

*Data Set Name: a\_base.sas7bdat*

Num	Variable	Type	Len	Label
1	PATNUMB	Char	9	Patient Number
2	TREATMENT	Num	8	Randomized treatment
3	AGE	Num	8	Patient age
4	SEX	Num	8	Patient gender
5	RACE	Num	8	Race of patient
6	ETHNIC	Num	8	Ethnicity of patient
7	YIHF	Num	8	Years since initial diagnosis of heart failure
8	VLVEF	Num	8	Value of last LVEF
9	CREATPR_N	Num	8	Pre-randomization nadir creatinine (mg/dL)
10	CREATPR_Q	Num	8	Pre-randomization qualifying creatinine (mg/dL)
11	NADIR_LOC	Num	8	Pre-randomization nadir creatinine draw location
12	NADIR_DT	Num	8	Pre-randomization nadir creatinine draw date
13	QUALIF_LOC	Num	8	Pre-randomization qualifying creatinine draw location
14	QUALIF_DT	Num	8	Pre-randomization qualifying creatinine draw date

**Data Set Name: a\_endpts.sas7bdat**

Num	Variable	Type	Len	Label
1	PATNUMB	Char	9	Patient Number
2	WTC24HR	Num	8	Weight change at 24 hours (lbs)
3	WTC48HR	Num	8	Weight change at 48 hours (lbs)
4	WTC48HR_LOCF	Num	8	Weight change at 48 hours (LOCF) (lbs)
5	WTC72HR	Num	8	Weight change at 72 hours (lbs)
6	WTC72HR_LOCF	Num	8	Weight change at 72 hours (LOCF) (lbs)
7	WTC96HR	Num	8	Weight change at 96 hours (lbs)
8	WTC96HR_LOCF	Num	8	Weight change at 96 hours (LOCF) (lbs)
9	WTC5D_I	Num	8	Weight change at 5 days (lbs) (including Discharge Day 5)
10	WTC6D_I	Num	8	Weight change at 6 days (lbs) (including Discharge Day 6)
11	WTC7D_I2	Num	8	Weight change at 7 days/ discharge post-Day 6 (lbs)
12	WTC7D_LOCF	Num	8	Weight change at 7 days/ discharge (LOCF) (lbs)
13	WTC30D	Num	8	Weight change at 30 days (lbs)
14	WTC60D	Num	8	Weight change at 60 days (lbs)
15	WTC96_SIGN	Num	8	Indicator for significant weight loss (loss of 6.61 lbs or more) at Day 4 (LOCF)
16	WTC7D_SIGN	Num	8	Indicator for significant weight loss (loss of 6.61 lbs or more) at Day 7/discharge (LOCF)
17	WT_LLCR_IMP96	Num	8	Significant weight loss and renal improvement (local lab) at Day 4 (LOCF)
18	WT_LLCR_IMP7D	Num	8	Significant weight loss and renal improvement (local lab) at Day 7/discharge (LOCF)
19	WT_CLCR_IMP96	Num	8	Significant weight loss and renal improvement (core lab) at Day 4
20	WT_CLCR_IMP7D	Num	8	Significant weight loss and renal improvement (core lab) at Day 7/discharge (LOCF)
21	LL_CREAT_BL24	Num	8	Change in Local Lab Serum Creatinine from Baseline to Day 1 (mg/dL)
22	LL_CREAT_BL48_LOCF	Num	8	Change in Local Lab Serum Creatinine from Baseline to Day 2 - LOCF
23	LL_CREAT_BL72_LOCF	Num	8	Change in Local Lab Serum Creatinine from Baseline to Day 3 - LOCF
24	LL_CREAT_BL96_LOCF	Num	8	Change in Local Lab Serum Creatinine from Baseline to Day 4 - LOCF
25	LL_CREAT_BL7D_LOCF	Num	8	Change in Local Lab Serum Creatinine from Baseline to Day 7/discharge - LOCF
26	LL_CREAT_BL30D	Num	8	Change in Local Lab Serum Creatinine from Baseline to Day 30 (mg/dL)
27	LL_CREAT_BL60D	Num	8	Change in Local Lab Serum Creatinine from Baseline to Day 60 (mg/dL)
28	LL_CREAT_BL96_SIGN	Num	8	Indicator for significant Local Lab creatinine decrease (reduction of 0.3 mg/dL or more) at Day 4 (LOCF)
29	LL_CREAT_BL7D_SIGN	Num	8	Indicator for significant Local Lab creatinine decrease (reduction of 0.3 mg/dL or more) at Day 7/discharge (LOCF)
30	LL_GFR_BL96_LOCF	Num	8	Change in Local Lab GFR from Baseline to 96 hours (LOCF)
31	LL_GFR_BL7D_LOCF	Num	8	Change in Local Lab GFR from Baseline to Day 7/discharge (LOCF)
32	LL_GFR_BL30D	Num	8	Change in Local Lab GFR from Baseline to Day 30
33	LL_GFR_BL60D	Num	8	Change in Local Lab GFR from Baseline to Day 60
34	CL_CREAT_BL96	Num	8	Change in Core Lab creatinine from baseline to 96 hour (mg/dL)

