

8.0: Chronic Events - Overview

A. CSSCD Forms (collection) and Datasets (storage) Relating to Events:

<u>Form #</u>	<u>Name of Form</u>	<u>Collected</u>	<u>Patient Population</u>	<u>SAS Dataset</u>
62	Renal Complications	03/01/79- 05/31/86	All	R62.SD2
		06/01/86- 09/30/88	Patients Entered at < 6 Months of Age	
70	Renal Complications Follow-up Form (Hematuria and Urinary Tract Infection)	10/01/82- 05/31/86	All	R70.SD2
		06/01/86- 09/30/88	Patients Entered at < 6 Months of Age	
71	Renal Complications Follow-up Form (Proteinuria and Renal Insufficiency)	10/01/82- 05/31/86	All	R71.SD2
		06/01/86- 09/30/88	Patients Entered at < 6 Months of Age	
64	Aseptic Necrosis	03/01/79- 05/31/86	All	R64.SD2
		06/01/86- 09/30/88	Patients Entered at < 6 Months of Age	
"65"	Aseptic Necrosis Central Review Results	—————	All with aseptic necrosis reported on a form 64 prior to 7/83.	R65.SD2
60	Leg Ulceration	03/01/79- 05/31/86	All	R60.SD2
		06/01/86- 09/30/88	Patients Entered at < 6 Months of Age	
66	Ocular Complications	03/01/79- 05/31/86	All	R66.SD2
		06/01/86- 09/30/88	Patients Entered at < 6 Months of Age	
50, 50E, 57	Priapism	***SEE SECTION 7.8***		

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B. Definitions of Chronic Events:

Renal Complications (See Section 8.1)

- Hematuria
A history of gross hematuria confirmed by a member of the medical team or > 20 RBC/HPF from urinalysis
- Urinary Tract Infection
> 20 WBC/HPF in an uncontaminated clean catch urine specimen or urine culture resulting in the growth of more than 10^5 colonies/ml.
- Persistent Proteinuria (nephrotic syndrome)
3+, 4+ protein reaction on two consecutive early AM urine specimens measured by dip stick on the absence of gross hematuria.
- Renal Insufficiency

Prior to 10/82:

Two consecutive determinations of creatinine > 1.5 mg/dl for patients over 10 years of age, or > 0.8 for patients less than ten years of age, followed by creatinine clearance < 100 ml/min/1.73 m.

After 10/82:

A 20% increase in serum creatinine followed by a two-hour creatinine clearance of < 100 cc/minute.

Aseptic Necrosis (See Section 8.2)

- Early radiographic findings of sub-epiphyseal lucency and widening of a joint space or late radiographic changes of flattening of the epiphysis and sclerosis with fragmentation.

Leg Ulcers (See Section 8.3):

- Ulceration of the skin of the lower legs, especially the medial or lateral surfaces, which fails to heal in a period of two weeks.

Ocular Complications (See Section 8.4)

- Suspected Stage III retinopathy (nonvascular capillary buds at the site of arteriolar-venular anatomoses)
- A two line visual loss since the last examination
- Changes in the macula

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Chronic Priapism (Section 7.8)

- A semi-erection of the penis which has not completely disappeared for a month (originally diagnosed as acute priapism)
- More than one episode of acute priapism

8.1.1: Renal Complications – Form 62

- A. List of variables deleted **F62DATE F62INIT F62NDATE F62LASTU F62LASTE
F62ESTAT F62VDATE F62DFC F62FCB F62DBLAD F62IVPDT F62BIODT
F62PEB F62URDT1 F62BUNDT F62SCDT F62URADT F62CBCDT F62ASODT
F62URCD1-F62URCD3 F62URDT2 F62CCDT**
- B. List of variables modified **NONE**
- C. List of variables modified with a name change **NONE**
- D. Old name
- E. New name
- F. List of variables modified date to days since DOE
- G. Old name **F62DATE F62DBLAD F62IVPDT F62BIODT F62URDT1
F62BUNDT F62SCDT F62URADT F62ASODT F62URCD1-F62URCD3
F62URDT2 F62CCDT**
- H. New name **JF62DATE J62DBLAD J62IVPDT J62BIODT J62URDT1
J62BUNDT JF62SCDT J62URADT J62ASODT J62URCD1-J62URCD3
J62URDT2 JF62CCDT**
- I. Collection Information:

Form 62 (Renal Complications) was to be completed when any of the following occurred:

1. Hematuria: a history of gross hematuria, confirmed by a member of the medical team or > 20 RBC/HPF from urinalysis.
2. Urinary Tract Infection (UTI): > 20 WBC/HPF in an uncontaminated clean catch urine specimen or urine culture resulting in the growth of more than 10⁵ colonies/ml.
3. Persistent Proteinuria (Nephrotic Syndrome): 3+ or 4+ protein reaction on two consecutive early AM urine specimens measured by dip stick in the absence of gross hematuria.
4. Renal Insufficiency: two consecutive determinations of creatinine > 1.5 mg/dl for patients over 10 years of age or > 0.8 for patients less than 10 years of age, followed by creatinine clearance < 100 ml/min/1.73m. After 10/82, the definition was modified as follows: a 20% increase in serum creatinine followed by a two hour creatinine clearance of < 100cc/min.

8.1.1: Renal Complications – Form 62

Prior to October 1982, Form 62 was used for both initial and follow-up visits for renal complications. The schedule for follow-up visits prior to 10/82 is summarized below:

- Hematuria
 - a) a yearly follow-up was to be done for a repeat episode of hematuria;
 - b) renal papillary necrosis was to be followed every three months until the condition was stable and then every six months.
- Urinary Tract Infection

UTI was to be followed at three months and at six months. If the condition had not resolved or recurred, the patient was to be seen every three months.
- Persistent Proteinuria

The patient was to be seen every three months until the condition became stable and then every six months.
- Renal Insufficiency

The patient was to be seen every month until the condition became stable and then every six months.

After 10/82, Form 62 continued to be used for only the initial visit for a renal Complication. Form 70 was used for follow-up of hematuria and urinary tract Infections (See Section 8.1.2) and Form 71 was used for follow-up of preteinuria and renal insufficiency (See Section 8.1.3).

J. Data Collection Period: 03/79 – 09/88

Form 62 was used between 03/79 and 06/86 for all patients and continued to be used for patients entered at < 6 months of age through 09/88.

K. Form Version Dates: 08/03/82

L. Files Used to Store Information:

SAS System File: **R62.SD2**

Format File: **R62.FMT**

M. Unique Record Identifiers: **ANONID, F62DATE**

Records within the SAS dataset are sorted by **ANONID** and **F62DATE**.

N. Number of Observations (Patients) in SAS Dataset: 673 (416)

8.1.1: Renal Complications – Form 62

O. Contents of SAS Dataset:

- Alphabetical Listing of Variables: See pp. 7-10
- Listing of Variables by Position: See pp. 11-14

P. Notes About Selected Variables: None

Q. Computed Variables: None

R. Inter-Relationship With Other Datasets:

1. Data from follow-up visits for renal complications were collected on

Phase 1 Forms	SAS Dataset	Complication	See Section
Form 70	R70.SD2	Hematuria, UTI	8.1.2
Form 71	R71.SD2	Proteinuria, Renal Insufficiency	8.1.3

2. Renal function test data, urinalysis, and/or urine culture results were also collected on routine visit forms:

Phase 1 Forms	SAS Dataset	See Section
Form 12	R1222.SD2	4.4
Forms 19, 20, 22, 24	R1722.SD2	4.5
Form 25	R25.SD2	4.6

3. The Acute Treatment Follow-up Form (Form 52) was required for renal events for which patients were hospitalized (See Section 7.10).
4. Other sources which collected information about renal complications are

Phase 1 Forms	SAS Dataset	See Section
Form 10	R10.SD2	2.3
Form 26	R20.SD2	10.1

8.1.1: Renal Complications – Form 62

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 CSSCD FULL COHORT PATIENTS

CONTENTS OF SAS DATASET: R62.SD2
 DATA FROM CSSCD FORM 62 - RENAL COMPLICATIONS
 VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION
 IN THE SAS DATASET AND ON FORM 62

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Data Set Name	OUT1.R62	Observations	673
Member Type	DATA	Variables	123
Engine	V9	Indexes	0
Created	14:47 Tuesday, February 6, 2007	Observation Length	968
Last Modified	14:47 Tuesday, February 6, 2007	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information

Data Set Page Size	16384
Number of Data Set Pages	44
First Data Page	2
Max Obs per Page	16
Obs in First Data Page	16
Number of Data Set Repairs	0
File Name	r62.sas7bdat
Release Created	9.0000M0
Host Created	XP_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	ANONID	Char	8	ANONYMIZED ID #
36	F62ABDOM	Num	8	INJURY TO ABDOMEN
46	F62ACODE	Num	8	ANTIBIOTICS CODE
45	F62ANTIB	Num	8	ANTIBIOTICS
87	F62ASO	Num	8	ASO UNITS
53	F62BIOP	Num	8	PREVIOUS RENAL BIOPSY
33	F62BLAD	Num	8	BLADDER-KIDNEY INFECTIONS
78	F62BUN	Num	8	BUN MG-DL
29	F62BURN	Num	8	BURNING-FREQUENCY-URGENCY
81	F62CBCHB	Num	8	CBC HB
82	F62CBCHC	Num	8	CBC HCT
85	F62CBCMV	Num	8	CBC MCV
83	F62CBCRB	Num	8	CBC RBC
84	F62CBCWB	Num	8	CBC WBC
86	F62CBMCH	Num	8	CBC MCH PICA GRAMS
109	F62CC	Num	8	2 HOUR CREATININE CLEARANCE ML-MIN
27	F62CLOUD	Num	8	CLOUDY URINE
79	F62CRTN	Num	8	SERUM CREATININE
64	F62CVATE	Num	8	CVA TENDERNESS

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CSSCD FULL COHORT PATIENTS

28	F62DARK	Num	8	URINE DARKER
15	F62DAYS1	Num	8	DAYS PAIN LASTED
18	F62DAYS2	Num	8	DAYS PAIN LASTED
21	F62DAYS3	Num	8	DAYS PAIN LASTED
24	F62DAYS4	Num	8	DAYS PAIN LASTED
32	F62DBURN	Num	8	DATE DBURN BURNING EPISODE
44	F62DCODE	Num	8	DIURETIC CODE
59	F62DIA	Num	8	BLOOD PRESSURE - DIASTOLIC

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Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
43	F62DIUR	Num	8	DIURETICS
42	F62DRUGS	Num	8	DRUG THERAPY
63	F62EDOTH	Num	8	EDEMA-OTHER
62	F62EDPED	Num	8	EDEMA-PEDAL
61	F62EDPER	Num	8	EDEMA-PERIORBITAL
2	F62EVENT	Num	8	OTHER SPECIAL EVENT FORMS
37	F62EXERT	Num	8	UNUSUALLY HARD PHYSICAL EXERTION
35	F62FBLAD	Num	8	FREQUENCY OF BLADDER INFECTION
31	F62FBURN	Num	8	FREQUENCY OF BURNING
38	F62FEVER	Num	8	FEVER
4	F62FLANK	Num	8	FLANK OR PELVIC PAIN
5	F62FLSIT	Num	8	# OF SITES
67	F62GENIT	Num	8	EXTERNAL GENITALIA
34	F62HBLAD	Num	8	EVER HAD BLADDER-KIDNEY INFECTIONS
30	F62HBURN	Num	8	EVER HAD BURNING BEFORE
14	F62HOUR1	Num	8	HOURS PAIN LASTED
17	F62HOUR2	Num	8	HOURS PAIN LASTED
20	F62HOUR3	Num	8	HOURS PAIN LASTED
23	F62HOUR4	Num	8	HOURS PAIN LASTED
40	F62INFEC	Num	8	OTHER INFECTIONS
51	F62IVP	Num	8	PREVIOUS IVP
6	F62LOC1	Char	3	LOCATION OF PAIN
8	F62LOC2	Char	3	LOCATION OF PAIN
10	F62LOC3	Char	3	LOCATION OF PAIN
12	F62LOC4	Char	3	LOCATION OF PAIN
54	F62MRBIO	Num	8	MEDICAL RECORDS FOR BIOPSY
52	F62MRIVP	Num	8	MEDICAL RECORDS OBTAINED FOR IVP
48	F62NCODE	Num	8	NEPHROTOXIC DRUG CODE
47	F62NEPHR	Num	8	NEPHROTOXIC DRUGS
50	F62OCODE	Num	8	OTHER DRUG CODE
49	F62ODRUG	Num	8	OTHER DRUGS
68	F62OPF	Num	8	OTHER PHYSICAL FINDINGS
90	F62ORGA1	Num	8	URINE CULTURE 1 ORGANISM 1
94	F62ORGA2	Num	8	URINE CULTURE 2 ORGANISM 1
98	F62ORGA3	Num	8	URINE CULTURE 3 ORGANISM 1
91	F62ORGB1	Num	8	URINE CULTURE 1 ORGANISM 2
95	F62ORGB2	Num	8	URINE CULTURE 2 ORGANISM 2
99	F62ORGB3	Num	8	URINE CULTURE 3 ORGANISM 2
66	F62PELVC	Num	8	PELVIC EXAM
57	F62PULSE	Num	8	BEATS PER MINUTE
26	F62RED	Num	8	RED URINE
39	F62RST	Num	8	RECURRENT SORE THROAT
7	F62SEV1	Num	8	SEVERITY OF PAIN
9	F62SEV2	Num	8	SEVERITY OF PAIN
11	F62SEV3	Num	8	SEVERITY OF PAIN
13	F62SEV4	Num	8	SEVERITY OF PAIN
65	F62SPTEN	Num	8	SUPRAPUBIC TENDERNESS

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41	F62STREP	Num	8	STREPTOCOCCAL AND-OR OTHER INFECTIONS
58	F62SYS	Num	8	BLOOD PRESSURE -SYSTOLIC
55	F62TMP	Num	8	TEMPERATURE
56	F62TMPH	Num	8	HOW TEMPERATURE TAKEN
3	F62TYPE	Num	8	TYPE OF COMPLICATION

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Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
80	F62URA	Num	8	URIC ACID
77	F62URCH1	Num	8	URINALYSIS 1 MICROSCOPIC CASTS-HPF
108	F62URCH2	Num	8	URINALYSIS 2 MICROSCOPIC CASTS-HPF
88	F62URDN1	Num	8	URINE CULTURE 1 DONE
92	F62URDN2	Num	8	URINE CULTURE 2 DONE
96	F62URDN3	Num	8	URINE CULTURE 3 DONE
73	F62URGL1	Num	8	URINALYSIS 1 GLUCOSE
104	F62URGL2	Num	8	URINALYSIS 2 GLUCOSE
76	F62URMC1	Num	8	URINALYSIS 1 MICROSCOPIC CASTS
107	F62URMC2	Num	8	URINALYSIS 2 MICROSCOPIC CASTS
74	F62URMR1	Num	8	URINALYSIS 1 MICROSCOPIC > 20 RBC
105	F62URMR3	Num	8	URINALYSIS 2 MICROSCOPIC > 20 RBC
75	F62URMW1	Num	8	URINALYSIS 1 MICROSCOPIC >20 WBC
106	F62URMW3	Num	8	URINALYSIS 2 MICROSCOPIC >20 WBC
71	F62URPH1	Num	8	URINALYSIS 1 PH
102	F62URPH2	Num	8	URINALYSIS 2 PH
89	F62URPN1	Num	8	URINE CULTURE 1 RESULTS
93	F62URPN2	Num	8	URINE CULTURE 2 RESULTS
97	F62URPN3	Num	8	URINE CULTURE 3 RESULTS
72	F62URPR1	Num	8	URINALYSIS 1 PROTEIN
103	F62URPR2	Num	8	URINALYSIS 2 PROTEIN
69	F62URRC1	Num	8	URINALYSIS 1 RED COLOR
100	F62URRC2	Num	8	URINALYSIS 2 RED COLOR
70	F62URSG1	Num	8	URINALYSIS 1 SPECIFIC GRAVITY
101	F62URSG2	Num	8	URINALYSIS 2 SPECIFIC GRAVITY
60	F62WGT	Num	8	WEIGHT
16	F62WKS1	Num	8	WEEKS PAIN LASTED
19	F62WKS2	Num	8	WEEKS PAIN LASTED
22	F62WKS3	Num	8	WEEKS PAIN LASTED
25	F62WKS4	Num	8	WEEKS PAIN LASTED
118	J62ASODT	Num	8	ASO DATE - RECODE DAYS SINCE DOE
113	J62BIODT	Num	8	LATEST RENAL BIOPSY DATE - RECODE DAYS SINCE DOE
115	J62BUNDT	Num	8	BUN DATE - RECODE DAYS SINCE DOE
111	J62DBLAD	Num	8	DATE FIRST BLADDER INFECTION - RECODE DAYS SINCE DOE
112	J62IVPDT	Num	8	LATEST IVP DATE - RECODE DAYS SINCE DOE
117	J62URADT	Num	8	URIC ACID DATE - RECODE DAYS SINCE DOE
119	J62URCD1	Num	8	URINE CULTURE 1 DATE - RECODE DAYS SINCE DOE
120	J62URCD2	Num	8	URINE CULTURE 2 DATE - RECODE DAYS SINCE DOE
121	J62URCD3	Num	8	URINE CULTURE 3 DATE - RECODE DAYS SINCE DOE
114	J62URDT1	Num	8	URINALYSIS 1 DATE - RECODE DAYS SINCE DOE
122	J62URDT2	Num	8	URINALYSIS 2 DATE - RECODE DAYS SINCE DOE
123	JF62CCDT	Num	8	CREATININE CLEARANCE DATE - RECODE DAYS SINCE DOE
110	JF62DATE	Num	8	DATE PATIENT SEEN - RECODE DAYS SINCE DOE
116	JF62SCDT	Num	8	SERUM CREATININE DATE - RECODE DAYS SINCE DOE

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```
*****  
*****  
* R62.FMT contains value labels for numerical codes assigned to  
categorical*  
* variables in the SAS dataset R62.SD2  
*  
*****  
*****;
```

```
* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD 07/26/99 09:16:11;
```

```
PROC FORMAT;
```

```
* FORMAT F62TYPE IS DEFINED FOR VARIABLE F62TYPE;
```

```
VALUE F62TYPE
```

- 1 = 'HEMATURIA'
- 2 = 'URINARY TRACT INFECTION'
- 3 = 'PROTEINURIA'
- 4 = 'RENAL INSUFFICIENCY';

```
* FORMAT NO_YES IS DEFINED FOR VARIABLES F62DRUGS F62DIUR F62ANTIB  
F62NEPHR F62ODRUG  
F62MRIVP F62MRBIO F62EDPER  
F62EDPED F62EDOTH  
F62CVATE F62SPTEN F62OPF;
```

```
VALUE NO_YES
```

- 1 = 'NO'
- 2 = 'YES';

```
* FORMAT N_DK_Y IS DEFINED FOR VARIABLES F62FLANK F62RED F62CLOUD  
F62DARK F62BURN  
F62HBURN F62BLAD F62HBLAD  
F62ABDOM F62EXERT  
F62FEVER F62RST F62INFEC  
F62IVP F62BIOP;
```

```
VALUE N_DK_Y
```

- 1 = 'NO'
- 2 = 'DK'
- 3 = 'YES';

