Ross Class III (Marked Tachypnea with Exertion or with Feeding)*
682	ROSS_CLASS_III_MRK_DIAPH	Num	8	*Ross Class III (Marked Diaphoresis with Exertion or with Feeding)*
683	ROSS_CLASS_III_UNKNOWN	Num	8	*Ross Class III (Unknown)*
684	ROSS_CLASS_IV_TACHY	Num	8	*Ross Class IV (Tachypnea)*
685	ROSS_CLASS_IV_RETRACT	Num	8	*Ross Class IV (Retractions)*
686	ROSS_CLASS_IV_GRUNT	Num	8	*Ross Class IV (Grunting)*
687	ROSS_CLASS_IV_DIAPH	Num	8	*Ross Class IV (Diaphoresis)*
688	ROSS_CLASS_IV_UNKNOWN	Num	8	*Ross Class IV (Unknown)*
689	SEDATED	Char	1	Sedated
690	PARALYZED	Char	1	Paralyzed
691	INTUBATED	Char	1	Intubated
692	AMBULATING	Char	1	Ambulating
693	PRIMARY_NUTR	Num	8	Primary Nutrition
694	CONCSURG	Num	8	Concomitant Surgery (1,0)
695	WGT_G	Num	8	Weight(g)
696	VOLUME_2014	Num	8	# implants for site for implant year 2014
697	VOLUME_2015	Num	8	# implants for site for implant year 2015
698	VOLUME_2016	Num	8	# implants for site for implant year 2016



Num	Variable	Type	Len	Label
699	DEV_COUNTER	Num	8	device # in PEDIMACS
700	IMPL_YR	Num	8	Implant Year
701	QRTR	Num	8	Quarter of Implant
702	LV_PULS	Num	8	Pulsatile: 1-pulsatile 0-continuous flow - BDV
703	LV_FLOW	Char	17	Continuous flow or pulsatile - BDV
704	OPER_ID	Num	8	Operation ID
705	INTOP1TO	Num	8	Interval from First Device to this Implant (months) - BDV
706	OP	Num	8	Operation Count - BDV
707	OP1EVTID	Num	8	Patient 1st Device ID
708	OP1DEAD	Num	8	Opr 1: Death indicator (1=Dead/0=NotDead) - BDV
709	OP1TXPL	Num	8	Opr 1: transplant indicator (1=Txpl/0=NoTxpl) -BDV
710	OP1REC	Num	8	Opr 1: Recovery indicator (1=Rec/0=NoRec) - BDV
711	OP1EXPL	Num	8	Opr 1: Explant indicator (1=Expl/0=NoExpl) - BDV
712	OP1COD	Num	8	Opr 1: Primary COD
713	OP1CONT	Num	8	Opr 1: Continous flow device (1=Cont/0=Puls) - BDV
714	OP1DEVTY	Char	6	Opr 1: Device type
715	OP1DEV_TY	Num	8	Opr 1: Device Type
716	OP1EXPDEV	Num	8	Opr 1: Explant Device
717	OP1EXPREA	Num	8	Opr 1: Explant reason
718	OP1INTD	Num	8	Opr 1: interval from implant to death (months)
719	OP1INTT	Num	8	Opr 1: interval from implant to txpl (months)
720	OP1INTR	Num	8	Opr 1: interval from implant to recovery (months)
721	OP1LV_TEMP	Num	8	OP1: Left Ventricular temporary device (1=Yes/0=No)
722	OP1LV_DURABLE	Num	8	OP1: Left Ventricular durable device (1=Yes/0=No)
723	OP1LV_CONT	Num	8	OP1: Left Ventricular continuous flow pump (1=Yes/0=No)
724	OP1LV_PULS	Num	8	OP1: Left Ventricular pulsatile flow pump (1=Yes/0=No)
725	OP1LV_AXIAL	Num	8	OP1: Left Ventricular axial flow pump (1=Yes/0=No)
726	OP1LV_CENTRIFUGAL	Num	8	OP1: Left Ventricular centrifugal flow pump (1=Yes/0=No)
727	OP1LV_PERC	Num	8	OP1: Left Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