Num	Variable	Type	Len	Label
35	CL_CREAT_BL7D_LOCF	Num	8	Change in Core Lab creatinine from baseline to Day 7 (mg/dL) - LOCF
36	CL_CREAT_BL60D	Num	8	Change in Core Lab creatinine from baseline to Day 60 (mg/dL)
37	CL_CREAT_BL96_SIGN	Num	8	Indicator for significant Core Lab creatinine decrease (reduction of 0.3 mg/dL or more) at Day 4
38	CL_CREAT_BL7D_SIGN	Num	8	Indicator for significant Core Lab creatinine decrease (reduction of 0.3 mg/dL or more) at Day 7/discharge (LOCF)
39	CL_GFRBL96	Num	8	Change in core lab GFR from baseline to 96 hours
40	CL_GFRBL7D_LOCF	Num	8	Change in core lab GFR from baseline to Day 7 (LOCF)
41	CL_GFRBL60D	Num	8	Change in core lab GFR from baseline to Day 60
42	LL_SOD_BL96_LOCF	Num	8	Change in Local Lab Sodium from Baseline to Day 4 - LOCF (mEq/L)
43	LL_POT_BL96_LOCF	Num	8	Change in Local Lab Potassium from Baseline to Day 4 - LOCF (mEq/L)
44	LL_BUN_BL96_LOCF	Num	8	Change in Local Lab BUN / Urea level from Baseline to Day 4 - LOCF (mg/dL)
45	LL_BCAR_BL96_LOCF	Num	8	Change in Local Lab Bicarbonate from Baseline to Day 4 - LOCF (mEq/L)
46	LL_SOD_BL7D_LOCF	Num	8	Change in Local Lab Sodium from Baseline to Day 7 - LOCF (mEq/L)
47	LL_POT_BL7D_LOCF	Num	8	Change in Local Lab Potassium from Baseline to Day 7 - LOCF (mEq/L)
48	LL_BUN_BL7D_LOCF	Num	8	Change in Local Lab BUN / Urea level from Baseline to Day 7 - LOCF (mg/dL)
49	LL_BCAR_BL7D_LOCF	Num	8	Change in Local Lab Bicarbonate from Baseline to Day 7 - LOCF (mEq/L)
50	CL_CYSTC_BL96	Num	8	Change in Core Lab Cystatin C from baseline to 96 hour (mg/L)
51	CL_URIC_BL96	Num	8	Change in Core lab uric acid from baseline to 96 hour (mg/dL)
52	CL_NTPRO_BL96	Num	8	Change in Core Lab NT pro BNP from baseline to 96 hour (pg/mL)
53	CL_PRENIN_BL96	Num	8	Change in Core Lab plasma renin activity from baseline to 96 hour (ng/mL/hr)
54	CL_TROPI_BL96	Num	8	Change in Core Lab high sensitivity troponin I from baseline to 96 hour (pg/mL)
55	CL_ALDOST_BL96	Num	8	Change in Core Lab aldosterone from baseline to 96 hour (pg/mL)
56	CL_PIIINP_BL96	Num	8	Change in Core Lab pro-collagen III NTP from baseline to 96 hour (ug/L)
57	CL_ET1_BL96	Num	8	Change in Core Lab endothelin-1 from baseline to 96 hour (pg/mL)
58	CL_CRP_BL96	Num	8	Change in Core Lab high sensitivity C-reactive protein from baseline to 96 hour (mg/L)
59	CL_CITP_BL96	Num	8	Change in Core Lab Corboxy-Terminal Telopeptide of Collagen Type I from baseline to 96 hour (ug/L)
60	CL_CYSTC_BL7D_LOCF	Num	8	Change in Core Lab cystatin C from baseline to Day 7 (mg/L) - LOCF
61	CL_URIC_BL7D_LOCF	Num	8	Change in Core Lab uric acid from baseline to Day 7 (mg/dL) - LOCF
62	CL_NTPRO_BL7D_LOCF	Num	8	Change in Core Lab NT pro BNP from baseline to Day 7 (pg/mL) - LOCF
63	CL_PRENIN_BL7D_LOCF	Num	8	Change in Core Lab plasma renin activity from baseline to Day 7 (ng/mL/hr) - LOCF
64	CL_TROPI_BL7D_LOCF	Num	8	Change in Core Lab high sensitivity troponin I from baseline to Day 7 (pg/mL) - LOCF
65	CL_ALDOST_BL7D_LOCF	Num	8	Change in Core Lab aldosterone from baseline to Day 7 (pg/mL) - LOCF
66	CL_PIIINP_BL7D_LOCF	Num	8	Change in Core Lab pro-collagen III NTP value from baseline to Day 7 (ug/L) - LOCF
67	CL_ET1_BL7D_LOCF	Num	8	Change in Core Lab endothelin-1 from baseline to Day 7 (pg/mL) - LOCF
68	CL_CRP_BL7D_LOCF	Num	8	Change in Core Lab high sensitivity C-reactive protein from baseline to Day 7 (mg/L) - LOCF
69	CL_CITP_BL7D_LOCF	Num	8	Change in Core Lab Corboxy-Terminal Telopeptide of Collagen Type I from baseline to Day 7 (ug/L) - LOCF

