

Protocol Definition Report

Protocol: HEMO/US

Date: 04-OCT-2010

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Pages

Page Name	Description
DIA_PARA	F8 - Parameters Recorded During Dialysis

Module	Description			
F8_VISIT	EN-Parameters Recorded During Dialysis			
Item/Prompt	X	Y	Size	Decoded
F8_DT	Date of Dialysis Treatment	43	1	11

Module	Description			
F8_INFO	EN-Parameters Recorded During Dialysis			
Item/Prompt	X	Y	Size	Decoded
F8_NUM	Number	1	2	5
F8_TM	Time (use 24 hr clock)	6	2	12
F8_BP_SY	Blood Pressure: Systolic	18	2	13
F8_BP_DI	Blood Pressure: Diastolic	31	2	13
F8_PULSE	Pulse	44	2	4
F8_BFR	BFR	48	2	3
F8_DFR	DFR	51	2	3
F8_COM	Comments	54	2	25

DfchWc`8 YZbjhcb`F Ydcfh

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DIA_TREA

F7 - Dialysis Treatment

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F7

EN-Dialysis Treatment

#Ya #Dfca dh	L	M	GjnY 8 YW:XYX
F7_1B 1b. Name Code	36	0	4
F7_2 2. Date of Dialysis Treatment	36	2	11
F7_3A 3a. Dialysis Membrane	43	4	1 CB
F7_3AO	51	5	34
F7_3B 3b. Sodium Bath Concentration (millimola)	43	7	1 CB
F7_3BO	51	9	34
F7_3C 3c. Potassium Bath Concentration (millim)	43	11	2
F7_3D 3d. Bicarbonate Bath Concentration (mill)	43	13	3
F7_3E 3e. Calcium Bath Concentration (millimol)	43	15	4
F7_3F 3f. Dialysis Access	43	14	1 CB
F7_4B 4b. Heart Rate (bpm)	43	23	3
F7_4C 4c. Height (cm)	43	25	3
F7_4D 4d. Ideal Body Weight	43	27	6
F7_4E 4e. Prior Post-Dialysis Weight	43	29	6
F7_4F 4f. Pre-Dialysis Weight	43	31	6
F7_4G 4g. Post-Dialysis Weight	43	33	6
F7_4H 4h. Post-Dialysis Blood Pressure	43	35	7
F7_5B 5b. Net Fluid Removed (L)	43	39	4
F7_5C 5c. Blood Product Type	43	27	1 CB
F7_5D 5d. Blood Product Administration Problems	43	30	1 CB
F7_5E 5e. Oxygen Administration During Dialysis	43	34	1 CB
F7_5F 5f. Additional IV Fluids Administered Du	43	36	1 CB
F7_5G 5g. Pre Dialysis Weight post Holter Remo	42	55	6

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(continued)

DIA_TREA F7 - Dialysis Treatment

#Ya #Dfca dh	L	M	GjnY 8 YWtXYX
F7_1B 1b. Name Code	36	0	4
F7_2 2. Date of Dialysis Treatment	36	2	11
F7_3A 3a. Dialysis Membrane	43	4	1 CB
F7_3AO	51	5	34
F7_3B 3b. Sodium Bath Concentration (millimola	43	7	1 CB
F7_3BO	51	9	34
F7_3C 3c. Potassium Bath Concentration (millim	43	11	2
F7_3D 3d. Bicarbonate Bath Concentration (mill	43	13	3
F7_3E 3e. Calcium Bath Concentration (millimol	43	15	4
F7_3F 3f. Dialysis Access	43	14	1 CB
F7_4B 4b. Heart Rate (bpm)	43	23	3
F7_4C 4c. Height (cm)	43	25	3
F7_4D 4d. Ideal Body Weight	43	27	6
F7_4E 4e. Prior Post-Dialysis Weight	43	29	6
F7_4F 4f. Pre-Dialysis Weight	43	31	6
F7_4G 4g. Post-Dialysis Weight	43	33	6
F7_4H 4h. Post-Dialysis Blood Pressure	43	35	7
F7_5B 5b. Net Fluid Removed (L)	43	39	4
F7_5C 5c. Blood Product Type	43	27	1 CB
F7_5D 5d. Blood Product Adminstration Problems	43	30	1 CB
F7_5E 5e. Oxygen Adminstration During Dialysis	43	34	1 CB
F7_5F 5f. Additional IV Fluids Administered Du	43	36	1 CB
F7_5G 5g. Pre Dialysis Weight post Holter Remo	42	55	6
F7_5H 5h. Pre Dialysis Blood Pressure Post Hol	42	57	7

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DIA_TREA

F7 - Dialysis Treatment

(continued)

F7_6	6. Symptoms Reported During Dialysis	43	40	1	CB
F7_6A	If Yes, please check:	43	42	1	CB
F7_6B		43	43	1	CB
F7_6C		43	44	1	CB
F7_6D		43	45	1	CB
F7_6E		43	46	1	CB
F7_6F		43	47	1	CB
F7_6G		43	48	1	CB
F7_6H		43	49	1	CB
F7_6I		43	50	1	CB
F7_6IO		40	68	34	
F7_5D_OT	If Yes, Specify:	43	49	34	
F7_5F_OT	Specify Other	57	54	34	
F7_4A_SY	4a. Blood Pressure (Systolic / Diastolic	43	21	4	
F7_4A_DI	/	51	21	4	
F7_5A_1	5a. Total Length of Treatment (hh:mm)	43	37	2	
F7_5A_2	:	50	37	2	

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ENR_CON

F1 - Enroll Confirmation

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F1

EN-Form 1: Enrollment Confirmation

#Ya #Dfca dh	L	M	GjnY 8 YWtXYX
F1_1B 1. Subject Initials	20	1	3
F1_2 2. Date Consent Signed	20	2	11
F1_3 3. Date of Birth	20	3	11
F1_4 4. Gender	43	4	1 CB
F1_5 5. Diabetes Mellitus	43	8	1 CB
F1_6 6. Hypertension	43	21	1 CB
F1_7A a. Age greater than 40 years AND	43	31	1 CB
F1_7B b. Confirmed history of hypertension	43	35	1 CB
F1_8A a. Subject with class I antiarrhythmic,	43	39	1 CB
F1_8B b. Subject with pacemaker	43	43	1 CB
F1_8C c. Subject with ICD device	43	47	1 CB
F1_8D d. Subject with cardiac resynchronization	43	51	1 CB
F1_8E e. Subject has a history of chronic atri	43	55	1 CB
F1_8F f. Female subject of childbearing potent	43	59	1 CB
F1_8G g. Subject participating in other clinic	43	63	1 CB
F1_8H h. Subject unable to cooperate with the	43	67	1 CB
F1_8I i. Subject who refuses to sign the conse	43	71	1 CB
F1_7 7. Inclusion Criteria; (Check box for ea	5	56	1
F1_8 8. Exclusion Reason(s); (Check box of ea	5	57	1

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HOLTER

F5 - Holter Application

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F5

EN-Holter Application

#Ya #Dfca dh	L	M	GjnY 8 YWt:XYX
F5_1B 1b. Name Code	43	1	4
F5_2B_1 2b. Time Holter Recording Started (hh:mm)	42	5	2 NO
F5_2B_2	50	5	2 NO
F5_2C 2c. Date Holter Recording Removed	42	7	11
F5_3A_1 3a. Time Dialysis Started (hh:mm)	42	9	2 NO
F5_3A_2	50	9	2 NO
F5_3B_1 3b. Time Dialysis Ended (hh:mm)	42	11	2 NO
F5_3B_2	50	11	2 NO
F5_4_1 4. Wake up time Within 24 Hours of Dialy	42	13	2 NO
F5_4_2	50	13	2 NO
F5_5 5. Date Holter Data Card Delivered to He	42	15	11
F5_COMM Diary Comments	42	17	34
F5_2A 2a. Date Holter Recording Applied	42	3	11