728	OP1LV_SURG	Num	8	OP1: Left Ventricular surgical/intracorporeal device (1=Yes/0=No)
729	OP1RV_TEMP	Num	8	OP1: Right Ventricular temporary device (1=Yes/0=No)
730	OP1RV_DURABLE	Num	8	OP1: Right Ventricular durable device (1=Yes/0=No)
731	OP1RV_CONT	Num	8	OP1: Right Ventricular continuous flow pump (1=Yes/0=No)
732	OP1RV_PULS	Num	8	OP1: Right Ventricular pulsatile flow pump (1=Yes/0=No)
733	OP1RV_AXIAL	Num	8	OP1: Right Ventricular axial flow pump (1=Yes/0=No)
734	OP1RV_CENTRIFUGAL	Num	8	OP1: Right Ventricular centrifugal flow pump (1=Yes/0=No)
735	OP1RV_PERC	Num	8	OP1: Right Ventricular percutaneous/paracorporeal device (1=Yes/0=No)

Num	Variable	Type	Len	Label
736	OP1RV_SURG	Num	8	OP1: Right Ventricular surgical/intracorporeal device (1=Yes/0=No)
737	OP2EVTID	Num	8	Patient 2nd Device ID
738	OP2DEAD	Num	8	Opr 2: Death indicator (1=Dead/0=NotDead) - BDV
739	OP2TXPL	Num	8	Opr 2: transplant indicator (1=Txpl/0=NoTxpl) -BDV
740	OP2REC	Num	8	Opr 2: Recovery indicator (1=Rec/0=NoRec) - BDV
741	OP2EXPL	Num	8	Opr 2: Explant indicator (1=Expl/0=NoExpl) - BDV
742	OP2COD	Num	8	Opr 2: Primary COD
743	OP2CONT	Num	8	Opr 2: Continous flow device (1=Cont/0=Puls) - BDV
744	OP2DEVTY	Char	6	Opr 2: Device type
745	OP2DEV_TY	Num	8	Opr 2: Device Type
746	OP2EXPREA	Num	8	Opr 2: Explant reason
747	OP2EXPDEV	Num	8	Opr 2: Explant Device
748	OP2INTD	Num	8	Opr 2: interval from implant to death (months)
749	OP2INTT	Num	8	Opr 2: interval from implant to txpl (months)
750	OP2INTR	Num	8	Opr 2: interval from implant to recovery (months)
751	OP2LV_TEMP	Num	8	OP2: Left Ventricular temporary device (1=Yes/0=No)
752	OP2LV_DURABLE	Num	8	OP2: Left Ventricular durable device (1=Yes/0=No)
753	OP2LV_CONT	Num	8	OP2: Left Ventricular continuous flow pump (1=Yes/0=No)
754	OP2LV_PULS	Num	8	OP2: Left Ventricular pulsatile flow pump (1=Yes/0=No)
755	OP2LV_AXIAL	Num	8	OP2: Left Ventricular axial flow pump (1=Yes/0=No)
756	OP2LV_CENTRIFUGAL	Num	8	OP2: Left Ventricular centrifugal flow pump (1=Yes/0=No)
757	OP2LV_PERC	Num	8	OP2: Left Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
758	OP2LV_SURG	Num	8	OP2: Left Ventricular surgical/intracorporeal device (1=Yes/0=No)
759	OP2RV_TEMP	Num	8	OP2: Right Ventricular temporary device (1=Yes/0=No)
760	OP2RV_DURABLE	Num	8	OP2: Right Ventricular durable device (1=Yes/0=No)
761	OP2RV_CONT	Num	8	OP2: Right Ventricular continuous flow pump (1=Yes/0=No)
762	OP2RV_PULS	Num	8	OP2: Right Ventricular pulsatile flow pump (1=Yes/0=No)
763	OP2RV_AXIAL	Num	8	OP2: Right Ventricular axial flow pump (1=Yes/0=No)
764	OP2RV_CENTRIFUGAL	Num	8	OP2: Right Ventricular centrifugal flow pump (1=Yes/0=No)