Num	Variable	Type	Len	Label
70	CL_CYSTC_BL60D	Num	8	Change in Core Lab cystatin C from baseline to Day 60 (mg/L)
71	CL_URIC_BL60D	Num	8	Change in Core Lab uric acid from baseline to Day 60 (mg/dL)
72	CL_NTPRO_BL60D	Num	8	Change in Core Lab NT pro BNP from baseline to Day 60 (pg/mL)
73	CL_PRENIN_BL60D	Num	8	Change in Core Lab plasma renin activity from baseline to Day 60 (ng/mL/hr)
74	CL_TROPI_BL60D	Num	8	Change in Core Lab high sensitivity troponin I from baseline to Day 60 (pg/mL)
75	CL_ALDOST_BL60D	Num	8	Change in Core Lab aldosterone from baseline to Day 60 (pg/mL)
76	CL_PIIINP_BL60D	Num	8	Change in Core Lab pro-collagen III NTP from baseline to Day 60 (ug/L)
77	CL_ET1_BL60D	Num	8	Change in Core Lab endothelin-1 from baseline to Day 60 (pg/mL)
78	CL_CRP_BL60D	Num	8	Change in Core Lab high sensitivity C-reactive protein from baseline to Day 60 (mg/L)
79	CL_CITP_BL60D	Num	8	Change in Core Lab Corboxy-Terminal Telopeptide of Collagen Type I from baseline to Day 60 (ug/L)
80	CONGFREE96	Num	8	Patient free of congestion at day 4
81	CONGFREE7D	Num	8	Patient free of congestion at day 7
82	CONGFREE30D	Num	8	Patient free of congestion at day 30
83	CONGFREE60D	Num	8	Patient free of congestion at day 60
84	NFLRDD1	Num	8	Net fluid loss from randomization to Day 1
85	NFLRDD2	Num	8	Net fluid loss from randomization to Day 2
86	NFLRDD3	Num	8	Net fluid loss from randomization to Day 3
87	NFLRDD4	Num	8	Net fluid loss from randomization to Day 4
88	NFLRDD5	Num	8	Net fluid loss from randomization to Day 5
89	NFLRDD6	Num	8	Net fluid loss from randomization to Day 6
90	NFLRDD7	Num	8	Net fluid loss from randomization to Day 7
91	TX_FAILURE_7D	Num	8	Treatment failure at any time during the first 7 days post-randomization
92	DVAS96_CHG	Num	8	Change in Dyspnea VAS from Baseline to Day 4 - LOCF and death adjustment
93	GVAS96_CHG	Num	8	Change in Global VAS from Baseline to Day 4 - LOCF and death adjustment
94	DVAS7D_CHG	Num	8	Change in Dyspnea VAS from Baseline to Day 7 - LOCF and death adjustment
95	GVAS7D_CHG	Num	8	Change in Global VAS from Baseline to Day 7 - LOCF and death adjustment
96	DRNDIS	Num	8	Days from randomization to discharge
97	DCALIVE1	Num	8	Patient discharged alive from the index hospitalization, modified to account for patients that do not discharge prior to the day 60 visit
98	TIMETODTHHOSPUNS	Num	8	Time to first of Death, Rehospitalization, unscheduled outpatient/ER visit (days)
99	ANYDTHHOSPUNS	Num	8	Any Death, Rehospitalization, or unscheduled outpatient/ER visit during study follow-up
100	TIMETODTHHFHOSPUNS	Num	8	Time to first of Death, HF Rehospitalization, unscheduled outpatient/ER visit (days)
101	ANYDTHHFHOSPUNS	Num	8	Any Death, HF Rehospitalization, or unscheduled outpatient/ER visit during study follow-up
102	TIMETODTHHOSP	Num	8	Time to first of Death or Rehospitalization (days)
103	ANYDTHHOSP	Num	8	Any Death or Rehospitalization during study follow-up
104	TIMETODTHHFHOSP	Num	8	Time to first of Death or HF Rehospitalization (days)
105	ANYDTHHFHOSP	Num	8	Any Death or HF Rehospitalization during study follow-up

Num	Variable	Type	Len	Label
106	TIMETOHOSP	Num	8	Time to first Rehospitalization (days)
107	ANYHOSP	Num	8	Any Rehospitalization during study follow-up
108	TIMETOHFHOSP	Num	8	Time to first HF rehospitalization (days)
109	ANYHFHOSP	Num	8	Any HF rehospitalization during study follow-up
110	TIMETODTH	Num	8	Time to death for patients (days)
111	PTDIED	Num	8	Patient died during the course of the study
112	TIMETOUNSC	Num	8	Time to first unscheduled outpatient/ER visit (days)
113	ANYUNSC	Num	8	Any unscheduled outpatient/ER visit during study follow-up
114	FURODSEQ_PH	Num	8	Oral Furosemide dose (or equivalent) pre-hospital
115	FURODSEQ_PHDC	Num	8	Oral Furosemide dose (or equivalent) change at discharge
116	FURODSEQ_DC	Num	8	Oral Furosemide dose (or equivalent) at discharge
117	FURODSEQ_30D	Num	8	Oral Furosemide dose (or equivalent) at 30 days
118	FURODSEQ_PH30D	Num	8	Oral Furosemide dose (or equivalent) change at 30 days
119	FURODSEQ_60D	Num	8	Oral Furosemide dose (or equivalent) at 60 days
120	FURODSEQ_PH60D	Num	8	Oral Furosemide dose (or equivalent) change at 60 days