HOLT_DAT

F6 - Holter Data Core Laboratory Eval

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F6

EN-Holter Data Core Laboratory Evaluatio

#Ya #Dfca dh	L	M	GjnY 8 YWt:XYX
F6_1B 1b. Name Code	43	2	4
F6_2 2. Date Data Received	43	4	11
F6_3_1 3. Duration of Recording	43	6	2 NO
F6_3_2 :	53	6	2 NO
F6_4 4. Holter Analysis Status	43	6	1 CB
F6_4O Specify:	56	12	21
F6_5 5. Does Holter need to be reacquired?	43	14	1 CB
F6_COMM Comments	43	18	34

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LAB_DATA

F3 - Lab Data Prior to Hemodialysis

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F3

EN-Laboratory Data Prior to Hemodialysis

#Ya #Dfca dh	L	M	GjnY 8 YWt:XYX
F3_1B 1b. Name Code	43	1	4
F3_2 2. Date Blood Drawn (mm dd yyyy)	43	2	11
F3_3 3. Sodium (mEq/dL)	43	3	4
F3_4 4. Potassium (mEq/dL)	43	4	4
F3_5 5. Chloride (mEq/dL)	43	5	4
F3_6 6. Bicarbonate (mEq/dL)	43	6	3
F3_7 7. Anion Gap	43	7	3
F3_8 8. Blood Urea Nitrogen (mg/dL)	43	8	4
F3_9 9. Creatinine (mg/dL)	43	9	5
F3_10 10. Glucose (mg/dL)	43	10	4
F3_11 11. Calcium (mg/dL)	43	11	5
F3_12 12. Phosphate (mg/dL)	43	12	5
F3_13 13. Calcium Phosphate Product	43	13	5
F3_14 14. Albumin (g/dL)	43	14	4
F3_15 15. Hemoglobin (g/dL)	43	15	5
F3_16 16. Hematocrit	43	16	5
F3_17A 17. Date Obtained (mm dd yyyy)	43	17	11
F3_17B 18. Ferritin ng/mL	43	18	4
F3_17C 19. Transferin saturation %	43	19	3
F3_18A 20. Date Parathyroid Obtained (mm dd yyy)	43	20	11
F3_18B 21. i-Pth. Parathyroid (pg/ml)	43	21	5
F3_19 22. Date Last Derived Parameters Obtaine	43	22	11
F3_20 23. Kt/V	43	23	5
F3_21 24. URR	43	24	6
F3_22 25. nPCR	43	25	5

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MEDEVAL

F2 - Baseline Medical Evaluation/Demo

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F2

EN-Baseline Medical Evaluation/Demograph

#Ya #Dfca dh	L	M	GjnY 8 YWtXYX
F2A2 2. Hyperlipidemia	43	2	1 CB
F2A3 3. Primary cause of ESRD	43	6	1 CB
F2A3S specify:	59	11	16
F2A4 4. Date of First Dialysis	43	13	11
F2A5A 5a. Cigarette Smoker: Any time in the pa	43	13	1 CB
F2A5B 5b. Cigarette Smoker: Currently Smoking	43	15	1 CB
F2A5C 5c. Total Amount in Pack - Years (packs/	43	21	5
F2A6 6. NYHA Functional Classification III	43	18	1 CB
F2A7_D 7. Date of most recent CHF Inpatient Hos	46	31	2
F2A7_M	51	31	2
F2A7_Y	56	31	4
F2A8 8. Ventricular Arrhythmias in the past	43	28	1 CB
F2A9 9. Atrial Arrhythmias in the Past	43	31	1 CB
F2A10A_D 10a. Date of ejection fraction evaluatio	43	45	2
F2A10A_M	48	45	2
F2A10A_Y	53	45	4
F2A10B 10b. Quantitated LV-ejection fraction (43	48	3
F2A10C 10c. Measurement method of ejection frac	43	40	1 CB
F2A10C_O Specify	61	56	13
F2A11A 11a. Number of PCI Revascularization Pro	43	47	1 CB(continued)
F2A11B_D 11b. Date of most recent PCI Revasculari	43	71	2
F2A11B_M	48	71	2

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MEDEVAL F2 - Baseline Medical Evaluation/Demo (continued)

F2A12A	12a. Number of CABG Revascularization Pe	43	62	1	CB
F2A12B_D	12b. Date of Most Recent CABG Revasculat	43	86	2	
F2A12B_M		48	86	2	
F2A12B_Y		53	86	4	
F2A13A	13a. Q-wave MI Confirmed by 12-lead ECG	43	77	1	CB
F2A13B_D	13b. Date of Most Recent Q-wave Myocardi	43	94	2	
F2A13B_M		48	94	2	
F2A13B_Y		53	94	4	
F2A14A	14a. Evidence of LVH	43	85	1	CB
F2A14B	14b. LV Mass (grams)	43	102	4	
F2A15	15. Number of hospitalizations for any c	43	89	1	CB
F2A16	16. Cerebrovascular Accident	43	98	1	CB
F2A17	17. Pericardial Disease	43	101	1	CB
F2A18	18. Valvular Disease (indicate primary t	43	104	1	CB
F2A19A	19a. Diastolic Dysfunction	43	110	1	CB
F2A19B	19b. Degree of Dysfunction	43	113	1	CB
F2A20	20. Pulmonary Hypertension above 40 mm/H	43	118	1	CB
F2A21	21. Racial Category	43	121	1	CB
F2A22	22. Ethnic Category	43	134	1	CB
F2A23	23. Marital Status	43	137	1	CB
F2A24	24. Employment Status at time of Enrollm	43	144	1	CB
F2A4_D	or	62	13	2	
F24A_M		67	13	2	
F24A_Y		72	13	4	

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MEDS

F4 - Medications at time of Holter Recor

AcXi`Y	8 YgWjdjcb			
F4_VISIT	EN-Medications at Tme of Holter Recordin			
	#Ya #Dfca dh	L	M	GjnY 8 YWtXYX
F4_DT	Date Information Obtained	43	1	11

AcXi`Y	8 YgWjdjcb			
F4_INFO	EN-Medications at Time of Holter Recordi			
	#Ya #Dfca dh	L	M	GjnY 8 YWtXYX
F4_NUM	Number	1	2	5
F4_NAME	Generic Name	6	2	13
F4_CODE	Drug Code	19	2	8
F4_DOSE	Dose	27	2	3
F4_UNITS	Units	30	2	4
F4_FREQ	Freq.	34	2	3
F4_TK_ST	Was dose taken within 24 hours before st	37	2	7
F4_TK_RC	Was dose taken during the recording?	44	2	7

WITHDRAW

F9 - Subject Withdrawal Status

AcXi`Y	8 YgWjdjcb			
F9	EN-Subject Withdrawal Status			
	#Ya #Dfca dh	L	M	GjnY 8 YWtXYX
F9_1B	1b. Name Code	10	2	4
F9_2	Date Information Obtained (mm dd yyyy)	27	5	11
F9_3	Reason for Inactive Status	43	4	2 CB
F9_3O		29	10	34

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AcXi `Yg_

AcXi `Y	8 YgW]d]h]cb	? Ymi%	? Ymi&	? Ymi'	? Ymi(8 UHU@]j Y
F1	EN-Form 1: Enrollment Confirmation					3
	#Ya	8 YgW]d]h]cb				
	F1_1B	1. Subject Initials				
		8 UHUHndY	CHAR	(3)		
		9I dYWHX'	N			
		J Yf]ZUVY	Y			
		6`]bXUVY	N			
		K Ufb]b[`FUb[Y				
		9ffc'FUb[Y				
		7 cXY]gh				
		8]W]cbUfm				
	F1_2	2. Date Consent Signed				
		8 UHUHndY	DATE			
		9I dYWHX'	N			
		J Yf]ZUVY	Y			
		6`]bXUVY	N			
		K Ufb]b[`FUb[Y				
		9ffc'FUb[Y				
		7 cXY]gh				
		8]W]cbUfm				
	F1_3	3. Date of Birth				
		8 UHUHndY	DATE			
		9I dYWHX'	N			
		J Yf]ZUVY	Y			
		6`]bXUVY	N			
		K Ufb]b[`FUb[Y				
		9ffc'FUb[Y				
		7 cXY]gh				
		8]W]cbUfm				