765	OP2RV_PERC	Num	8	OP2: Right Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
766	OP2RV_SURG	Num	8	OP2: Right Ventricular surgical/intracorporeal device (1=Yes/0=No)
767	OP3EVTID	Num	8	Patient 3rd Device ID
768	OP3DEAD	Num	8	Opr 3: Death indicator (1=Dead/0=NotDead) - BDV
769	OP3TXPL	Num	8	Opr 3: transplant indicator (1=Txpl/0=NoTxpl) -BDV
770	OP3REC	Num	8	Opr 3: Recovery indicator (1=Rec/0=NoRec) - BDV

Num	Variable	Type	Len	Label
771	OP3EXPL	Num	8	Opr 3: Explant indicator (1=Expl/0=NoExpl) - BDV
772	OP3COD	Num	8	Opr 3: Primary COD
773	OP3DEV_TY	Num	8	Opr 3: Device Type
774	OP3CONT	Num	8	Opr 3: Continous flow device (1=Cont/0=Puls) - BDV
775	OP3DEVTY	Char	6	Opr 3: Device type
776	OP3EXPDEV	Num	8	Opr 3: Explant Device
777	OP3EXPREA	Num	8	Opr 3: Explant reason
778	OP3INTD	Num	8	Opr 3: interval from implant to death (months)
779	OP3INTT	Num	8	Opr 3: interval from implant to txpl (months)
780	OP3INTR	Num	8	Opr 3: interval from implant to recovery (months)
781	OP3LV_TEMP	Num	8	OP3: Left Ventricular temporary device (1=Yes/0=No)
782	OP3LV_DURABLE	Num	8	OP3: Left Ventricular durable device (1=Yes/0=No)
783	OP3LV_CONT	Num	8	OP3: Left Ventricular continuous flow pump (1=Yes/0=No)
784	OP3LV_PULS	Num	8	OP3: Left Ventricular pulsatile flow pump (1=Yes/0=No)
785	OP3LV_AXIAL	Num	8	OP3: Left Ventricular axial flow pump (1=Yes/0=No)
786	OP3LV_CENTRIFUGAL	Num	8	OP3: Left Ventricular centrifugal flow pump (1=Yes/0=No)
787	OP3LV_PERC	Num	8	OP3: Left Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
788	OP3LV_SURG	Num	8	OP3: Left Ventricular surgical/intracorporeal device (1=Yes/0=No)
789	OP3RV_TEMP	Num	8	OP3: Right Ventricular temporary device (1=Yes/0=No)
790	OP3RV_DURABLE	Num	8	OP3: Right Ventricular durable device (1=Yes/0=No)
791	OP3RV_CONT	Num	8	OP3: Right Ventricular continuous flow pump (1=Yes/0=No)
792	OP3RV_PULS	Num	8	OP3: Right Ventricular pulsatile flow pump (1=Yes/0=No)
793	OP3RV_AXIAL	Num	8	OP3: Right Ventricular axial flow pump (1=Yes/0=No)
794	OP3RV_CENTRIFUGAL	Num	8	OP3: Right Ventricular centrifugal flow pump (1=Yes/0=No)
795	OP3RV_PERC	Num	8	OP3: Right Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
796	OP3RV_SURG	Num	8	OP3: Right Ventricular surgical/intracorporeal device (1=Yes/0=No)
797	OP4EVTID	Num	8	Patient 4th Device ID
798	OP4DEAD	Num	8	Opr 4: Death indicator (1=Dead/0=NotDead) - BDV
799	OP4TXPL	Num	8	Opr 4: transplant indicator (1=Txpl/0=NoTxpl) -BDV
800	OP4REC	Num	8	Opr 4: Recovery indicator (1=Rec/0=NoRec) - BDV
801	OP4EXPL	Num	8	Opr 4: Explant indicator (1=Expl/0=NoExpl) - BDV
802	OP4COD	Num	8	Opr 4: Primary COD
803	OP4DEV_TY	Num	8	Opr 4: Device Type
804	OP4CONT	Num	8	Opr 4: Continous flow device (1=Cont/0=Puls) - BDV