**Data Set Name: a\_visitsumm.sas7bdat**

Num	Variable	Type	Len	Label
1	PATNUMB	Char	9	Patient Number
2	FORM	Char	8	Visit identifier
3	HEIGHTIN	Num	8	Height (inches)
4	WTLBS	Num	8	Weight (lbs)
5	LL_SODIUM	Num	8	Local Lab Sodium (mEq/L)
6	LL_POTASS	Num	8	Local Lab Potassium (mEq/L)
7	LL_BUN	Num	8	Local Lab BUN / Urea (mg/dL)
8	LL_BICARB	Num	8	Local Lab Bicarbonate (mEq/L)
9	LL_CREAT	Num	8	Local Lab Creatinine (mg/dL)
10	LL_GFR	Num	8	Local Lab GFR (mL/min/1.73m2)
11	LL_MAGNES	Num	8	Local Lab Magnesium (mg/dL)
12	LL_GLUC	Num	8	Local Lab Glucose (mg/dL)
13	LL_TCHOL	Num	8	Local Lab Total Cholesterol (mg/dL)
14	LL_AST	Num	8	Local Lab AST / SGOT (U/L)
15	LL_ALT	Num	8	Local Lab ALT / SGOT (U/L)
16	LL_ALKPHOS	Num	8	Local Lab Alkaline Phosphatase (U/L)
17	LL_BILIR	Num	8	Local Lab Total Bilirubin (mg/dL)
18	LL_ALBUM	Num	8	Local Lab Albumin (g/dL)
19	LL_HMG	Num	8	Local Lab Hemoglobin (g/dL)
20	LL_WBC	Num	8	Local Lab White Blood Cell Count (10 <sup>9</sup> /L)
21	LL_LYMPH	Num	8	Local Lab Lymphocyte %
22	LL_RDW	Num	8	Local Lab Red cell distribution %
23	LL_BNP	Num	8	Local Lab BNP (ng/L)
24	LL_NTPBNP	Num	8	Local Lab NT-pro-BNP (ng/L)
25	LL_PLAT	Num	8	Local Lab Platelets (10 <sup>9</sup> /L)
26	LL_PT	Num	8	Local Lab PT (secs)
27	LL_PTT	Num	8	Local Lab aPTT (secs)
28	LL_INR	Num	8	Local Lab INR (secs)
29	CL_CREAT	Num	8	Core Lab Creatinine (mg/dL)
30	CL_GFR	Num	8	Core Lab GFR (mL/min/1.73m2)
31	CL_URIC	Num	8	Core Lab Uric Acid (mg/dL)
32	CL_ALDOST	Num	8	Core Lab Aldosterone (pg/mL)
33	CL_CYSTC	Num	8	Core Lab Cystatin C (mg/L)
34	CL_PRENIN	Num	8	Core Lab Plasma Renin Activity (ng/mL/hr)
35	CL_NTPRO	Num	8	Core Lab NT Pro BNP (pg/mL)
36	CL_PIIINP	Num	8	Core Lab Pro-Collagen III NTP value (ug/L)

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
37	CL_TROPI	Num	8	Core Lab Troponin I (pg/mL)
38	CL_ET1	Num	8	Core Lab Endothelin-1 value (pg/mL)
39	CL_CRP	Num	8	Core Lab C-Reactive Protein value (mg/L)
40	CL_CITP	Num	8	Core Lab Corboxy-Terminal Teloptide of Collagen Type I value (ug/L)
41	BMI	Num	8	Body Mass Index

**Data Set Name: adverse.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	AENUMBER	Num	8	AE Number
3	MEDRTEXT	Char	100	MedDRA lower level term
4	MEDRCODE	Char	8	MedDRA code
5	ANYAE	Num	8	Subject have any serious adverse event(s)
6	PTNAME	Char	100	DERIVED Preferred Term
7	PTCODE	Char	8	DERIVED Preferred Term Code
8	SOCNAME	Char	100	DERIVED SOC Name
9	SOCODE	Char	8	DERIVED SOC Code
10	AEONSTDT	Num	8	AE Onset Date
11	AEONSTTM	Num	8	AE Onset Date and Time
12	AEENDDT	Num	8	AE End Date
13	AEENDTM	Num	8	AE End Date and Time
14	AECONT	Num	8	Event Ongoing
15	AEHOSP	Num	8	Was subject Hospitalized?
16	AEOUTCM	Num	8	SAE Outcome
17	AEINTENS	Num	8	Maximum Intensity
18	AEACTION	Num	8	Action Taken with Study Drug/Treatment
19	AERELAT	Num	8	Related to Study Drug/Treatment
20	AEUNEXPT	Num	8	Was this Event Unexpected?
21	patnumb	Char	6	De-identified patient number



**Data Set Name: assessmt.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	HRNOTDN	Num	8	Heart rate Not Done
3	HRATE	Num	8	Heart rate
4	BPNOTDN	Num	8	Blood pressure Not Done
5	BPSYS	Num	8	Systolic BP
6	BPDIA	Num	8	Diastolic BP
7	SPNOTDN	Num	8	SpO2 Not Done
8	SPO2	Num	8	SpO2
9	HTNOTDN	Num	8	Height Not Done
10	WTNOTDN	Num	8	Weight Not Done
11	JVPNOTDN	Num	8	Jugular venous pressure Not Done
12	JVP	Num	8	Jugular venous pressure
13	RASNOTDN	Num	8	Rales Not Done
14	RALES	Num	8	Rales
15	AUSNOTDN	Num	8	S3 auscultation Not Done
16	AUSCULTN	Num	8	S3 auscultation
17	HEPNOTDN	Num	8	Hepatomegaly Not Done
18	HEPATOM	Num	8	Hepatomegaly
19	ASCNOTDN	Num	8	Ascites Not Done
20	ASCITES	Num	8	Ascites
21	PEDNOTDN	Num	8	Peripheral edema Not Done
22	PEREDEMA	Num	8	Peripheral edema
23	NYNOTDN	Num	8	Current NYHA HF class Not Done
24	NYHA	Num	8	Current NYHA HF classification
25	ORTNOTDN	Num	8	Orthopnea Not Done
26	ORTHOPNEA	Num	8	Orthopnea
27	patnumb	Char	6	De-identified patient number