DfcltW`8 YZb]hcb'F Ydcfh

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AcXi `Yg_

AcXi `Y	8 YgW]d]cb	? Ymi%	? Ymi&	? Ymi'	? Ymi(8 UH @j Y
F1	EN-Form 1: Enrollment Confirmation					3
	#Ya	8 YgW]d]cb				(continued)
F1_4	4. Gender					
	8 UH HrdY	CHAR		(1)		
	9I dYWHX'	N				
	J Yf]ZUVY	Y				
	6`]bXUVY	N				
	K Ufb]b['FUb[Y					
	9ffc'FUb[Y					
	7 cXY]gh	GENDER	WRN	Press [List] for a list of valid entries		
	8]W]cbUfm					
F1_5	5. Diabetes Mellitus					
	8 UH HrdY	CHAR		(1)		
	9I dYWHX'	N				
	J Yf]ZUVY	Y				
	6`]bXUVY	N				
	K Ufb]b['FUb[Y					
	9ffc'FUb[Y					
	7 cXY]gh	DIAB_MEL	WRN	Press [List] for a list of valid entries		
	8]W]cbUfm					
F1_6	6. Hypertension					
	8 UH HrdY	CHAR		(1)		
	9I dYWHX'	N				
	J Yf]ZUVY	Y				
	6`]bXUVY	N				
	K Ufb]b['FUb[Y					
	9ffc'FUb[Y					
	7 cXY]gh	HYPERT	WRN	Press [List] for a list of valid entries		
	8]W]cbUfm					

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AcXi `Yg_

AcXi `Y	8 YgW]d]hcb	? Ymi%	? Ymi&	? Ymi'	? Ymi(8 UHU@j Y
F1	EN-Form 1: Enrollment Confirmation					3
	#Ya	8 YgW]d]hcb				(continued)
F1_7A	a. Age greater than 40 years AND					
	8 UHUHndY	CHAR	(1)			
	9I dYWHX	N				
	J Yf]ZUVY	Y				
	6`]bXUVY	N				
	K Ufb]b[`FUb[Y					
	9ffc`FUb[Y					
	7 cXY]gh	YORN	WRN	Press [List] for a list of valid entries		
	8]W]cbUfm					
F1_7B	b. Confirmed history of hypertension					
	8 UHUHndY	CHAR	(1)			
	9I dYWHX	N				
	J Yf]ZUVY	Y				
	6`]bXUVY	N				
	K Ufb]b[`FUb[Y					
	9ffc`FUb[Y					
	7 cXY]gh	YORN	WRN	Press [List] for a list of valid entries		
	8]W]cbUfm					
F1_8A	a. Subject with class I antiarrhythmic					
	8 UHUHndY	CHAR	(1)			
	9I dYWHX	N				
	J Yf]ZUVY	Y				
	6`]bXUVY	N				
	K Ufb]b[`FUb[Y					
	9ffc`FUb[Y					
	7 cXY]gh	YORN	WRN	Press [List] for a list of valid entries		
	8]W]cbUfm					

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AcXi `Yg_

AcXi `Y	8 YgW]d]h]cb	? Ymi%	? Ymi&	? Ymi'	? Ymi(8 UHU @]j Y
F1	EN-Form 1: Enrollment Confirmation					3
	#]Ya	8 YgW]d]h]cb				(continued)
	F1_8B	b. Subject with pacemaker				
		8 UHU HndY	CHAR	(1)		
		9I dYWHX	N			
		J Yf]Z]UVY	Y			
		6`]bXUVY	N			
		K Ufb]b[`FUb[Y				
		9ffc`FUb[Y				
		7 cXY]gh	YORN	WRN	Press [List] for a list of valid entries	
		8]W]cbUfm				
	F1_8C	c. Subject with ICD device				
		8 UHU HndY	CHAR	(1)		
		9I dYWHX	N			
		J Yf]Z]UVY	Y			
		6`]bXUVY	N			
		K Ufb]b[`FUb[Y				
		9ffc`FUb[Y				
		7 cXY]gh	YORN	WRN	Press [List] for a list of valid entries	
		8]W]cbUfm				
	F1_8D	d. Subject with cardiac resynchronization				
		8 UHU HndY	CHAR	(1)		
		9I dYWHX	N			
		J Yf]Z]UVY	Y			
		6`]bXUVY	N			
		K Ufb]b[`FUb[Y				
		9ffc`FUb[Y				
		7 cXY]gh	YORN	WRN	Press [List] for a list of valid entries	
		8]W]cbUfm				

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AcXi `Yg_

AcXi `Y	8 YgW]d]cb	? Ymi%	? Ymi&	? Ymi'	? Ymi(8 UH @j Y
F1	EN-Form 1: Enrollment Confirmation					3
	#Ya	8 YgW]d]cb				(continued)
F1_8E	e. Subject has a history of chronic atri					
	8 UH HrdY	CHAR		(1)		
	9I dYWHX	N				
	J Yf]ZUVY	Y				
	6 `]bXUVY	N				
	K Ufb]b['FUb[Y					
	9ffc'FUb[Y					
	7 cXY]gh	YORN	WRN		Press [List] for a list of valid entries	
	8]W]cbUfm					
F1_8F	f. Female subject of childbearing potent					
	8 UH HrdY	CHAR		(1)		
	9I dYWHX	N				
	J Yf]ZUVY	Y				
	6 `]bXUVY	N				
	K Ufb]b['FUb[Y					
	9ffc'FUb[Y					
	7 cXY]gh	YORN	WRN		Press [List] for a list of valid entries	
	8]W]cbUfm					
F1_8G	g. Subject participating in other clinic					
	8 UH HrdY	CHAR		(1)		
	9I dYWHX	N				
	J Yf]ZUVY	Y				
	6 `]bXUVY	N				
	K Ufb]b['FUb[Y					
	9ffc'FUb[Y					
	7 cXY]gh	YORN	WRN		Press [List] for a list of valid entries	
	8]W]cbUfm					

DfcltWt`8 YZb]hcb`F Ydcfh

DfcltWt`.<9AC# G

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AcXi `Yg_

AcXi `Y	8 YgW]d]cb	? Ymi%	? Ymi&	? Ymi'	? Ymi(8 UH @j Y
F1	EN-Form 1: Enrollment Confirmation					3

#Ya	8 YgW]d]cb	(continued)
------------	-------------------	--------------------

F1_8H	h. Subject unable to cooperate with the	
	8 UH HndY	CHAR (1)
	9I dYWHX	N
	J Yf]ZUVY	Y
	6`]bXUVY	N
	K Ufb]b[`FUb[Y	
	9ffc`FUb[Y	
	7 cXY]gh	YORN WRN Press [List] for a list of valid entries
	8]W]cbUfm	

F1_8I	i. Subject who refuses to sign the conse	
	8 UH HndY	CHAR (1)
	9I dYWHX	N
	J Yf]ZUVY	Y
	6`]bXUVY	N
	K Ufb]b[`FUb[Y	
	9ffc`FUb[Y	
	7 cXY]gh	YORN WRN Press [List] for a list of valid entries
	8]W]cbUfm	

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F1A	EN-Form 1A: Enrollment Confirmation					3
	Item	Description				
	F1A1	Subject Identification Number				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F1A2	Date Consent Signed				
		Data Type	DATE			
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F1A3	Date of Birth				
		Data Type	DATE			
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F1A	EN-Form 1A: Enrollment Confirmation					3
	Item	Description	(continued)			
	F1A4	Gender				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F1A5	Diabetes Mellitus				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	DIAB_MEL	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F1A6	Hypertension				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	HYPERT	WRN	Press [List] for a list of valid entries	
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F1A	EN-Form 1A: Enrollment Confirmation					3
	Item	Description				(continued)
	F1A7_1	1:				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F1A7_2	2:				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F1A7_3	3:				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F1A	EN-Form 1A: Enrollment Confirmation					3
	Item	Description				(continued)
	F1A7_4	4:				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F1A7_5	5:				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F1A7_6	6:				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F1A	EN-Form 1A: Enrollment Confirmation					3
	Item	Description				(continued)
	F1A7_7	7:				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F1A7_8	8:				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F1A7_9	9:				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