```
* FORMAT SEVERITY IS DEFINED FOR VARIABLES F62SEV1 F62SEV2 F62SEV3  
F62SEV4;
```

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VALUE SEVERITY

1 = 'MILD'
2 = 'MODERATE'
3 = 'SEVERE';

* FORMAT FREQ IS DEFINED FOR VARIABLES F62FBURN F62FBLAD;

VALUE FREQ

1 = 'ONCE A MONTH'
2 = 'ONCE A YEAR'
3 = 'LESS THAN ONCE A YEAR';

* FORMAT F62STREP IS DEFINED FOR VARIABLE F62STREP;

VALUE F62STREP

1 = 'STREPTOCOCCAL'
2 = 'OTHER';

* FORMAT F62TMPH IS DEFINED FOR VARIABLE F62TMPH;

VALUE F62TMPH

1 = 'ORAL'
2 = 'RECTAL';

* FORMAT NORM_ABN IS DEFINED FOR VARIABLES F62PELVC F62GENIT;

VALUE NORM_ABN

1 = 'NORMAL'
2 = 'ABNORMAL';

* FORMAT PRES_ABS IS DEFINED FOR VARIABLES F62URRC1 F62URMR1 F62URMW1
F62URMC2
F62URMC1 F62URRC2 F62URMR3
F62URMW3;

VALUE PRES_ABS

1 = 'PRESENT'
2 = 'ABSENT';

* FORMAT PROTEIN IS DEFINED FOR VARIABLES F62URPR1 F62URPR2;

VALUE PROTEIN

1 = 'NEG.'

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2 = 'TRACE'
3 = '1+'
4 = '2+'
5 = '3+'
6 = '4+';

* FORMAT GLUCOSE IS DEFINED FOR VARIABLES F62URGL1 F62URGL2;

VALUE GLUCOSE

1 = 'NEG.'
2 = '1+'
3 = '2+'
4 = '3+'
5 = '4+';

* FORMAT DONE IS DEFINED FOR VARIABLES F62URDN1 F62URDN2 F62URDN3;

VALUE DONE

1 = 'DONE'
2 = 'NOT DONE' ;

* FORMAT POS_NEG IS DEFINED FOR VARIABLES F62URPN1 F62URPN2 F62URPN3;

VALUE POS_NEG

1 = 'POSITIVE'
2 = 'NEGATIVE' ;

* FORMAT F62URCH IS DEFINED FOR VARIABLES F62URCH1 F62URCH2;

VALUE F62URCH

1 = 'RBC(1)'
2 = 'WBC(2)'
4 = 'GRANULAR(4)'
8 = 'HYALINE(8)'
16 = 'NONE(16)';

* FORMAT F62TYPE F62TYPE.

F62DRUGS F62DIUR F62ANTIB F62NEPHR F62ODRUG
F62MRIVP F62MRBIO F62EDPER F62EDPED F62EDOTH
F62CVATE F62SPTEN F62OPF NO_YES.
F62FLANK F62RED F62CLOUD F62DARK F62BURN
F62HBURN F62BLAD F62HBLAD F62ABDOM F62EXERT
F62FEVER F62RST F62INFEC F62IVP F62BIOP N_DK_Y.
F62SEV1 F62SEV2 F62SEV3 F62SEV4 SEVERITY.
F62FBURN F62FBLAD FREQ.
F62STREP F62STREP.
F62TMPH F62TMPH.
F62PELVC F62GENIT NORM_ABN.

SECTION 8.1.1 RENAL COMPLICATIONS

FORM 62

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F62URRC1 F62URMR1 F62URMW1 F62URMC2
F62URMC1 F62URRC2 F62URMR3 F62URMW3 PRES_ABS.
F62URPR1 F62URPR2 PROTEIN.
F62URGL1 F62URGL2 GLUCOSE.
F62URDN1 F62URDN2 F62URDN3 DONE.
F62URPN1 F62URPN2 F62URPN3 POS_NEG.
F62URCH1 F62URCH2 F62URCH. ;

RUN ;
QUIT ;

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 CSSCD FULL COHORT PATIENTS

F62EVNT1 ----- OTHER SPECIAL EVENT FORM 1

type: numeric (float)

range: [6,90] units: 1

unique values: 28 coded missing: 401 / 673

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	1	6		9	52
	1	13		12	53
	3	20		63	54
	1	25		1	56
	47	30		1	58
	9	32		2	60
	2	33		4	62
	4	34		2	68
	1	36		4	70
	1	39		3	71
	1	42		6	82
	4	46		5	83
	53	48		22	84
	3	49		7	90

F62EVNT1:

1. COMPUTED VARIABLE: F62EVNT1=int(F62EVENT/1000000), not saved in R62.SD2.
2. See APPENDIX L for FORM CODES.

F62EVNT2 ----- OTHER SPECIAL EVENT FORM 2

type: numeric (float)

range: [0,90] units: 1

unique values: 24 coded missing: 401 / 673

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	164	0		11	49
	1	7		7	52
	2	30		9	54
	12	31		1	62
	8	32		1	64
	4	33		2	70
	5	34		1	80
	1	35		1	81
	2	36		1	82
	1	42		6	83
	2	46		19	84
	10	48		1	90

F62EVNT2:

1. COMPUTED VARIABLE: F62EVNT2=int((F62EVENT-F62EVNT1*1000000)/10000), not saved in R62.SD2.
2. See APPENDIX L for FORM CODES.

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F62EVNT3 ----- OTHER SPECIAL EVENT FORM 3

type: numeric (float)
 range: [0,90] units: 1
 unique values: 19 coded missing: 401 / 673

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	213	0		5	48
	1	25		2	49
	2	31		8	52
	4	32		1	54
	1	33		2	62
	4	34		1	82
	1	35		2	83
	1	40		15	84
	5	46		3	90
	1	47			

F62EVNT3:

1. COMPUTED VARIABLE:
 F62EVNT3=int((F62EVENT-F62EVNT1*1000000-F62EVNT2*10000)/100), not saved
 in R62.SD2.
2. See APPENDIX L for FORM CODES.

F62EVNT4 ----- OTHER SPECIAL EVENT FORM 4

type: numeric (float)
 range: [0,96] units: 1
 unique values: 13 coded missing: 401 / 673

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	244	0		6	48
	1	4		2	56
	1	26		1	68
	1	30		1	72
	4	32		7	84
	2	36		1	96
	1	46			

F62EVNT4:

1. COMPUTED VARIABLE:
 F62EVNT4=(F62EVENT-F62EVNT1*1000000-F62EVNT2*10000-F62EVNT3*100), not
 saved in R62.SD2.
2. See APPENDIX L for FORM CODES.

F62TYPE ----- TYPE OF COMPLICATION

type: numeric (float)
 label: F62TYPE
 range: [1,4] units: 1
 unique values: 4 coded missing: 2 / 673

tabulation:	Freq.	Numeric	Label
	70	1	HEMATURIA
	505	2	URINARY TRACT INFECTION
	56	3	PROTEINURIA
	40	4	RENAL INSUFFICIENCY

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F62FLANK ----- FLANK OR PELVIC PAIN

type: numeric (float)
 label: F62FLANK

range: [1,3] units: 1
 unique values: 3 coded missing: 4 / 673

tabulation:	Freq.	Numeric	Label
	446	1	NO
	18	2	DK
	205	3	YES

F62FLSIT ----- # OF SITES

type: numeric (float)

range: [1,6] units: 1
 unique values: 6 coded missing: 479 / 673

tabulation:	Freq.	Value
	103	1
	56	2
	20	3
	10	4
	3	5
	2	6

F62FLSIT:

1. Required only if F62FLANK=3.

F62LOC1 ----- LOCATION OF PAIN

type: string (str3)

unique values: 42 coded missing: 484 / 673

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	1	"404"		8	"H04"		1	"R20"
	1	"A01"		3	"H05"		1	"S21"
	1	"D03"		6	"H06"		1	"S22"
	1	"D25"		7	"H14"		2	"T24"
	2	"E05"		1	"H15"		13	"U25"
	1	"F05"		4	"H16"		4	"U26"
	1	"F16"		1	"H27"		2	"U27"
	6	"G04"		1	"H32"		4	"U28"
	1	"G05"		13	"I04"		3	"U29"
	2	"G06"		18	"I05"		2	"V26"
	16	"G14"		3	"I06"		1	"V27"
	9	"G15"		1	"I16"		1	"W29"
	8	"G16"		1	"J05"		1	"Z31"
	1	"G25"		2	"M04"		33	"Z32"

F62LOC1:

1. Required only if F62FLANK=3.
2. See APPENDIX F - BODY LOCATOR CHARTS / SITE CODE LISTS.

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F62SEV1 ----- SEVERITY OF PAIN

type: numeric (float)
 label: F62SEV1

range: [1,3] units: 1
 unique values: 3 coded missing: 484 / 673

tabulation:	Freq.	Numeric	Label
	36	1	MILD
	101	2	MODERATE
	52	3	SEVERE

F62SEV1:

1. Required only if F62FLANK=3.

F62LOC2 ----- LOCATION OF PAIN

type: string (str3)

unique values: 36 coded missing: 584 / 673

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	1	"D05"		3	"H06"		1	"U27"
	1	"D07"		4	"H14"		3	"U28"
	1	"F06"		6	"H16"		4	"U29"
	1	"G03"		1	"H25"		4	"V26"
	1	"G04"		1	"I04"		2	"V27"
	1	"G05"		9	"I05"		1	"V28"
	2	"G14"		5	"I06"		1	"W28"
	1	"G15"		1	"M06"		1	"W29"
	11	"G16"		1	"S22"		1	"Y26"
	1	"G17"		1	"T23"		1	"Z21"
	4	"H04"		6	"U25"		1	"Z22"
	1	"H05"		2	"U26"		3	"Z32"

F62LOC2:

1. Required only if F62FLANK=3.
2. See APPENDIX F - BODY LOCATOR CHARTS / SITE CODE LISTS.

F62SEV2 ----- SEVERITY OF PAIN

type: numeric (float)
 label: F62SEV2

range: [1,3] units: 1
 unique values: 3 coded missing: 584 / 673

tabulation:	Freq.	Numeric	Label
	20	1	MILD
	39	2	MODERATE
	30	3	SEVERE

F62SEV2:

1. Required only if F62FLANK=3.

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F62LOC3 ----- LOCATION OF PAIN

type: string (str3)

unique values: 22

coded missing: 639 / 673

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	1	"D14"		3	"I05"		1	"U27"
	1	"G06"		3	"I06"		1	"V26"
	1	"G14"		1	"I23"		2	"V27"
	2	"G15"		1	"J05"		3	"W28"
	1	"H06"		3	"M04"		1	"W29"
	1	"H14"		1	"M06"		1	"Z22"
	2	"H16"		1	"U26"		1	"Z32"
	2	"I04"						

F62LOC3:

1. Required only if F62FLANK=3.
2. See APPENDIX F - BODY LOCATOR CHARTS / SITE CODE LISTS.

F62SEV3 ----- SEVERITY OF PAIN

type: numeric (float)

label: F62SEV3

range: [1,3]

units: 1

unique values: 3

coded missing: 637 / 673

tabulation:	Freq.	Numeric	Label
	6	1	MILD
	11	2	MODERATE
	19	3	SEVERE

F62SEV3:

1. Required only if F62FLANK=3.

F62LOC4 ----- LOCATION OF PAIN

type: string (str3)

unique values: 10

coded missing: 658 / 673

tabulation:	Freq.	Value
	1	"G06"
	1	"G16"
	1	"H15"
	1	"H16"
	2	"I05"
	1	"I06"
	1	"J04"
	3	"M06"
	2	"W28"
	2	"W29"

F62LOC4:

1. Required only if F62FLANK=3.
2. See APPENDIX F - BODY LOCATOR CHARTS / SITE CODE LISTS.

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F62SEV4 ----- SEVERITY OF PAIN

 type: numeric (float)
 label: F62SEV4

 range: [1,3] units: 1
unique values: 3 coded missing: 655 / 673

tabulation:	Freq.	Numeric	Label
	2	1	MILD
	6	2	MODERATE
	10	3	SEVERE

F62SEV4:

- 1. Required only if F62FLANK=3.

F62HOUR1 ----- HOURS PAIN LASTED

 type: numeric (float)

 range: [0,36] units: 1
unique values: 12 coded missing: 641 / 673

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	11	0		2	10
	4	1		3	12
	2	2		1	20
	1	3		3	24
	1	8		1	26
	2	9		1	36

F62HOUR1:

- 1. Required only if F62FLANK=3.

F62DAYS1 ----- DAYS PAIN LASTED

 type: numeric (float)

 range: [0,99] units: 1
unique values: 11 coded missing: 538 / 673

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	4	0		4	6
	27	1		4	7
	34	2		3	10
	27	3		1	21
	24	4		1	99
	6	5			

F62DAYS1:

- 1. Required only if F62FLANK=3.

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F62WKS1 ----- WEEKS PAIN LASTED

type: numeric (float)
range: [0,58] units: 1
unique values: 6 coded missing: 636 / 673

tabulation: Freq. Value
15 0
7 1
10 2
1 3
3 4
1 58

F62WKS1:

1. Required only if F62FLANK=3.

F62HOUR2 ----- HOURS PAIN LASTED

type: numeric (float)
range: [0,20] units: 1
unique values: 7 coded missing: 658 / 673

tabulation: Freq. Value
6 0
3 1
1 2
1 9
2 10
1 12
1 20

F62HOUR2:

1. Required only if F62FLANK=3 and F62FLSIT > 1.

F62DAYS2 ----- DAYS PAIN LASTED

type: numeric (float)
range: [0,10] units: 1
unique values: 9 coded missing: 609 / 673

tabulation: Freq. Value
3 0
8 1
18 2
14 3
11 4
3 5
4 6
2 7
1 10

F62DAYS2:

1. Required only if F62FLANK=3 and F62FLSIT > 1.

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F62WKS2 ----- WEEKS PAIN LASTED

type: numeric (float)
range: [0,8] units: 1
unique values: 4 coded missing: 660 / 673

tabulation:	Freq.	Value
	7	0
	1	1
	4	2
	1	8

F62WKS2:

1. Required only if F62FLANK=3 and F62FLSIT > 1.

F62HOUR3 ----- HOURS PAIN LASTED

type: numeric (float)
range: [0,20] units: 1
unique values: 4 coded missing: 667 / 673

tabulation:	Freq.	Value
	3	0
	1	1
	1	3
	1	20

F62HOUR3:

1. Required only if F62FLANK=3 and F62FLSIT > 2.

F62DAYS3 ----- DAYS PAIN LASTED

type: numeric (float)
range: [0,7] units: 1
unique values: 8 coded missing: 649 / 673

tabulation:	Freq.	Value
	2	0
	5	1
	7	2
	4	3
	2	4
	2	5
	1	6
	1	7

F62DAYS3:

1. Required only if F62FLANK=3 and F62FLSIT > 2.

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F62WKS3 ----- WEEKS PAIN LASTED

type: numeric (float)
range: [0,2] units: 1
unique values: 3 coded missing: 667 / 673

tabulation: Freq. Value
3 0
1 1
2 2

F62WKS3:

1. Required only if F62FLANK=3 and F62FLSIT > 2.

F62HOUR4 ----- HOURS PAIN LASTED

type: numeric (float)
range: [0,12] units: 1
unique values: 3 coded missing: 669 / 673

tabulation: Freq. Value
2 0
1 3
1 12

F62HOUR4:

1. Required only if F62FLANK=3 and F62FLSIT > 3.

F62DAYS4 ----- DAYS PAIN LASTED

type: numeric (float)
range: [1,6] units: 1
unique values: 6 coded missing: 663 / 673

tabulation: Freq. Value
4 1
2 2
1 3
1 4
1 5
1 6

F62DAYS4:

1. Required only if F62FLANK=3 and F62FLSIT > 3.

F62WKS4 ----- WEEKS PAIN LASTED

type: numeric (float)
range: [0,0] units: 0
unique values: 1 coded missing: 671 / 673

tabulation: Freq. Value
2 0

F62WKS4:

1. Required only if F62FLANK=3 and F62FLSIT > 3.

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F62RED ----- RED URINE

type: numeric (float)
label: F62RED

range: [1,3] units: 1
unique values: 3 coded missing: 37 / 673

tabulation:	Freq.	Numeric	Label
	514	1	NO
	48	2	DK
	74	3	YES

F62CLOUD ----- CLOUDY URINE

type: numeric (float)
label: F62CLOUD

range: [1,3] units: 1
unique values: 3 coded missing: 60 / 673

tabulation:	Freq.	Numeric	Label
	404	1	NO
	84	2	DK
	125	3	YES

F62DARK ----- URINE DARKER

type: numeric (float)
label: F62DARK

range: [1,3] units: 1
unique values: 3 coded missing: 61 / 673

tabulation:	Freq.	Numeric	Label
	365	1	NO
	83	2	DK
	164	3	YES

F62BURN ----- BURNING-FREQUENCY-URGENCY

type: numeric (float)
label: F62BURN

range: [1,3] units: 1
unique values: 3 coded missing: 10 / 673

tabulation:	Freq.	Numeric	Label
	399	1	NO
	23	2	DK
	241	3	YES

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F62HBURN ----- EVER HAD BURNING BEFORE

type: numeric (float)
label: F62HBURN
range: [1,3] units: 1
unique values: 3 coded missing: 394 / 673

tabulation:	Freq.	Numeric	Label
	103	1	NO
	12	2	DK
	164	3	YES

F62HBURN:

1. Required only if F62BURN=3.

F62FBURN ----- FREQUENCY OF BURNING

type: numeric (float)
label: F62FBURN
range: [1,3] units: 1
unique values: 3 coded missing: 516 / 673

tabulation:	Freq.	Numeric	Label
	29	1	ONCE A MONTH
	70	2	ONCE A YEAR
	58	3	LESS THAN ONCE A YEAR

F62FBURN:

1. Required only if F62BURN=3.

F62BLAD ----- BLADDER-KIDNEY INFECTIONS

type: numeric (float)
label: F62BLAD
range: [1,3] units: 1
unique values: 3 coded missing: 71 / 673

tabulation:	Freq.	Numeric	Label
	362	1	NO
	65	2	DK
	175	3	YES

F62HBLAD ----- EVER HAD BLADDER-KIDNEY INFECTIONS

type: numeric (float)
label: F62HBLAD
range: [1,3] units: 1
unique values: 3 coded missing: 512 / 673

tabulation:	Freq.	Numeric	Label
	9	1	NO
	5	2	DK
	147	3	YES

F62HBLAD:

1. Required only if F62BLAD=3.

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F62FBLAD ----- FREQUENCY OF BLADDER INFECTION

type: numeric (float)
label: F62FBLAD

range: [1,3] units: 1
unique values: 3 coded missing: 529 / 673

tabulation:	Freq.	Numeric	Label
	26	1	ONCE A MONTH
	63	2	ONCE A YEAR
	55	3	LESS THAN ONCE A YEAR

F62FBLAD:

1. Required only if F62BLAD=3.

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F62ABDOM ----- INJURY TO ABDOMEN

```

      type: numeric (float)
      label: F62ABDOM
      range: [1,3]
      unique values: 3
      tabulation: Freq.  Numeric  Label
                   619      1  NO
                   19       2  DK
                   27       3  YES
      units: 1
      coded missing: 8 / 673
  
```

F62EXERT ----- UNUSUALLY HARD PHYSICAL EXERTION

```

      type: numeric (float)
      label: F62EXERT
      range: [1,3]
      unique values: 3
      tabulation: Freq.  Numeric  Label
                   592      1  NO
                   26       2  DK
                   41       3  YES
      units: 1
      coded missing: 14 / 673
  
```

F62FEVER ----- FEVER

```

      type: numeric (float)
      label: F62FEVER
      range: [1,3]
      unique values: 3
      tabulation: Freq.  Numeric  Label
                   461      1  NO
                   16       2  DK
                   189      3  YES
      units: 1
      coded missing: 7 / 673
  
```

F62RST ----- RECURRENT SORE THROAT

```

      type: numeric (float)
      label: F62RST
      range: [1,3]
      unique values: 3
      tabulation: Freq.  Numeric  Label
                   590      1  NO
                   12       2  DK
                   68       3  YES
      units: 1
      coded missing: 3 / 673
  
```

F62INFEC ----- OTHER INFECTIONS

```

      type: numeric (float)
      label: F62INFEC
      range: [1,3]
      unique values: 3
      tabulation: Freq.  Numeric  Label
                   591      1  NO
                   19       2  DK
                   60       3  YES
      units: 1
      coded missing: 3 / 673
  
```

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F62STREP ----- STREPTOCOCCAL AND-OR OTHER INFECTIONS

type: numeric (float)
label: F62STREP
range: [1,3] units: 1
unique values: 3 coded missing: 613 / 673

tabulation:	Freq.	Numeric	Label
	9	1	STREPTOCOCCAL
	49	2	OTHER
	2	3	

F62STREP:

1. Required only if F62INFEC=3.

F62DRUGS ----- DRUG THERAPY

type: numeric (float)
label: F62DRUGS
range: [1,2] units: 1
unique values: 2 coded missing: 5 / 673

tabulation:	Freq.	Numeric	Label
	407	1	NO
	261	2	YES

F62DIUR ----- DIURETICS

type: numeric (float)
label: F62DIUR
range: [1,2] units: 1
unique values: 2 coded missing: 430 / 673

tabulation:	Freq.	Numeric	Label
	223	1	NO
	20	2	YES

F62DIUR:

1. Required only if F62DRUGS=2.

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F62DCODE ----- DIURETIC CODE

 type: numeric (float)
 range: [204,473] units: 1
unique values: 7 coded missing: 654 / 673

 tabulation: Freq. Value
 1 204
 1 250
 1 252
 2 275
 12 306
 1 335
 1 473

F62DCODE:

1. Required only if F62DIUR=2.
2. See APPENDIX D - CODED DRUG LIST.

F62ANTIB ----- ANTIBIOTICS

 type: numeric (float)
 label: F62ANTIB

 range: [1,2] units: 1
unique values: 2 coded missing: 421 / 673

 tabulation: Freq. Numeric Label
 125 1 NO
 127 2 YES

F62ANTIB:

1. Required only if F62DRUGS=2.

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F62ACODE ----- ANTI-BIOTICS CODE
 type: numeric (float)

 range: [21,999] units: 1
 unique values: 23 coded missing: 555 / 673

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	1	21		1	259		3	462
	1	24		2	298		4	476
	6	25		2	367		1	506
	30	28		2	369		1	554
	9	56		1	370		3	562
	1	67		22	371		1	599
	8	231		9	429		8	999
	1	254		1	430			

F62ACODE:

1. Required only if F62ANTIB=2.
2. See APPENDIX D - CODED DRUG LIST.

F62NEPHR ----- NEPHROTOXIC DRUGS
 type: numeric (float)
 label: F62NEPHR

 range: [1,2] units: 1
 unique values: 2 coded missing: 433 / 673

tabulation:	Freq.	Numeric	Label
	233	1	NO
	7	2	YES

F62NEPHR:

1. Required only if F62DRUGS=2.

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F62NCODE ----- NEPHROTOXIC DRUG CODE

type: numeric (float)
 range: [19,534] units: 1
 unique values: 9 coded missing: 660 / 673

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	1	19		1	306
	2	33		1	481
	1	231		2	528
	1	249		3	534
	1	271			

F62NCODE:

1. Required only if F62NEPHR=2.
2. See APPENDIX D - CODED DRUG LIST.

F62ODRUG ----- OTHER DRUGS

type: numeric (float)
 label: F62ODRUG
 range: [1,2] units: 1
 unique values: 2 coded missing: 424 / 673

tabulation:	Freq.	Numeric	Label
	79	1	NO
	170	2	YES

F62ODRUG:

1. Required only if F62DRUGS=2.

F62OCODE ----- OTHER DRUG CODE

type: numeric (float)
 range: [6,999] units: 1
 unique values: 54 coded missing: 515 / 673

tab:	Freq.	Value	tab:	Freq.	Value	tab:	Freq.	Value
	1	6		1	245		2	409
	2	7		49	249		1	413
	1	16		1	251		2	429
	2	21		1	254		2	448
	1	25		1	274		1	449
	2	28		2	285		2	463
	1	30		1	292		1	474
	1	109		1	304		4	480
	1	119		1	309		13	481
	1	126		1	318		2	512
	1	156		1	335		1	515
	5	171		1	338		1	516
	8	190		1	360		2	528
	5	191		1	367		1	539
	1	196		1	369		1	562
	1	217		2	375		1	576
	1	240		1	391		1	599
	1	241		1	392		16	999

F62OCODE:

1. Required only if F62ODRUG=2.
2. See APPENDIX D - CODED DRUG LIST.

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F62IVP ----- PREVIOUS IVP

type: numeric (float)
label: F62IVP

range: [1,3] units: 1
unique values: 3 coded missing: 1 / 673

tabulation:	Freq.	Numeric	Label
	454	1	NO
	50	2	DK
	168	3	YES

F62MRIVP ----- MEDICAL RECORDS OBTAINED FOR IVP

type: numeric (float)
label: F62MRIVP

range: [1,2] units: 1
unique values: 2 coded missing: 509 / 673

tabulation:	Freq.	Numeric	Label
	17	1	NO
	147	2	YES

F62MRIVP:

1. Required only if F62IVP=3.

F62BIOP ----- PREVIOUS RENAL BIOPSY

type: numeric (float)
label: F62BIOP

range: [1,3] units: 1
unique values: 3 coded missing: 62 / 673

tabulation:	Freq.	Numeric	Label
	521	1	NO
	64	2	DK
	26	3	YES

F62MRBIO ----- MEDICAL RECORDS FOR BIOPSY

type: numeric (float)
label: F62MRBIO

range: [1,2] units: 1
unique values: 2 coded missing: 651 / 673

tabulation:	Freq.	Numeric	Label
	4	1	NO
	18	2	YES

F62MRBIO:

1. Required only if F62BIOP=3.

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F62TMP ----- TEMPERATURE

type: numeric (float)

range: [34.6,43.3] units: .1
 unique values: 54 coded missing: 34 / 673

mean: 37.6732
 std. dev: 1.04374

percentiles:	10%	25%	50%	75%	90%
	36.7	37	37.3	38.3	39.3

F62TMPH ----- HOW TEMPERATURE TAKEN

type: numeric (float)
 label: F62TMPH

range: [1,2] units: 1
 unique values: 2 coded missing: 39 / 673

tabulation:	Freq.	Numeric	Label
	590	1	ORAL
	44	2	RECTAL

F62PULSE ----- BEATS PER MINUTE

type: numeric (float)

range: [34,280] units: 1
 unique values: 62 coded missing: 40 / 673

mean: 94.6509
 std. dev: 26.0986

percentiles:	10%	25%	50%	75%	90%
	72	80	88	100	128

F62SYS ----- BLOOD PRESSURE -SYSTOLIC

type: numeric (float)

range: [6,204] units: 1
 unique values: 57 coded missing: 48 / 673

mean: 112.046
 std. dev: 19.4332

percentiles:	10%	25%	50%	75%	90%
	92	100	110	120	130

CODEBOOK FOR CSSCD FORM 62
RENAL COMPLICATIONS - PAGE 4
 CSSCD FULL COHORT PATIENTS

F62DIA ----- BLOOD PRESSURE - DIASTOLIC

type: numeric (float)

range: [0,605] units: 1
 unique values: 43 coded missing: 52 / 673

mean: 68.5781
 std. dev: 26.2359

percentiles:	10%	25%	50%	75%	90%
	50	60	70	78	84

F62WGT ----- WEIGHT

type: numeric (float)

range: [5,305] units: .01
 unique values: 373 coded missing: 53 / 673

mean: 51.2427
 std. dev: 24.8004

percentiles:	10%	25%	50%	75%	90%
	21.38	41.5	52.55	60.84	68.975

F62EDPER ----- EDEMA-PERIORBITAL

type: numeric (float)
 label: F62EDPER

range: [1,2] units: 1
 unique values: 2 coded missing: 98 / 673

tabulation:	Freq.	Numeric	Label
	564	1	NO
	11	2	YES

F62EDPED ----- EDEMA-PEDAL

type: numeric (float)
 label: F62EDPED

range: [1,2] units: 1
 unique values: 2 coded missing: 99 / 673

tabulation:	Freq.	Numeric	Label
	549	1	NO
	25	2	YES

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CSSCD FULL COHORT PATIENTS

F62ED0TH ----- EDEMA-OTHER

type: numeric (float)
label: F62ED0TH
range: [1,2] units: 1
unique values: 2 coded missing: 99 / 673

tabulation:	Freq.	Numeric	Label
	560	1	NO
	14	2	YES

F62CVATE ----- CVA TENDERNESS

type: numeric (float)
label: F62CVATE
range: [1,2] units: 1
unique values: 2 coded missing: 102 / 673

tabulation:	Freq.	Numeric	Label
	444	1	NO
	127	2	YES

F62SPTEN ----- SUPRAPUBIC TENDERNESS

type: numeric (float)
label: F62SPTEN
range: [1,2] units: 1
unique values: 2 coded missing: 105 / 673

tabulation:	Freq.	Numeric	Label
	471	1	NO
	97	2	YES

F62PELVC ----- PELVIC EXAM

type: numeric (float)
label: F62PELVC
range: [1,2] units: 1
unique values: 2 coded missing: 454 / 673

tabulation:	Freq.	Numeric	Label
	198	1	NORMAL
	21	2	ABNORMAL

F62GENIT ----- EXTERNAL GENITALIA

type: numeric (float)
label: F62GENIT
range: [1,2] units: 1
unique values: 2 coded missing: 327 / 673

tabulation:	Freq.	Numeric	Label
	329	1	NORMAL
	17	2	ABNORMAL

CODEBOOK FOR CSSCD FORM 62
RENAL COMPLICATIONS - PAGE 4
CSSCD FULL COHORT PATIENTS

F620PF ----- OTHER PHYSICAL FINDINGS

type: numeric (float)
label: F620PF

range: [1,2] units: 1
unique values: 2 coded missing: 19 / 673

tabulation:	Freq.	Numeric	Label
	459	1	NO
	195	2	YES

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RENAL COMPLICATIONS - PAGE 5
 CSSCD FULL COHORT PATIENTS

F62URRC1 ----- URINALYSIS 1 RED COLOR

type: numeric (float)
 label: F62URRC1

range: [1,2] units: 1
 unique values: 2 coded missing: 26 / 673

tabulation:	Freq.	Numeric	Label
	68	1	PRESENT
	579	2	ABSENT

F62URSG1 ----- URINALYSIS 1 SPECIFIC GRAVITY

type: numeric (float)

range: [.101,9] units: .001
 unique values: 40 coded missing: 64 / 673

mean: 1.05639
 std. dev: .557325

percentiles:	10%	25%	50%	75%	90%
	1.006	1.009	1.011	1.013	1.016

F62URPH1 ----- URINALYSIS 1 PH

type: numeric (float)

range: [0,9] units: .1
 unique values: 20 coded missing: 46 / 673

mean: 5.80048
 std. dev: .947967

percentiles:	10%	25%	50%	75%	90%
	5	5	6	6	7

F62URPR1 ----- URINALYSIS 1 PROTEIN

type: numeric (float)
 label: F62URPR1

range: [1,6] units: 1
 unique values: 6 coded missing: 26 / 673

tabulation:	Freq.	Numeric	Label
	317	1	NEG.
	78	2	TRACE
	91	3	1+
	54	4	2+
	72	5	3+
	35	6	4+

CODEBOOK FOR CSSCD FORM 62
RENAL COMPLICATIONS - PAGE 5

CSSCD FULL COHORT PATIENTS

F62URGL1 ----- URINALYSIS 1 GLUCOSE

type: numeric (float)
label: F62URGL1

range: [1,5] units: 1
unique values: 3 coded missing: 27 / 673

tabulation:	Freq.	Numeric	Label
	628	1	NEG.
	17	2	1+
	1	5	4+

F62URMR1 ----- URINALYSIS 1 MICROSCOPIC > 20 RBC

type: numeric (float)
label: F62URMR1

range: [1,2] units: 1
unique values: 2 coded missing: 29 / 673

tabulation:	Freq.	Numeric	Label
	113	1	PRESENT
	531	2	ABSENT

F62URMW1 ----- URINALYSIS 1 MICROSCOPIC >20 WBC

type: numeric (float)
label: F62URMW1

range: [1,2] units: 1
unique values: 2 coded missing: 26 / 673

tabulation:	Freq.	Numeric	Label
	345	1	PRESENT
	302	2	ABSENT

F62URMC1 ----- URINALYSIS 1 MICROSCOPIC CASTS

type: numeric (float)
label: F62URMC1

range: [1,2] units: 1
unique values: 2 coded missing: 46 / 673

tabulation:	Freq.	Numeric	Label
	43	1	PRESENT
	584	2	ABSENT

**CODEBOOK FOR CSSCD FORM 62
RENAL COMPLICATIONS - PAGE 5**

CSSCD FULL COHORT PATIENTS

F62URCH1 ----- URINALYSIS 1 MICROSCOPIC CASTS-HPF

type: numeric (float)
label: F62URCH1

range: [0,16] units: 1
unique values: 12 coded missing: 78 / 673

tabulation:	Freq.	Numeric	Label
	8	0	
	0	1	RBC(1)
	3	2	WBC(2)
	10	4	GRANULAR(4)
	2	5	
	2	6	
	2	7	
	4	8	HYALINE(8)
	1	10	
	6	12	
	1	14	
	1	15	
	555	16	NONE(16)

F62URCH1:

1. Required only if F62URMC1=1.
2. BINARY CODED VARIABLE: Refer to explanation of 'binary coding' in PART II.

F62BUN ----- BUN MG-DL

type: numeric (float)

range: [1,250] units: 1
unique values: 67 coded missing: 148 / 673

mean: 15.9276
std. dev: 24.4395

percentiles:	10%	25%	50%	75%	90%
	5	6	9	13	31

F62CRTN ----- SERUM CREATININE

type: numeric (float)

range: [.1,21] units: .1
unique values: 48 coded missing: 245 / 673

mean: 1.21449
std. dev: 1.78746

percentiles:	10%	25%	50%	75%	90%
	.4	.6	.7	1.1	2.2

CODEBOOK FOR CSSCD FORM 62
RENAL COMPLICATIONS - PAGE 5

CSSCD FULL COHORT PATIENTS

F62URA ----- URIC ACID

type: numeric (float)
range: [2.6,21.6] units: .1
unique values: 82 coded missing: 500 / 673
mean: 6.80405
std. dev: 3.23969

percentiles: 10% 25% 50% 75% 90%
4 4.7 5.9 8.1 11.3

F62URA:

1. Required only if F62TYPE=1, 3, or 4.

F62CBCHB ----- CBC HB

type: numeric (float)
range: [3.3,15.2] units: .1
unique values: 92 coded missing: 300 / 673
mean: 8.46461
std. dev: 2.05838

percentiles: 10% 25% 50% 75% 90%
6.1 7.1 8.2 9.8 11.4

F62CBCHB:

1. Required only if F62TYPE=1, 3, or 4.

F62CBCHC ----- CBC HCT

type: numeric (float)
range: [8.6,95.3] units: .1
unique values: 191 coded missing: 298 / 673
mean: 25.1139
std. dev: 7.50716

percentiles: 10% 25% 50% 75% 90%
17.5 20.3 24 29 34.8

F62CBCHC:

1. Required only if F62TYPE=1, 3, or 4.

F62BCRB ----- CBC RBC

type: numeric (float)
range: [0,6.55] units: .01
unique values: 210 coded missing: 314 / 673
mean: 2.77861
std. dev: .928915

percentiles: 10% 25% 50% 75% 90%
1.78 2.18 2.58 3.24 4.26

F62BCRB:

1. Required only if F62TYPE=1, 3, or 4.

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RENAL COMPLICATIONS - PAGE 5

CSSCD FULL COHORT PATIENTS

F62CBCWB ----- CBC WBC

type: numeric (float)
range: [3.7,76.9] units: .1
unique values: 198 coded missing: 298 / 673
mean: 16.1797
std. dev: 9.06047

percentiles: 10% 25% 50% 75% 90%
7.8 10.5 14.6 19.9 25.7

F62CBCWB:

1. Required only if F62TYPE=1, 3, or 4.

F62CBCMV ----- CBC MCV

type: numeric (float)

range: [59,947] units: 1
unique values: 51 coded missing: 305 / 673

mean: 95.1223
std. dev: 61.2407

percentiles: 10% 25% 50% 75% 90%
78 84.5 91 97.5 104

F62CBCMV:

1. Required only if F62TYPE=1, 3, or 4.

F62CBMCH ----- CBC MCH PICA GRAMS

type: numeric (float)

range: [10.3,40.8] units: .1
unique values: 141 coded missing: 325 / 673

mean: 31.0379
std. dev: 4.12721

percentiles: 10% 25% 50% 75% 90%
25.5 28.4 31.3 33.65 36.2

F62CBMCH:

1. Required only if F62TYPE=1, 3, or 4.

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RENAL COMPLICATIONS - PAGE 6
 CSSCD FULL COHORT PATIENTS

F62AS0 ----- ASO UNITS