**Data Set Name: crcore.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	CRSCHDAS	Num	8	Scheduled (Core lab)
3	CRCORED	Num	8	Date of Test
4	CRCOREND	Num	8	Not Done (Core lab)
5	CRCOREAS	Num	8	Reason Not Done (Core lab)
6	patnumb	Char	6	De-identified patient number

**Data Set Name: crdaydiu.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	CRTIMEPT	Num	8	Diuretics timeframe
3	CRNADIUR	Num	8	NA (diuretics)
4	CRDAILY	Num	8	Medication
5	CRDIUR	Num	8	Medication taken
6	CRBOLUS	Num	8	IV bolus
7	CRIV	Num	8	IV cont
8	CRPO	Num	8	PO
9	CRBOLVAL	Num	8	IV bolus value
10	CRIVVAL	Num	8	IV cont value
11	CRPOVAL	Num	8	PO value
12	patnumb	Char	6	De-identified patient number

**Data Set Name: crfluid.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	CRIVIN	Num	8	Total IV input
3	CRORALIN	Num	8	Total oral input
4	CRULTOUT	Num	8	Total ultrafiltration output
5	CRURINOT	Num	8	Total urine output
6	CRFNONE	Num	8	None
7	patnumb	Char	6	De-identified patient number

**Data Set Name: cruribio.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	URINBIO	Num	8	Was the subject randomized after IRB app
3	patnumb	Char	6	De-identified patient number

**Data Set Name: cruricor.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	CRURSCH	Num	8	Scheduled Urinary Assessments
3	CRURINDT	Num	8	Date of Urinary Test
4	CRURLBND	Num	8	Urinary Test Not Done
5	CRURINRE	Num	8	Reason Urinary Test Not Done
6	patnumb	Char	6	De-identified patient number

**Data Set Name: deathpag.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	DEATHLOC	Num	8	Location of death
3	DEATHDT	Num	8	Date of death
4	DEATHCAU	Num	8	Cause of death
5	patnumb	Char	6	De-identified patient number

**Data Set Name: *discharg.sas7bdat***

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	DCALIVE	Num	8	Was the subject discharged alive?
3	DISCHDT	Num	8	Hospital discharge date
4	DCHGLOC	Num	8	Discharged to
5	patnumb	Char	6	De-identified patient number



**Data Set Name: *diuretic.sas7bdat***

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	DIUMEDS	Num	8	Medication
2	DIURANS	Num	8	Yes, No, Daily, PRN
3	DIURDOSE	Num	8	Average Total Daily Dose
4	FORM	Char	40	Form Name - Block ID
5	patnumb	Char	6	De-identified patient number

**Data Set Name: *ecg.sas7bdat***

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	ECGDT	Num	8	ECG Date
3	ECGNOTDN	Num	8	ECG Not done
4	ECGHRATE	Num	8	Rate
5	ECGRHYTH	Num	8	Rhythm
6	ECGPACED	Num	8	Are there two or more paced beats?
7	ECGQRS	Num	8	QRS duration
8	ECGQRSND	Num	8	Not done
9	patnumb	Char	6	De-identified patient number

**Data Set Name: eligible.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	ELIGCRIT	Num	8	Subject met eligibility criteria
2	EXCL1	Num	8	Exclusion criteria not met reason #1
3	EXCL2	Num	8	Exclusion criteria not met reason #2
4	EXCL3	Num	8	Exclusion criteria not met reason #3
5	FORM	Char	40	Form Name - Block ID
6	INCL1	Num	8	Inclusion criteria not met reason #1
7	INCL2	Num	8	Inclusion criteria not met reason #2
8	INCL3	Num	8	Inclusion criteria not met reason #3
9	WAIVER	Num	8	Waiver granted?
10	patnumb	Char	6	De-identified patient number

**Data Set Name: endptass.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	CRDIAL	Num	8	Dialysis
3	CRCSUPPT	Num	8	Mechanical circulatory support
4	CRRESPIR	Num	8	Mechanical respiratory support
5	CRSAE	Num	8	Serious adverse event
6	CRDEATH	Num	8	Death
7	patnumb	Char	6	De-identified patient number

**Data Set Name: hemodyn.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	PACDT	Num	8	Date of catheter
3	PACTM	Num	8	Date and Time of catheter
4	PACND	Num	8	Not Done
5	ANYCATH	Num	8	Does the subject have a pulmonary artery
6	PCWPVAL	Num	8	PCWP
7	CVPVAL	Num	8	CVP
8	PACASST	Num	8	Pre or Post randomization
9	patnumb	Char	6	De-identified patient number

**Data Set Name: inithosp.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	PRESENDT	Num	8	Acute care facility presentation date
3	PRESENTM	Num	8	Acute care facility presentation date an
4	patnumb	Char	6	De-identified patient number