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F2	EN-Baseline Medical Evaluation/Demograph					3
	Item	Description				
	F2A2	Hyperlipidemia				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	HYPERLIP	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F2A3	Primary cause of ESRD				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	ESRD	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F2A3S	Other, specify:				
		Data Type	CHAR	(150)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F2	EN-Baseline Medical Evaluation/Demograph					3
	Item	Description				(continued)
	F2A4	Date of First Dialysis				
		Data Type	DATE			
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F2A4_D	Day				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F24A_M	Month				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F2	EN-Baseline Medical Evaluation/Demograph					3
	Item	Description	(continued)			
	F24A_Y	Year				
		Data Type	CHAR	(4)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F2A5A	Cigarette Smoker: Any time in the past				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YN	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F2A5B	Cigarette Smoker: Currently Smoking				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YN	WRN	Press [List] for a list of valid entries	
		Dictionary				

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Modules

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F2	EN-Baseline Medical Evaluation/Demograph					3
	Item	Description	(continued)			
	F2A5C	Total Amount in Pack - Years (packs/Day)				
		Data Type	NUMBER	(4,1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F2A6	NYHA Functional Classification III				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	NYHA	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F2A7_D	Date of most recent CHF Inpatient Hosp.				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F2	EN-Baseline Medical Evaluation/Demograph					3
	Item	Description	(continued)			
	F2A7_M	Month				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F2A7_Y	Year				
		Data Type	CHAR	(4)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F2A8	Ventricular Arrhythmias in the past				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YNU	WRN	Press [List] for a list of valid entries	
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F2	EN-Baseline Medical Evaluation/Demograph					3
	Item	Description	(continued)			
	F2A9	Atrial Arrhythmias in the Past				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	ATR_ARR	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F2A10A_D	date of ejection fraction evaluation				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F2A10A_M	Month				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F2	EN-Baseline Medical Evaluation/Demograph					3
	Item	Description	(continued)			
	F2A10A_Y	Year				
		Data Type	CHAR	(4)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F2A10B	Quantitated LV-ejection fraction (%)				
		Data Type	NUMBER	(2,0)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F2A10C	Measurement method of ejection fraction				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	EJC_FRAC	WRN	Press [List] for a list of valid entries	
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F2	EN-Baseline Medical Evaluation/Demograph					3
	Item	Description	(continued)			
	F2A10C_O	Specify				
		Data Type	CHAR	(30)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F2A11A	Number of PCI Revascularization Procedur				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	NUM_PROC	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F2A11B_D	Date of most recent PCI Revascularizatio				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F2	EN-Baseline Medical Evaluation/Demograph					3
	Item	Description	(continued)			
	F2A11B_M	Month				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F2A11B_Y	Year				
		Data Type	CHAR	(4)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F2A12A	Number of CABG Revascularization Perform				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	NUM_PROC	WRN	Press [List] for a list of valid entries	
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F2	EN-Baseline Medical Evaluation/Demograph					3
	Item	Description				(continued)
	F2A12B_D	Date of Most Recent CABG Revascularizati				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F2A12B_M	Month				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F2A12B_Y	Year				
		Data Type	CHAR	(4)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

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F2	EN-Baseline Medical Evaluation/Demograph					3
	Item	Description	(continued)			
	F2A13A	Q-wave MI Confirmed by 12-lead ECG				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YNU	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F2A13B_D	Date of Most Recent Q-wave Myocardial In				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F2A13B_M	month				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F2	EN-Baseline Medical Evaluation/Demograph					3
	Item	Description	(continued)			
	F2A13B_Y	year				
		Data Type	CHAR	(4)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F2A14A	Evidence of LVH				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YNU	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F2A14B	LV Mass (grams)				
		Data Type	NUMBER	(3,0)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F2	EN-Baseline Medical Evaluation/Demograph					3
	Item	Description	(continued)			
	F2A15	Number of hospitalizations for any cardi				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	HOSPITAL	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F2A16	Cerebrovascular Accident				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YNU	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F2A17	Pericardial Disease				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YNU	WRN	Press [List] for a list of valid entries	
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F2	EN-Baseline Medical Evaluation/Demograph					3
	Item	Description	(continued)			
	F2A18	Valvular Disease (indicate primary type)				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	VAL_DIS	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F2A19A	Diastolic Dysfunction				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YNU	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F2A19B	Degree of Dysfunction				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	DEG_DYS	WRN	Press [List] for a list of valid entries	
		Dictionary				

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F2	EN-Baseline Medical Evaluation/Demograph					3
	Item	Description	(continued)			
	F2A20	Pulmonary Hypertension above 40 mm/Hg				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YNU	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F2A21	Racial Category				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	RACE	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F2A22	Ethnic Category				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	ETHNIC	WRN	Press [List] for a list of valid entries	
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F2	EN-Baseline Medical Evaluation/Demograph					3
	Item	Description	(continued)			
	F2A23	Marital Status				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist Dictionary	MARITAL	WRN	Press [List] for a list of valid entries	
	F2A24	Employment Status at time of Enrollment				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist Dictionary	EMPLOY	WRN	Press [List] for a list of valid entries	

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F3	EN-Laboratory Data Prior to Hemodialysis					3
	Item	Description				
	F3_1B	Name Code				
		Data Type	CHAR	(4)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F3_2	Date Blod Drawn (mm dd yyyy)				
		Data Type	DATE			
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F3_3	Sodium (mEq/dL)				
		Data Type	NUMBER	(3,0)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F3	EN-Laboratory Data Prior to Hemodialysis					3
	Item	Description	(continued)			
	F3_4	Potassium (mEq/dL)				
		Data Type	NUMBER	(2,1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F3_5	Chloride (mEq/dL)				
		Data Type	NUMBER	(3,0)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F3_6	Bicarbonite (mEq/dL)				
		Data Type	NUMBER	(2,0)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F3	EN-Laboratory Data Prior to Hemodialysis					3
	Item	Description				(continued)
	F3_7	Anion Gap				
		Data Type	NUMBER	(2,0)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F3_8	Blood Urea Nitrogen (mg/dL)				
		Data Type	NUMBER	(3,0)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F3_9	Creatinine (mg/dL)				
		Data Type	NUMBER	(3,1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F3	EN-Laboratory Data Prior to Hemodialysis					3
	Item	Description				(continued)
	F3_10	Glucose (mg/dL)				
		Data Type	NUMBER	(3,0)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F3_11	Calcium (mg/dL)				
		Data Type	NUMBER	(3,1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F3_12	Phosphate (mg/dL)				
		Data Type	NUMBER	(3,1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F3	EN-Laboratory Data Prior to Hemodialysis					3
	Item	Description				(continued)
F3_13	Calcium Phosphate Product					
	Data Type	NUMBER	(3,1)			
	Expected	N				
	Verifiable	Y				
	Blindable	N				
	Warning Range					
	Error Range					
	Codelist					
	Dictionary					
F3_14	Albumin (g/dL)					
	Data Type	NUMBER	(2,1)			
	Expected	N				
	Verifiable	Y				
	Blindable	N				
	Warning Range					
	Error Range					
	Codelist					
	Dictionary					
F3_15	Hemoglobin (g/dL)					
	Data Type	NUMBER	(3,1)			
	Expected	N				
	Verifiable	Y				
	Blindable	N				
	Warning Range					
	Error Range					
	Codelist					
	Dictionary					