```

      type: numeric (float)
      range: [0,640]
unique values: 15
      mean: 137.6
      std. dev: 151.056
      units: 1
      coded missing: 653 / 673

percentiles:    10%    25%    50%    75%    90%
                0      30     100    189    290
  
```

F62AS0:

1. Required only if F62TYPE=1, 3, or 4.

F62URDN1 ----- URINE CULTURE 1 DONE

```

      type: numeric (float)
      label: F62URDN1
      range: [1,2]
unique values: 2
      units: 1
      coded missing: 63 / 673
      tabulation: Freq.  Numeric  Label
                  589      1  DONE
                  21      2  NOT DONE
  
```

F62URDN1:

1. Required only if F62TYPE=1, 3, or 4.

F62URPN1 ----- URINE CULTURE 1 RESULTS

```

      type: numeric (float)
      label: F62URPN1
      range: [1,2]
unique values: 2
      units: 1
      coded missing: 93 / 673
      tabulation: Freq.  Numeric  Label
                  441      1  POSITIVE
                  139      2  NEGATIVE
  
```

F62URPN1:

1. Required only if F62URDN1=1.

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RENAL COMPLICATIONS - PAGE 6
 CSSCD FULL COHORT PATIENTS

F62ORGA1 ----- URINE CULTURE 1 ORGANISM 1

type: numeric (float)

range: [8,9999]

units: 1

unique values: 27

coded missing: 233 / 673

tabulation:		Freq.	Value	tabulation:		Freq.	Value
						1	400
	1	8			352		401
	1	10			2		407
	1	41			34		408
	1	104			4		409
	2	105			5		410
	1	106			1		411
	1	110			2		412
	6	120			1		800
	4	150			1		900
	5	160			1		1200
	2	170			1		4010
	3	202			3		9000
	1	302			3		9999

F62ORGA1:

1. Required only if F62URPN1=1.
2. See APPENDIX H for pathogen codes.

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CSSCD FULL COHORT PATIENTS

F62ORGB1 ----- URINE CULTURE 1 ORGANISM 2

type: numeric (float)
range: [105,9999] units: 1
unique values: 12 coded missing: 633 / 673

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	1	105		20	401
	2	130		4	408
	1	140		5	410
	1	160		1	800
	1	203		1	904
	2	400		1	9999

F62ORGB1:

1. Required only if F62URPN1=1 and >1 organism identified.
2. See APPENDIX H for pathogen codes.

F62URDN2 ----- URINE CULTURE 2 DONE

type: numeric (float)
label: F62URDN2
range: [1,2] units: 1
unique values: 2 coded missing: 226 / 673

tabulation:	Freq.	Numeric	Label
	186	1	DONE
	261	2	NOT DONE

F62URDN2:

1. Required only if F62TYPE=2.

F62URPN2 ----- URINE CULTURE 2 RESULTS

type: numeric (float)
label: F62URPN2
range: [1,2] units: 1
unique values: 2 coded missing: 500 / 673

tabulation:	Freq.	Numeric	Label
	70	1	POSITIVE
	103	2	NEGATIVE

F62URPN2:

1. Required only if F62URDN2=1.

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RENAL COMPLICATIONS - PAGE 6
 CSSCD FULL COHORT PATIENTS

F62ORGA2 ----- URINE CULTURE 2 ORGANISM 1

 type: numeric (float)
 range: [400,9000] units: 1
 unique values: 6 coded missing: 601 / 673

 tabulation: Freq. Value

1	400
56	401
11	408
1	409
2	800
1	9000

F62ORGA2:

1. Required only if F62URPN2=1.
2. See APPENDIX H for pathogen codes.

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CSSCD FULL COHORT PATIENTS

F62ORGB2 ----- URINE CULTURE 2 ORGANISM 2

type: numeric (float)
range: [203,410] units: 1
unique values: 4 coded missing: 663 / 673

tabulation:	Freq.	Value
	1	203
	5	401
	3	408
	1	410

F62ORGB2:

1. Required only if F62URPN2=1 and >1 organism identified..
2. See APPENDIX H for pathogen codes.

F62URDN3 ----- URINE CULTURE 3 DONE

type: numeric (float)
label: F62URDN3
range: [1,2] units: 1
unique values: 2 coded missing: 200 / 673

tabulation:	Freq.	Numeric	Label
	79	1	DONE
	394	2	NOT DONE

F62URPN3 ----- URINE CULTURE 3 RESULTS

type: numeric (float)
label: F62URPN3
range: [1,2] units: 1
unique values: 2 coded missing: 598 / 673

tabulation:	Freq.	Numeric	Label
	27	1	POSITIVE
	48	2	NEGATIVE

F62ORGA3 ----- URINE CULTURE 3 ORGANISM 1

type: numeric (float)
range: [140,408] units: 1
unique values: 4 coded missing: 645 / 673

tabulation:	Freq.	Value
	3	140
	1	170
	22	401
	2	408

F62ORGA3:

1. Required only if F62URPN3=1.
2. See APPENDIX H for pathogen codes.

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RENAL COMPLICATIONS - PAGE 6
CSSCD FULL COHORT PATIENTS

F62ORGB3 ----- URINE CULTURE 3 ORGANISM 2

type: numeric (float)

range: [.,.]

units: .

unique values: 0

coded missing: 673 / 673

tabulation: Freq. Value

F62ORGB3:

1. Required only if F62URPN3=1 and >1 organism found.
2. See APPENDIX H for pathogen codes.

8.1.2: Renal Complications Follow-up Form – Form 70 Hematuria and Urinary Tract Infection

F62URRC2 ----- URINALYSIS 2 RED COLOR

```

      type: numeric (float)
      label: F62URRC2
      range: [1,2]                      units: 1
unique values: 2                        coded missing: 584 / 673
  tabulation: Freq.  Numeric  Label
                12         1  PRESENT
                77         2  ABSENT
  
```

F62URRC2:

1. Urinalysis 2 required only for proteinuria.

F62URSG2 ----- URINALYSIS 2 SPECIFIC GRAVITY

```

      type: numeric (float)
      range: [.015,1.035]                units: .001
unique values: 21                        coded missing: 588 / 673
      mean: .999871
      std. dev: .108216

      percentiles:      10%      25%      50%      75%      90%
                       1.005    1.009    1.011    1.015    1.015
  
```

F62URSG2:

1. Urinalysis 2 required only for proteinuria.

F62URPH2 ----- URINALYSIS 2 PH

```

      type: numeric (float)
      range: [5,9]                       units: .1
unique values: 7                        coded missing: 586 / 673
      mean: 5.92529
      std. dev: .844024

      percentiles:      10%      25%      50%      75%      90%
                       5         5         6         6         7
  
```

F62URPH2:

1. Urinalysis 2 required only for proteinuria.

F62URPR2 ----- URINALYSIS 2 PROTEIN

```

      type: numeric (float)
      label: F62URPR2
      range: [1,6]                      units: 1
unique values: 6                        coded missing: 584 / 673
  tabulation: Freq.  Numeric  Label
                31         1  NEG.
                 8         2  TRACE
                 6         3  1+
                17         4  2+
                15         5  3+
                12         6  4+
  
```

F62URPR2:

1. Urinalysis 2 required only for proteinuria.

8.1.2: Renal Complications Follow-up Form – Form 70 Hematuria and Urinary Tract Infection

F62URGL2 ----- URINALYSIS 2 GLUCOSE

type: numeric (float)
 label: F62URGL2
 range: [1,4] units: 1
 unique values: 3 coded missing: 585 / 673

tabulation:	Freq.	Numeric	Label
	85	1	NEG.
	2	2	1+
	1	4	3+

F62URGL2:

1. Urinalysis 2 required only for proteinuria.

F62URMR3 ----- URINALYSIS 2 MICROSCOPIC > 20 RBC

type: numeric (float)
 label: F62URMR3
 range: [1,2] units: 1
 unique values: 2 coded missing: 583 / 673

tabulation:	Freq.	Numeric	Label
	6	1	PRESENT
	84	2	ABSENT

F62URMR3:

1. Urinalysis 2 required only for proteinuria.

F62URMW3 ----- URINALYSIS 2 MICROSCOPIC >20 WBC

type: numeric (float)
 label: F62URMW3
 range: [1,2] units: 1
 unique values: 2 coded missing: 583 / 673

tabulation:	Freq.	Numeric	Label
	13	1	PRESENT
	77	2	ABSENT

F62URMW3:

1. Urinalysis 2 required only for proteinuria.

F62URMC2 ----- URINALYSIS 2 MICROSCOPIC CASTS

type: numeric (float)
 label: F62URMC2
 range: [1,2] units: 1
 unique values: 2 coded missing: 587 / 673

tabulation:	Freq.	Numeric	Label
	6	1	PRESENT
	80	2	ABSENT

F62URMC2:

1. Urinalysis 2 required only for proteinuria.

8.1.2: Renal Complications Follow-up Form – Form 70 Hematuria and Urinary Tract Infection

F62URCH2 ----- URINALYSIS 2 MICROSCOPIC CASTS-HPF

type: numeric (float)
label: F62URCH2

range: [4,16] units: 1
unique values: 3 coded missing: 589 / 673

tabulation:	Freq.	Numeric	Label
	0	1	RBC(1)
	0	2	WBC(2)
	4	4	GRANULAR(4)
	0	8	HYALINE(8)
	2	12	
	78	16	NONE(16)

F62URCH2:

1. BINARY CODED VARIABLE: Refer to explanation of 'binary coding' in PART II.
2. Urinalysis 2 required only for proteinuria.
3. Required only if F62URMC=1.

F62CC ----- 2 HOUR CREATININE CLEARANCE ML-MIN * C

type: numeric (float)

range: [1,496] units: 1
unique values: 18 coded missing: 655 / 673

mean: 81.1111
std. dev: 112.17

percentiles:	10%	25%	50%	75%	90%
	7	15	56.5	100	131

F62CC:

1. Required only for renal insufficiency.

_dta:

1. Run on 08/24/99.

A. Collection Information:

Form 70 (Renal Complications Follow-up Form for Hematuria and Urinary Tract Infection) was completed at follow-up visits for hematuria and urinary tract infections. Schedules for follow-up are presented below:

Urinary Tract Infection (UTI) Chart

Initial Visit

If urine culture is positive or > 20
WBC/HPF from urinalysis

-DO-

8.1.2 RENAL COMPLICATIONS FOLLOW-UP FORM

Serum Creatinine
Repeat Urine Culture

First Follow-up Visit

(Within two weeks of initial visit)

**8.1.2: Renal Complications Follow-up Form – Form 70
Hematuria and Urinary Tract Infection**

Hematuria Chart

Initial Visit

If RBC > 20 RBC/HPF
from urinalysis
-DO-
Uric Acid
BUN
Serum Creatinine
ASO
CBC
Urine Culture

First Follow-up Visit

(Within two weeks of initial visit)

If RBC > 20 RBC/HPF from urinalysis
-DO-
IVP
Two-hour Creatinine clearance
BUN

FORM 70
4

If RBC ≤ 20 RBC/HPF from urinalysis
-DO-
No more tests until one-month visit.

**8.1.2: Renal Complications Follow-up Form – Form 70
Hematuria and Urinary Tract Infection**

- B. List of variables deleted **F70DATE F70INIT F70NDATE F70LASTU F70LASTE
F70ESTAT F70VDATE F70FCB F70URDT F70URNDT F70BUNDT F70SCDT
F70URADT F70CCDT F70IVPDT F70RENDT F70PLADT F70CYS DT**
- C. List of variables modified **NONE**
- D. List of variables modified with a name change **NONE**
- E. Old name
- F. New name
- G. List of variables modified date to days since DOE
- H. Old name **F70DATE F70URDT F70URNDT F70BUNDT F70SCDT
F70URADT F70CCDT F70IVPDT F70RENDT F70PLADT F70CYS DT**

**8.1.2: Renal Complications Follow-up Form – Form 70
Hematuria and Urinary Tract Infection**

I. New name **JF70DATE JF70URDT J70URNDT J70BUNDT JF70SCDT
J70URADT JF70CCDT J70IVPDT J70RENDT J70PLADT J70CYSdT**

J. Data Collection Period: 10/82 – 09/88

Form 70 was used between 10/82 and 06/86 for all patients and continued to be used for patients entered at < 6 months of age through 09/88.

K. Form Version Dates: 09/16/82

L. Files Used to Store Information:

SAS System File: **R70.SD2**

Format File: **R70.FMT**

M. Unique Record Identifiers: **ANONID, F70DATE, F70VISIT**

Records within the SAS dataset are sorted by **ANONID, F70DATE**, and **F70VISIT** (follow-up visit number).

N. Number of Observations (Patients) in SAS Dataset: 334 (179)

O. Contents of SAS Dataset:

- Alphabetical Listing of Variables: See pp. 57-58
- Listing of Variables by Position: See pp. 59-60

P. Notes About Selected Variables: None

Q. Computed Variables: None

R. Inter-Relationship With Other Datasets:

1. Renal event data were also collected on

Phase 1 Forms	SAS Dataset	See Section
Form 62	R62.SD2	8.1.1
Form 71	R71.SD2	8.1.3

2. Renal function test data, urinalysis, and/or urine culture results were also collected on routine visit forms

Phase 1 Forms	SAS Dataset	See Section
Form 12	R1222.SD2	4.4
Forms 19, 20, 22, 24	R1722.SD2	4.5
Form 25	R25.SD2	4.6

3. History of renal complications was also collected on

Phase 1 Forms	SAS Dataset	See Section
Form 10	R10.SD2	2.3

**8.1.2: Renal Complications Follow-up Form – Form 70
Hematuria and Urinary Tract Infection**

Form 26

R20.SD2

10.1

CODEBOOK FOR CSSCD FORM 70
RENAL COMPLICATIONS FOLLOW-UP FORM
(HEMATURIA AND URINARY TRACT INFECTION) - PAGE 1
 CSSCD FULL COHORT PATIENTS

CONTENTS OF SAS DATASET: R70.SD2
 DATA FROM CSSCD FORM 70 - RENAL COMPLICATIONS FOLLOW-UP FORM
 for HEMATURIA AND URINARY TRACT INFECTION
 VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION
 IN THE SAS DATASET AND ON FORM 70

The SAS System 15:19 Friday, February 9, 2007 4

The CONTENTS Procedure

Data Set Name	OUT1.R70	Observations	334
Member Type	DATA	Variables	48
Engine	V9	Indexes	0
Created	10:28 Friday, February 9, 2007	Observation Length	384
Last Modified	10:28 Friday, February 9, 2007	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information

Data Set Page Size	16384
Number of Data Set Pages	9
First Data Page	1
Max Obs per Page	42
Obs in First Data Page	25
Number of Data Set Repairs	0
File Name	O:\decastat\EBP\CSSCD\Phase 1 LAD DEV\sd2anon\r70.sas7bdat
Release Created	9.0000MO
Host Created	XP_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	ANONID	Char	8	ANONYMIZED ID #
10	F70ACODE	Num	8	ANTIBIOTICS CODE
6	F70ANTIB	Num	8	ANTIBIOTICS
26	F70BUN	Num	8	BUN MG-DL
29	F70CC	Num	8	CREATININE CLEARANCE ML-MIN
27	F70CRTN	Num	8	SERUM CREATININE
36	F70CYS DN	Num	8	CYSTOSCOPY DONE
37	F70CYSTO	Num	8	CYSTOSCOPY NORMAL
9	F70DCODE	Num	8	DIURETIC CODE
14	F70DIA	Num	8	BLOOD PRESSURE - DIASTOLIC
5	F70DIUR	Num	8	DIURETICS
4	F70DRUGS	Num	8	DRUG THERAPY
30	F70IVPDN	Num	8	IVP DONE
31	F70IVPNA	Num	8	IVP NORMAL
11	F70NCODE	Num	8	NEPHROTOXIC DRUG CODE
7	F70NEPHR	Num	8	NEPHROTOXIC DRUGS
12	F70OCODE	Num	8	OTHER DRUG CODE

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8	F700DRUG	Num	8	OTHER DRUGS
24	F70ORG1	Num	8	URINE CULTURE ORGANISM 1
25	F70ORG2	Num	8	URINE CULTURE ORGANISM 2
34	F70PLADN	Num	8	PLASMA RENIN DONE
35	F70PLASA	Num	8	PLASMA RENIN NGM-DL
33	F70RENNA	Num	8	RENAL SCAN NORMAL
32	F70RENSC	Num	8	RENAL SCAN DONE
13	F70SYS	Num	8	BLOOD PRESSURE - SYSTOLIC
3	F70TYPE	Num	8	TYPE OF COMPLICATION
28	F70URA	Num	8	URIC ACID

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Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
22	F7OURCH	Num	8	URINALYSIS MICROSCOPIC CASTS-HPF
19	F7OURGL	Num	8	URINALYSIS GLUCOSE
23	F7OURINE	Num	8	URINE POSITIVE OR NEG.
20	F7OURMR	Num	8	URINALYSIS MICROSCOPIC 20 RBC
21	F7OURMW	Num	8	URINALYSIS MICROSCOPIC 20 WBC
17	F7OURPH	Num	8	URINALYSIS PH
18	F7OURPR	Num	8	URINALYSIS PROTEIN
15	F7OURRC	Num	8	URINALYSIS RED COLOR
16	F7OURSG	Num	8	URINALYSIS SPECIFIC GRAVITY
2	F7OVISIT	Num	8	FOLLOW UP VISIT NUMBER
41	J70BUNDT	Num	8	BUN DATE - RECODE DAYS SINCE DOE
48	J70CYSDT	Num	8	CYSTOSCOPY DATE - RECODE DAYS SINCE DOE
45	J70IVPDT	Num	8	IVP DATE - RECODE DAYS SINCE DOE
47	J70PLADT	Num	8	PLASMA RENIN DATE - RECODE DAYS SINCE DOE
46	J70RENDT	Num	8	RENAL SCAN DATE - RECODE DAYS SINCE DOE
43	J70URADT	Num	8	URIC ACID DATE - RECODE DAYS SINCE DOE
40	J70URNDT	Num	8	URINE CULTURE DATE - RECODE DAYS SINCE DOE
44	JF70CCDT	Num	8	CREATININE CLEARANCE DATE - RECODE DAYS SINCE DOE
38	JF70DATE	Num	8	INITIAL FORM62 DATE - RECODE DAYS SINCE DOE
42	JF70SCDT	Num	8	SERUM CREATININE DATE - RECODE DAYS SINCE DOE
39	JF70URDT	Num	8	URINALYSIS DATE - RECODE DAYS SINCE DOE

CODEBOOK FOR CSSCD FORM 70
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* R70.FMT contains value labels for numerical codes assigned to
categorical*
* variables in the SAS dataset R70.SD2
*

****;

PROC FORMAT;

* FORMAT F70TYPE IS DEFINED FOR VARIABLE F70TYPE;

VALUE F70TYPE

1 = 'HEMATURIA'
2 = 'U.T.I';

* FORMAT NO_YES IS DEFINED FOR VARIABLES F70DRUGS F70DIUR F70ANTIB
F70NEPHR F70ODRUG;

VALUE NO_YES

1 = 'NO'
2 = 'YES';

* FORMAT PRES_ABS IS DEFINED FOR VARIABLE F70URRC F70URMR F70URMW;

VALUE PRES_ABS

1 = 'PRESENT'
2 = 'ABSENT';

* FORMAT F70URPR IS DEFINED FOR VARIABLE F70URPR;

VALUE F70URPR

1 = 'NEG.'
2 = 'TRACE'
3 = '1+'
4 = '2+'
5 = '3+'
6 = '4+';

* FORMAT F70URGL IS DEFINED FOR VARIABLE F70URGL;

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VALUE F70URGL

1 = 'NEG.'
2 = '1+'
3 = '2+'
4 = '3+'
5 = '4+';

* FORMAT F70URCH IS DEFINED FOR VARIABLE F70URCH;

VALUE F70URCH

1 = 'RBC'
2 = 'WBC'
4 = 'GRANULAR'
8 = 'HYALINE'
16 = 'ABSENT' ;

* FORMAT F70URINE IS DEFINED FOR VARIABLE F70URINE;

VALUE F70URINE

1 = 'POSITIVE'
2 = 'NEGATIVE' ;

* FORMAT DONE IS DEFINED FOR VARIABLES F70IVPDN F70RENSC F70PLADN
F70CYSDN;

VALUE DONE

1 = 'NOT DONE'
2 = 'DONE' ;

* FORMAT NORM_ABN IS DEFINED FOR VARIABLES F70IVPNA F70RENNNA F70CYSTO;

VALUE NORM_ABN

1 = 'NORMAL'
2 = 'ABNORMAL' ;

* FORMAT

F70TYPE F70TYPE.
F70DRUGS F70DIUR F70ANTIB F70NEPHR F70ODRUG NO_YES.
F70URRC F70URMR F70URMW PRES_ABS.
F70URPR F70URPR.
F70URGL F70URGL.
F70URCH F70URCH.

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F70URINE F70URINE.
F70IVPDN F70RENSC F70PLADN F70CYSDN DONE.
F70IVPNA F70RENNNA F70CYSTO NORM_ABN.;

RUN;
QUIT;

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F70VISIT ----- FOLLOW UP VISIT NUMBER

type: numeric (float)
 range: [1,9] units: 1
 unique values: 9 coded missing: 0 / 334

tabulation:	Freq.	Value
	220	1
	55	2
	26	3
	14	4
	6	5
	4	6
	7	7
	1	8
	1	9

F70VDATE ----- VERSION DATE **DELETED**

type: numeric (int)
 label: datelab
 range: [8294,8294] units: 1
 unique values: 1 coded missing: 0 / 334

tabulation:	Freq.	Numeric	Label
	334	8294	09/16/82

F70TYPE ----- TYPE OF COMPLICATION

type: numeric (float)
 label: F70TYPE
 range: [1,2] units: 1
 unique values: 2 coded missing: 0 / 334

tabulation:	Freq.	Numeric	Label
	41	1	HEMATURIA
	293	2	U.T.I

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F70DRUGS ----- DRUG THERAPY

type: numeric (float)
 label: F70DRUGS

range: [1,2] units: 1
 unique values: 2 coded missing: 2 / 334

tabulation:	Freq.	Numeric	Label
	93	1	NO
	239	2	YES

F70DIUR ----- DIURETICS

type: numeric (float)
 label: F70DIUR

range: [1,2] units: 1
 unique values: 2 coded missing: 78 / 334

tabulation:	Freq.	Numeric	Label
	247	1	NO
	9	2	YES

F70DIUR:
 1. Required only if F70DRUGS=2.

F70ANTIB ----- ANTIBIOTICS

type: numeric (float)
 label: F70ANTIB

range: [1,2] units: 1
 unique values: 2 coded missing: 69 / 334

tabulation:	Freq.	Numeric	Label
	50	1	NO
	215	2	YES

F70ANTIB:
 1. Required only if F70DRUGS=2.

F70NEPHR ----- NEPHROTOXIC DRUGS

type: numeric (float)
 label: F70NEPHR

range: [1,2] units: 1
 unique values: 2 coded missing: 79 / 334

tabulation:	Freq.	Numeric	Label
	252	1	NO
	3	2	YES

F70NEPHR:
 1. Required only if F70DRUGS=2.

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F700DRUG ----- OTHER DRUGS

type: numeric (float)
 label: F700DRUG
 range: [1,2] units: 1
 unique values: 2 coded missing: 79 / 334
 tabulation: Freq. Numeric Label
 182 1 NO
 73 2 YES

F700DRUG:
 1. Required only if F70DRUGS=2.

F70DCODE ----- DIURETIC CODE

type: numeric (float)
 range: [28,554] units: 1
 unique values: 5 coded missing: 323 / 334
 tabulation: Freq. Value
 2 28
 1 204
 1 298
 6 306
 1 554

F70DCODE:
 1. Required only if F70DIUR=2.
 2. See APPENDIX D - CODED DRUG LIST.

F70ACODE ----- ANTIBIOTICS CODE

type: numeric (float)
 range: [21,999] units: 1
 unique values: 28 coded missing: 121 / 334
 tabulation: Freq. Value tabulation: Freq. Value
 1 21 1 280
 20 25 9 298
 54 28 7 317
 1 54 4 344
 31 56 1 351
 13 57 6 369
 1 58 10 371
 1 59 9 429
 1 92 12 430
 1 95 6 462
 2 231 2 487
 1 245 2 554
 1 251 7 562
 2 254 7 999

F70ACODE:
 1. Required only if F70ANTIB=2.
 2. See APPENDIX D - CODED DRUG LIST.

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F70NCODE ----- NEPHROTOXIC DRUG CODE

type: numeric (float)

range: [33,429] units: 1

unique values: 2 coded missing: 332 / 334

tabulation: Freq. Value

1	33
1	429

F70NCODE:

1. Required only if F70NEPHR=2.
2. See APPENDIX D - CODED DRUG LIST.

F700CODE ----- OTHER DRUG CODE

type: numeric (float)

range: [7,999] units: 1

unique values: 30 coded missing: 265 / 334

tabulation: Freq. Value	tabulation: Freq. Value
1 7	1 367
1 21	1 371
4 28	3 409
1 51	1 429
1 56	1 449
1 95	1 462
3 190	2 463
2 191	2 464
1 222	1 475
1 245	6 481
22 249	1 497
2 298	2 512
1 328	1 539
1 337	2 546
1 338	1 999

F700CODE:

1. Required only if F700DRUG=2.
2. See APPENDIX D - CODED DRUG LIST.

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F70SYS ----- BLOOD PRESSURE - SYSTOLIC

type: numeric (float)

range: [68,170] units: 1
unique values: 36 coded missing: 43 / 334

mean: 107.735
std. dev: 13.9218

percentiles:	10%	25%	50%	75%	90%
	90	100	110	112	120

F70DIA ----- BLOOD PRESSURE - DIASTOLIC

type: numeric (float)

range: [20,100] units: 1
unique values: 30 coded missing: 43 / 334

mean: 65.89
std. dev: 11.4955

percentiles:	10%	25%	50%	75%	90%
	50	60	68	70	80

8.1.3: Renal Complications Follow-up Form – Form 71 Proteinuria and Renal Insufficiency

F7OURRC ----- URINALYSIS RED COLOR