805	OP4DEVTY	Char	6	Opr 4: Device type
806	OP4EXPDEV	Num	8	Opr 4: Explant Device

Num	Variable	Type	Len	Label
807	OP4EXPREA	Num	8	Opr 4: Explant reason
808	OP4INTD	Num	8	Opr 4: interval from implant to death (months)
809	OP4INTT	Num	8	Opr 4: interval from implant to txpl (months)
810	OP4INTR	Num	8	Opr 4: interval from implant to recovery (months)
811	OP4LV_TEMP	Num	8	OP4: Left Ventricular temporary device (1=Yes/0=No)
812	OP4LV_DURABLE	Num	8	OP4: Left Ventricular durable device (1=Yes/0=No)
813	OP4LV_CONT	Num	8	OP4: Left Ventricular continuous flow pump (1=Yes/0=No)
814	OP4LV_PULS	Num	8	OP4: Left Ventricular pulsatile flow pump (1=Yes/0=No)
815	OP4LV_AXIAL	Num	8	OP4: Left Ventricular axial flow pump (1=Yes/0=No)
816	OP4LV_CENTRIFUGAL	Num	8	OP4: Left Ventricular centrifugal flow pump (1=Yes/0=No)
817	OP4LV_PERC	Num	8	OP4: Left Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
818	OP4LV_SURG	Num	8	OP4: Left Ventricular surgical/intracorporeal device (1=Yes/0=No)
819	OP4RV_TEMP	Num	8	OP4: Right Ventricular temporary device (1=Yes/0=No)
820	OP4RV_DURABLE	Num	8	OP4: Right Ventricular durable device (1=Yes/0=No)
821	OP4RV_CONT	Num	8	OP4: Right Ventricular continuous flow pump (1=Yes/0=No)
822	OP4RV_PULS	Num	8	OP4: Right Ventricular pulsatile flow pump (1=Yes/0=No)
823	OP4RV_AXIAL	Num	8	OP4: Right Ventricular axial flow pump (1=Yes/0=No)
824	OP4RV_CENTRIFUGAL	Num	8	OP4: Right Ventricular centrifugal flow pump (1=Yes/0=No)
825	OP4RV_PERC	Num	8	OP4: Right Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
826	OP4RV_SURG	Num	8	OP4: Right Ventricular surgical/intracorporeal device (1=Yes/0=No)
827	OP5EVTID	Num	8	Patient 5th Device ID
828	OP5DEAD	Num	8	Opr 5: Death indicator (1=Dead/0=NotDead) - BDV
829	OP5TXPL	Num	8	Opr 5: transplant indicator (1=Txpl/0=NoTxpl) -BDV
830	OP5REC	Num	8	Opr 5: Recovery indicator (1=Rec/0=NoRec) - BDV
831	OP5EXPL	Num	8	Opr 5: Explant indicator (1=Expl/0=NoExpl) - BDV
832	OP5COD	Num	8	Opr 5: Primary COD
833	OP5DEV_TY	Num	8	Opr 5: Device Type
834	OP5CONT	Num	8	Opr 5: Continous flow device (1=Cont/0=Puls) - BDV
835	OP5DEVTY	Char	6	Opr 5: Device type
836	OP5EXPDEV	Num	8	Opr 5: Explant Device
837	OP5EXPREA	Num	8	Opr 5: Explant reason
838	OP5INTD	Num	8	Opr 5: interval from implant to death (months)
839	OP5INTT	Num	8	Opr 5: interval from implant to txpl (months)
840	OP5INTR	Num	8	Opr 5: interval from implant to recovery (months)
841	OP5LV_TEMP	Num	8	OP5: Left Ventricular temporary device (1=Yes/0=No)
842	OP5LV_DURABLE	Num	8	OP5: Left Ventricular durable device (1=Yes/0=No)

Num	Variable	Type	Len	Label
843	OP5LV_CONT	Num	8	OP5: Left Ventricular continuous flow pump (1=Yes/0=No)