**Data Set Name: medhist1.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	40	Form Name - Block ID
2	CVHSP	Num	8	Number cardiovasc hosps in prior 12 mos.
3	HFHSP	Num	8	Number of HF hosps in last 12 months
4	LVASSESS	Num	8	LV function assessed?
5	LVASSDT	Num	8	Date of last LVEF
6	LVEF	Num	8	Value of last LVEF
7	LVEFSTAT	Num	8	LVEF categorization
8	LVMETH	Num	8	Method of assessment of LV function
9	ISCHEMIC	Num	8	Documented hx of ischemic heart disease?
10	ANGINA	Num	8	Angina pectoris
11	MI	Num	8	Myocardial infarction history
12	MIDT	Num	8	Date of most recent MI
13	LTCATH	Num	8	Left heart catheterization history
14	LTCATHDT	Num	8	Left heart catheterization date
15	LM	Num	8	LM
16	LAD	Num	8	LAD
17	LCX	Num	8	LCX
18	RCA	Num	8	RCA
19	PTCI	Num	8	PTCI history
20	PTCIDT	Num	8	date of most recent PTCI
21	CABG	Num	8	Coronary artery bypass graft
22	CABGDT	Num	8	Date of most recent CABG
23	NONISCH	Num	8	Evidence of non-ischemic cardiomyopathy
24	ALCOHOLC	Num	8	Alcoholic
25	CYTOTOXC	Num	8	Cytotoxic drug therapy
26	FAMILIAL	Num	8	Familial
27	HYPERTEN	Num	8	Hypertensive
28	DILATED	Num	8	Idiopathic dilated cardiomyopathy
29	RESTRICT	Num	8	Idiopathic restrictive cardiomyopathy
30	PERIPAR	Num	8	Peripartum
31	VAL	Num	8	Valvular
32	HCM	Num	8	HCM
33	OTHCONT	Num	8	Other/uncertain
34	patnumb	Char	6	De-identified patient number

**Data Set Name: medhist2.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	40	Form Name - Block ID
2	VALVULAR	Num	8	Valvular heart disease:
3	MSTENOS	Num	8	Mitral stenosis
4	MREGURG	Num	8	Mitral regurgitation
5	ATSTENOS	Num	8	Aortic stenosis
6	AREGURG	Num	8	Aortic regurgitation
7	TSTENOS	Num	8	Tricuspid stenosis
8	TREGURG	Num	8	Tricuspid regurgitation
9	NONSURG	Num	8	None
10	MITSURG	Num	8	Mitral
11	AORSURG	Num	8	Aortic
12	TRISURG	Num	8	Tricuspid
13	PULSURG	Num	8	Pulmonic
14	HYPRTESN	Num	8	Hypertension
15	TIA	Num	8	TIA
16	STROKE	Num	8	Stroke
17	ARRHYTHM	Num	8	Arrhythmia
18	ATRIALFB	Num	8	Atrial fibrillation/flutter
19	FIBFLUTR	Num	8	Atrial fibrillation/flutter, type
20	SUSVTVF	Num	8	Sustained VT or VF
21	ARREST	Num	8	Cardiac arrest (etiology unclear)
22	PACEMAKR	Num	8	Pacemaker without ICD
23	PACETYPE	Num	8	Pacemaker without ICD type
24	ICD	Num	8	ICD
25	ICDTYPE	Num	8	Type of ICD
26	PVD	Num	8	Peripheral vascular disease
27	COPD	Num	8	Chronic obstructive pulmonary disease
28	DIABETES	Num	8	Diabetes
29	DIABTYPE	Num	8	Diabetes treatment
30	GOUT	Num	8	Gout
31	HEPATIC	Num	8	Hepatic disease
32	MALIGNCY	Num	8	Malignancy
33	DEPRESS	Num	8	Depression
34	ALCOHOL	Num	8	Chronic alcohol use
35	CIGARETT	Num	8	Cigarette smoking
36	TRANSPLT	Num	8	Heart transplant status



<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
37	TRANSPDT	Num	8	Date of transplant
38	LIPIDEMA	Num	8	Hyperlipidemia
39	patnumb	Char	6	De-identified patient number

**Data Set Name: meds.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	HFMEDS	Num	8	Medication
3	MEDSANS	Num	8	Was medication taken?
4	MEDSCONT	Num	8	Documented Evidence of Contraindication
5	MEDRAND	Num	8	Meds At Randomization?
6	MEDDSCG	Num	8	Meds At Discharge?
7	DISCHND	Num	8	Discharge Meds NA
8	patnumb	Char	6	De-identified patient number

**Data Set Name: *procedur.sas7bdat***

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	PROLCATH	Num	8	Left heart catheterization
3	PRORCATH	Num	8	Right heart catheterization
4	PAGEREP	Num	8	Page ID Repeat
5	PROPCI	Num	8	PCI
6	PROCABG	Num	8	Coronary artery bypass graft
7	PRONOICD	Num	8	Pacemaker without ICD
8	PROCPACE	Num	8	Pacemaker without ICD type
9	PROCICD	Num	8	ICD
10	PROCEICD	Num	8	ICD type
11	PROIABP	Num	8	Intra-aortic balloon pump placement
12	PROULTRA	Num	8	Ultrafiltration
13	PROBLAT	Num	8	Atrial arrhythmia ablation
14	PROCPR	Num	8	CPR
15	PROCARDI	Num	8	Cardioversion
16	PROLVAD	Num	8	LVAD placement
17	PRLVADDT	Num	8	LVAD Placement date
18	PRODIAL	Num	8	Dialysis
19	PROHTRAN	Num	8	Heart transplant
20	PRHTRDDT	Num	8	Heart transplant date
21	patnumb	Char	6	De-identified patient number