```

      type: numeric (float)
      label: F7OURRC

      range: [1,2]                      units: 1
unique values: 2                      coded missing: 18 / 334

      tabulation:  Freq.  Numeric  Label
                   12      1  PRESENT
                   304     2  ABSENT
  
```

F7OURSG ----- URINALYSIS SPECIFIC GRAVITY

```

      type: numeric (float)

      range: [1.001,6]                  units: .001
unique values: 23                      coded missing: 33 / 334

      mean: 1.04459
      std. dev: .40601

      percentiles:    10%    25%    50%    75%    90%
                    1.006  1.009  1.01   1.013  1.015
  
```

F7OURPH ----- URINALYSIS PH

```

      type: numeric (float)

      range: [2,9]                      units: .1
unique values: 17                      coded missing: 32 / 334

      mean: 6.01026
      std. dev: .8717

      percentiles:    10%    25%    50%    75%    90%
                    5      5.5    6      6.5    7
  
```

F7OURPR ----- URINALYSIS PROTEIN

```

      type: numeric (float)
      label: F7OURPR

      range: [1,5]                      units: 1
unique values: 5                      coded missing: 21 / 334

      tabulation:  Freq.  Numeric  Label
                   249     1  NEG.
                   32      2  TRACE
                   18      3  1+
                   8       4  2+
                   6       5  3+
  
```

8.1.3: Renal Complications Follow-up Form – Form 71 Proteinuria and Renal Insufficiency

F7OURGL ----- URINALYSIS GLUCOSE

type: numeric (float)
label: F7OURGL

range: [1,4] units: 1
unique values: 4 coded missing: 20 / 334

tabulation:	Freq.	Numeric	Label
	309	1	NEG.
	2	2	1+
	2	3	2+
	1	4	3+

F7OURMR ----- URINALYSIS MICROSCOPIC 20 RBC

type: numeric (float)
label: F7OURMR

range: [1,2] units: 1
unique values: 2 coded missing: 21 / 334

tabulation:	Freq.	Numeric	Label
	16	1	PRESENT
	297	2	ABSENT

F7OURMW ----- URINALYSIS MICROSCOPIC 20 WBC

type: numeric (float)
label: F7OURMW

range: [1,2] units: 1
unique values: 2 coded missing: 22 / 334

tabulation:	Freq.	Numeric	Label
	44	1	PRESENT
	268	2	ABSENT

F7OURCH ----- URINALYSIS MICROSCOPIC CASTS-HPF

type: numeric (float)
label: F7OURCH

range: [1,16] units: 1
unique values: 5 coded missing: 24 / 334

tabulation:	Freq.	Numeric	Label
	1	1	RBC
	1	2	WBC
	2	4	GRANULAR
	2	8	HYALINE
	304	16	ABSENT

F7OURCH:

1. BINARY CODED VARIABLE: See explanation for 'binary coding' in PART II.

F7OURINE ----- URINE POSITIVE OR NEG.

type: numeric (float)

8.1.3: Renal Complications Follow-up Form – Form 71 Proteinuria and Renal Insufficiency

label: F7OURINE

range: [1,2] units: 1
unique values: 2 coded missing: 29 / 334

tabulation:	Freq.	Numeric	Label
	85	1	POSITIVE
	220	2	NEGATIVE

F70ORG1 ----- URINE CULTURE ORGANISM 1

type: numeric (float)

range: [110,9999] units: 1
unique values: 13 coded missing: 256 / 334

tabulation:	Freq.	Value
	1	110
	1	120
	1	121
	1	202
	1	203
	55	401
	8	408
	1	411
	2	800
	1	900
	1	1400
	3	9000
	2	9999

F70ORG1:

1. See APPENDIX H - PATHOGEN LIST.
2. Required only if F7OURINE=1.

F70ORG2 ----- URINE CULTURE ORGANISM 2

type: numeric (float)

range: [120,9000] units: 1
unique values: 3 coded missing: 329 / 334

tabulation:	Freq.	Value
	3	120
	1	401
	1	9000

F70ORG2:

1. See APPENDIX H - PATHOGEN LIST.
2. Required only if F7OURINE=1.

8.1.3: Renal Complications Follow-up Form – Form 71 Proteinuria and Renal Insufficiency

F70BUN ----- BUN MG-DL

```

type: numeric (float)

range: [1,126]          units: 1
unique values: 28      coded missing: 128 / 334

mean: 10.2476
std. dev: 12.0212

percentiles:    10%    25%    50%    75%    90%
                5      6      7      10    16
  
```

F70CRTN ----- SERUM CREATININE

```

type: numeric (float)

range: [.1,7.1]        units: .1
unique values: 21      coded missing: 128 / 334

mean: .808252
std. dev: .750661

percentiles:    10%    25%    50%    75%    90%
                .4    .5    .7    .9    1.2
  
```

F70URA ----- URIC ACID

```

type: numeric (float)

range: [2.5,33]        units: .1
unique values: 55      coded missing: 163 / 334

mean: 5.38596
std. dev: 2.60439

percentiles:    10%    25%    50%    75%    90%
                3.7    4.2    5      6.1    7.3
  
```

F70CC ----- CREATININE CLEARANCE ML-MIN

```

type: numeric (float)

range: [23,956]        units: 1
unique values: 12      coded missing: 322 / 334

mean: 160.417
std. dev: 255.183

percentiles:    10%    25%    50%    75%    90%
                29    43.5  98    142.5  167
  
```

8.1.3: Renal Complications Follow-up Form – Form 71 Proteinuria and Renal Insufficiency

F70IVPDN ----- IVP DONE

type: numeric (float)
 label: F70IVPDN

 range: [1,2] units: 1
 unique values: 2 coded missing: 7 / 334

tabulation:	Freq.	Numeric	Label
	280	1	NOT DONE
	47	2	DONE

F70IVPNA ----- IVP NORMAL

type: numeric (float)
 label: F70IVPNA

 range: [1,2] units: 1
 unique values: 2 coded missing: 294 / 334

tabulation:	Freq.	Numeric	Label
	17	1	NORMAL
	23	2	ABNORMAL

F70IVPNA:

1. Required only if F70IVPDN=2.

F70RENSC ----- RENAL SCAN DONE

type: numeric (float)
 label: F70RENSC

 range: [1,2] units: 1
 unique values: 2 coded missing: 26 / 334

tabulation:	Freq.	Numeric	Label
	297	1	NOT DONE
	11	2	DONE

F70RENNA ----- RENAL SCAN NORMAL

type: numeric (float)
 label: F70RENNA

 range: [1,2] units: 1
 unique values: 2 coded missing: 328 / 334

tabulation:	Freq.	Numeric	Label
	2	1	NORMAL
	4	2	ABNORMAL

F70RENNA:

1. Required only if F70RENSC=2.

8.1.3: Renal Complications Follow-up Form – Form 71 Proteinuria and Renal Insufficiency

F70PLADN ----- PLASMA RENIN DONE

type: numeric (float)
label: F70PLADN

range: [1,2] units: 1

unique values: 2 coded missing: 26 / 334

tabulation:	Freq.	Numeric	Label
	303	1	NOT DONE
	5	2	DONE

F70PLASA ----- PLASMA RENIN NGM-DL

type: numeric (float)

range: [.,.] units: .

unique values: 0 coded missing: 334 / 334

tabulation: Freq. Value

F70PLASA:

1. Required only if F70PLADN=2.

F70CYSDN ----- CYSTOSCOPY DONE

type: numeric (float)
label: F70CYSDN

range: [1,2] units: 1

unique values: 2 coded missing: 25 / 334

tabulation:	Freq.	Numeric	Label
	299	1	NOT DONE
	10	2	DONE

F70CYSDN:

1. Optional after 3rd confirmation of hematuria.

F70CYSTO ----- CYSTOSCOPY NORMAL

type: numeric (float)
label: F70CYSTO

range: [1,2] units: 1

unique values: 2 coded missing: 327 / 334

tabulation:	Freq.	Numeric	Label
	6	1	NORMAL
	1	2	ABNORMAL

F70CYSTO:

1. Required only if F70CYSDN=2.

_dta:

1. Run on 08/24/99.

A. Collection Information:

**8.1.3: Renal Complications Follow-up Form – Form 71
Proteinuria and Renal Insufficiency**

Form 71 (Renal Complications Follow-up Form for Proteinuria and Renal Insufficiency) was completed for follow-up visits for proteinuria and renal insufficiency. Schedules for follow-up of these events are presented below:

Proteinuria Chart

Initial Visit
(At time of second urinalysis)

-DO-
Uric Acid
BUN
Serum Creatinine
CBC
ASO

First Follow-up Visit
(Within one month of diagnosis)

-DO-
Serum Protein Electrophoresis
24-hour Urine

Second Follow-up Visit
(Within one month of first follow-up visit)

If Urine Protein > 1 gm/m² from 24-hour Urine
-DO-
Urine Protein Immunoelectrophoresis
Urine Protein Electrophoresis
Serum Cholesterol
Serum C₃
Serum C₄
Doubly-refractive fat bodies in urine
Optional: Renal Biopsy

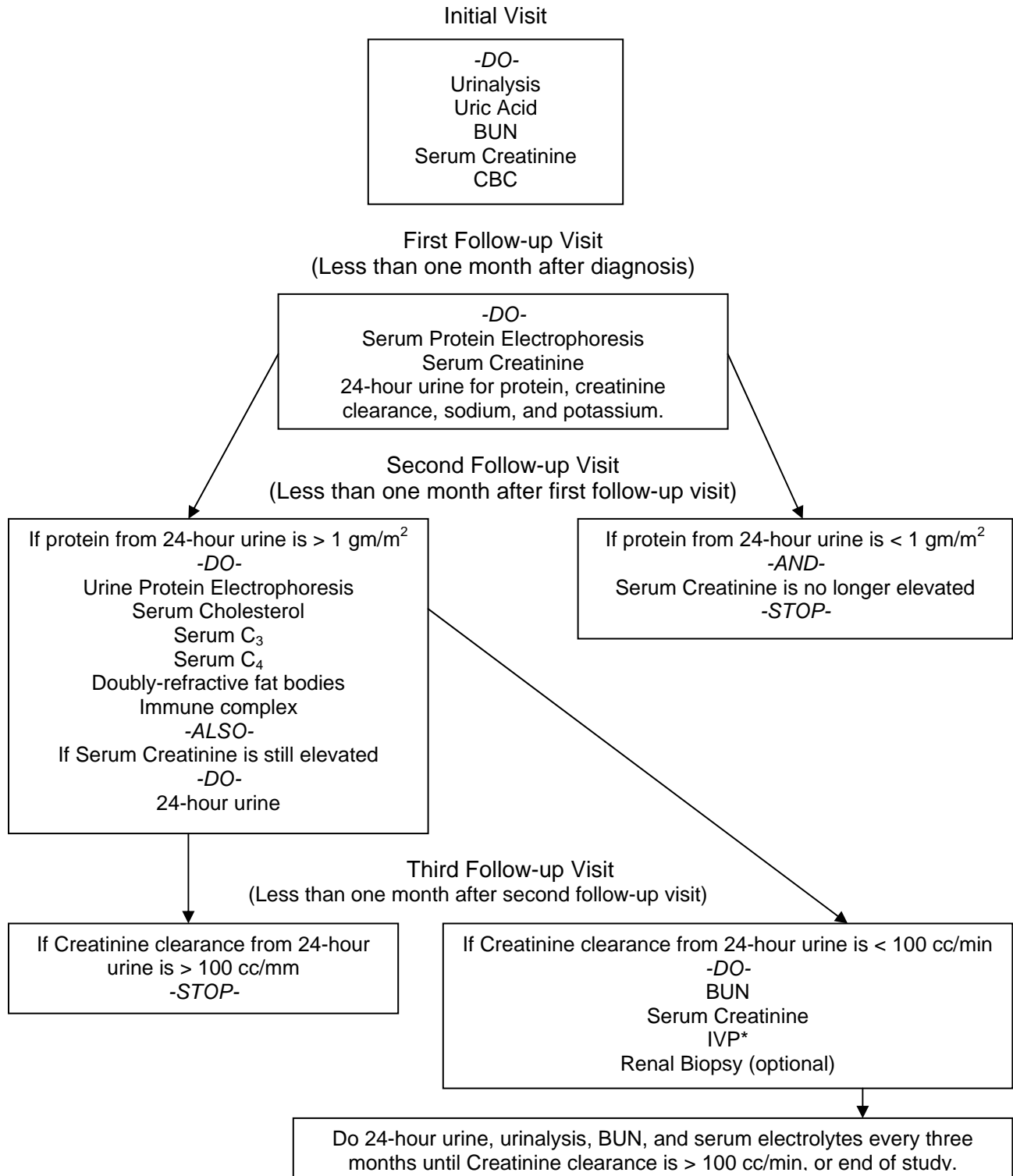
If Urine Protein < 1 gm/m²
-STOP-

Do 24-hour urine and urinalysis every month until three months from diagnosis, then every six months until the end of the study.

Note: Renal scan and plasma renin determination are optional if patient has a history of hypertension (diastolic blood pressure \geq 90 mm Hg on two consecutive visits).

Renal Insufficiency Chart

8.1.3: Renal Complications Follow-up Form – Form 71
Proteinuria and Renal Insufficiency



*Abdominal film should be performed to determine renal size if the BUN is too high for the IVP to be performed.

Note: Renal scan and plasma renin determination are optional if patient has a history of hypertension (diastolic blood pressure ≥ 90 mm Hg on two consecutive visits).

**8.1.3: Renal Complications Follow-up Form – Form 71
Proteinuria and Renal Insufficiency**

- B. List of variables deleted **F71DATE F71INIT F71NDATE F71LASTU F71LASTE
F71ESTAT F71VDATE F71FCB F71URDT F71SERDT F71SCDT F71BUNDT
F71SEEDT F71UPDT F71SECDT F71SRC3D F71SRC4D F71DRFDT
F71INCDT F71UPIDT F71IVPDT F71ABDDT F71REBDT F71RSCDT
F71PLADT**
- C. List of variables modified **NONE**
- D. List of variables modified with a name change **NONE**
- E. Old name
- F. New name
- G. List of variables modified date to days since DOE
- H. Old name **F71DATE F71URDT F71SERDT F71SCDT F71BUNDT
F71SEEDT F71UPDT F71SECDT F71SRC3D F71SRC4D F71DRFDT
F71INCDT F71UPIDT F71IVPDT F71ABDDT F71REBDT F71RSCDT
F71PLADT**
- I. New name **JF71DATE JF71URDT J71SERDT JF71SCDT J71BUNDT
J71SEEDT JF71UPDT J71SECDT J71SRC3D J71SRC4D J71DRFDT
J71INCDT J71UPIDT J71IVPDT J71ABDDT J71REBDT J71RSCDT
F71PLADT**
- J. Data Collection Period: 10/82 – 09/88
Form 71 was used between 10/82 and 06/86 for all patients and continued to be used for patients entered at less than 6 months of age through 09/88.
- K. Form Version Dates: 09/16/82
- L. Files Used to Store Information:
SAS System File: **R71.SD2**
Format File: **R71.FMT**
- M. Unique Record Identifiers: **ANONID, F71DATE, F71VISIT**
Records within the dataset are sorted by **ANONID, F71DATE** (date of initial Form 62 for event), and **F71VISIT** (follow-up visit number).
- N. Number of Observations (Patients) in SAS Dataset: 79 (37)
- O. Contents of SAS Dataset:
- Alphabetical Listing of Variables: See pp. 77-79

8.1.3: Renal Complications Follow-up Form – Form 71 Proteinuria and Renal Insufficiency

- Listing of Variables by Position: See pp. 80-82

P. Notes About Selected Variables: None

Q. Computed Variables: None

R. Inter-Relationship With Other Datasets:

1. Renal event data were also collected on

Phase 1 Forms	SAS Dataset	See Section
Form 62	R62.SD2	8.1.1
Form 70	R70.SD2	8.1.2

2. Renal function test data, urinalysis, and/or urine culture results were also collected on routine visit forms.

Phase 1 Forms	SAS Dataset	See Section
Form 12	R1222.SD2	4.4
Forms 19, 20, 22, 24	R1722.SD2	4.5
Form 25	R25.SD2	4.6

3. Information regarding history of renal complications was also collected on

Phase 1 Forms	SAS Dataset	See Section
Form 10	R10.SD2	2.3
Form 26	R20.SD2	10.1

CODEBOOK FOR CSSCD FORM 71
RENAL COMPLICATIONS FOLLOW-UP FORM
(PROTEINURIA AND RENAL INSUFFICIENCY)

CSSCD FULL COHORT PATIENTS

CONTENTS OF SAS DATASET: R71.SD2

DATA FROM CSSCD FORM 71 - RENAL COMPLICATIONS FOLLOW-UP FORM

for PROTEINURIA AND RENAL INSUFFICIENCY

VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION

IN THE SAS DATASET AND ON FORM 71

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Data Set Name	OUT1.R71	Observations	79
Member Type	DATA	Variables	82
Engine	V9	Indexes	0
Created	12:27 Wednesday, February 7, 2007	Observation Length	656
Last Modified	12:27 Wednesday, February 7, 2007	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information

Data Set Page Size	16384
Number of Data Set Pages	4
First Data Page	1
Max Obs per Page	24
Obs in First Data Page	8
Number of Data Set Repairs	0
File Name	r71.sas7bdat
Release Created	9.0000MO
Host Created	XP_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	ANONID	Char	8	ANONYMIZED ID #
54	F71ABDDN	Num	8	ABDOMINAL FILM DONE
10	F71ACODE	Num	8	ANTIBIOTICS CODE
23	F71ALBM1	Num	8	ALBUMIN
40	F71ALBM2	Num	8	ALBUMIN
24	F71ALP11	Num	8	ALPHA-ONE GLOBULIN
41	F71ALP12	Num	8	ALPHA-ONE GLOBULIN
25	F71ALP21	Num	8	ALPHA-TWO GLOBULIN
42	F71ALP22	Num	8	ALPHA-TWO GLOBULIN
6	F71ANTIB	Num	8	ANTIBIOTICS
26	F71BETA1	Num	8	BETA GLOBULIN
43	F71BETA2	Num	8	BETA GLOBULIN
35	F71BUN	Num	8	BUN
30	F71CC	Num	8	CREATININE CLEARANCE
38	F71CL	Num	8	CL-
39	F71CO2	Num	8	CO2
34	F71CRTN	Num	8	SERUM CREATININE

CODEBOOK FOR CSSCD FORM 71
RENAL COMPLICATIONS FOLLOW-UP FORM
(PROTEINURIA AND RENAL INSUFFICIENCY)
CSSCD FULL COHORT PATIENTS

9	F71DCODE	Num	8	DIURETIC CODE
14	F71DIA	Num	8	BLOOD PRESSURE - DIASTOLIC
5	F71DIUR	Num	8	DIURETICS
48	F71DRFBU	Num	8	DOUBLY REFRACTIVE FAT PRESENT
52	F71DRIP	Num	8	IVP DRIP
4	F71DRUGS	Num	8	DRUG THERAPY
59	F71ELECT	Num	8	ELECTRON MICROSCOPY
27	F71GAMA1	Num	8	GAMMA GLOBULIN
44	F71GAMA2	Num	8	GAMMA GLOBULIN
58	F71HISTO	Num	8	HISTOPATHOLOGIC

CODEBOOK FOR CSSCD FORM 71
RENAL COMPLICATIONS FOLLOW-UP FORM
(PROTEINURIA AND RENAL INSUFFICIENCY)
 CSSCD FULL COHORT PATIENTS

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Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
49	F71IMMCO	Num	8	IMMUNE COMPLEX
60	F71IMMUN	Num	8	IMMUNOHISTOLOGIC FINDINGS
51	F71IVP	Num	8	IVP DONE
53	F71IVPNA	Num	8	IVP NORMAL
33	F71K1	Num	8	K+
37	F71K2	Num	8	K+
32	F71NA1	Num	8	NA+
36	F71NA2	Num	8	NA+
11	F71NCODE	Num	8	NEPHROTOXIC DRUG CODE
7	F71NEPHR	Num	8	NEPHROTOXIC DRUGS
12	F71OCODE	Num	8	OTHER DRUG CODE
8	F71ODRUG	Num	8	OTHER DRUGS
63	F71PLADN	Num	8	PLASMA RENIN DONE
64	F71PLASM	Num	8	PLASMA RENIN NGM-DL
31	F71PROT	Num	8	PROTEIN
56	F71REBIO	Num	8	RENAL BIOPSY DONE
57	F71REBLR	Num	8	RENAL BIOPSY LEFT RIGHT
55	F71RENSZ	Num	8	RENAL SIZE
62	F71RSCAN	Num	8	RENAL SCAN NORMAL
61	F71RSCD	Num	8	RENAL SCAN DONE
46	F71SC3	Num	8	SERUM C3
47	F71SC4	Num	8	SERUM C4
45	F71SCHOL	Num	8	SERUM CHOLESTEROL
13	F71SYS	Num	8	BLOOD PRESSURE - SYSTOLIC
3	F71TYPE	Num	8	TYPE OF COMPLICATION
50	F71UPIEP	Num	8	URINE PROTEIN IMMUNO ELECTROPHORESIS
22	F71URCH	Num	8	URINALYSIS MICROSCOPIC CASTS - HPF
19	F71URGL	Num	8	URINALYSIS GLUCOSE
28	F71URIDT	Num	8	24 HOUR URINE
20	F71URMR	Num	8	URINALYSIS MICROSCOPIC 20 RBC
21	F71URMW	Num	8	URINALYSIS MICROSCOPIC 20 WBC
17	F71URPH	Num	8	URINALYSIS PH
18	F71URPR	Num	8	URINALYSIS PROTEIN
15	F71URRC	Num	8	URINALYSIS RED COLOR
16	F71URSG	Num	8	URINALYSIS SPECIFIC GRAVITY
2	F71VISIT	Num	8	FOLLOW UP VISIT NUMBER
29	F71VOL	Num	8	VOLUME
79	J71ABDDT	Num	8	ABDOMINAL FILM DATE - RECODE DAYS SINCE DOE
69	J71BUNDT	Num	8	BUN DATE - RECODE DAYS SINCE DOE
75	J71DRFDT	Num	8	DOUBLY REFRACTIVE FAT DATE - RECODE DAYS SINCE DOE
76	J71INCDT	Num	8	IMMUNE COMPLEX DATE - RECODE DAYS SINCE DOE
78	J71IVPDT	Num	8	IVP DATE - RECODE DAYS SINCE DOE
82	J71PLADT	Num	8	PLASMA RENIN DATE - RECODE DAYS SINCE DOE
80	J71REBDT	Num	8	RENAL BIOPSY DATE - RECODE DAYS SINCE DOE
81	J71RSCDT	Num	8	RENAL SCAN DATE - RECODE DAYS SINCE DOE
72	J71SECDT	Num	8	SERUM CHOLESTEROL DATE - RECODE DAYS SINCE DOE

CODEBOOK FOR CSSCD FORM 71
RENAL COMPLICATIONS FOLLOW-UP FORM
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CSSCD FULL COHORT PATIENTS

70	J71SEEDT	Num	8	SERUM ELECTROLYTES DATE - RECODE DAYS SINCE DOE
67	J71SERDT	Num	8	SERUM PROTEIN DATE - RECODE DAYS SINCE DOE
73	J71SRC3D	Num	8	SERUM C3 DATE - RECODE DAYS SINCE DOE
74	J71SRC4D	Num	8	SERUM C4 DATE - RECODE DAYS SINCE DOE
77	J71UPIDT	Num	8	URINE PROTEIN IMMUNO ELECTROPHOR DATE - RECODE DAYS SINCE DOE
65	JF71DATE	Num	8	INITIAL FORM62 DATE - RECODE DAYS SINCE DOE
68	JF71SCDT	Num	8	SERUM CREATININE DATE - RECODE DAYS SINCE DOE
71	JF71UPDT	Num	8	URINE PROTEIN ELECTROPHORESIS DATE - RECODE DAYS SINCE DOE
66	JF71URDT	Num	8	URINALYSIS DATE - RECODE DAYS SINCE DOE

CODEBOOK FOR CSSCD FORM 71
RENAL COMPLICATIONS FOLLOW-UP FORM
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CSSCD FULL COHORT PATIENTS

* R71.FMT contains value labels for numerical codes assigned to
categorical*
* variables in the SAS dataset R71.SD2
*

****;

PROC FORMAT;

* FORMAT F71TYPE IS DEFINED FOR VARIABLE F71TYPE;

VALUE F71TYPE

1 = 'PROTEINURIA'
2 = 'RENAL INSUFF.';

* FORMAT NO_YES IS DEFINED FOR VARIABLES F71DRUGS F71DIUR F71ANTIB
F71NEPHR F71ODRUG;

VALUE NO_YES

1 = 'NO'
2 = 'YES';

* FORMAT PRES_ABS IS DEFINED FOR VARIABLES F71URRC F71URMW F71DRFBU;

VALUE PRES_ABS

1 = 'PRESENT'
2 = 'ABSENT';

* FORMAT F71URPR IS DEFINED FOR VARIABLE F71URPR;

VALUE F71URPR

1 = 'NEG.'
2 = 'TRACE'
3 = '1+'
4 = '2+'
5 = '3+'
6 = '4+';

* FORMAT F71URGL IS DEFINED FOR VARIABLE F71URGL;

VALUE F71URGL

CODEBOOK FOR CSSCD FORM 71
RENAL COMPLICATIONS FOLLOW-UP FORM
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CSSCD FULL COHORT PATIENTS

1 = 'NEG.'
2 = '1+'
3 = '2+'
4 = '3+'
5 = '4+';

* FORMAT F71URCH IS DEFINED FOR VARIABLE F71URCH;

VALUE F71URCH

1 = 'RBC'
2 = 'WBC'
4 = 'GRANULAR'
8 = 'HYALINE'
16 = 'ABSENT';

* FORMAT DONE IS DEFINED FOR VARIABLES F71IVP F71ABDDN F71REBIO
F71RSCD F71PLADN;

VALUE DONE

1 = 'NOT DONE'
2 = 'DONE';

* FORMAT NORM_ABN IS DEFINED FOR VARIABLES F71IVPNA F71RENSZ F71RSCAN;

VALUE NORM_ABN

1 = 'NORMAL'
2 = 'ABNORMAL';

* FORMAT F71UPIEP IS DEFINED FOR VARIABLE F71UPIEP;

VALUE F71UPIEP

1 = 'ALBUMIN'
2 = 'IGG'
4 = 'IGM'
8 = 'IGA'
16 = 'KAPPA CHAIN'
32 = 'LAMBDA CHAIN'
64 = 'OTHER'
128 = 'NONE';

* FORMAT F71DRIP IS DEFINED FOR VARIABLE F71DRIP;

VALUE F71DRIP

CODEBOOK FOR CSSCD FORM 71
RENAL COMPLICATIONS FOLLOW-UP FORM
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CSSCD FULL COHORT PATIENTS

1 = 'DRIP'
2 = 'NO';

* FORMAT F71REBLR IS DEFINED FOR VARIABLE F71REBLR;

VALUE F71REBLR

1 = 'RIGHT'
2 = 'LEFT';

* FORMAT YES_NO IS DEFINED FOR VARIABLES F71HISTO F71ELECT F71IMMUN;

VALUE YES_NO

1 = 'YES'
2 = 'NO';

* FORMAT

F71TYPE F71TYPE.
F71DRUGS F71DIUR F71ANTIB F71NEPHR F71ODRUG NO_YES.
F71URRC F71URMW F71DRFBU PRES_ABS.
F71URPR F71URPR.
F71URGL F71URGL.
F71URCH F71URCH.
F71IVP F71ABDDN F71REBIO F71RSCD F71PLADN DONE.
F71IVPNA F71RENSZ F71RSCAN NORM_ABN.
F71UPIEP F71UPIEP.
F71DRIP F71DRIP.
F71REBLR F71REBLR.
F71HISTO F71ELECT F71IMMUN YES_NO.;

RUN;
QUIT;

CODEBOOK FOR CSSCD FORM 71
RENAL COMPLICATIONS FOLLOW-UP FORM
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 CSSCD FULL COHORT PATIENTS

F71VISIT ----- FOLLOW UP VISIT NUMBER

type: numeric (float)
 range: [1,10] units: 1
 unique values: 10 coded missing: 0 / 79

tabulation:	Freq.	Value
	36	1
	15	2
	6	3
	5	4
	4	5
	4	6
	3	7
	2	8
	2	9
	2	10

F71VDATE ----- VERSION DATE **DELETED**

type: numeric (int)
 label: datelab
 range: [8294,8294] units: 1
 unique values: 1 coded missing: 0 / 79

tabulation:	Freq.	Numeric	Label
	79	8294	09/16/82

F71TYPE ----- TYPE OF COMPLICATION

type: numeric (float)
 label: F71TYPE
 range: [1,2] units: 1
 unique values: 2 coded missing: 0 / 79

tabulation:	Freq.	Numeric	Label
	54	1	PROTEINURIA
	25	2	RENAL INSUFF.

CODEBOOK FOR CSSCD FORM 71
RENAL COMPLICATIONS FOLLOW-UP FORM
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 CSSCD FULL COHORT PATIENTS

F71DRUGS ----- DRUG THERAPY

 type: numeric (float)
 label: F71DRUGS

 range: [1,2] units: 1
 unique values: 2 coded missing: 0 / 79

tabulation:	Freq.	Numeric	Label
	21	1	NO
	58	2	YES

F71DIUR ----- DIURETICS

 type: numeric (float)
 label: F71DIUR

 range: [1,2] units: 1
 unique values: 2 coded missing: 13 / 79

tabulation:	Freq.	Numeric	Label
	41	1	NO
	25	2	YES

F71DIUR:
 1. Required only if F71DRUGS=2.

F71ANTIB ----- ANTIBIOTICS

 type: numeric (float)
 label: F71ANTIB

 range: [1,2] units: 1
 unique values: 2 coded missing: 15 / 79

tabulation:	Freq.	Numeric	Label
	54	1	NO
	10	2	YES

F71ANTIB:
 1. Required only if F71DRUGS=2.

F71NEPHR ----- NEPHROTOXIC DRUGS

 type: numeric (float)
 label: F71NEPHR

 range: [1,2] units: 1
 unique values: 2 coded missing: 15 / 79

tabulation:	Freq.	Numeric	Label
	63	1	NO
	1	2	YES

F71NEPHR:
 1. Required only if F71DRUGS=2.

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RENAL COMPLICATIONS FOLLOW-UP FORM
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 CSSCD FULL COHORT PATIENTS

F710DRUG ----- OTHER DRUGS

type: numeric (float)
 label: F710DRUG
 range: [1,2] units: 1
 unique values: 2 coded missing: 13 / 79

tabulation:	Freq.	Numeric	Label
	15	1	NO
	51	2	YES

F710DRUG:

1. Required only if F71DRUGS=2.

F71DCODE ----- DIURETIC CODE

type: numeric (float)
 range: [306,999] units: 1
 unique values: 3 coded missing: 57 / 79

tabulation:	Freq.	Value
	19	306
	1	473
	2	999

F71DCODE:

1. See APPENDIX D for medication codes.

F71ACODE ----- ANTIBIOTICS CODE

type: numeric (float)
 range: [28,999] units: 1
 unique values: 5 coded missing: 70 / 79

tabulation:	Freq.	Value
	3	28
	1	367
	1	429
	1	430
	3	999

F71ACODE:

1. See APPENDIX D for medication codes.

F71NCODE ----- NEPHROTOXIC DRUG CODE

type: numeric (float)
 range: [480,480] units: 10
 unique values: 1 coded missing: 78 / 79

tabulation:	Freq.	Value
	1	480

F71NCODE:

1. See APPENDIX D for medication codes.

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F71SYS ----- BLOOD PRESSURE - SYSTOLIC

type: numeric (float)

range: [70,190] units: 1
unique values: 32 coded missing: 7 / 79

mean: 131.625
std. dev: 24.3776

percentiles:	10%	25%	50%	75%	90%
	104	110	130	150	165

F71DIA ----- BLOOD PRESSURE - DIASTOLIC

type: numeric (float)

range: [40,110] units: 1
unique values: 21 coded missing: 7 / 79

mean: 78.1111
std. dev: 16.246

percentiles:	10%	25%	50%	75%	90%
	56	70	80	90	100

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F71URRC ----- URINALYSIS RED COLOR

type: numeric (float)
label: F71URRC

range: [1,2] units: 1
unique values: 2 coded missing: 8 / 79

tabulation:	Freq.	Numeric	Label
	4	1	PRESENT
	67	2	ABSENT

F71URSG ----- URINALYSIS SPECIFIC GRAVITY

type: numeric (float)

range: [.055,1.019] units: .001
unique values: 16 coded missing: 15 / 79

mean: .996438
std. dev: .119602

percentiles:	10%	25%	50%	75%	90%
	1.007	1.009	1.012	1.014	1.015

F71URPH ----- URINALYSIS PH

type: numeric (float)

range: [4.5,8] units: .1
unique values: 8 coded missing: 10 / 79

mean: 5.82174
std. dev: .875293

percentiles:	10%	25%	50%	75%	90%
	5	5	6	6	7

F71URPR ----- URINALYSIS PROTEIN

type: numeric (float)
label: F71URPR

range: [1,6] units: 1
unique values: 6 coded missing: 9 / 79

tabulation:	Freq.	Numeric	Label
	5	1	NEG.
	5	2	TRACE
	9	3	1+
	12	4	2+
	20	5	3+
	19	6	4+

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F71URGL ----- URINALYSIS GLUCOSE