844	OP5LV_PULS	Num	8	OP5: Left Ventricular pulsatile flow pump (1=Yes/0=No)
845	OP5LV_AXIAL	Num	8	OP5: Left Ventricular axial flow pump (1=Yes/0=No)
846	OP5LV_CENTRIFUGAL	Num	8	OP5: Left Ventricular centrifugal flow pump (1=Yes/0=No)
847	OP5LV_PERC	Num	8	OP5: Left Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
848	OP5LV_SURG	Num	8	OP5: Left Ventricular surgical/intracorporeal device (1=Yes/0=No)
849	OP5RV_TEMP	Num	8	OP5: Right Ventricular temporary device (1=Yes/0=No)
850	OP5RV_DURABLE	Num	8	OP5: Right Ventricular durable device (1=Yes/0=No)
851	OP5RV_CONT	Num	8	OP5: Right Ventricular continuous flow pump (1=Yes/0=No)
852	OP5RV_PULS	Num	8	OP5: Right Ventricular pulsatile flow pump (1=Yes/0=No)
853	OP5RV_AXIAL	Num	8	OP5: Right Ventricular axial flow pump (1=Yes/0=No)
854	OP5RV_CENTRIFUGAL	Num	8	OP5: Right Ventricular centrifugal flow pump (1=Yes/0=No)
855	OP5RV_PERC	Num	8	OP5: Right Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
856	OP5RV_SURG	Num	8	OP5: Right Ventricular surgical/intracorporeal device (1=Yes/0=No)
857	OP6EVTID	Num	8	Patient 6th Device ID
858	OP6DEAD	Num	8	Opr 6: Death indicator (1=Dead/0=NotDead) - BDV
859	OP6TXPL	Num	8	Opr 6: transplant indicator (1=Txpl/0=NoTxpl) -BDV
860	OP6REC	Num	8	Opr 6: Recovery indicator (1=Rec/0=NoRec) - BDV
861	OP6EXPL	Num	8	Opr 6: Explant indicator (1=Expl/0=NoExpl) - BDV
862	OP6COD	Num	8	Opr 6: Primary COD
863	OP6DEV_TY	Num	8	Opr 6: Device Type
864	OP6CONT	Num	8	Opr 6: Continous flow device (1=Cont/0=Puls) - BDV
865	OP6DEVTY	Char	6	Opr 6: Device type
866	OP6EXPDEV	Num	8	Opr 6: Explant Device
867	OP6EXPREA	Num	8	Opr 6: Explant reason
868	OP6INTD	Num	8	Opr 6: interval from implant to death (months)
869	OP6INTT	Num	8	Opr 6: interval from implant to txpl (months)
870	OP6INTR	Num	8	Opr 6: interval from implant to recovery (months)
871	OP6LV_TEMP	Num	8	OP6: Left Ventricular temporary device (1=Yes/0=No)
872	OP6LV_DURABLE	Num	8	OP6: Left Ventricular durable device (1=Yes/0=No)
873	OP6LV_CONT	Num	8	OP6: Left Ventricular continuous flow pump (1=Yes/0=No)
874	OP6LV_PULS	Num	8	OP6: Left Ventricular pulsatile flow pump (1=Yes/0=No)
875	OP6LV_AXIAL	Num	8	OP6: Left Ventricular axial flow pump (1=Yes/0=No)
876	OP6LV_CENTRIFUGAL	Num	8	OP6: Left Ventricular centrifugal flow pump (1=Yes/0=No)
877	OP6LV_PERC	Num	8	OP6: Left Ventricular percutaneous/paracorporeal device (1=Yes/0=No)

Num	Variable	Type	Len	Label
878	OP6LV_SURG	Num	8	OP6: Left Ventricular surgical/intracorporeal device (1=Yes/0=No)
879	OP6RV_TEMP	Num	8	OP6: Right Ventricular temporary device (1=Yes/0=No)
880	OP6RV_DURABLE	Num	8	OP6: Right Ventricular durable device (1=Yes/0=No)