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F3	EN-Laboratory Data Prior to Hemodialysis					3
	Item	Description	(continued)			
	F3_16	Hematocrit				
		Data Type	NUMBER	(3,1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F3_17A	Date Obtained (mm dd yyyy)				
		Data Type	DATE			
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F3_17B	Ferritin ng/mL				
		Data Type	NUMBER	(4,0)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F3	EN-Laboratory Data Prior to Hemodialysis					3
	Item	Description				(continued)
	F3_17C	Transferrin saturation %				
		Data Type	NUMBER	(2,0)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F3_18A	Date Parathyroid Obtained (mm dd yyyy)				
		Data Type	DATE			
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F3_18B	i-Pth. Parathyroid (pg/ml)				
		Data Type	NUMBER	(4,0)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F3	EN-Laboratory Data Prior to Hemodialysis					3
	Item	Description	(continued)			
	F3_19	Date Last Derived Parameters Obtained				
		Data Type	DATE			
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F3_20	Kt/V				
		Data Type	NUMBER	(3,2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F3_21	URR				
		Data Type	NUMBER	(4,2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F3	EN-Laboratory Data Prior to Hemodialysis					3
	Item	Description				(continued)
	F3_22	nPCR				
		Data Type	NUMBER	(3,2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F4	EN-Medications at Time of Holter Record					3
	Item	Description				
	F4_A_NM	A. Generic Name				
		Data Type	CHAR	(60)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary	MEDLIST	Column	DSCR	
		Error Type	WRN	Message	Press [List] for a list of valid entries	
	F4_A_CD	Drug Code (CDC Use)				
		Data Type	CHAR	(4)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary	MEDLIST	Column	CODE	
		Error Type	WRN	Message	Press [List] for a list of valid entries	
	F4_A_DOS	Dose				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F4	EN-Medications at Time of Holter Record					3
	Item	Description				(continued)
	F4_A_UNI	Units				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_A_FRQ	Frequency (QH)				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_A_ST	Dose taken within 24 hours before start?				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YNU	WRN	Press [List] for a list of valid entries	
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F4	EN-Medications at Time of Holter Record					3
	Item	Description	(continued)			
	F4_A_REC	Was dose taken during recording?				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YNU	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F4_B_NM	Generic Name				
		Data Type	CHAR	(45)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_B_CD	Drug Code				
		Data Type	CHAR	(4)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F4	EN-Medications at Time of Holter Record					3
	Item					(continued)
	F4_B_DOS	Dose				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_B_UNI	Units				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_B_FRQ	Frequency (QH)				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F4	EN-Medications at Time of Holter Record					3
	Item	Description	(continued)			
	F4_B_ST	Was dose taken within 24 hours before st				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YNU	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F4_B_REC	Was dose taken during recording?				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YNU	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F4_C_NM	Generic Name				
		Data Type	CHAR	(45)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F4	EN-Medications at Time of Holter Record					3
	Item	Description				(continued)
	F4_C_CD	Drug Code				
		Data Type	CHAR	(4)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_C_DOS	Dose				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_C_UNI	Units				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F4	EN-Medications at Time of Holter Record					3
	Item	Description				(continued)
	F4_C_FRQ	Frequency (QH)				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_C_ST	Was dose taken within 24 hours before st				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YNU	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F4_C_REC	What dose taken during the recording?				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YNU	WRN	Press [List] for a list of valid entries	
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F4	EN-Medications at Time of Holter Record					3
	Item	Description				(continued)
	F4_D_NM	Generic Name				
		Data Type	CHAR	(45)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_D_CD	Drug Code				
		Data Type	CHAR	(4)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_D_DOS	Dose				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F4	EN-Medications at Time of Holter Record					3
	Item	Description	(continued)			
	F4_D_UNI	Units				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_D_FRQ	Frequency				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_D_ST	Was dose taken within 24 hours before st				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YNU	WRN	Press [List] for a list of valid entries	
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F4	EN-Medications at Time of Holter Record					3
	Item	Description	(continued)			
	F4_D_REC	Was dose taken during the recording?				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YNU	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F4_E_NM	Generic Name				
		Data Type	CHAR	(45)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_E_DC	Drug Code				
		Data Type	CHAR	(4)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F4	EN-Medications at Time of Holter Record					3
	Item	Description				(continued)
	F4_E_DOS	Dose				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_E_UNI	Units				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_E_FRQ	Frequency (QH)				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F4	EN-Medications at Time of Holter Record					3
	Item	Description	(continued)			
	F4_E_ST	Was dose taken within 24 hours before st				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YNU	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F4_E_REC	Was dose taken during the recording?				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YNU	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F4_F_NAM	Generic Name				
		Data Type	CHAR	(45)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F4	EN-Medications at Time of Holter Record					3
	Item	Description				(continued)
	F4_F_DC	Drug Code				
		Data Type	CHAR	(4)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_F_DOS	Dose				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_F_UNI	Units				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F4	EN-Medications at Time of Holter Record					3
	Item	Description	(continued)			
	F4_F_FRQ	Frequency				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_F_ST	Was dose taken within 24 hours before st				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YNU	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F4_F_REC	Was dose taken during the recording?				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YNU	WRN	Press [List] for a list of valid entries	
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F4_INFO	EN-Medications at Time of Holter Recordi	F4_NUM				3
	Item	Description				
	F4_NAME	Generic Name				
		Data Type	CHAR	(60)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary	MEDLIST	Column DSCR		
		Error Type WRN	Message	Press [List] for a list of valid entries		
	F4_NUM	Number				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_CODE	Drug Code				
		Data Type	CHAR	(4)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary	MEDLIST	Column CODE		
		Error Type WRN	Message	Press [List] for a list of valid entries		

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F4_INFO	EN-Medications at Time of Holter Recordi	F4_NUM				3
	Item	Description				(continued)
	F4_DOSE	Dose				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_UNITS	Units				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F4_FREQ	Frequency				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F4_INFO	EN-Medications at Time of Holter Recordi	F4_NUM				3

Item	Description					(continued)
------	-------------	--	--	--	--	-------------

F4_TK_ST	Was dose taken within 24 hours before st				
	Data Type	CHAR	(1)		
	Expected	N			
	Verifiable	Y			
	Blindable	N			
	Warning Range				
	Error Range				
	Codelist				
	Dictionary				

F4_TK_RC	Was dose taken during the recording?				
	Data Type	CHAR	(1)		
	Expected	N			
	Verifiable	Y			
	Blindable	N			
	Warning Range				
	Error Range				
	Codelist				
	Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F4_VISIT	EN-Medications at Tme of Holter Recordin	F4_DT				3
	Item	Description				
	F4_DT	Date Information Obtained				
		Data Type	DATE			
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F5	EN-Holter Application					3
	Item	Description				
	F5_1B	Name Code				
		Data Type	CHAR	(4)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F5_2A	Date Holter Recording Applied				
		Data Type	DATE			
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F5_2B_1	Time Holter Recording Started				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	TM_HR	WRN	Press [List] for a list of valid entries	
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F5	EN-Holter Application					3
	Item	Description	(continued)			
	F5_2B_2	min				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	TM_MIN	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F5_2C	Date Holter Recording Removed				
		Data Type	DATE			
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F5_3A_1	Time Dialysis Started				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	TM_HR	WRN	Press [List] for a list of valid entries	
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F5	EN-Holter Application					3
	Item	Description	(continued)			
	F5_3A_2	min				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	TM_MIN	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F5_3B_1	Time Dialysis Ended				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	TM_HR	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F5_3B_2	min				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	TM_MIN	WRN	Press [List] for a list of valid entries	
		Dictionary				

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F5	EN-Holter Application					3
	Item	Description	(continued)			
	F5_4_1	Wake up time Within 24 Hours of Dialysis				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	TM_HR	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F5_4_2	min				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	TM_MIN	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F5_5	Date Holter Data Card Delivered to Heart				
		Data Type	DATE			
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F5	EN-Holter Application					3
	Item	Description				(continued)
	F5_COMM	Diary Comments				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F6	EN-Holter Data Core Laboratory Evaluatio					3
	Item	Description				
	F6_1B	Name Code				
		Data Type	CHAR	(4)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F6_2	Date Data Received				
		Data Type	DATE			
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F6_3_1	Duration of Recording				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	TM_DUR	WRN	Press [List] for a list of valid entries	
		Dictionary				