```

      type: numeric (float)
      label: F71URGL

      range: [1,5]                units: 1
unique values: 4                  coded missing: 8 / 79

      tabulation: Freq.  Numeric  Label
                  65         1  NEG.
                  4          2  1+
                  1          3  2+
                  1          5  4+
  
```

F71URMR ----- URINALYSIS MICROSCOPIC 20 RBC

```

      type: numeric (float)

      range: [1,2]                units: 1
unique values: 2                  coded missing: 10 / 79

      tabulation: Freq.  Value
                  2      1
                  67     2
  
```

F71URMW ----- URINALYSIS MICROSCOPIC 20 WBC

```

      type: numeric (float)
      label: F71URMW

      range: [1,2]                units: 1
unique values: 2                  coded missing: 10 / 79

      tabulation: Freq.  Numeric  Label
                  10         1  PRESENT
                  59         2  ABSENT
  
```

F71URCH ----- URINALYSIS MICROSCOPIC CASTS - HPF

```

      type: numeric (float)
      label: F71URCH

      range: [4,16]              units: 1
unique values: 5                  coded missing: 13 / 79

      tabulation: Freq.  Numeric  Label
                  0         1  RBC(1)
                  0         2  WBC(2)
                  5         4  GRANULAR(4)
                  1         8  HYALINE(8)
                  1         10
                  1         12
                  58        16  ABSENT(16)
  
```

F71URCH:

1. BINARY CODED VARIABLE: See explanation for 'binary coding' in PART II.

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 CSSCD FULL COHORT PATIENTS

F71ALBM1 ----- ALBUMIN

type: numeric (float)

range: [.1,68] units: .1
 unique values: 10 coded missing: 69 / 79

mean: 20.83
 std. dev: 29.9091

percentiles:	10%	25%	50%	75%	90%
	1	2.1	3	56.1	67.8

F71ALP11 ----- ALPHA-ONE GLOBULIN

type: numeric (float)

range: [.2,8] units: .1
 unique values: 6 coded missing: 71 / 79

mean: 3.075
 std. dev: 2.41942

percentiles:	10%	25%	50%	75%	90%
	.2	1.45	3	3.75	8

F71ALP21 ----- ALPHA-TWO GLOBULIN

type: numeric (float)

range: [.5,7] units: .1
 unique values: 6 coded missing: 73 / 79

mean: 2.9
 std. dev: 2.42652

percentiles:	10%	25%	50%	75%	90%
	.5	.6	2.65	4	7

F71BETA1 ----- BETA GLOBULIN

type: numeric (float)

range: [.6,8] units: .1
 unique values: 8 coded missing: 70 / 79

mean: 2.95556
 std. dev: 2.84434

percentiles:	10%	25%	50%	75%	90%
	.6	.8	1.7	5	8

CODEBOOK FOR CSSCD FORM 71
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 CSSCD FULL COHORT PATIENTS

F71GAMA1 ----- GAMMA GLOBULIN

type: numeric (float)

range: [1.1,19.4] units: .1
 unique values: 9 coded missing: 69 / 79

mean: 6.27
 std. dev: 7.69272

percentiles:	10%	25%	50%	75%	90%
	1.25	1.5	1.65	13	19.2

F71VOL ----- VOLUME

type: numeric (float)

range: [390,3480] units: 1
 unique values: 29 coded missing: 44 / 79

mean: 1752.8
 std. dev: 747.131

percentiles:	10%	25%	50%	75%	90%
	800	1251	1646	2400	2750

F71CC ----- CREATININE CLEARANCE

type: numeric (float)

range: [1,140] units: 1
 unique values: 26 coded missing: 48 / 79

mean: 55
 std. dev: 32.5361

percentiles:	10%	25%	50%	75%	90%
	22	37	50	80	103

F71PROT ----- PROTEIN

type: numeric (float)

range: [.1,9.99] units: .01
 unique values: 33 coded missing: 44 / 79

mean: 2.91257
 std. dev: 2.54119

percentiles:	10%	25%	50%	75%	90%
	.5	.91	2.35	3.8	6.9

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F71NA1 ----- NA+

type: numeric (float)

range: [20,197] units: 1

unique values: 21 coded missing: 51 / 79

mean: 103.464

std. dev: 51.395

percentiles: 10% 25% 50% 75% 90%

 22 50.5 136 140 142

F71NA1:
 1. Required only if F71TYPE=2.

F71K1 ----- K+

type: numeric (float)

range: [1.4,6.5] units: .1

unique values: 12 coded missing: 62 / 79

mean: 4.65294

std. dev: 1.24956

percentiles: 10% 25% 50% 75% 90%

 3.4 4.2 4.7 5.3 6.3

F71K1:
 1. Required only if F71TYPE=2.

F71CRTN ----- SERUM CREATININE

type: numeric (float)

range: [.4,23.1] units: .1

unique values: 39 coded missing: 25 / 79

mean: 3.9037

std. dev: 4.6537

percentiles: 10% 25% 50% 75% 90%

 .7 1.3 2.1 4.3 9.7

F71CRTN:
 1. Required only if F71TYPE=2.
 2. Required at each follow-up visit until <1.5 mg/dl for adults, or < 0.8 mg/dl for patients <10.

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RENAL COMPLICATIONS FOLLOW-UP FORM
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 CSSCD FULL COHORT PATIENTS

F71BUN ----- BUN

```

    type: numeric (float)

    range: [5,313]                units: 1
unique values: 39                coded missing: 25 / 79

    mean: 44.6111
    std. dev: 49.1852

    percentiles:      10%      25%      50%      75%      90%
                     9        15      27.5    58       89
  
```

F71BUN:

1. Required at 3rd and subsequent follow-up visits for renal insufficiency.

F71NA2 ----- NA+

```

    type: numeric (float)

    range: [125,147]              units: 1
unique values: 16                coded missing: 27 / 79

    mean: 138.673
    std. dev: 4.31469

    percentiles:      10%      25%      50%      75%      90%
                     135     137     139     142     143
  
```

F71NA2:

1. Required only if F71TYPE=2.

F71K2 ----- K+

```

    type: numeric (float)

    range: [1,5.9]                units: .1
unique values: 27                coded missing: 26 / 79