881	OP6RV_CONT	Num	8	OP6: Right Ventricular continuous flow pump (1=Yes/0=No)
882	OP6RV_PULS	Num	8	OP6: Right Ventricular pulsatile flow pump (1=Yes/0=No)
883	OP6RV_AXIAL	Num	8	OP6: Right Ventricular axial flow pump (1=Yes/0=No)
884	OP6RV_CENTRIFUGAL	Num	8	OP6: Right Ventricular centrifugal flow pump (1=Yes/0=No)
885	OP6RV_PERC	Num	8	OP6: Right Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
886	OP6RV_SURG	Num	8	OP6: Right Ventricular surgical/intracorporeal device (1=Yes/0=No)
887	OP7EVTID	Num	8	Patient 7th Device ID
888	OP7DEAD	Num	8	Opr 7: Death indicator (1=Dead/0=NotDead) - BDV
889	OP7TXPL	Num	8	Opr 7: transplant indicator (1=Txpl/0=NoTxpl) -BDV
890	OP7REC	Num	8	Opr 7: Recovery indicator (1=Rec/0=NoRec) - BDV
891	OP7EXPL	Num	8	Opr 7: Explant indicator (1=Expl/0=NoExpl) - BDV
892	OP7COD	Num	8	Opr 7: Primary COD
893	OP7DEV_TY	Num	8	Opr 7: Device Type
894	OP7CONT	Num	8	Opr 7: Continous flow device (1=Cont/0=Puls) - BDV
895	OP7DEVTY	Char	6	Opr 7: Device type
896	OP7EXPDEV	Num	8	Opr 7: Explant Device
897	OP7EXPREA	Num	8	Opr 7: Explant reason
898	OP7INTD	Num	8	Opr 7: interval from implant to death (months)
899	OP7INTT	Num	8	Opr 7: interval from implant to txpl (months)
900	OP7INTR	Num	8	Opr 7: interval from implant to recovery (months)
901	OP7LV_TEMP	Num	8	OP7: Left Ventricular temporary device (1=Yes/0=No)
902	OP7LV_DURABLE	Num	8	OP7: Left Ventricular durable device (1=Yes/0=No)
903	OP7LV_CONT	Num	8	OP7: Left Ventricular continuous flow pump (1=Yes/0=No)
904	OP7LV_PULS	Num	8	OP7: Left Ventricular pulsatile flow pump (1=Yes/0=No)
905	OP7LV_AXIAL	Num	8	OP7: Left Ventricular axial flow pump (1=Yes/0=No)
906	OP7LV_CENTRIFUGAL	Num	8	OP7: Left Ventricular centrifugal flow pump (1=Yes/0=No)
907	OP7LV_PERC	Num	8	OP7: Left Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
908	OP7LV_SURG	Num	8	OP7: Left Ventricular surgical/intracorporeal device (1=Yes/0=No)
909	OP7RV_TEMP	Num	8	OP7: Right Ventricular temporary device (1=Yes/0=No)
910	OP7RV_DURABLE	Num	8	OP7: Right Ventricular durable device (1=Yes/0=No)
911	OP7RV_CONT	Num	8	OP7: Right Ventricular continuous flow pump (1=Yes/0=No)
912	OP7RV_PULS	Num	8	OP7: Right Ventricular pulsatile flow pump (1=Yes/0=No)

Num	Variable	Type	Len	Label
913	OP7RV_AXIAL	Num	8	OP7: Right Ventricular axial flow pump (1=Yes/0=No)
914	OP7RV_CENTRIFUGAL	Num	8	OP7: Right Ventricular centrifugal flow pump (1=Yes/0=No)
915	OP7RV_PERC	Num	8	OP7: Right Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
916	OP7RV_SURG	Num	8	OP7: Right Ventricular surgical/intracorporeal device (1=Yes/0=No)
917	OP8EVTID	Num	8	Patient 8th Device ID
918	OP8DEAD	Num	8	Opr 8: Death indicator (1=Dead/0=NotDead) - BDV