**Data Set Name: rehosptl.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	40	Form Name - Block ID
2	REHOSPDT	Num	8	Admission date
3	REDCHGDT	Num	8	Discharge date
4	INREHOSP	Num	8	Remains hospitalized
5	PRIMCAUS	Num	8	Primary reason for hospitalization
6	PAGEREP	Num	8	Page ID Repeat
7	REHTFAIL	Num	8	Heart failure - secondary
8	REANGINA	Num	8	Angina - secondary
9	REMI	Num	8	MI - secondary
10	REATRIAL	Num	8	Atrial arrhythmia - secondary
11	REARRHY	Num	8	Ventricular arrhythmia - secondary
12	RECTPAIN	Num	8	Chest pain - secondary
13	RESUSCIT	Num	8	Sudden death w/resuscitation - secondary
14	RECVA	Num	8	CVA/stroke - secondary
15	REPVD	Num	8	Peripheral vascular disease - secondary
16	RESYNCO	Num	8	Syncope - secondary
17	REHYPOTN	Num	8	Hypotension - secondary
18	RECARDPR	Num	8	Elective cardiac procedure - secondary
19	REOTCARD	Num	8	Other cardiovascular - secondary
20	RERENAL	Num	8	Renal failure - secondary
21	REWORSE	Num	8	Worsening renal failure - secondary
22	REKALEMA	Num	8	Hyperkalemia - secondary
23	REINFECT	Num	8	Infection - secondary
24	RENON	Num	8	Elective non-cardiac proc. - secondary
25	REOTNON	Num	8	Other non-cardiovascular - secondary
26	patnumb	Char	6	De-identified patient number

**Data Set Name: safety.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	SAENUMB	Num	8	Number serious adverse events
3	REHOSNUM	Num	8	How many re-hospitalizations?
4	ERNUMB	Num	8	Number unscheduled clinic/ED visits
5	patnumb	Char	6	De-identified patient number

**Data Set Name: *spc.sas7bdat***

Num	Variable	Type	Len	Label
1	FORM	Char	40	Form Name - Block ID
2	IVDIURET	Num	8	Were IV diuretics started at any time po
3	ALGORITHM	Num	8	Were each of the indicated steps pf the
4	SPCREASN	Num	8	If No: Reason IV diuretics not started (
5	SPCRANAR	Num	8	If Yes: Check only one: IV diuretics sta
6	SPSTRTDT	Num	8	Date IV diuretics started (after randomi
7	SPSTOPDT	Num	8	Date IV diuretics stopped
8	SPSTOPTM	Num	8	Date and Time IV diuretics stopped:
9	SPCOPTML	Num	8	Achieved optimal volume status
10	SPCBPDWN	Num	8	Significant blood pressure drop/clinical
11	SPCVOL	Num	8	Evidence of intravascular volume depleti
12	SPCREAUP	Num	8	Increased creatinine
13	SPCAFAIL	Num	8	Vascular access failure
14	SPCMDDEC	Num	8	MD decision
15	SPCWTHDR	Num	8	Subject withdrew consent
16	SPCDIED	Num	8	Subject died
17	SPCOTHER	Num	8	Other
18	patnumb	Char	6	De-identified patient number

**Data Set Name: status.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	EVALDT	Num	8	Assessment date
3	EARLYTRM	Num	8	Early Termination
4	EVALUTE	Num	8	Assessment performed?
5	SUBJSTAT	Num	8	Subject status
6	patnumb	Char	6	De-identified patient number

**Data Set Name: term.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	TERMDT	Num	8	Termination Date
3	COMPLETE	Num	8	Did the subject complete the study?
4	TERMREAS	Num	8	Reason for termination
5	patnumb	Char	6	De-identified patient number



**Data Set Name: *ultra.sas7bdat***

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	STRULTR	Num	8	Was ultrafiltration started at any time
3	NOULTRA	Num	8	If No: Specify reason (check only one):
4	YESULTRA	Num	8	If Yes: Specify reason (check only one):
5	CIRCUITS	Num	8	How many circuits were used:
6	patnumb	Char	6	De-identified patient number

**Data Set Name: *ultralog.sas7bdat***

Num	Variable	Type	Len	Label
1	FORM	Char	40	Form Name - Block ID
2	NOULTLOG	Num	8	No Ultrafiltration performed
3	ULSTRTDT	Num	8	Date ultrafiltration started
4	ULSTRTTM	Num	8	Date and time ultrafiltration started
5	ULTRATE	Num	8	Rate (cc/hour)
6	WITHDRAW	Num	8	Withdraw (check only one)
7	RETRN	Num	8	Return (check only one)
8	ULSTOPDT	Num	8	Date ultrafiltration stopped
9	ULSTOPTM	Num	8	Date and time ultrafiltration stopped
10	OPTVOL	Num	8	Achieved optimal volume status
11	BPDROP	Num	8	Significant blood pressure drop/clinical
12	DEplete	Num	8	Evidence of intravascular volume depleti
13	INCREATN	Num	8	Increased creatinine
14	CLOGGED	Num	8	Filter clogged
15	ACCFAIL	Num	8	Vascular access failure
16	MDECISN	Num	8	MD decision
17	SWCONSNT	Num	8	Subject withdrew consent
18	LOGDEATH	Num	8	Subject died
19	LOGOTH	Num	8	Other
20	ULOGNUMB	Num	8	Ultrafiltration Log Number
21	patnumb	Char	6	De-identified patient number