    mean: 4.4566
    std. dev: 1.00566

    percentiles:      10%      25%      50%      75%      90%
                     3.5     4.1     4.5     5.1     5.5
  
```

F71K2:

1. Required only if F71TYPE=2.

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F71CL ----- CL-

type: numeric (float)

range: [6,111] units: 1
 unique values: 18 coded missing: 34 / 79

mean: 102.178
 std. dev: 15.5947

percentiles:	10%	25%	50%	75%	90%
	96	103	105	107	109

F71CL:
 1. Required only if F71TYPE=2.

F71C02 ----- C02

type: numeric (float)

range: [13,84] units: 1
 unique values: 18 coded missing: 27 / 79

mean: 24.0385
 std. dev: 9.56907

percentiles:	10%	25%	50%	75%	90%
	16	20	24	27	29

F71C02:
 1. Required only if F71TYPE=2.

F71ALBM2 ----- ALBUMIN

type: numeric (float)

range: [3.1,68] units: .1
 unique values: 4 coded missing: 75 / 79

mean: 47.375
 std. dev: 30.4795

percentiles:	10%	25%	50%	75%	90%
	3.1	27.25	59.2	67.5	68

F71ALBM2:
 1. Required at second follow-up visit if 24 hour urine protein > 1 gm/m2.

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F71ALP12 ----- ALPHA-ONE GLOBULIN

type: numeric (float)

range: [3,8] units: .1
unique values: 4 coded missing: 75 / 79

mean: 4.6
std. dev: 2.32666

percentiles:	10%	25%	50%	75%	90%
	3	3.1	3.7	6.1	8

F71ALP12:

1. Required at second follow-up visit if 24 hour urine protein > 1 gm/m2.

F71ALP22 ----- ALPHA-TWO GLOBULIN

type: numeric (float)

range: [3.3,7.1] units: .1
unique values: 4 coded missing: 75 / 79

mean: 4.85
std. dev: 1.65429

percentiles:	10%	25%	50%	75%	90%
	3.3	3.65	4.5	6.05	7.1

F71ALP22:

1. Required at second follow-up visit if 24 hour urine protein > 1 gm/m2.

F71BETA2 ----- BETA GLOBULIN

type: numeric (float)

range: [3.4,14.2] units: .1
unique values: 4 coded missing: 75 / 79

mean: 7.65
std. dev: 4.7648

percentiles:	10%	25%	50%	75%	90%
	3.4	4.2	6.5	11.1	14.2

F71BETA2:

1. Required at second follow-up visit if 24 hour urine protein > 1 gm/m2.

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F71GAMA2 ----- GAMMA GLOBULIN

type: numeric (float)

range: [2.1,19] units: .1
 unique values: 4 coded missing: 75 / 79

mean: 9.4
 std. dev: 8.02538

percentiles:	10%	25%	50%	75%	90%
	2.1	2.8	8.25	16	19

F71GAMA2:

1. Required at second follow-up visit if 24 hour urine protein > 1 gm/m2.

F71SCHOL ----- SERUM CHOLESTEROL

type: numeric (float)

range: [114,267] units: 1
 unique values: 18 coded missing: 60 / 79

mean: 170.632
 std. dev: 46.5215

percentiles:	10%	25%	50%	75%	90%
	114	127	170	208	232

F71SCHOL:

1. Required at second follow-up visit if 24 hour urine protein > 1 gm/m2.

F71SC3 ----- SERUM C3

type: numeric (float)

range: [24,175] units: 1
 unique values: 14 coded missing: 64 / 79

mean: 98.3333
 std. dev: 46.771

percentiles:	10%	25%	50%	75%	90%
	54	60	92	145	160

F71SC3:

1. Required at second follow-up visit if 24 hour urine protein > 1 gm/m2.

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 CSSCD FULL COHORT PATIENTS

F71SC4 ----- SERUM C4

type: numeric (float)

range: [9,57] units: 1
 unique values: 14 coded missing: 64 / 79

mean: 29.3333
 std. dev: 14.0136

percentiles: 10% 25% 50% 75% 90%
 10 19 31 42 46

F71SC4:

1. Required at second follow-up visit if 24 hour urine protein > 1 gm/m2.

F71DRFBU ----- DOUBLY REFRACTIVE FAT PRESENT

type: numeric (float)
 label: F71DRFBU

range: [1,2] units: 1
 unique values: 2 coded missing: 76 / 79

tabulation:	Freq.	Numeric	Label
	1	1	PRESENT
	2	2	ABSENT

F71DRFBU:

1. Required at second follow-up visit if 24 hour urine protein > 1 gm/m2.

F71IMMCO ----- IMMUNE COMPLEX

type: numeric (float)

range: [264.1,264.1] units: .1
 unique values: 1 coded missing: 78 / 79

tabulation:	Freq.	Value
	1	264.10001

F71IMMCO:

1. Required at second follow-up visit if 24 hour urine protein > 1 gm/m2.
2. Required only for renal insufficiency.

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F71UPIEP ----- URINE PROTEIN IMMUNO ELECTROPHORESIS

type: numeric (float)

label: F71UPIEP

range: [11,21]

units: 1

unique values: 2

coded missing: 77 / 79

tabulation:	Freq.	Numeric	Label
	0	1	ALBUMIN(1)
	0	2	IGG(2)
	0	4	IGM(4)
	0	8	IGA(8)
	1	11	
	0	16	KAPPA CHAIN(16)
	1	21	
	0	32	LAMBDA CHAIN(32)
	0	64	OTHER(64)
	0	128	NONE(128)

F71UPIEP:

1. BINARY CODED VARIABLE: See explanation for 'binary coding' in PART II.
2. Required only if F71TYPE=2.

8.2.1: Aseptic Necrosis – Form 64

F71IVP ----- IVP DONE

type: numeric (float)
label: F71IVP

range: [1,2] units: 1
unique values: 2 coded missing: 46 / 79

tabulation:	Freq.	Numeric	Label
	4	1	DONE
	29	2	NOT DONE

F71IVP:

1. Required only if third follow-up visit for renal insufficiency and creatinine clearance from second follow-up 24 hour urine \leq 100 cc/min.

F71DRIP ----- IVP DRIP

type: numeric (float)
label: F71DRIP

range: [1,1] units: 1
unique values: 1 coded missing: 78 / 79

tabulation:	Freq.	Numeric	Label
	1	1	DRIP

F71DRIP:

1. Required only if third follow-up visit for renal insufficiency and creatinine clearance from second follow-up 24 hour urine \leq 100 cc/min.

F71IVPNA ----- IVP NORMAL

type: numeric (float)
label: F71IVPNA

range: [1,2] units: 1
unique values: 2 coded missing: 76 / 79

tabulation:	Freq.	Numeric	Label
	1	1	NORMAL
	2	2	ABNORMAL

F71IVPNA:

1. Required only if third follow-up visit for renal insufficiency and creatinine clearance from second follow-up 24 hour urine \leq 100 cc/min.
2. Required only if F71IVP=1.

8.2.1: Aseptic Necrosis – Form 64

F71ABDDN ----- ABDOMINAL FILM DONE

type: numeric (float)
label: F71ABDDN

range: [1,2] units: 1
unique values: 2 coded missing: 39 / 79

tabulation:	Freq.	Numeric	Label
	6	1	DONE
	34	2	NOT DONE

F71ABDDN:

1. Required only if third follow-up visit for renal insufficiency and creatinine clearance from second follow-up 24 hour urine \leq 100 cc/min.
2. Required if BUN too high to perform IVP.

F71RENSZ ----- RENAL SIZE

type: numeric (float)
label: F71RENSZ

range: [1,2] units: 1
unique values: 2 coded missing: 75 / 79

tabulation:	Freq.	Numeric	Label
	2	1	NORMAL
	2	2	ABNORMAL

F71RENSZ:

1. Required only if F71ABDDN=1.

F71REBIO ----- RENAL BIOPSY DONE

type: numeric (float)
label: F71REBIO

range: [1,2] units: 1
unique values: 2 coded missing: 40 / 79

tabulation:	Freq.	Numeric	Label
	27	1	NOT DONE
	12	2	DONE

F71REBIO:

1. Optional following second follow-up visit for proteinuria or third follow up visit for renal insufficiency.

8.2.1: Aseptic Necrosis – Form 64

F71REBLR ----- RENAL BIOPSY LEFT RIGHT

type: numeric (float)
label: F71REBLR

range: [1,3] units: 1
unique values: 3 coded missing: 72 / 79

tabulation:	Freq.	Numeric	Label
	3	1	RIGHT
	3	2	LEFT
	1	3	BOTH

F71REBLR:

1. Required only if F71REBIO=2.

F71HISTO ----- HISTOPATHOLOGIC

type: numeric (float)
label: F71HISTO

range: [1,1] units: 1
unique values: 1 coded missing: 72 / 79

tabulation:	Freq.	Numeric	Label
	7	1	YES

F71ELECT ----- ELECTRON MICROSCOPY

type: numeric (float)
label: F71ELECT

range: [1,2] units: 1
unique values: 2 coded missing: 72 / 79

tabulation:	Freq.	Numeric	Label
	5	1	YES
	2	2	NO

F71IMMUN ----- IMMUNOHISTOLOGIC FINDINGS

type: numeric (float)
label: F71IMMUN

range: [1,2] units: 1
unique values: 2 coded missing: 73 / 79

tabulation:	Freq.	Numeric	Label
	5	1	YES
	1	2	NO

8.2.1: Aseptic Necrosis – Form 64

F71RSCD ----- RENAL SCAN DONE

type: numeric (float)
label: F71RSCD
range: [1,2] units: 1
unique values: 2 coded missing: 15 / 79
tabulation: Freq. Numeric Label
45 1 NOT DONE
19 2 DONE

F71RSCD:

1. Optional if history of hypertension (diastolic blood pressure ≥ 90 mm Hg on 2 consecutive visits).

F71RSCAN ----- RENAL SCAN NORMAL

type: numeric (float)
label: F71RSCAN
range: [1,2] units: 1
unique values: 2 coded missing: 74 / 79
tabulation: Freq. Numeric Label
1 1 NORMAL
4 2 ABNORMAL

F71RSCAN:

1. Required if F71RSCD=2.

F71PLADN ----- PLASMA RENIN DONE

type: numeric (float)
label: F71PLADN
range: [1,2] units: 1
unique values: 2 coded missing: 17 / 79
tabulation: Freq. Numeric Label
42 1 NOT DONE
20 2 DONE

F71PLADN:

1. Optional if history of hypertension (diastolic blood pressure ≥ 90 mm Hg on 2 consecutive visits).

F71PLASM ----- PLASMA RENIN NGM-DL

type: numeric (float)
range: [.,.] units: .
unique values: 0 coded missing: 79 / 79
tabulation: Freq. Value

F71PLASM:

1. Required if F71PLADN=2.

_dta:

1. Run on 08/25/99.

A. List of variables deleted **F64DATE F64INIT F64NDATE F64LASTU F64LASTE
F64ESTAT F64VDATE F64DFC F64FCB**

8.2.1: Aseptic Necrosis – Form 64

- B. List of variables modified **NONE**
- C. List of variables modified with a name change **NONE**
- D. Old name
- E. New name
- F. List of variables modified date to days since DOE
- G. Old name **F64DATE**
- H. New name **JF564DATE**
- I. Collection Information:

Form 64 (Aseptic Necrosis) was filled out whenever a study patient entered the clinic, emergency room, or hospital with:

Early radiographic findings of sub-epiphyseal lucency and widening of the joint space or late radiographic changes of flattening of the epiphysis and sclerosis with fragmentation.

The form was also filled out 1) if a study x-ray of the shoulder and/or hip demonstrated aseptic necrosis, as defined above, even if the patient was not complaining of pain or limitation in the affected joint(s) or 2) the condition had been diagnosed prior to entry and the x-rays performed as part of the entry evaluation confirmed the diagnosis. Once the condition was confirmed, follow-up visits and completion of Form 64 were required every six months for the duration of the study. Form 64 was also to be completed whenever the patient was seen for acute problems as a result of the condition. Patients who were previously diagnosed as having aseptic necrosis and had replacement of the affected joint by a prosthesis were to have a Form 64 completed at entry. Follow-up was required only if a problem occurred with that joint.

- J. Data Collection Period: 03/79 – 09/88

Form 64 was used between 03/79 and 06/86 for all patients and continued to be used for patients entered at < 6 months of age through 09/88.

- K. Form Version Dates: 03/01/79, 08/15/80

- L. Files Used to Store Information:

SAS System File: **R64.SD2**

Format File: **R64.FMT**

- M. Unique Record Identifiers: **ANONID, F64DATE**

Records within the SAS dataset are sorted by **ANONID** and **F64DATE**.

8.2.1: Aseptic Necrosis – Form 64

N. Number of Observations (Patients) in SAS Dataset: 2,697 (484)

O. Contents of SAS Dataset:

- Alphabetical Listing of Variables: See pp. 109-111
- Listing of Variables by Position: See pp. 112-113

8.2.1: Aseptic Necrosis – Form 64

H. Notes About Selected Variables:

- **F64SIT1-6** – are the variable names for sites of aseptic necrosis. Refer to Appendix F—Body Locator Charts/Site Code Lists—for sites other than the humerus or femur.
- **F64XCD1-6** – are the variable name for x-ray codes. Note that 733 codes are ICD-9 disease codes and “400” codes are x-ray diagnosis codes.
- **MED11-13, MED21-23, MED31-33, MED41-43, MED51-53, MED61-63** – are variable names for medications. Refer to Appendix D—Coded Drug List for codes.
- **F64LIMIT** – combines responses for two questions: whether the patient had any limitation of activity due to aseptic necrosis AND whether the patient currently uses any aids for the condition. If more than one aid was used, a code of 8 (other) was entered.

P. Computed Variables:

- **F64SITES** – is the variable name for number of sites of aseptic necrosis. The value was computed by counting the number of non-missing values for **F64SIT1-6**.

Q. Inter-Relationship With Other Datasets:

1. Data related to aseptic necrosis were also collected on

Phase 1 Forms	SAS Dataset	See Section
12,16, 20, 22, 75	<u>R75.SD2</u>	6.3
12, 22, 76	<u>R76.SD2</u>	6.4
83	<u>R83.SD2</u>	9.1
25	<u>R25.SD2</u>	4.6
	(variables: F10SURHP, F25DTEHP)	
10	<u>R10.SD2</u>	2.3
	(variables: F10ASNE, F10OPHR, F10OHPRD)	

2. In June 1983, clinics were instructed to forward x-rays used to make the diagnosis of aseptic necrosis to radiologists at the University of Tennessee for verification. Results of the review are stored in **R65.SD2** (See Section 8.2.2). X-rays for sites of aseptic necrosis which were diagnosed late in the study or reported on Form 64s received late in the study were not reviewed.

8.2.1: Aseptic Necrosis – Form 64

3. The following summary status variables are stored in the patient roster (case) dataset **R09.SD2**.

SHOULDER, HIP: x-ray status variables

ANDATE: Date of first aseptic necrosis form on database

VARDATE: (estimated) date of initial diagnosis of aseptic necrosis

CODEBOOK FOR CSSCD FORM 64

ASEPTIC NECROSIS FORM

CSSCD FULL COHORT PATIENTS

CONTENTS OF SAS DATASET: R64.SD2

DATA FROM CSSCD FORM 64 - ASEPTIC NECROSIS

VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION

IN THE SAS DATASET AND ON FORM 64

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Data Set Name	OUT1.R64	Observations	2697
Member Type	DATA	Variables	78
Engine	V9	Indexes	0
Created	12:37 Wednesday, February 7, 2007	Observation Length	624
Last Modified	12:37 Wednesday, February 7, 2007	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information

Data Set Page Size	16384
Number of Data Set Pages	105
First Data Page	1
Max Obs per Page	26
Obs in First Data Page	9
Number of Data Set Repairs	0
File Name	O:\decastat\EBP\CSSCD\Phase 1 LAD DEV\sd2anon\r64.sas7bdat
Release Created	9.0000M0
Host Created	XP_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	ANONID	Char	8	ANONYMIZED ID #
27	F64BED1	Num	8	BED REST FOR SITE 1
35	F64BED2	Num	8	BED REST FOR SITE 2
43	F64BED3	Num	8	BED REST FOR SITE 3
51	F64BED4	Num	8	BED REST FOR SITE 4
59	F64BED5	Num	8	BED REST FOR SITE 5
67	F64BED6	Num	8	BED REST FOR SITE 6
4	F64DDIAG	Num	8	DATE DIAGNOSED
3	F64DIAG	Num	8	DIAGNOSED BEFORE
73	F64HIPL	Num	8	L. HIP MOTION LIMITED DUE TO PAIN
74	F64HIPR	Num	8	R. HIP MOTION LIMITED DUE TO PAIN
71	F64LIMIT	Num	8	LIMITATION OF ACTIVITY
72	F64LOST	Num	8	LOST TIME FROM SCHOOL OR WORK
24	F64MED11	Num	8	MEDICATION CODE #1 - SITE 1
25	F64MED12	Num	8	MEDICATION CODE #2 - SITE 1
26	F64MED13	Num	8	MEDICATION CODE #3 - SITE 1
32	F64MED21	Num	8	MEDICATION CODE #1 - SITE 2
33	F64MED22	Num	8	MEDICATION CODE #2 - SITE 2
34	F64MED23	Num	8	MEDICATION CODE #3 - SITE 2

SECTION 8.2.1 ASEPTIC NECROSIS

FORM 64

CODEBOOK FOR CSSCD FORM 64

ASEPTIC NECROSIS FORM

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40	F64MED31	Num	8	MEDICATION CODE #1 - SITE 3
41	F64MED32	Num	8	MEDICATION CODE #2 - SITE 3
42	F64MED33	Num	8	MEDICATION CODE #3 - SITE 3
48	F64MED41	Num	8	MEDICATION CODE #1 - SITE 4
49	F64MED42	Num	8	MEDICATION CODE #2 - SITE 4
50	F64MED43	Num	8	MEDICATION CODE #3 - SITE 4
56	F64MED51	Num	8	MEDICATION CODE #1 - SITE 5
57	F64MED52	Num	8	MEDICATION CODE #2 - SITE 5

CODEBOOK FOR CSSCD FORM 64
ASEPTIC NECROSIS FORM
 CSSCD FULL COHORT PATIENTS

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Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
58	F64MED53	Num	8	MEDICATION CODE #3 - SITE 5
64	F64MED61	Num	8	MEDICATION CODE #1 - SITE 6
65	F64MED62	Num	8	MEDICATION CODE #2 - SITE 6
66	F64MED63	Num	8	MEDICATION CODE #3 - SITE 6
11	F64PAIN1	Num	8	PAIN PRESENT AT SITE 1
12	F64PAIN2	Num	8	PAIN PRESENT AT SITE 2
13	F64PAIN3	Num	8	PAIN PRESENT AT SITE 3
14	F64PAIN4	Num	8	PAIN PRESENT AT SITE 4
15	F64PAIN5	Num	8	PAIN PRESENT AT SITE 5
16	F64PAIN6	Num	8	PAIN PRESENT AT SITE 6
30	F64RSLT1	Num	8	RESULTS - SITE 1
38	F64RSLT2	Num	8	RESULTS - SITE 2
46	F64RSLT3	Num	8	RESULTS - SITE 3
54	F64RSLT4	Num	8	RESULTS - SITE 4
62	F64RSLT5	Num	8	RESULTS - SITE 5
70	F64RSLT6	Num	8	RESULTS - SITE 6
75	F64SHLDL	Num	8	L. SHOULDER MOTION LIMITED DUE TO PAIN
76	F64SHLDR	Num	8	R. SHOULDER MOTION LIMITED DUE TO PAIN
5	F64SIT1	Num	8	CODE FOR AN SITE 1
6	F64SIT2	Num	8	CODE FOR AN SITE 2
7	F64SIT3	Num	8	CODE FOR AN SITE 3
8	F64SIT4	Num	8	CODE FOR AN SITE 4
9	F64SIT5	Num	8	CODE FOR AN SITE 5
10	F64SIT6	Num	8	CODE FOR AN SITE 6
77	F64SITES	Num	8	NUMBER OF SITES
29	F64SURG1	Num	8	SURGERY - SITE 1
37	F64SURG2	Num	8	SURGERY - SITE 2
45	F64SURG3	Num	8	SURGERY - SITE 3
53	F64SURG4	Num	8	SURGERY - SITE 4
61	F64SURG5	Num	8	SURGERY - SITE 5
69	F64SURG6	Num	8	SURGERY - SITE 6
28	F64TRAN1	Num	8	TRANSFUSION - SITE 1
36	F64TRAN2	Num	8	TRANSFUSION - SITE 2
44	F64TRAN3	Num	8	TRANSFUSION - SITE 3
52	F64TRAN4	Num	8	TRANSFUSION - SITE 4
60	F64TRAN5	Num	8	TRANSFUSION - SITE 5
68	F64TRAN6	Num	8	TRANSFUSION - SITE 6
23	F64TRET1	Num	8	TREATMENT AT SITE 1
31	F64TRET2	Num	8	TREATMENT AT SITE 2
39	F64TRET3	Num	8	TREATMENT AT SITE 3
47	F64TRET4	Num	8	TREATMENT AT SITE 4
55	F64TRET5	Num	8	TREATMENT AT SITE 5
63	F64TRET6	Num	8	TREATMENT AT SITE 6
2	F64TYPE	Num	8	TYPE OF VISIT
17	F64XCD1	Num	8	X-RAY CODE AT SITE 1
18	F64XCD2	Num	8	X-RAY CODE AT SITE 2
19	F64XCD3	Num	8	X-RAY CODE AT SITE 3

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20	F64XCD4	Num	8	X-RAY CODE AT SITE 4
21	F64XCD5	Num	8	X-RAY CODE AT SITE 5
22	F64XCD6	Num	8	X-RAY CODE AT SITE 6
78	JF64DATE	Num	8	DATE PATIENT SEEN - RECODE DAYS SINCE DOE

CODEBOOK FOR CSSCD FORM 64

ASEPTIC NECROSIS FORM

CSSCD FULL COHORT PATIENTS

* R64.FMT contains value labels for numerical codes assigned to
categorical*

* variables in the SAS dataset R64.SD2

*

*****;

* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD 07/01/99 14:31:08;

PROC FORMAT;

* FORMAT T5X IS DEFINED FOR VARIABLE F64TYPE;

VALUE T5X

1	= 'INITIAL'
2	= 'FOLLOW-UP'
3	= 'ACUTE FLARE-UP';

* FORMAT T6X IS DEFINED FOR VARIABLE F64DIAG;

VALUE T6X

1	= 'NO'
2	= 'YES'
3	= 'YES-UNCONFIRMED'
4	= 'YES-CONFIRMED';

* FORMAT SIT is used for the following variables: F64SIT1 F64SIT2
F64SIT3 F64SIT4
F64SIT5 F64SIT6;

VALUE SIT

99	= 'R. HUMERUS-ANT.'
103	= 'L. HUMERUS-ANT.'
113	= 'R. HUMERUS-POST.'
109	= 'L. HUMERUS-POST.'
260	= 'R. FEMUR-ANT.'
262	= 'L. FEMUR-ANT.'
272	= 'R. FEMUR-POST.'
270	= 'L. FEMUR-POST.';

* FORMAT PAIN is used for the following variables: F64PAIN1 F64PAIN2
F64PAIN3 F64PAIN4
F64PAIN5 F64PAIN6;

VALUE PAIN

1	= 'NO PAIN'
2	= 'YES PAIN';

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* FORMAT NDKY is used for the following variables: F64TRET1 F64TRET2
F64TRET3 F64TRET4
F64TRET5 F64TRET6;

VALUE NDKY

1 = 'NO'
2 = 'DK'
3 = 'YES';

* FORMAT T20X IS DEFINED FOR VARIABLE F64MED11;

VALUE T20X

-1 = 'NO MED.'
999 = 'MISSING CODE';

* FORMAT TRAC is used for the following variables: F64BED1 F64BED2
F64BED3 F64BED4
F64BED5 F64BED6;

VALUE TRAC

1 = 'NO'
2 = 'YES'
3 = 'TRACTION'
4 = 'NO TRACTION';

* FORMAT NO_YES is used for the following variables: F64TRAN1 F64SURG1
F64TRAN2 F64SURG2
F64TRAN3 F64SURG3
F64TRAN4 F64SURG4
F64TRAN5 F64SURG5
F64TRAN6 F64SURG6;

VALUE NO_YES

1 = 'NO'
2 = 'YES';

* FORMAT IMP is used for the following variables: F64RSLT1 F64RSLT2
F64RSLT3 F64RSLT4
F64RSLT5 F64RSLT6;

VALUE IMP

1 = 'IMPROVED'
2 = 'UNCHANGED'
3 = 'WORSE'
4 = 'INITIAL VISIT';

* FORMAT NM is used for the following variables: F64MED21 F64MED31
F64MED41 F64MED51

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F64MED61;

VALUE NM
-1 = 'NO MED.';

* FORMAT T55X IS DEFINED FOR VARIABLE F64LIMIT;

VALUE T55X
1 = 'NO'
2 = 'DK'
3 = 'YES'
4 = 'WALKER'
5 = 'CANE'
6 = 'CRUTCH'
7 = 'ARM SLING'
8 = 'OTHER INCL. 2';

* FORMAT T56X IS DEFINED FOR VARIABLE F64LOST;

VALUE T56X
1 = 'NO'
2 = 'DK'
3 = 'NA'
4 = 'SCHOOL'
5 = 'WORK'
6 = 'BOTH';

* FORMAT FLEX is used for the following variables: F64HIPL F64HIPR;

VALUE FLEX
1 = 'FLEXION, KNEE STR.'
2 = 'FLEXION, KNEE BENT'
4 = 'EXTENSION'
8 = 'ABDUCTION'
16 = 'ADDUCTION'
32 = 'INTERNAL ROTATION'
64 = 'EXTERNAL ROTATION'
128 = 'NO';

* FORMAT FLEXS is used for the following variables: F64SHLDL F64SHLDR;

VALUE FLEXS
1 = 'FLEXION'
2 = 'EXTENSION'
4 = 'ABDUCTION'
8 = 'ADDUCTION'
16 = 'INTERNAL ROTATION'
32 = 'EXTERNAL ROTATION'
64 = 'NO';

* FORMAT F64TYPE T5X.
F64DIAG T6X.

SECTION 8.2.1 ASEPTIC NECROSIS

FORM 64

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F64SIT1 F64SIT2
F64SIT3 F64SIT4
F64SIT5 F64SIT6 SIT.
F64PAIN1 F64PAIN2
F64PAIN3 F64PAIN4
F64PAIN5 F64PAIN6 PAIN.
F64TRET1 F64TRET2
F64TRET3 F64TRET4
F64TRET5 F64TRET6 NDKY.
F64MED11 T20X.
F64BED1 F64BED2
F64BED3 F64BED4
F64BED5 F64BED6 TRAC.
F64TRAN1 F64SURG1
F64TRAN2 F64SURG2
F64TRAN3 F64SURG3
F64TRAN4 F64SURG4
F64TRAN5 F64SURG5
F64TRAN6 F64SURG6 NO_YES.
F64RSLT1 F64RSLT2
F64RSLT3 F64RSLT4
F64RSLT5 F64RSLT6 IMP.
F64MED21 F64MED31
F64MED41 F64MED51
F64MED61 NM.
F64LIMIT T55X.
F64LOST T56X.
F64HIPL F64HIPR FLEX.
F64SHLDL F64SHLDR FLEXS.;

RUN;
QUIT;

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F64VDATE ----- VERSION DATE DELETED

type: numeric (float)
 label: datelab

range: [6999,7532] units: 1
 unique values: 2 coded missing: 0 / 2697

tabulation:	Freq.	Numeric	Label
	418	6999	03/01/79
	2279	7532	08/15/80

F64TYPE ----- TYPE OF VISIT

type: numeric (float)
 label: F64TYPE

range: [1,3] units: 1
 unique values: 3 coded missing: 1 / 2697

tabulation:	Freq.	Numeric	Label
	494	1	INITIAL
	2162	2	FOLLOW-UP
	40	3	ACUTE FLARE-UP

F64DIAG ----- DIAGNOSED BEFORE

type: numeric (float)
 label: F64DIAG

range: [1,4] units: 1
 unique values: 3 coded missing: 2184 / 2697

tabulation:	Freq.	Numeric	Label
	302	1	NO
	158	2	YES
	53	4	YES-CONFIRMED

F64SIT1 ----- CODE FOR AN SITE 1

type: numeric (float)
 label: F64SIT1

range: [99,272] units: 1
 unique values: 10 coded missing: 0 / 2697

tabulation:	Freq.	Numeric	Label
	812	99	R. HUMERUS-ANT.
	183	103	L. HUMERUS-ANT.
	2	109	L. HUMERUS-POST.
	2	113	R. HUMERUS-POST.
	5	258	
	1063	260	R. FEMUR-ANT.
	618	262	L. FEMUR-ANT.
	1	268	
	2	270	L. FEMUR-POST.
	9	272	R. FEMUR-POST.

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F64SIT2 ----- CODE FOR AN SITE 2

type: numeric (float)
 label: F64SIT2

range: [99,698] units: 1
 unique values: 9 coded missing: 1146 / 2697

tabulation:	Freq.	Numeric	Label
	173	99	R. HUMERUS-ANT.
	584	103	L. HUMERUS-ANT.
	9	109	L. HUMERUS-POST.
	2	113	R. HUMERUS-POST.
	191	260	R. FEMUR-ANT.
	585	262	L. FEMUR-ANT.
	2	272	R. FEMUR-POST.
	4	292	
	1	698	

F64SIT3 ----- CODE FOR AN SITE 3

type: numeric (float)
 label: F64SIT3

range: [99,732] units: 1
 unique values: 10 coded missing: 2119 / 2697

tabulation:	Freq.	Numeric	Label
	122	99	R. HUMERUS-ANT.
	151	103	L. HUMERUS-ANT.
	1	113	R. HUMERUS-POST.
	1	258	
	209	260	R. FEMUR-ANT.
	89	262	L. FEMUR-ANT.
	1	264	
	1	272	R. FEMUR-POST.
	2	526	
	1	732	

F64SIT4 ----- CODE FOR AN SITE 4

type: numeric (float)
 label: F64SIT4

range: [99,272] units: 1
 unique values: 8 coded missing: 2381 / 2697

tabulation:	Freq.	Numeric	Label
	41	99	R. HUMERUS-ANT.
	80	103	L. HUMERUS-ANT.
	2	109	L. HUMERUS-POST.
	26	260	R. FEMUR-ANT.
	162	262	L. FEMUR-ANT.
	3	264	
	1	270	L. FEMUR-POST.
	1	272	R. FEMUR-POST.

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F64SIT5 ----- CODE FOR AN SITE 5

type: numeric (float)
 label: F64SIT5
 range: [209,631] units: 1
 unique values: 3 coded missing: 2693 / 2697

tabulation:	Freq.	Numeric	Label
	2	209	
	1	262	L. FEMUR-ANT.
	1	631	

F64SIT6 ----- CODE FOR AN SITE 6

type: numeric (float)
 label: F64SIT6b
 range: [264,264] units: 1
 unique values: 1 coded missing: 2696 / 2697

tabulation:	Freq.	Numeric	Label
	1	264	

F64PAIN1 ----- PAIN PRESENT AT SITE 1

type: numeric (float)
 label: F64PAIN1
 range: [1,2] units: 1
 unique values: 2 coded missing: 17 / 2697

tabulation:	Freq.	Numeric	Label
	1905	1	NO PAIN
	775	2	YES PAIN

F64PAIN2 ----- PAIN PRESENT AT SITE 2

type: numeric (float)
 label: F64PAIN2
 range: [1,2] units: 1
 unique values: 2 coded missing: 1152 / 2697

tabulation:	Freq.	Numeric	Label
	1204	1	NO PAIN
	341	2	YES PAIN

F64PAIN3 ----- PAIN PRESENT AT SITE 3

type: numeric (float)
 label: F64PAIN3
 range: [1,2] units: 1
 unique values: 2 coded missing: 2123 / 2697

tabulation:	Freq.	Numeric	Label
	459	1	NO PAIN
	115	2	YES PAIN

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F64PAIN4 ----- PAIN PRESENT AT SITE 4

type: numeric (float)
label: F64PAIN4

range: [1,2] units: 1
unique values: 2 coded missing: 2385 / 2697

tabulation:	Freq.	Numeric	Label
	240	1	NO PAIN
	72	2	YES PAIN

F64PAIN5 ----- PAIN PRESENT AT SITE 5

type: numeric (float)
label: F64PAIN5

range: [1,2] units: 1
unique values: 2 coded missing: 2691 / 2697

tabulation:	Freq.	Numeric	Label
	5	1	NO PAIN
	1	2	YES PAIN

F64PAIN6 ----- PAIN PRESENT AT SITE 6

type: numeric (float)
label: F64PAIN6

range: [2,2] units: 1
unique values: 1 coded missing: 2696 / 2697

tabulation:	Freq.	Numeric	Label
	1	2	YES PAIN

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F64XCD1 ----- X-RAY CODE AT SITE 1

type: numeric (float)
range: [413.44,999.99] units: .01
unique values: 21 coded missing: 2431 / 2697

tabulation: Freq.	Value	tabulation: Freq.	Value
1	413.44	2	442
2	414.41	129	442.44
52	414.44	1	442.45
1	415	5	443
1	415.41	8	443.44
10	415.42	3	444
25	415.44	1	444.42
1	416	2	733.41
1	424.44	2	733.42
1	441	15	999.99
3	441.44		

F64XCD1:
1. Mandatory for diagnosis and at exit.

F64XCD2 ----- X-RAY CODE AT SITE 2

type: numeric (float)
range: [414.41,999.99] units: .01
unique values: 14 coded missing: 2566 / 2697

tabulation: Freq.	Value	tabulation: Freq.	Value
1	414.41	39	442.44
46	414.44	1	443
1	415	2	443.44
1	415.41	1	444.42
7	415.42	1	733.41
21	415.44	1	733.42
1	434.44	8	999.99

F64XCD2:
1. Mandatory for diagnosis and at exit.

F64XCD3 ----- X-RAY CODE AT SITE 3

type: numeric (float)
range: [414.44,999.99] units: .01
unique values: 7 coded missing: 2643 / 2697

tabulation: Freq.	Value
15	414.44
1	415
10	415.44
1	441.44
24	442.44
1	733.42
2	999.99

F64XCD3:
1. Mandatory for diagnosis and at exit.

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F64XCD4 ----- X-RAY CODE AT SITE 4

type: numeric (float)
range: [414.44,999.99] units: .01
unique values: 7 coded missing: 2662 / 2697

tabulation: Freq. Value

9	414.44
1	415
3	415.44
1	441.44
19	442.44
1	733.42
1	999.99

F64XCD4:

1. Mandatory for diagnosis and at exit.

F64XCD5 ----- X-RAY CODE AT SITE 5

type: numeric (float)
range: [.,.] units: .
unique values: 0 coded missing: 2697 / 2697

tabulation: Freq. Value

F64XCD5:

1. Mandatory for diagnosis and at exit.

F64XCD6 ----- X-RAY CODE AT SITE 6

type: numeric (float)
range: [.,.] units: .
unique values: 0 coded missing: 2697 / 2697

tabulation: Freq. Value

F64XCD6:

1. Mandatory for diagnosis and at exit.

F64TRET1 ----- TREATMENT AT SITE 1

type: numeric (float)
label: F64TRET1
range: [1,3] units: 1
unique values: 3 coded missing: 11 / 2697

tabulation: Freq. Numeric Label

2009	1	NO
9	2	DK
668	3	YES

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F64MED11 ----- MEDICATION CODE #1 - SITE 1

type: numeric (float)
label: F64MED11

range: [-1,999] units: 1
unique values: 46 coded missing: 2065 / 2697

tab:	Freq.	Numeric	Label	tab:	Freq.	Numeric	Label
	111	-1	NO MED.		1	250	
	6	1			1	270	
	1	2			7	286	
	11	3			39	338	
	44	7			4	374	
	1	28			37	375	
	2	29			1	381	
	1	39			1	418	
	2	44			5	440	
	1	65			16	449	
	1	79			27	480	
	1	102			112	481	
	9	126			1	484	
	2	157			8	516	
	1	158			2	522	
	7	159			3	537	
	3	160			5	539	
	1	161			1	543	
	49	171			3	556	
	1	184			1	560	
	1	192			4	564	
	1	220			1	575	
	7	222			88	999	MISSING CODE

F64MED12 ----- MEDICATION CODE #2 - SITE 1

type: numeric (float)

range: [1,999] units: 1
unique values: 29 coded missing: 2570 / 2697

tab:	Freq.	Value	tab:	Freq.	Value
	4	1		4	374
	1	44		10	375
	1	126		4	382
	1	128		7	449
	1	144		1	471
	1	157		2	480
	4	159		26	481
	2	160		2	484
	11	171		3	516
	1	192		1	522
	2	279		1	537
	6	286		4	539
	1	337		1	564
	7	338		17	999
	1	371			

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F64MED13 ----- MEDICATION CODE #3 - SITE 1

type: numeric (float)
 range: [19,999] units: 1
 unique values: 19 coded missing: 2673 / 2697

tab: Freq.	Value	tab: Freq.	Value
2	19	1	375
1	41	1	382
1	126	1	480
1	157	1	481
1	160	2	516
1	171	1	537
2	192	1	543
1	286	1	556
1	338	3	999
1	374		

F64BED1 ----- BED REST FOR SITE 1

type: numeric (float)
 label: F64BED1
 range: [1,4] units: 1
 unique values: 4 coded missing: 2061 / 2697

tabulation: Freq.	Numeric	Label
427	1	NO
44	2	YES
19	3	TRACTION
146	4	NO TRACTION

F64TRAN1 ----- TRANSFUSION - SITE 1

type: numeric (float)
 label: F64TRAN1
 range: [1,2] units: 1
 unique values: 2 coded missing: 2075 / 2697

tabulation: Freq.	Numeric	Label
539	1	NO
83	2	YES

F64SURG1 ----- SURGERY - SITE 1

type: numeric (float)
 label: F64SURG1
 range: [1,2] units: 1
 unique values: 2 coded missing: 2066 / 2697

tabulation: Freq.	Numeric	Label
553	1	NO
78	2	YES

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F64RSLT1 ----- RESULTS - SITE 1

type: numeric (float)
label: F64RSLT1

range: [1,4] units: 1
unique values: 4 coded missing: 2232 / 2697

tabulation:	Freq.	Numeric	Label
	157	1	IMPROVED
	264	2	UNCHANGED
	42	3	WORSE
	2	4	INITIAL VISIT

F64RSLT1:

1. Required at follow-up visits, only.

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F64TRET2 ----- TREATMENT AT SITE 2