919	OP8TXPL	Num	8	Opr 8: transplant indicator (1=Txpl/0=NoTxpl) -BDV
920	OP8REC	Num	8	Opr 8: Recovery indicator (1=Rec/0=NoRec) - BDV
921	OP8EXPL	Num	8	Opr 8: Explant indicator (1=Expl/0=NoExpl) - BDV
922	OP8COD	Num	8	Opr 8: Primary COD
923	OP8DEV_TY	Num	8	Opr 8: Device Type
924	OP8CONT	Num	8	Opr 8: Continous flow device (1=Cont/0=Puls) - BDV
925	OP8DEVTY	Char	6	Opr 8: Device type
926	OP8EXPDEV	Num	8	Opr 8: Explant Device
927	OP8EXPREA	Num	8	Opr 8: Explant reason
928	OP8INTD	Num	8	Opr 8: interval from implant to death (months)
929	OP8INTT	Num	8	Opr 8: interval from implant to txpl (months)
930	OP8INTR	Num	8	Opr 8: interval from implant to recovery (months)
931	OP8LV_TEMP	Num	8	OP8: Left Ventricular temporary device (1=Yes/0=No)
932	OP8LV_DURABLE	Num	8	OP8: Left Ventricular durable device (1=Yes/0=No)
933	OP8LV_CONT	Num	8	OP8: Left Ventricular continuous flow pump (1=Yes/0=No)
934	OP8LV_PULS	Num	8	OP8: Left Ventricular pulsatile flow pump (1=Yes/0=No)
935	OP8LV_AXIAL	Num	8	OP8: Left Ventricular axial flow pump (1=Yes/0=No)
936	OP8LV_CENTRIFUGAL	Num	8	OP8: Left Ventricular centrifugal flow pump (1=Yes/0=No)
937	OP8LV_PERC	Num	8	OP8: Left Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
938	OP8LV_SURG	Num	8	OP8: Left Ventricular surgical/intracorporeal device (1=Yes/0=No)
939	OP8RV_TEMP	Num	8	OP8: Right Ventricular temporary device (1=Yes/0=No)
940	OP8RV_DURABLE	Num	8	OP8: Right Ventricular durable device (1=Yes/0=No)
941	OP8RV_CONT	Num	8	OP8: Right Ventricular continuous flow pump (1=Yes/0=No)
942	OP8RV_PULS	Num	8	OP8: Right Ventricular pulsatile flow pump (1=Yes/0=No)
943	OP8RV_AXIAL	Num	8	OP8: Right Ventricular axial flow pump (1=Yes/0=No)
944	OP8RV_CENTRIFUGAL	Num	8	OP8: Right Ventricular centrifugal flow pump (1=Yes/0=No)
945	OP8RV_PERC	Num	8	OP8: Right Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
946	OP8RV_SURG	Num	8	OP8: Right Ventricular surgical/intracorporeal device (1=Yes/0=No)
947	OP9EVTID	Num	8	Patient 9th Device ID

Num	Variable	Type	Len	Label
948	OP9DEAD	Num	8	Opr 9: Death indicator (1=Dead/0=NotDead) - BDV
949	OP9TXPL	Num	8	Opr 9: transplant indicator (1=Txpl/0=NoTxpl) -BDV
950	OP9REC	Num	8	Opr 9: Recovery indicator (1=Rec/0=NoRec) - BDV
951	OP9EXPL	Num	8	Opr 9: Explant indicator (1=Expl/0=NoExpl) - BDV
952	OP9COD	Num	8	Opr 9: Primary COD
953	OP9DEV_TY	Num	8	Opr 9: Device Type
954	OP9CONT	Num	8	Opr 9: Continous flow device (1=Cont/0=Puls) - BDV
955	OP9DEVTY	Char	6	Opr 9: Device type
956	OP9EXPDEV	Num	8	Opr 9: Explant Device
957	OP9EXPREA	Num	8	Opr 9: Explant reason
958	OP9INTD	Num	8	Opr 9: interval from implant to death (months)
959	OP9INTT	Num	8	Opr 9: interval from implant to txpl (months)