**Data Set Name: *unschedl.sas7bdat***

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	UNSCHEDT	Num	8	Visit date
3	VISTYPE	Num	8	Visit type
4	HFVISIT	Num	8	Was this visit related to heart failure?
5	DECOMPHF	Num	8	Sign/symptom indicating decompensated HF
6	IVFORHF	Num	8	IV treatment for heart failure received
7	patnumb	Char	6	De-identified patient number

**Data Set Name: vas.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	DYSPVAS	Num	8	Dyspnea: VAS score:
3	GLOBLVAS	Num	8	Global VAS score:
4	patnumb	Char	6	De-identified patient number

**Data Set Name: vasoinfu.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	40	Form Name - Block ID
2	VASODRUG	Num	8	Intravenous Drug
3	VASOANS	Num	8	Was Intravenous Drug taken?
4	VASTARDT	Num	8	Intravenous vasoact infusion start date
5	VASTARTM	Num	8	Start Date and Time
6	VASTOPDT	Num	8	Intravenous vasoact infusion stop date
7	VASTOPTM	Num	8	Intravenous vasoact infusion stop date/t
8	VASOCONT	Num	8	Ongoing at Discharge?
9	patnumb	Char	6	De-identified patient number

**Data Set Name: a\_urinesub.sas7bdat**

Num	Variable	Type	Len	Label
1	PATNUMB	Char	9	Patient Number
2	NGAL_BL	Num	8	Baseline neutrophil gelatinase-associated lipocalin (NGAL) (ng/mL)
3	NAG_BL	Num	8	Baseline N-acetyl-B-d-glucosaminidase (NAG) (mU/mL)
4	KIM1_BL	Num	8	Baseline kidney injury molecule-1 (KIM-1) (pg/mL)
5	MICROALB_BL	Num	8	Baseline micro albumin (mg/L)
6	UR_CREATDL_BL	Num	8	Baseline urinary creatinine (mg/dL)
7	UR_CREATML_BL	Num	8	Baseline urinary creatinine (mg/mL)
8	UR_SODIUM_BL	Num	8	Baseline urinary sodium (mmol/L)
9	NGAL_CR_BL	Num	8	Baseline neutrophil gelatinase-associated lipocalin (NGAL) normalized to creatinine (ng/mg.uCR)
10	NAG_CR_BL	Num	8	Baseline N-acetyl-B-d-glucosaminidase (NAG) normalized to creatinine (mU/mg.uCR)
11	KIM1_CR_BL	Num	8	Baseline kidney injury molecule-1 (KIM-1) normalized to creatinine (pg/mg.uCR)
12	MICROALB_CR_BL	Num	8	Baseline micro albumin normalized to creatinine (mg/g.uCR)
13	NGAL_D1	Num	8	24 Hour neutrophil gelatinase-associated lipocalin (NGAL) (ng/mL)
14	NAG_D1	Num	8	24 Hour N-acetyl-B-d-glucosaminidase (NAG) (mU/mL)
15	KIM1_D1	Num	8	24 Hour kidney injury molecule-1 (KIM-1) (pg/mL)
16	MICROALB_D1	Num	8	24 Hour micro albumin (mg/L)
17	UR_CREATDL_D1	Num	8	24 Hour urinary creatinine (mg/dL)
18	UR_CREATML_D1	Num	8	24 Hour urinary creatinine (mg/mL)
19	UR_SODIUM_D1	Num	8	24 Hour urinary sodium (mmol/L)
20	NGAL_CR_D1	Num	8	24 Hour neutrophil gelatinase-associated lipocalin (NGAL) normalized to creatinine (ng/mg.uCR)
21	NAG_CR_D1	Num	8	24 Hour N-acetyl-B-d-glucosaminidase (NAG) normalized to creatinine (mU/mg.uCR)
22	KIM1_CR_D1	Num	8	24 Hour kidney injury molecule-1 (KIM-1) normalized to creatinine (pg/mg.uCR)
23	MICROALB_CR_D1	Num	8	24 Hour micro albumin normalized to creatinine (mg/g.uCR)
24	NGAL_D4	Num	8	Day 4 neutrophil gelatinase-associated lipocalin (NGAL) (ng/mL)
25	NAG_D4	Num	8	Day 4 N-acetyl-B-d-glucosaminidase (NAG) (mU/mL)
26	KIM1_D4	Num	8	Day 4 kidney injury molecule-1 (KIM-1) (pg/mL)
27	MICROALB_D4	Num	8	Day 4 micro albumin (mg/L)
28	UR_CREATDL_D4	Num	8	Day 4 urinary creatinine (mg/dL)
29	UR_CREATML_D4	Num	8	Day 4 urinary creatinine (mg/mL)
30	UR_SODIUM_D4	Num	8	Day 4 urinary sodium (mmol/L)
31	NGAL_CR_D4	Num	8	Day 4 neutrophil gelatinase-associated lipocalin (NGAL) normalized to creatinine (ng/mg.uCR)
32	NAG_CR_D4	Num	8	Day 4 N-acetyl-B-d-glucosaminidase (NAG) normalized to creatinine (mU/mg.uCR)
33	KIM1_CR_D4	Num	8	Day 4 kidney injury molecule-1 (KIM-1) normalized to creatinine (pg/mg.uCR)
34	MICROALB_CR_D4	Num	8	Day 4 micro albumin normalized to creatinine (mg/g.uCR)