```

    type: numeric (float)
    label: F64TRET2
    range: [1,3]
    unique values: 3
    coded missing: 1150 / 2697
    units: 1
  
```

tabulation:	Freq.	Numeric	Label
	1226	1	NO
	7	2	DK
	314	3	YES

F64MED21 ----- MEDICATION CODE #1 - SITE 2

```

    type: numeric (float)
    label: F64MED21
    range: [-1,999]
    unique values: 38
    coded missing: 2397 / 2697
    units: 1
  
```

tab:	Freq.	Numeric	Label	tab:	Freq.	Numeric	Label
	34	-1	NO MED.		2	286	
	5	3			19	338	
	31	7			1	372	
	1	44			3	374	
	1	79			23	375	
	1	121			1	381	
	1	126			1	448	
	1	144			11	449	
	1	157			6	480	
	4	159			61	481	
	5	160			1	484	
	1	161			3	516	
	29	171			1	522	
	1	184			1	537	
	1	192			6	539	
	1	220			1	543	
	4	222			1	556	
	1	250			1	564	
	1	270			33	999	

F64MED22 ----- MEDICATION CODE #2 - SITE 2

```

    type: numeric (float)
    range: [126,999]
    unique values: 21
    coded missing: 2626 / 2697
    units: 1
  
```

tab:	Freq.	Value	tab:	Freq.	Value
	1	126		3	382
	1	144		5	449
	1	159		12	481
	2	160		1	484
	10	171		2	516
	1	279		1	522
	3	286		2	537
	1	337		4	539
	3	338		1	564
	4	374		7	999
	6	375			

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F64MED23 ----- MEDICATION CODE #3 - SITE 2

type: numeric (float)
 range: [19,999] units: 1
 unique values: 13 coded missing: 2681 / 2697

tabulation:	Freq.	Value
	2	19
	1	126
	1	157
	1	160
	3	192
	1	338
	1	375
	1	391
	1	480
	1	481
	1	537
	1	543
	1	999

F64BED2 ----- BED REST FOR SITE 2

type: numeric (float)
 label: F64BED2
 range: [1,4] units: 1
 unique values: 4 coded missing: 2390 / 2697

tabulation:	Freq.	Numeric	Label
	211	1	NO
	22	2	YES
	8	3	TRACTION
	66	4	NO TRACTION

F64TRAN2 ----- TRANSFUSION - SITE 2

type: numeric (float)
 label: F64TRAN2
 range: [1,2] units: 1
 unique values: 2 coded missing: 2398 / 2697

tabulation:	Freq.	Numeric	Label
	267	1	NO
	32	2	YES

F64SURG2 ----- SURGERY - SITE 2

type: numeric (float)
 label: F64SURG2
 range: [1,2] units: 1
 unique values: 2 coded missing: 2400 / 2697

tabulation:	Freq.	Numeric	Label
	268	1	NO
	29	2	YES

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F64RSLT2 ----- RESULTS - SITE 2

type: numeric (float)
label: F64RSLT2

range: [1,4] units: 1
unique values: 4 coded missing: 2439 / 2697

tabulation:	Freq.	Numeric	Label
	82	1	IMPROVED
	159	2	UNCHANGED
	12	3	WORSE
	5	4	INITIAL VISIT

F64RSLT2:

1. Required at follow-up visits, only.

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F64TRET3 ----- TREATMENT AT SITE 3

type: numeric (float)
 label: F64TRET3
 range: [1,3] units: 1
 unique values: 3 coded missing: 2128 / 2697
 tabulation: Freq. Numeric Label
 472 1 NO
 2 2 DK
 95 3 YES

F64MED31 ----- MEDICATION CODE #1 - SITE 3

type: numeric (float)
 label: F64MED31
 range: [-1,999] units: 1
 unique values: 19 coded missing: 2607 / 2697
 tab: Freq. Numeric Label
 5 -1 NO MED.
 6 7
 1 28
 1 79
 4 159
 1 160
 9 171
 3 222
 2 286
 10 338
 tab: Freq. Numeric Label
 1 374
 3 375
 3 449
 1 474
 2 480
 23 481
 2 522
 7 539
 6 999

F64MED32 ----- MEDICATION CODE #2 - SITE 3

type: numeric (float)
 range: [126,999] units: 1
 unique values: 14 coded missing: 2671 / 2697
 tab: Freq. Value
 1 126
 3 159
 1 160
 4 286
 1 338
 1 374
 2 375
 tab: Freq. Value
 1 382
 1 449
 4 481
 2 516
 3 539
 1 556
 1 999

F64MED33 ----- MEDICATION CODE #3 - SITE 3

type: numeric (float)
 range: [19,556] units: 1
 unique values: 5 coded missing: 2691 / 2697
 tabulation: Freq. Value
 2 19
 1 159
 1 160
 1 171
 1 556

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F64BED3 ----- BED REST FOR SITE 3

type: numeric (float)
label: F64BED3

range: [1,4] units: 1
unique values: 3 coded missing: 2609 / 2697

tabulation:	Freq.	Numeric	Label
	59	1	NO
	2	2	YES
	27	4	NO TRACTION

F64TRAN3 ----- TRANSFUSION - SITE 3

type: numeric (float)
label: F64TRAN3

range: [1,2] units: 1
unique values: 2 coded missing: 2607 / 2697

tabulation:	Freq.	Numeric	Label
	84	1	NO
	6	2	YES

F64SURG3 ----- SURGERY - SITE 3

type: numeric (float)
label: F64SURG3

range: [1,2] units: 1
unique values: 2 coded missing: 2609 / 2697

tabulation:	Freq.	Numeric	Label
	85	1	NO
	3	2	YES

F64RSLT3 ----- RESULTS - SITE 3

type: numeric (float)
label: F64RSLT3

range: [1,3] units: 1
unique values: 3 coded missing: 2614 / 2697

tabulation:	Freq.	Numeric	Label
	19	1	IMPROVED
	62	2	UNCHANGED
	2	3	WORSE

F64RSLT3:

1. Required at follow-up visits, only.

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F64TRET4 ----- TREATMENT AT SITE 4

type: numeric (float)
label: F64TRET4
range: [1,3] units: 1
unique values: 3 coded missing: 2398 / 2697

tabulation:	Freq.	Numeric	Label
	242	1	NO
	1	2	DK
	56	3	YES

F64MED41 ----- MEDICATION CODE #1 - SITE 4

type: numeric (float)
label: F64MED41
range: [-1,999] units: 1
unique values: 18 coded missing: 2644 / 2697

tab:	Freq.	Numeric	Label	tab:	Freq.	Numeric	Label
	2	-1	NO MED.		1	374	
	4	7			2	375	
	1	79			1	449	
	3	159			1	480	
	2	160			12	481	
	7	171			1	484	
	2	222			2	522	
	1	286			6	539	
	4	338			1	999	

F64MED42 ----- MEDICATION CODE #2 - SITE 4

type: numeric (float)
range: [126,539] units: 1
unique values: 11 coded missing: 2680 / 2697

tab:	Freq.	Value	tab:	Freq.	Value
	1	126		1	382
	4	159		1	481
	3	286		2	516
	1	338		1	519
	1	374		1	539
	1	375			

F64MED43 ----- MEDICATION CODE #3 - SITE 4

type: numeric (float)
range: [19,556] units: 1
unique values: 4 coded missing: 2691 / 2697

tabulation:	Freq.	Value
	2	19
	1	160
	1	481
	2	556

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ASEPTIC NECROSIS FORM - PAGE 5
CSSCD FULL COHORT PATIENTS

F64BED4 ----- BED REST FOR SITE 4

type: numeric (float)
label: F64BED4

range: [1,4] units: 1
unique values: 4 coded missing: 2650 / 2697

tabulation:	Freq.	Numeric	Label
	30	1	NO
	3	2	YES
	1	3	TRACTION
	13	4	NO TRACTION

F64TRAN4 ----- TRANSFUSION - SITE 4

type: numeric (float)
label: F64TRAN4

range: [1,2] units: 1
unique values: 2 coded missing: 2653 / 2697

tabulation:	Freq.	Numeric	Label
	40	1	NO
	4	2	YES

F64SURG4 ----- SURGERY - SITE 4

type: numeric (float)
label: F64SURG4

range: [1,2] units: 1
unique values: 2 coded missing: 2652 / 2697

tabulation:	Freq.	Numeric	Label
	42	1	NO
	3	2	YES

F64RSLT4 ----- RESULTS - SITE 4

type: numeric (float)
label: F64RSLT4

range: [1,3] units: 1
unique values: 3 coded missing: 2648 / 2697

tabulation:	Freq.	Numeric	Label
	6	1	IMPROVED
	42	2	UNCHANGED
	1	3	WORSE

F64RSLT4:

1. Required at follow-up visits, only.

CODEBOOK FOR CSSCD FORM 64
ASEPTIC NECROSIS FORM - PAGE 6
 CSSCD FULL COHORT PATIENTS

F64TRET5 ----- TREATMENT AT SITE 5

type: numeric (float)
 label: F64TRET5

range: [1,3] units: 1
 unique values: 2 coded missing: 2694 / 2697

tabulation:	Freq.	Numeric	Label
	2	1	NO
	1	3	YES

F64MED51 ----- MEDICATION CODE #1 - SITE 5

type: numeric (float)
 label: F64MED51

range: [484,484] units: 1
 unique values: 1 coded missing: 2696 / 2697

tabulation:	Freq.	Numeric	Label
	1	484	

F64MED52 ----- MEDICATION CODE #2 - SITE 5

type: numeric (float)

range: [286,286] units: 1
 unique values: 1 coded missing: 2696 / 2697

tabulation:	Freq.	Value
	1	286

F64MED53 ----- MEDICATION CODE #3 - SITE 5

type: numeric (float)

range: [19,19] units: 1
 unique values: 1 coded missing: 2696 / 2697

tabulation:	Freq.	Value
	1	19

F64BED5 ----- BED REST FOR SITE 5

type: numeric (float)
 label: F64BED5

range: [1,1] units: 1
 unique values: 1 coded missing: 2696 / 2697

tabulation:	Freq.	Numeric	Label
	1	1	NO

CODEBOOK FOR CSSCD FORM 64
ASEPTIC NECROSIS FORM - PAGE 6
CSSCD FULL COHORT PATIENTS

F64TRAN5 ----- TRANSFUSION - SITE 5

 type: numeric (float)
 label: F64TRAN5

 range: [1,1] units: 1
unique values: 1 coded missing: 2696 / 2697

 tabulation: Freq. Numeric Label
 1 1 NO

F64SURG5 ----- SURGERY - SITE 5

 type: numeric (float)
 label: F64SURG5

 range: [1,1] units: 1
unique values: 1 coded missing: 2696 / 2697

 tabulation: Freq. Numeric Label
 1 1 NO

F64RSLT5 ----- RESULTS - SITE 5

 type: numeric (float)
 label: F64RSLT5

 range: [.,.] units: .
unique values: 0 coded missing: 2697 / 2697

 tabulation: Freq. Numeric Label

F64RSLT5:

- 1. Required at follow-up visits, only.

CODEBOOK FOR CSSCD FORM 64
ASEPTIC NECROSIS FORM - PAGE 7
CSSCD FULL COHORT PATIENTS

F64TRET6 ----- TREATMENT AT SITE 6

type: numeric (float)
label: F64TRET6

range: [3,3] units: 1
unique values: 1 coded missing: 2696 / 2697

tabulation: Freq. Numeric Label
1 3 YES

F64MED61 ----- MEDICATION CODE #1 - SITE 6

type: numeric (float)
label: F64MED61

range: [449,449] units: 1
unique values: 1 coded missing: 2696 / 2697

tabulation: Freq. Numeric Label
1 449

F64MED62 ----- MEDICATION CODE #2 - SITE 6

type: numeric (float)

range: [286,286] units: 1
unique values: 1 coded missing: 2696 / 2697

tabulation: Freq. Value
1 286

F64MED63 ----- MEDICATION CODE #3 - SITE 6

type: numeric (float)

range: [19,19] units: 1
unique values: 1 coded missing: 2696 / 2697

tabulation: Freq. Value
1 19

F64BED6 ----- BED REST FOR SITE 6

type: numeric (float)
label: F64BED6

range: [1,1] units: 1
unique values: 1 coded missing: 2696 / 2697

tabulation: Freq. Numeric Label
1 1 NO

CODEBOOK FOR CSSCD FORM 64
ASEPTIC NECROSIS FORM - PAGE 7
CSSCD FULL COHORT PATIENTS

F64TRAN6 ----- TRANSFUSION - SITE 6

type: numeric (float)
label: F64TRAN6

range: [1,1] units: 1
unique values: 1 coded missing: 2696 / 2697

tabulation: Freq. Numeric Label
 1 1 NO

F64SURG6 ----- SURGERY - SITE 6

type: numeric (float)
label: F64SURG6

range: [1,1] units: 1
unique values: 1 coded missing: 2696 / 2697

tabulation: Freq. Numeric Label
 1 1 NO

F64RSLT6 ----- RESULTS - SITE 6

type: numeric (float)
label: F64RSLT6

range: [.,.] units: .
unique values: 0 coded missing: 2697 / 2697

tabulation: Freq. Numeric Label

F64RSLT6:

1. Required at follow-up visits, only.

CODEBOOK FOR CSSCD FORM 64
ASEPTIC NECROSIS FORM - PAGE 8
 CSSCD FULL COHORT PATIENTS

F64LIMIT ----- LIMITATION OF ACTIVITY

type: numeric (float)
 label: F64LIMIT

range: [1,8] units: 1
 unique values: 8 coded missing: 54 / 2697

tabulation:	Freq.	Numeric	Label
	2045	1	NO
	25	2	DK
	145	3	YES
	9	4	WALKER
	157	5	CANE
	105	6	CRUTCH
	5	7	ARM SLING
	152	8	OTHER INCL. 2

F64LOST ----- LOST TIME FROM SCHOOL OR WORK

type: numeric (float)
 label: F64LOST

range: [1,6] units: 1
 unique values: 6 coded missing: 328 / 2697

tabulation:	Freq.	Numeric	Label
	1483	1	NO
	19	2	DK
	665	3	NA
	70	4	SCHOOL
	102	5	WORK
	30	6	BOTH

F64LOST:
 1. Required at follow-up visits, only.

F64HIPL ----- L. HIP MOTION LIMITED DUE TO PAIN

type: numeric (float)
 label: F64HIPL

range: [1,128] units: 1
 unique values: 82 coded missing: 935 / 2697

tab:	Freq.	Numeric	Label	tab:	Freq.	Numeric	Label
	7	1	FLEXION, KNEE STR.		1	13	
	4	2	FLEXION, KNEE BENT		10	15	
	17	3			4	16	ADDUCTION
	6	4	EXTENSION		1	20	
	4	5			2	24	
	3	6			1	27	
	1	7			5	28	
	12	8	ABDUCTION		2	29	
	1	9			1	30	
	2	11			20	32	INTERNAL ROTATION
	6	12			4	34	

CODEBOOK FOR CSSCD FORM 64
ASEPTIC NECROSIS FORM - PAGE 8

CSSCD FULL COHORT PATIENTS

tab:	Freq.	Numeric	Label		tab:	Freq.	Numeric	Label
	3	35				3	97	
	1	36				1	98	
	7	40				3	99	
	4	43				2	100	
	1	44				1	101	
	2	45				11	103	
	1	47				13	104	
	3	48				2	105	
	3	51				2	106	
	1	52				3	107	
	2	53				2	108	
	3	56				3	109	
	5	59				1	110	
	1	62				9	111	
	2	63				3	112	
	11	64	EXTERNAL ROTATION			1	113	
	1	66				1	114	
	1	67				1	115	
	1	68				1	116	
	1	70				1	117	
	2	71				3	119	
	21	72				22	120	
	2	74				4	121	
	1	75				3	122	
	5	76				8	123	
	4	79				15	124	
	4	80				3	125	
	1	88				4	126	
	3	91				158	127	
	9	96				1258	128	NO

F64HIPL:

- 1. Binary coded variable. See Part II for explanation for binary coded variables.

F64HIPR ----- R. HIP MOTION LIMITED DUE TO PAIN

 type: numeric (float)
 label: F64HIPR

 range: [1,128] units: 1
 unique values: 91 coded missing: 875 / 2697

tab:	Freq.	Numeric	Label		tab:	Freq.	Numeric	Label
	9	1	FLEXION, KNEE STR.			1	14	
	2	2	FLEXION, KNEE BENT			4	15	
	21	3				7	16	ADDUCTION
	9	4	EXTENSION			1	17	
	4	5				2	18	
	3	6				1	20	
	2	7				3	24	
	9	8	ABDUCTION			2	25	
	1	10				2	27	
	5	11				3	28	
	2	12				2	29	

SECTION 8.2.1 ASEPTIC NECROSIS

FORM 64

CODEBOOK FOR CSSCD FORM 64
ASEPTIC NECROSIS FORM - PAGE 8
CSSCD FULL COHORT PATIENTS

tab:	Freq.	Numeric	Label	tab:	Freq.	Numeric	Label
	1	30			1	81	
	8	31			1	83	
	21	32	INTERNAL ROTATION		1	87	
	6	34			4	88	
	7	35			3	91	
	1	36			2	93	
	1	38			5	95	
	10	39			15	96	
	7	40			5	98	
	4	41			13	99	
	1	42			2	100	
	5	43			1	102	
	14	47			1	103	
	1	48			12	104	
	1	49			1	105	
	1	51			5	107	
	1	53			3	108	
	1	54			1	109	
	1	55			2	110	
	1	56			13	111	
	2	59			2	112	
	1	60			1	114	
	1	61			1	115	
	3	62			1	117	
	2	63			1	119	
	11	64	EXTERNAL ROTATION		14	120	
	1	71			4	121	
	17	72			2	122	
	3	73			12	123	
	1	74			14	124	
	4	75			1	125	
	1	76			5	126	
	2	78			179	127	
	17	79			1238	128	NO
	2	80					

F64HIPR:

1. Binary coded variable. See Part II for explanation of binary coded variables.

F64SHLDL ----- L. SHOULDER MOTION LIMITED DUE TO PAIN

 type: numeric (float)
 label: F64SHLDL

 range: [1,64] units: 1
 unique values: 41 coded missing: 993 / 2697

tab:	Freq.	Numeric	Label	tab:	Freq.	Numeric	Label
	3	1	FLEXION		2	8	ADDUCTION
	9	2	EXTENSION		2	10	
	13	4	ABDUCTION		1	11	
	4	5			2	12	
	4	6			2	14	
	2	7			3	15	

**CODEBOOK FOR CSSCD FORM 64
 ASEPTIC NECROSIS FORM - PAGE 8
 CSSCD FULL COHORT PATIENTS**

tab:	Freq.	Numeric	Label	tab:	Freq.	Numeric	Label
	1	16	INTERNAL ROTATION		1	44	
	1	18			3	46	
	1	20			3	48	
	2	23			1	49	
	1	24			5	50	
	1	30			1	51	
	1	31			7	52	
	5	32	EXTERNAL ROTATION		2	53	
	1	34			3	54	
	1	35			5	55	
	3	36			4	60	
	1	37			4	62	
	2	38			57	63	
	4	39			1532	64	NO
	4	42					

F64SHLDL:

1. Binary coded variable. See Part II for explanation of binary coded variables.

F64SHLDR ----- R. SHOULDER MOTION LIMITED DUE TO PAIN

type: numeric (float)
 label: F64SHLDR

range: [1,64]
 unique values: 37

units: 1
 coded missing: 953 / 2697

tab:	Freq.	Numeric	Label			
	8	1	FLEXION	1	46	
	8	2	EXTENSION	6	48	
	2	3		5	50	
	10	4	ABDUCTION	3	51	
	2	5		5	52	
	10	6		4	53	
	3	7		3	54	
	2	8	ADDUCTION	10	55	
	1	10		1	58	
	1	11		6	60	
	3	12		4	61	
	3	16	INTERNAL ROTATION	71	63	
	1	18		1543	64	NO
	1	23				
	4	24				
	1	27				
	1	28				
	6	32	EXTERNAL ROTATION			
	2	34				

tab:	Freq.	Numeric	Label
	3	36	
	2	37	
	4	39	
	1	40	
	3	42	

8.2.2: Aseptic Necrosis Central Review Results – “Form” 65

F64SHLDR:

1. Binary coded variable. See Part II for explanation of binary coded variables.

8.2.2: Aseptic Necrosis Central Review Results – “Form” 65

F64SITES ----- NUMBER OF SITES

type: numeric (float)

range: [1,6] units: 1
unique values: 6 coded missing: 0 / 2697

tabulation:	Freq.	Value
	1145	1
	976	2
	260	3
	312	4
	3	5
	1	6

_dta:

1. Created 8/9/2000.

- A. List of variables deleted **F65ESTAT**
- B. List of variables modified **NONE**
- C. List of variables modified with a name change **NONE**
- D. Old name
- E. New name
- F. List of variables modified date to days since DOE **NONE**
- G. Old name
- H. New name
- I. Collection Information:

“Form” 65 (Aseptic Necrosis Central Review Results) contains results of reviews of x-rays submitted for patients for whom at least one aseptic necrosis form (Form 64) was submitted. Clinics were instructed to forward x-rays used to make the diagnosis of aseptic necrosis to Dr. Alfred Kraus at the University of Tennessee for verification in June 1983. The reviewers were radiologists from the University of Tennessee. Many x-rays for sites of aseptic necrosis which were diagnosed late in the study or reported on Form 64s received late in the study were not reviewed.

- J. Data Collection Period: 03/79 – 07/83
- K. Form Version Dates: N/A
- L. Files Used to Store Information:
SAS System File: **R65.SD2**
Format File: **R65.FMT**

8.2.2: Aseptic Necrosis Central Review Results – “Form” 65

M. Unique Record Identifiers: **ANONID**

N. Number of Observations (Patients) in SAS Dataset: 502 (502)

O. Contents of SAS Dataset:

- Alphabetical Listing of Variables: See p. 145
- Listing of Variables by Position: See p. 146

P. Notes About Selected Variables: None

Q. Computed Variables: None

R. Inter-Relationship With Other Datasets:

1. Data related to aseptic necrosis were collected on

Phase 1 Forms	SAS Dataset	See Section
64	R64.SD2	8.2.1
12, 16, 20, 22, 75	R75.SD2	6.3
12, 22, 76	R76.SD2	6.4
83	R83.SD2	9.1
25	<u>R25.SD2</u> (variables: F25SURHP , F25DTEHP)	
10	<u>R10.SD2</u> (variables: F10ASNE , F10OPHR , F10OPHRD)	2.3

2. The following summary status variables are stored in the patient roster (case) dataset **R09.SD2**.

SHOULDER, HIP: x-ray status variables

ANDATE: date of first aseptic necrosis form on database

VARDATE: (estimated) date of initial diagnosis of aseptic necrosis

8.2.2: Aseptic Necrosis Central Review Results – “Form” 65

CODEBOOK FOR CSSCD "FORM" 65
ASEPTIC NECROSIS CENTRAL REVIEW RESULTS

CSSCD FULL COHORT PATIENTS

CONTENTS OF SAS DATASET: R65.SD2

DATA FROM CSSCD RECORD 65 - ASEPTIC NECROSIS CENTRAL REVIEW RESULTS
VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION
IN THE SAS DATASET

The SAS System 10:13 Monday, February 12, 2007 1

The CONTENTS Procedure

Data Set Name	OUT1.R65	Observations	502
Member Type	DATA	Variables	6
Engine	V9	Indexes	0
Created	16:50 Wednesday, February 7, 2007	Observation Length	48
Last Modified	16:50 Wednesday, February 7, 2007	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information

Data Set Page Size	4096
Number of Data Set Pages	7
First Data Page	1
Max Obs per Page	84
Obs in First Data Page	49
Number of Data Set Repairs	0
File Name	O:\decastat\EBP\CSSCD\Phase 1 LAD DEV\sd2anon\r65.sas7bdat
Release Created	9.0000M0
Host Created	XP_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	ANONID	Char	8	ANONYMIZED ID #
2	F65LHIP	Num	8	LEFT HIP CONFIRMED
4	F65LSHLD	Num	8	LEFT SHOULDER CONFIRMED
6	F65OTHER	Num	8	OTHER SITE CONFIRMED
3	F65RHIP	Num	8	RIGHT HIP CONFIRMED
5	F65RSHLD	Num	8	RIGHT SHOULDER CONFIRMED

SECTION 8.2.2 ASEPTIC NECROSIS CENTRAL REVIEW RESULTS

"FORM" 65

CODEBOOK FOR CSSCD "FORM" 65
ASEPTIC NECROSIS CENTRAL REVIEW RESULTS
CSSCD FULL COHORT PATIENTS

CODEBOOK FOR CSSCD "FORM" 65
ASEPTIC NECROSIS CENTRAL REVIEW RESULTS
CSSCD FULL COHORT PATIENTS

* R65.FMT contains value labels for numerical codes assigned to categorical*
* variables in the SAS dataset R65.SD2 *
*****;

* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD 12/24/99 12:27:12;

PROC FORMAT PRINT;

* FORMAT CONFIRM IS DEFINED FOR VARIABLES F65LHIP F65RHIP F65LSHLD F65RSHLD F65OTHER;

VALUE CONFIRM

0	= 'NOT APPLICABLE'
1	= 'APPLIC.-NOT REVIEWED'
2	= 'CONFIRMED'
3	= 'NOT CONFIRMED'
4	= 'NOT ON 64, + REVIEW'
5	= 'NO AN, CLINIC ERROR'
6	= 'PROSTHESIS';

8.3: Leg Ulceration – Form 60

F65LHIP ----- LEFT HIP CONFIRMED