960	OP9INTR	Num	8	Opr 9: interval from implant to recovery (months)
961	OP9LV_TEMP	Num	8	OP9: Left Ventricular temporary device (1=Yes/0=No)
962	OP9LV_DURABLE	Num	8	OP9: Left Ventricular durable device (1=Yes/0=No)
963	OP9LV_CONT	Num	8	OP9: Left Ventricular continuous flow pump (1=Yes/0=No)
964	OP9LV_PULS	Num	8	OP9: Left Ventricular pulsatile flow pump (1=Yes/0=No)
965	OP9LV_AXIAL	Num	8	OP9: Left Ventricular axial flow pump (1=Yes/0=No)
966	OP9LV_CENTRIFUGAL	Num	8	OP9: Left Ventricular centrifugal flow pump (1=Yes/0=No)
967	OP9LV_PERC	Num	8	OP9: Left Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
968	OP9LV_SURG	Num	8	OP9: Left Ventricular surgical/intracorporeal device (1=Yes/0=No)
969	OP9RV_TEMP	Num	8	OP9: Right Ventricular temporary device (1=Yes/0=No)
970	OP9RV_DURABLE	Num	8	OP9: Right Ventricular durable device (1=Yes/0=No)
971	OP9RV_CONT	Num	8	OP9: Right Ventricular continuous flow pump (1=Yes/0=No)
972	OP9RV_PULS	Num	8	OP9: Right Ventricular pulsatile flow pump (1=Yes/0=No)
973	OP9RV_AXIAL	Num	8	OP9: Right Ventricular axial flow pump (1=Yes/0=No)
974	OP9RV_CENTRIFUGAL	Num	8	OP9: Right Ventricular centrifugal flow pump (1=Yes/0=No)
975	OP9RV_PERC	Num	8	OP9: Right Ventricular percutaneous/paracorporeal device (1=Yes/0=No)
976	OP9RV_SURG	Num	8	OP9: Right Ventricular surgical/intracorporeal device (1=Yes/0=No)
977	OP1EXDEVT	Char	6	Opr 1: Explant Device Type
978	OP2EXDEVT	Char	6	Opr 2: Explant Device Type
979	OP3EXDEVT	Char	6	Opr 3: Explant Device Type
980	OP4EXDEVT	Char	6	Opr 4: Explant Device Type
981	OP5EXDEVT	Char	6	Opr 5: Explant Device Type
982	OP6EXDEVT	Char	6	Opr 6: Explant Device Type
983	OP7EXDEVT	Char	6	Opr 7: Explant Device Type



Num	Variable	Type	Len	Label
984	OP8EXDEVT	Char	6	Opr 8: Explant Device Type
985	OP9EXDEVT	Char	6	Opr 9: Explant Device Type
986	INT_RISK	Num	8	Risk Interval - (fupdate-implant date) - in Months - DV
987	DEAD_PT	Num	8	Death Status for Patient (1=Dead/0=NotDead) - BDV
988	TXPL_PT	Num	8	Transplant Status for Patient (1=Txpl/0=NoTxpl)- BDV
989	TREC_PT	Num	8	Total Recovery Status for Patient (1=Rec/0=NoRec) - BDV
990	INT_DPT	Num	8	Death Interval for Patient - DV
991	INT_TPT	Num	8	Transplant Interval for Patient - DV
992	INT_TRPT	Num	8	Total Recovery Interval for Patient - DV
993	OP1LV_2RV	Num	8	LVAD 1st Operation with Subsequent RVAD Implant (1=Yes/0=No) - BDV
994	OP1_2INT	Num	8	Interval Between Isolated LVAD 1st Operation Implant to Subsequent RVAD Implant (mths) -BDV
995	AGE_GRP	Char	8	Age Group
996	AGE_DEIDENT	Num	8	Age at Implant (Rounded to Nearest Integer) - BDV
997	AGE_DEIDENT_LT1	Num	8	Age at Implant De-Identified < 1yr (1,0) - BDV
998	PEDS_PUBLIC_ID	Char	17	Public PediMACS patient ID