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Modules

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F6	EN-Holter Data Core Laboratory Evaluatio					3
	Item	Description	(continued)			
	F6_3_2	min				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	TM_MIN	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F6_4	Holter Analysis Status				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	HOLT_STA	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F6_40	Other				
		Data Type	CHAR	(50)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F6	EN-Holter Data Core Laboratory Evaluatio					3
	Item	Description	(continued)			
	F6_5	Does Holter need to be reacquired?				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	HOLT_RE	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F6_COMM	Comments				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F7	EN-Dialysis Treatment					3
	Item	Description				
	F7_1B	Name Code				
		Data Type	CHAR	(4)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F7_2	Date of Dialysis Treatment				
		Data Type	DATE			
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F7_3A	Dialysis Membrane				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	DIA_MEM	WRN	Press [List] for a list of valid entries	
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F7	EN-Dialysis Treatment					3
	Item	Description	(continued)			
	F7_3AO	Specify				
		Data Type	CHAR	(50)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F7_3B	Sodium Bath Concentration (millimolar)				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	SOD_BATH	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F7_3BO	Specify				
		Data Type	CHAR	(50)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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F7	EN-Dialysis Treatment					3
	Item	Description	(continued)			
	F7_3C	Potassium Bath Concentration (millimolar)				
		Data Type	NUMBER	(1,0)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F7_3D	Bicarbonate Bath Concentration (millimol)				
		Data Type	NUMBER	(2,0)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F7_3E	Calcium Bath Concentration (millimolar)				
		Data Type	NUMBER	(2,1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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F7	EN-Dialysis Treatment					3
	Item	Description	(continued)			
	F7_3F	Dialysis Access				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	DIA_ACC	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F7_4A_SY	Systolic Blood Pressure				
		Data Type	NUMBER	(3,0)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F7_4A_DI	Diastolic Blood Pressure				
		Data Type	NUMBER	(3,0)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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F7	EN-Dialysis Treatment					3
	Item	Description	(continued)			
	F7_4B	Heart Rate (bpm)				
		Data Type	NUMBER	(3,0)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F7_4C	Height (cm)				
		Data Type	NUMBER	(3,0)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F7_4D	Ideal Body Weight				
		Data Type	NUMBER	(4,1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F7	EN-Dialysis Treatment					3
	Item	Description	(continued)			
	F7_4E	Prior Post-Dialysis Weight				
		Data Type	NUMBER	(4,1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F7_4F	Pre-Dialysis Weight				
		Data Type	NUMBER	(4,1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F7_4G	Post-Dialysis Weight				
		Data Type	NUMBER	(4,1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F7	EN-Dialysis Treatment					3
	Item	Description	(continued)			
	F7_4H	Post-Dialysis Blood Pressure				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F7_5A_1	Total Length of Treatment (hh:mm)				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F7_5A_2	min				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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F7	EN-Dialysis Treatment					3
	Item	Description	(continued)			
	F7_5B	Net Fluid Removed (L)				
		Data Type	NUMBER	(2,1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F7_5C	Blood Product Type				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	BLD_PROD	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F7_5D	Blood Product Administration Problems				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	BLD_ADMI	WRN	Press [List] for a list of valid entries	
		Dictionary				

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F7	EN-Dialysis Treatment					3
	Item	Description	(continued)			
	F7_5D_OT	Specify Other				
		Data Type	CHAR	(128)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F7_5E	Oxygen Administration During Dialysis				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YN	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F7_5F	Additional IV Fluids Administered During				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YN	WRN	Press [List] for a list of valid entries	
		Dictionary				

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F7	EN-Dialysis Treatment					3
	Item	Description	(continued)			
	F7_5F_OT	Specify Other				
		Data Type	CHAR	(128)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F7_5G	Pre Dialysis Weight post Holter Removal				
		Data Type	NUMBER	(4,1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F7_5H	Pre Dialysis Blood Pressure Post Holter				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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F7	EN-Dialysis Treatment					3
	Item	Description	(continued)			
	F7_6	Symptoms Reported During Dialysis				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	YN	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F7_6A	Chest Pain				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	CHEST_PN	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F7_6B	Shortness of Breath				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	SHORT_BR	WRN	Press [List] for a list of valid entries	
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F7	EN-Dialysis Treatment					3
	Item	Description	(continued)			
	F7_6C	Nausea/vomiting				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	NAUSEA	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F7_6D	Fever/chills				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	FEVER	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F7_6E	Abdominal pain				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	AB_PAIN	WRN	Press [List] for a list of valid entries	
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F7	EN-Dialysis Treatment					3
	Item	Description	(continued)			
	F7_6F	Muscle Cramps				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	MC_CRAMP	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F7_6G	Dizziness				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	DIZZY	WRN	Press [List] for a list of valid entries	
		Dictionary				
	F7_6H	Headache				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	HEADACHE	WRN	Press [List] for a list of valid entries	
		Dictionary				

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F7	EN-Dialysis Treatment					3
	Item	Description	(continued)			
	F7_6I	Other				
		Data Type	CHAR	(1)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist Dictionary	OTHER	WRN	Press [List] for a list of valid entries	
	F7_6IO	Specify				
		Data Type	CHAR	(40)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				
	F8_A_TM	Time (Use 24 hr clock - hr:min)				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_A_BP	Blood Pressure (systolic / diastolic)				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_A_PUL	Pulse (bpm)				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_A_BD	BFR / DFR				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_A_COM	Relevant Comments/Observations				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_B_TM	Time				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_B_BP	Blood Pressure				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_B_PUL	Pulse				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_B_BD	BFR / DFR				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description	(continued)			
	F8_B_COM	Relevant Comments/Observations				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_C_TM	Time				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_C_BP	Blood Pressure				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_C_PUL	Pulse				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_C_BD	BFR / DFR				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_C_COM	Relevant Comments/Observations				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item					(continued)
	F8_D_TM					
	Time					
	Data Type	CHAR		(5)		
	Expected	N				
	Verifiable	Y				
	Blindable	N				
	Warning Range					
	Error Range					
	Codelist					
	Dictionary					
	F8_D_BP					
	Blood Pressure					
	Data Type	CHAR		(7)		
	Expected	N				
	Verifiable	Y				
	Blindable	N				
	Warning Range					
	Error Range					
	Codelist					
	Dictionary					
	F8_D_PUL					
	Pulse					
	Data Type	CHAR		(3)		
	Expected	N				
	Verifiable	Y				
	Blindable	N				
	Warning Range					
	Error Range					
	Codelist					
	Dictionary					

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_D_BD	BFR / DFR				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_D_COM	Relevant Comments/Observations				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_E_TM	Time				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_E_BP	Blood Pressure				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_E_PUL	Pulse				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_E_BD	BFR / DFR				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description	(continued)			
	F8_E_COM	Relevant Comments/Observations				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_F_TM	Time				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_F_BP	Blood Pressure				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description	(continued)			
	F8_F_PUL	Pulse				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_F_BD	BFR / DFR				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_F_COM	Relevant Comments/Observations				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_G_TM	Time				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_G_BP	Blood Pressure				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_G_PUL	Pulse				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_G_BD	BFR / DFR				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_G_COM	Relevant Comments/Observations				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_H_TM	Time				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_H_BP	Blood PResure				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_H_PUL	Pulse				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_H_BD	BFR / DFR				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_H_COM	Relevant Comments/Observations				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_I_TM	Time				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_I_BP	Blood Pressure				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_I_PUL	Pulse				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_I_BD	BFR / DFR				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_I_COM	Relevant Comments/Observations				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_J_TM	Time				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_J_BP	Blood Pressure				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_J_PUL	Pulse				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_J_BD	BFR / DFR				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_J_COM	Relevant Comments/Observations				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_K_TM	Time				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_K_BP	Blood Pressure				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_K_PUL	Pulse				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_K_BD	BFR / DFR				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description	(continued)			
	F8_K_COM	Relevant Comments/Observations				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_L_TM	Time				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_L_BP	Blood Pressure				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_L_PUL	Pulse				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_L_BD	BFR / DFR				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_L_COM	Relevant Comments/Observations				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_M_TM	Time				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_M_BP	Blood Pressure				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_M_PUL	Pulse				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_M_BD	BFR / DFR				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_M_COM	Relevant Comments/Observations				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_N_TM	Time				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_N_BP	Blood Pressureq				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_N_PUL	Pulse				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_N_BD	BFR / DFR				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_N_COM	Relevant Comments/Observations				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_O_TM	Time				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_O_BP	Blood Pressure				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_O_PUL	Pulse				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_O_BD	BFR / DFR				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_O_COM	Relevant Comments/Observations				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_P_TM	Time				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_P_BP	Blood Pressure				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_P_PUL	Pulse				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_P_BD	BFR / DFR				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_P_COM	Relevant Comments/Observations				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_Q_TM	Time				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description				(continued)
	F8_Q_BP	Blood Pressure				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_Q_PUL	Pulse				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_Q_BD	BFR / DFR				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description	(continued)			
	F8_Q_COM	Relevant Comments/Observations				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_R_TM	Time				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_R_BP	Blood Pressure				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item	Description	(continued)			
	F8_R_PUL	Pulse				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_R_BD	BFR / DFR				
		Data Type	CHAR	(7)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_R_COM	Relevant Comments/Observations				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3
	Item					(continued)
	F8_S_TM					
	Time					
	Data Type	CHAR		(5)		
	Expected	N				
	Verifiable	Y				
	Blindable	N				
	Warning Range					
	Error Range					
	Codelist					
	Dictionary					
	F8_S_BP					
	Blood Pressure					
	Data Type	CHAR		(7)		
	Expected	N				
	Verifiable	Y				
	Blindable	N				
	Warning Range					
	Error Range					
	Codelist					
	Dictionary					
	F8_S_PUL					
	Pulse					
	Data Type	CHAR		(3)		
	Expected	N				
	Verifiable	Y				
	Blindable	N				
	Warning Range					
	Error Range					
	Codelist					
	Dictionary					

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8	EN-Parameters Recorded During Dialysis					3

Item	Description					(continued)
------	-------------	--	--	--	--	-------------

F8_S_BD	BFR / DFR				
	Data Type	CHAR	(7)		
	Expected	N			
	Verifiable	Y			
	Blindable	N			
	Warning Range				
	Error Range				
	Codelist				
	Dictionary				

F8_S_COM	Relevant Comments/Observations				
	Data Type	CHAR	(240)		
	Expected	N			
	Verifiable	Y			
	Blindable	N			
	Warning Range				
	Error Range				
	Codelist				
	Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8_INFO	EN-Parameters Recorded During Dialysis	F8_NUM				3
	Item	Description				
	F8_NUM	Number				
		Data Type	CHAR	(2)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_TM	Time (use 24 hr clock)				
		Data Type	CHAR	(5)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_BP_SY	Blood Pressure: Systolic				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8_INFO	EN-Parameters Recorded During Dialysis	F8_NUM				3
	Item	Description				(continued)
	F8_BP_DI	Blood Pressure: Diastolic				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_PULSE	Pulse				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_BFR	BFR				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8_INFO	EN-Parameters Recorded During Dialysis	F8_NUM				3
	Item	Description				(continued)
	F8_DFR	DFR				
		Data Type	CHAR	(3)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F8_COM	Comments				
		Data Type	CHAR	(80)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F8_VISIT	EN-Parameters Recorded During Dialysis					3
	Item	Description				
	F8_DT	Date of Dialysis Treatment				
		Data Type	DATE			
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F9	EN-Subject Withdrawal Status					3
	Item	Description				
	F9_1B	Name Code				
		Data Type	CHAR	(4)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F9_2	Date Information Obtained (mm dd yyyy)				
		Data Type	DATE			
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				
	F9_3	Reason for Inactive Status				
		Data Type	NUMBER	(1,0)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist	INACT_ST	WRN	Press [List] for a list of valid entries	
		Dictionary				

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Modules

Module	Description	Key 1	Key 2	Key 3	Key 4	Data Level
F9	EN-Subject Withdrawal Status					3
	Item	Description				(continued)
	F9_30	Other				
		Data Type	CHAR	(240)		
		Expected	N			
		Verifiable	Y			
		Blindable	N			
		Warning Range				
		Error Range				
		Codelist				
		Dictionary				

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Codelists

Codelist	Description	Type	Max Code Size	Max Decode Size
AB_PAIN	Abdominal Pain	C	1	15
	Code	Description		
	1	Abdominal Pain		
ATR_ARR	Atrial Arrhythmias	C	1	40
	Code	Description		
	0	None		
	1	Atrial fibrillation/Atrial flutter		
	2	SVT		
	9	Unknown		
BLD_ADMI	Blood Product Administration Problems	C	1	25
	Code	Description		
	0	None		
	1	Yes, no complications		
	2	Yes, complications		
	8	Not given		
BLD_PROD	Blood Product Type	C	1	30
	Code	Description		
	0	None		
	1	Packed Cells		
	2	Other		
CHEST_PN	Chest Pain	C	1	10
	Code	Description		
	1	Chest Pain		

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Codelists

<u>Codelist</u>	<u>Description</u>	<u>Type</u>	<u>Max Code Size</u>	<u>Max Decode Size</u>
DAYS	Days of the Month	C	2	2
	<u>Code</u>	<u>Description</u>		
	01	01		
	02	02		
	03	03		
	04	04		
	05	05		
	06	06		
	07	07		
	08	08		
	09	09		
	10	10		
	11	11		
	12	12		
	13	13		
	14	14		
	15	15		
	16	16		
	17	17		
	18	18		
	19	19		
	20	20		
	21	21		
	22	22		
	23	23		
	24	24		
	25	25		

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Codelists

Codelist	Description	Type	Max Code Size	Max Decode Size
DAYS	Days of the Month	C	2	2
	Code			Description
	26			(continued)
	27			
	28			
	29			
	30			
	31			
DEG_DYS	Degree of Dysfunction	C	1	20
	Code			Description
	1			Mild
	2			Moderate
	3			Severe
	8			Not Applicable
	9			Unknown
DIAB_MEL	Diabetes Mellitus	C	1	40
	Code			Description
	0			No diabetes mellitus
	1			Type I
	2			Type II not requiring treatment
	3			Type II requiring treatment
	9			Unknown
DIA_ACC	Dialysis Access	C	1	15
	Code			Description
	1			Fistula
	2			Graft
	3			Catheter

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Codelists

Codelist	Description	Type	Max Code Size	Max Decode Size
DIA_MEM	Dialysis Membrane	C	1	15
	Code	Description		
	1	F180		
	2	Other		
DIZZY	Dizziness	C	1	15
	Code	Description		
	1	Dizziness		
EJC_FRAC	Measurement of ejection fraction	C	1	40
	Code	Description		
	1	Echocardiogram		
	2	Left ventriculography (angiogram)		
	3	Gated blood pool scan (MUGA)		
	4	MRI		
	5	Other		
	9	Unknown		
EMPLOY	Employment Status	C	1	40
	Code	Description		
	0	Unemployed		
	1	Employed (Full-time)		
	2	Employed (Part-time)		
	3	Disabled		
	4	Retired (Not working)		
	5	Homemaker		

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Codelists

Codelist	Description	Type	Max Code Size	Max Decode Size
ESRD	Primary Cause of ESRD	C	1	40
	Code	Description		
	1	Diabetes		
	2	Hypertension		
	3	Glomerular nephritis		
	4	Polycystic Kidney Disease		
ETHNIC	Ethnicity	C	1	40
	Code	Description		
	0	Not Hispanic or Latino		
	1	Hispanic of Latino		
	9	Unknown or not required		
FEVER	Fever/Chills	C	1	15
	Code	Description		
	1	Fever/Chills		
GENDER	Gender	C	1	10
	Code	Description		
	1	Male		
	2	Female		
HEADACHE	Headache	C	1	12
	Code	Description		
	1	Headache		
HOLT_RE	Does Holter need to be reacquired	C	1	40
	Code	Description		
	0	No - does not need to be reacquired		
	1	Yes - reacquired per call to enrolling		
	2	Not able to reacquire per call		

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Codelists

<u>Codelist</u>	<u>Description</u>	<u>Type</u>	<u>Max Code Size</u>	<u>Max Decode Size</u>
HOLT_STA	Holter Analysis Status	C	1	40
	Code	Description		
	1	Sinus rhythm		
	2	Paced		
	3	Atrial fibrillation/atrial flutter		
	4	Bad Quality		
	7	Other		
HOSPITAL	Number of Hospitalizations for cardiac	C	1	15
	Code	Description		
	0	0		
	1	1		
	2	2		
	3	3		
	4	4		
	5	5		
	6	6		
	7	7		
	8	8 or more		
	9	Unknown		
HYPERLIP	Hyperlipidemia	C	1	40
	Code	Description		
	0	No hyperlipidemia		
	1	Not requiring medication		
	2	Requiring Medication		
	9	Unknown		

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Codelists

Codelist	Description	Type	Max Code Size	Max Decode Size
HYPERT	Hypertension	C	1	40
	Code	Description		
	0	No hypertension		
	1	Not requiring medication		
	2	Requiring Medication		
	9	Unknown		
INACT_ST	Reason for Inactive Status	N	1	40
	Code	Description		
	1	Verbally refused any further contact		
	2	Stopped Holter recording prematurely		
	3	Withdrawn by physician		
	4	Other		
MARITAL	Marital Status	C	1	40
	Code	Description		
	1	Married		
	2	Single, never married		
	3	Common-law		
	4	Divorced		
	5	Seperated		
	6	Widowed		
MC_CRAMP	Muscle Cramps	C	1	15
	Code	Description		
	1	Muscle Cramps		

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Codelists

Codelist	Description	Type	Max Code Size	Max Decode Size
MONTHS	Months of the Year	C	2	10
	Code	Description		
	01	January		
	02	February		
	03	March		
	04	April		
	05	May		
	06	June		
	07	July		
	08	August		
	09	September		
	10	October		
	11	November		
	12	December		
NAUSEA	Nausea/Vomiting	C	1	15
	Code	Description		
	1	Nausea/Vomiting		

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Codelists

<u>Codelist</u>	<u>Description</u>	<u>Type</u>	<u>Max Code Size</u>	<u>Max Decode Size</u>
NUM_PROC	Number of Procedures performed	C	1	25
	Code	Description		
	0	0		
	1	1		
	2	2		
	3	3		
	4	4		
	5	5		
	6	6		
	7	7		
	8	8 or more		
	9	Unknown		
NYHA	NYHA Functional Classification III	C	1	40
	Code	Description		
	0	No history of CHF		
	1	Class I		
	2	Class II		
	3	Class III		
	4	Class IV		
	9	Unknown		
OTHER	Other	C	1	10
	Code	Description		
	1	Other		

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Codelists

Codelist	Description	Type	Max Code Size	Max Decode Size																						
PCI	PCI Revascularization Procedures	C	1	40																						
	<table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td></tr> <tr><td>8</td><td>8 or more</td></tr> <tr><td>9</td><td>Unknown</td></tr> </tbody> </table>	Code	Description	0	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8 or more	9	Unknown			
Code	Description																									
0	0																									
1	1																									
2	2																									
3	3																									
4	4																									
5	5																									
6	6																									
7	7																									
8	8 or more																									
9	Unknown																									
RACE	Racial Category	C	1	40																						
	<table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr><td>1</td><td>White</td></tr> <tr><td>2</td><td>Black/African American</td></tr> <tr><td>3</td><td>Asian</td></tr> <tr><td>4</td><td>American Indian/Alaska Native</td></tr> <tr><td>5</td><td>Native Hawaiian / other Pacific Islande</td></tr> <tr><td>6</td><td>More than one race</td></tr> <tr><td>9</td><td>Unknown or not reported</td></tr> </tbody> </table>	Code	Description	1	White	2	Black/African American	3	Asian	4	American Indian/Alaska Native	5	Native Hawaiian / other Pacific Islande	6	More than one race	9	Unknown or not reported									
Code	Description																									
1	White																									
2	Black/African American																									
3	Asian																									
4	American Indian/Alaska Native																									
5	Native Hawaiian / other Pacific Islande																									
6	More than one race																									
9	Unknown or not reported																									
RC_AMERI	American Indian / Alaska Native	C	2	40																						
	<table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr><td>03</td><td>American Indian / Pacific Islander</td></tr> </tbody> </table>	Code	Description	03	American Indian / Pacific Islander																					
Code	Description																									
03	American Indian / Pacific Islander																									
RC_ASIAN	Asian	C	2	15																						
	<table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr><td>05</td><td>Asian</td></tr> </tbody> </table>	Code	Description	05	Asian																					
Code	Description																									
05	Asian																									

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Codelist	Description	Type	Max Code Size	Max Decode Size
RC_BLACK	Black	C	2	15
	Code	Description		
	04	Black		
RC_PACIS	Native Hawaiian / Pacific Islander	C	2	40
	Code	Description		
	02	Native Hawaiian / Pacific Islander		
RC_UNK	Unknown	C	2	14
	Code	Description		
	99	Unknown		
RC_WHITE	White	C	2	15
	Code	Description		
	01	White		
SHORT_BR	Shortness of Breath	C	1	20
	Code	Description		
	1	Shortness of Breath		
SOD_BATH	Sodium Bath Concentration	C	1	15
	Code	Description		
	1	Constant		
	2	Linear		
	3	Other		

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<u>Codelist</u>	<u>Description</u>	<u>Type</u>	<u>Max Code Size</u>	<u>Max Decode Size</u>
TM_DUR	Duration	C	2	2
	Code	Description		
	1	01		
	10	10		
	11	11		
	12	12		
	13	13		
	14	14		
	15	15		
	16	16		
	17	17		
	18	18		
	19	19		
	2	02		
	20	20		
	21	21		
	22	22		
	23	23		
	24	24		
	25	25		
	26	26		
	27	27		
	28	28		
	29	29		
	3	03		
	30	30		
	31	31		

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Codelists

Codelist	Description	Type	Max Code Size	Max Decode Size
TM_DUR	Duration	C	2	2
	Code			
	Description			
	32			(continued)
	33			
	34			
	35			
	36			
	37			
	38			
	39			
	4			
	40			
	41			
	42			
	43			
	44			
	45			
	46			
	47			
	48			
	49			
	5			
	50			
	6			
	7			
	8			
	9			

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<u>Codelist</u>	<u>Description</u>	<u>Type</u>	<u>Max Code Size</u>	<u>Max Decode Size</u>
TM_HR	Hours	C	2	2
	<u>Code</u>	<u>Description</u>		
	1	01		
	10	10		
	11	11		
	12	12		
	13	13		
	14	14		
	15	15		
	16	16		
	17	17		
	18	18		
	19	19		
	2	02		
	20	20		
	21	21		
	22	22		
	23	23		
	24	24		
	3	03		
	4	04		
	5	05		
	6	06		
	7	07		
	8	08		
	9	09		

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Codelists

<u>Codelist</u>	<u>Description</u>	<u>Type</u>	<u>Max Code Size</u>	<u>Max Decode Size</u>
TM_MIN	Minutes	C	2	2
	<u>Code</u>	<u>Description</u>		
	00	00		
	1	1		
	10	10		
	11	11		
	12	12		
	13	13		
	14	14		
	15	15		
	16	16		
	17	17		
	18	18		
	19	19		
	2	2		
	20	20		
	21	21		
	22	22		
	23	23		
	24	24		
	25	25		
	26	26		
	27	27		
	28	28		
	29	29		
	3	3		
	30	30		

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<u>Codelist</u>	<u>Description</u>	<u>Type</u>	<u>Max Code Size</u>	<u>Max Decode Size</u>
TM_MIN	Minutes	C	2	2
	Code	Description	(continued)	
	31	31		
	32	32		
	33	33		
	34	34		
	35	35		
	36	36		
	37	37		
	38	38		
	39	39		
	4	4		
	40	40		
	41	41		
	42	42		
	43	43		
	44	44		
	45	45		
	46	46		
	47	47		
	48	48		
	49	49		
	5	5		
	50	50		
	51	51		
	52	52		
	53	53		

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Codelist	Description	Type	Max Code Size	Max Decode Size
TM_MIN	Minutes	C	2	2
	Code	Description		(continued)
	54	54		
	55	55		
	56	56		
	57	57		
	58	58		
	59	59		
	6	6		
	7	7		
	8	8		
	9	9		
VAL_DIS	Valvular Disease	C	1	40
	Code	Description		
	0	None		
	1	Aortic stenosis		
	2	Aortic regurgitation		
	3	Mitral regurgitation		
	4	Mitral stenosis		
	9	Unknown		

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Codelist	Description	Type	Max Code Size	Max Decode Size
YEARS	List of Years	C	4	4
	Code			Description
	2009			2009
	2010			2010
	2011			2011
	2012			2012
	2013			2013
	2014			2014
	2015			2015
YN	Yes or No	C	1	3
	Code			Description
	0			No
	1			Yes
YNU	Yes or No or Unknown	C	1	15
	Code			Description
	0			No
	1			Yes
	9			Unknown
YORN	Yes or No	C	1	3
	Code			Description
	0			No
	1			Yes