type: numeric (float)
label: F65LHIP

range: [0,6] units: 1
unique values: 7 coded missing: 8 / 502

tabulation:	Freq.	Numeric	Label
	181	0	NOT APPLICABLE
	72	1	APPLIC.-NOT REVIEWED
	197	2	CONFIRMED
	24	3	NOT CONFIRMED
	6	4	NOT ON 64, + REVIEW
	1	5	NO AN, CLINIC ERROR
	13	6	PROSTHESIS

F65RHIP ----- RIGHT HIP CONFIRMED

type: numeric (float)
label: F65RHIP

range: [0,6] units: 1
unique values: 7 coded missing: 7 / 502

tabulation:	Freq.	Numeric	Label
	182	0	NOT APPLICABLE
	62	1	APPLIC.-NOT REVIEWED
	203	2	CONFIRMED
	31	3	NOT CONFIRMED
	9	4	NOT ON 64, + REVIEW
	2	5	NO AN, CLINIC ERROR
	6	6	PROSTHESIS

F65LSHLD ----- LEFT SHOULDER CONFIRMED

type: numeric (float)
label: F65LSHLD

range: [0,4] units: 1
unique values: 5 coded missing: 6 / 502

tabulation:	Freq.	Numeric	Label
	244	0	NOT APPLICABLE
	65	1	APPLIC.-NOT REVIEWED
	165	2	CONFIRMED
	9	3	NOT CONFIRMED
	13	4	NOT ON 64, + REVIEW

8.3: Leg Ulceration – Form 60

F65RSHLD ----- RIGHT SHOULDER CONFIRMED

type: numeric (float)
label: F65RSHLD

range: [0,5] units: 1
unique values: 6 coded missing: 8 / 502

tabulation:	Freq.	Numeric	Label
	231	0	NOT APPLICABLE
	57	1	APPLIC.-NOT REVIEWED
	187	2	CONFIRMED
	9	3	NOT CONFIRMED
	9	4	NOT ON 64, + REVIEW
	1	5	NO AN, CLINIC ERROR

F65OTHER ----- OTHER SITE CONFIRMED

type: numeric (float)
label: F65OTHER

range: [0,2] units: 1
unique values: 3 coded missing: 0 / 502

tabulation:	Freq.	Numeric	Label
	496	0	NOT APPLICABLE
	4	1	APPLIC.-NOT REVIEWED
	2	2	CONFIRMED

_dta:

1. Created 8/9/2000.

- A. List of variables deleted **F60DATE F60INIT F60NDATE F60LASTU F60LASTE
F60ESTAT F60VDATE F60DFC F60FCB F60START F60PEB F60NEXT
F60RESDT**
- B. List of variables modified **NONE**
- C. List of variables modified with a name change **NONE**
- D. Old name
- E. New name
- F. List of variables modified date to days since DOE
- G. Old name **F60DATE F60START F60NEXT F60RESDT**
- H. New name **JF60DATE J60START JF60NEXT J60RESDT**
- I. Collection Information:

Form 60 (Leg Ulceration) was completed each time a study patient presented at a study participant clinic, emergency room, or hospital with an ongoing leg ulceration (per definition – See 8.0).

8.3: Leg Ulceration – Form 60

A separate form was required to be completed for each ulcer that occurred. Once an ulcer occurred, it was followed until it healed, with follow-up visits scheduled approximately every month, until 6 months, and then every 3 months. Follow-up information was also collected on Form 60, with the distinguishing variable **F60TYPE** indicating the difference between initial visit information for a given ulcer, and follow-up information for the same ulcer. Sequencing the follow-up information then involves sorting by visit date (**F60DATE**) for a given ulcer.

J. Data Collection Period: 03/79 – 09/88

Form 60 was used between 03/01/79 and 06/01/86 for all patients and continued to be used for patients entered at < 6 months of age until 10/88.

K. Form Version Dates: 03/01/79, 12/01/80

Not all information from the first form has been retained to the final dataset. Variables considered unimportant or unusable from early forms were permanently dropped from the dataset.

L. Files Used to Store Information:

SAS System File: **R60.SD2**

Format File: **R60.FMT**

M. Unique Record Identifiers: **ANONID**, **F60DATE**, **F60SITE**, **F60ULCER**

Records within the data set are sorted by **ANONID**, the date patient visited the clinic for treatment (**F60DATE**), the identifying site code from the CSSCD Leg Ulcer Locator Chart (**F60SITE**), and identifying ulcer number *within* the grid site (**F60ULCER**).

Because of the chronic nature of the Leg Ulcer disorder, both the first presentation at clinic for a given ulcer, and subsequent follow-up visits for that ulcer are recorded on separate Form 60s. Consequently, there can be multiple “Record 60s” associated with a given ulcer event which spans time. In addition to the unique record identifiers mentioned above, additional variables are necessary to determine the span of an individual discrete ulcer event. For a complete explanation of how to relate Initial “Record 60s” to Follow-up “Record 60s”, see Section 8.3.J.

N. Number of Observations (Patients) in SAS Dataset: 2926 (226)

8.3: Leg Ulceration – Form 60

O. Contents of SAS Dataset:

- Alphabetical Listing of Variables: See pp. 154-155
- Listing of Variables by Position: See p. 156

P. Notes About Selected Variables:

- **F60START, F60WORK, F60SCHL, F60OLD, F60OLD1, F60OLD2, F60OLD3, F60BEFOR, F60WARN, F60HURT** – The questions associated with these variables were required to be asked at the initial visit only for a given ulcer.
- **F60WORK, F60SCHL** – On the 03/01/79 version of the form, questions associated with these variables were to be asked only when the ulcer resolved. However, on the updated version (12/01/80) of the form, questions associated with these variables were to be asked at the initial visit for a given leg ulcer.
- **F60NMSET** – is a concatenated numeric variable consisting of 4 2-digit codes which identify other event forms completed in addition to the Form 60. Values are left justified, so that if fewer than 4 other forms are filled out, there will be trailing zeros. For example, a value of “46000000” means that the only form filled out in addition to the Form 60 is a Form 46 Acute Anemic event.
- **F60HURT** – a 0 value for this variable is the code for “not applicable”. In cases where the final follow-up occurs on a date beyond the final healing of the given ulcer, this question could not be legitimately answered. This value differs from missing, where the question was not asked.

Q. Computed Variables: None

R. Inter-Relationship with Other Forms and Datasets:

1. Relationship of Form 60 “Initial” forms to Form 60 “Follow-up” forms

Because of the chronic nature of the Leg Ulcer disorder, both the first presentation at a clinic for a given ulcer, and subsequent follow-up visits for that ulcer are recorded on separate Form 60s. The unique record identifiers for each Form 60 (**ANONID, F60DATE, F60SITE, F60ULCER**) put the records in order by date, and by grid site. But additional variables are required to determine discrete ulcer events which span time.

The variable (**F60TYPE**) delineates initial from follow-up visits. The date of visit variable (**F60DATE**) equates with date patient first sought care for the event (the date variable commonly recorded for other forms) on form 60s where

8.3: Leg Ulceration – Form 60

F60TYPE=1 (Initial) only. A discrete event can be isolated by creating an **ULCERNUMBER** variable that assigns the same **ULCERNUMBER** to the initial form and all follow-up forms that follow it, up until the next initial form is encountered (**F60TYPE=1**).

Multiple ulcer events can occur over time at the exact same place (**F60SITE**, **F60ULCER**). The beginning of a new ulcer event is earmarked by **F60TYPE=1**. One of the problems with this dataset is that, in some cases, an initial form was not sent in by the clinic. An initial form is one whose date precedes all those with the same **F60SITE** & **F60ULCER** number, and whose **F60TYPE=1**, and is verifiably the first of the ulcer series since the date of visit (**F60DATE**) is the same as the “date first sought care” value (this value is on the form, but not the database). When an initial Form 60 is not available, the assumption is that information spanning the full ulcer event is incomplete.

Events missing an initial form can be identified by a change in site code (**F60SITE**) and/or ulcer number (**F60ULCER**) when events are being sequenced; or by determining a positive resolution status on an immediately prior form (**F60RESOL=1**) with a resolution date filled in (**F60RESDT**). The subsequent ulcer event consisting of just follow-up forms can then be isolated from the other events.

A final note on distinguishing end dates of ulcer events. Sometimes the final follow-up Form 60 associated with a given ulcer may have been filled out (i.e., the clinic visit occurred) *after* the ulcer had already healed. In these cases the **F60DATE** will be later than **F60RESDT**, and many of the questions relating to the status of the ulcer will not have been filled in or are “not applicable”. In particular, on most forms of this nature, size of the ulcer will be recorded as 0. Depending on the type of information required on this ulcer, there are a variety of ways to deal with a form like this. This is simply a notice to be aware that such a juxtaposition of recording does exist.

2. Leg ulcer surgeries

An area of interest in the analysis of leg ulcers is the surgical procedures performed on the ulcers. The variable **F60TREAT** contributes information indicating whether a surgery has been done. All of the forms related to a given ulcer, both initial and follow-up must be searched to determine whether the given

8.3: Leg Ulceration – Form 60

ulcer, both initial and follow-up must be searched to determine whether the given ulcer was *ever* treated with surgery. In order to confirm surgical intervention, a search for Form 83s (Surgery) can be done on variable **F83PICDA**, the postoperative diagnosis in **R83.SD2**, where positive values lie between 707.00 and 707.99, which identifies forms generated by surgical procedures relating to “chronic ulcers of the skin” (See Section 9.1). The actual dates of the surgeries are not identified on the Form 60s, but are available on the Form 83s using the above method. Searching for Form 83s between the beginning (initial) and ending dates (**F60DATE**) of a discrete ulcer event may not identify all ulcers treated with surgery, since the surgery form may be dated slightly after the last visit date for that ulcer, since it is often the culminating treatment.

3. Transfusion for leg ulcers

To determine whether chronic transfusion was used to treat a leg ulcer, a search of transfusion visit dates (**F84DATE** in **R84.SD2**) between the beginning (initial) and **F60DATE** on the last follow-up form associated with a discrete ulcer event can be performed (See Sections 9.2.1 and 9.2.2).

CODEBOOK FOR CSSCD FORM 60

LEG ULCERATION

CSSCD FULL COHORT PATIENTS

CONTENTS OF SAS DATASET: R60.SD2

DATA FROM CSSCD FORM 60 - LEG ULCERATION

VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION

The SAS System

10:13 Monday, February 12, 2007 2

The CONTENTS Procedure

Data Set Name	OUT1.R60	Observations	2926
Member Type	DATA	Variables	30
Engine	V9	Indexes	0
Created	10:57 Thursday, February 8, 2007	Observation Length	240
Last Modified	10:57 Thursday, February 8, 2007	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information

Data Set Page Size	16384
Number of Data Set Pages	44
First Data Page	1
Max Obs per Page	68
Obs in First Data Page	48
Number of Data Set Repairs	0
File Name	O:\decastat\EBP\CSSCD\Phase 1 LAD DEV\sd2anon\r60.sas7bdat
Release Created	9.0000M0
Host Created	XP_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	ANONID	Char	8	ANONYMIZED ID #
18	F60AREA	Num	8	SURROUNDING AREA
19	F60BASE	Num	8	BASE OF THE ULCER
14	F60BEFOR	Num	8	HAD ULCER BEFORE AT THIS SITE
17	F60HURT	Num	8	HOW MUCH ULCER HURTS
20	F60LENGT	Num	8	LENGTH OF ULCER CRATER
6	F60MANY	Num	8	HOW MANY ULCERS
4	F60NMSEF	Num	8	ASSOCIATED EVENT CODE
7	F60NUMBR	Num	8	NUMBER OF ULCER
10	F60OLD	Num	8	OTHER SITES THAT HEALED
11	F60OLD1	Num	8	HAD ULCERS BEFORE OTHER SITE1
12	F60OLD2	Num	8	HAD ULCERS BEFORE OTHER SITE2
13	F60OLD3	Num	8	HAD ULCERS BEFORE OTHER SITE3
24	F60OPHYS	Num	8	OTHER PHYSICAL FINDINGS
16	F60PAST	Num	8	ULCER TREATED IN PAST
23	F60PLSEL	Num	8	LEFT PULSES-BINARY
22	F60PLSER	Num	8	RIGHT PULSES-BINARY
26	F60RESOL	Num	8	RESOLUTION OF ULCER
9	F60SCHL	Num	8	PREVENTED SCHOOL
2	F60SITE	Char	4	LOCATION OF ULCER

SECTION 8.3 LEG ULCERATION

FORM 60

CODEBOOK FOR CSSCD FORM 60

LEG ULCERATION

CSSCD FULL COHORT PATIENTS

25	F60TREAT	Num	8	CURRENT TREATMENT
5	F60TYPE	Num	8	TYPE OF VISIT
3	F60ULCER	Num	8	ULCER NUMBER
15	F60WARN	Num	8	HURT BEFORE SKIN BROKE DOWN
21	F60WIDTH	Num	8	WIDTH OF ULCER CRATER
8	F60WORK	Num	8	PREVENTED WORK
30	J60RESDT	Num	8	DATE OF RESOLUTION - RECODE DAYS SINCE DOE
28	J60START	Num	8	WHEN DID ULCER FIRST APPEAR - RECODE DAYS SINCE DOE
27	JF60DATE	Num	8	DATE PATIENT SEEN - RECODE DAYS SINCE DOE
29	JF60NEXT	Num	8	DATE OF NEXT SCHEDULED VISIT - RECODE DAYS SINCE DOE

CODEBOOK FOR CSSCD FORM 60

LEG ULCERATION

CSSCD FULL COHORT PATIENTS

* R60.FMT contains value labels for numerical codes assigned to
categorical*
* variables in the SAS dataset R60.SD2
*

*****;

* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD 08/12/99 14:35:45;

PROC FORMAT;

* FORMAT F60TYPE IS DEFINED FOR VARIABLE F60TYPE;

VALUE F60TYPE
1 = 'INITIAL'
2 = 'FOLLOW-UP';

* FORMAT F60MANY IS DEFINED FOR VARIABLE F60MANY;

VALUE F60MANY
1 = 'ONE'
2 = 'MORE THAN ONE';

* FORMAT N_Y_NA IS DEFINED FOR VARIABLES F60WORK F60SCHL;

VALUE N_Y_NA
1 = 'NO'
2 = 'YES'
3 = 'N.A.';

* FORMAT N_DK_Y IS DEFINED FOR VARIABLES F60OLD F60WARN;

VALUE N_DK_Y
1 = 'NO'
2 = 'DK'
3 = 'YES';

* FORMAT NO_YES IS DEFINED FOR VARIABLES F60BEFOR F60OPHYS F60RESOL;

VALUE NO_YES
1 = 'NO'
2 = 'YES';

* FORMAT TREAT IS DEFINED FOR VARIABLES F60PAST F60TREAT;

VALUE TREAT

CODEBOOK FOR CSSCD FORM 60

LEG ULCERATION

CSSCD FULL COHORT PATIENTS

0	=	'MISSING(0)'
1	=	'SALVE(1)'
2	=	'SOAKS(2)'
4	=	'WHIRLPOOL(4)'
8	=	'GEL BOOTS(8)'
16	=	'TRANSFUSION(16)'
32	=	'SKIN GRAFTS(32)'
64	=	'ZINC(64)'
128	=	'ANALGESICS(128)'
256	=	'DK OR ANTIBIOTICS(256)'
512	=	'OTHER(512)'
1024	=	'NONE(1024)';

* FORMAT F60HURT IS DEFINED FOR VARIABLE F60HURT;

VALUE F60HURT

0	=	'N.A.'
1	=	'NO PAIN'
2	=	'MILD PAIN'
3	=	'MODERATE PAIN'
4	=	'SEVERE PAIN';

* FORMAT F60AREA IS DEFINED FOR VARIABLE F60AREA;

VALUE F60AREA

1	=	'INFLAMED'
2	=	'OLD SCAR'
3	=	'BOTH'
4	=	'NEITHER';

* FORMAT F60BASE IS DEFINED FOR VARIABLE F60BASE;

VALUE F60BASE

1	=	'GRANULATION'
2	=	'PURULENCE'
3	=	'BOTH'
4	=	'NEITHER';

* FORMAT PULSE IS DEFINED FOR VARIABLES F60PLSER F60PLSEL;

VALUE PULSE

1	=	'FEMORAL-PRESENT(1)'
2	=	'CAROTID-PRESENT(2)'
4	=	'DORSALIS PEDIS-PRESENT(4)'
8	=	'NONE(8)';

* FORMAT

F60TYPE F60TYPE.
F60MANY F60MANY.
F60WORK F60SCHL N_Y_NA.

SECTION 8.3 LEG ULCERATION

FORM 60

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LEG ULCERATION

CSSCD FULL COHORT PATIENTS

F60OLD F60WARN N_DK_Y.
F60BEFOR F60OPHYS F60RESOL NO_YES.
F60PAST F60TREAT TREAT.
F60HURT F60HURT.
F60AREA F60AREA.
F60BASE F60BASE.
F60PLSER F60PLSEL PULSE.;

RUN;
QUIT;

CODEBOOK FOR CSSCD FORM 60

LEG ULCERATION - PAGE 1

CSSCD FULL COHORT PATIENTS

F60VDATE ----- VERSION DATE **DELETED**

type: numeric (int)
 label: datelab
 range: [6999,7640] units: 1
 unique values: 2 coded missing: 0 / 2926

tabulation:	Freq.	Numeric	Label
	512	6999	03/01/79
	2414	7640	12/01/80

F60EVNT1 ----- ASSOCIATED EVENT CODE 1

type: numeric (float)
 range: [12,90] units: 1
 unique values: 21 coded missing: 2531 / 2926

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	1	12		30	54
	5	17		93	60
	1	20		3	62
	2	24		11	64
	17	25		1	68
	9	30		2	71
	1	34		1	82
	2	36		14	83
	1	43		191	84
	3	48		6	90
	1	51			

F60EVNT1:

1. COMPUTED VARIABLE: F60EVNT1=int(F60NMSEF/1000000), not saved in R60.SD2.
2. See APPENDIX L for FORM CODES.

F60EVNT2 ----- ASSOCIATED EVENT CODE 2

type: numeric (float)
 range: [0,90] units: 1
 unique values: 17 coded missing: 2531 / 2926

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	321	0		1	54
	2	13		16	60
	2	21		2	64
	2	26		1	80
	4	31		5	83
	1	40		29	84
	1	46		1	87
	3	48		2	90
	2	52			

F60EVNT2:

1. COMPUTED VARIABLE: F60EVNT2=int((F60NMSEF-F60EVNT1*1000000)/10000), not saved in R60.SD2.
2. See APPENDIX L for FORM CODES.

CODEBOOK FOR CSSCD FORM 60

LEG ULCERATION - PAGE 1

CSSCD FULL COHORT PATIENTS

F60EVNT3 ----- ASSOCIATED EVENT CODE 3

type: numeric (float)

range: [0,84] units: 1
unique values: 11 coded missing: 2531 / 2926

tabulation: Freq. Value

370	0
2	22
1	30
1	36
2	52
1	53
1	60
1	80
1	82
8	83
7	84

F60EVNT3:

1. COMPUTED VARIABLE:

F60EVNT3=int((F60NMSEF-F60EVNT1*1000000-F60EVNT2*10000)/100), not saved
in R60.SD2.

2. See APPENDIX L for FORM CODES.

F60EVNT4 ----- ASSOCIATED EVENT CODE 4

type: numeric (float)

range: [0,88] units: 1
unique values: 10 coded missing: 2531 / 2926

tabulation: Freq. Value

381	0
2	4
2	32
1	40
2	48
2	60
1	62
1	64
2	80
1	88

F60EVNT4:

1. COMPUTED VARIABLE:

F60EVNT4=(F60NMSEF-F60EVNT1*1000000-F60EVNT2*10000-F60EVNT3*100), not
saved in R60.SD2.

2. See APPENDIX L for FORM CODES.

CODEBOOK FOR CSSCD FORM 60

LEG ULCERATION - PAGE 1

CSSCD FULL COHORT PATIENTS

F60TYPE ----- TYPE OF VISIT

type: numeric (float)
 label: F60TYPE

range: [1,2] units: 1
 unique values: 2 coded missing: 0 / 2926

tabulation:	Freq.	Numeric	Label
	839	1	INITIAL
	2087	2	FOLLOW-UP

F60MANY ----- HOW MANY ULCERS

type: numeric (float)
 label: F60MANY

range: [1,2] units: 1
 unique values: 2 coded missing: 22 / 2926

tabulation:	Freq.	Numeric	Label
	1398	1	ONE
	1506	2	MORE THAN ONE

F60SITE ----- LOCATION OF ULCER

type: string (str4)
 unique values: 75 coded missing: 0 / 2926

tabulation:	Freq.	Value	tabulation:	Freq.	Value	tabulation:	Freq.	Value
	24	"AA01"		2	"HH04"		3	"0044"
	3	"AA05"		11	"HH05"		35	"0066"
	20	"AA11"		172	"HH06"		3	"0077"
	2	"BB05"		52	"HH07"		5	"PP03"
	3	"CC06"		74	"HH33"		210	"PP04"
	4	"DD05"		116	"HH44"		20	"PP06"
	3	"DD44"		6	"HH55"		23	"PP55"
	9	"EE05"		1	"HH66"		244	"PP66"
	14	"EE06"		4	"II05"		4	"PP77"
	2	"EE33"		8	"II06"		9	"QQ03"
	16	"EE44"		3	"II07"		131	"QQ04"
	119	"FF06"		1	"II11"		35	"QQ05"
	2	"FF07"		3	"II33"		6	"QQ06"
	79	"FF44"		6	"II44"		8	"QQ44"
	3	"FF55"		10	"II55"		30	"QQ55"
	1	"GG01"		4	"LL05"		181	"QQ66"
	1	"GG04"		4	"MM66"		19	"QQ77"
	1	"GG05"		1	"NN03"		9	"RR04"
	459	"GG06"		3	"NN04"		5	"RR05"
	42	"GG07"		6	"NN55"		3	"RR07"
	1	"GG08"		21	"NN66"		3	"RR22"
	1	"GG11"		1	"0003"		1	"RR33"
	34	"GG33"		20	"0004"		11	"RR44"
	505	"GG44"		10	"0005"		23	"RR55"
	9	"GG55"		6	"0006"		3	"RR66"

F60SITE:

1. See APPENDIX F - CSSCD LEG ULCER LOCATOR CHART.

CODEBOOK FOR CSSCD FORM 60

LEG ULCERATION - PAGE 1

CSSCD FULL COHORT PATIENTS

F60ULCER ----- ULCER NUMBER

type: numeric (float)

range: [1,5] units: 1
unique values: 5 coded missing: 0 / 2926

tabulation: Freq. Value
2825 1
67 2
8 3
15 4
11 5

F60UMBR ----- NUMBER OF ULCER

type: numeric (float)

range: [1,5] units: 1
unique values: 5 coded missing: 0 / 2926

tabulation: Freq. Value
2825 1
67 2
8 3
15 4
11 5

CODEBOOK FOR CSSCD FORM 60

LEG ULCERATION - PAGE 2

CSSCD FULL COHORT PATIENTS

F60WORK ----- PREVENTED WORK

type: numeric (float)
label: F60WORK

range: [1,3] units: 1
unique values: 3 coded missing: 1976 / 2926

tabulation:	Freq.	Numeric	Label
	370	1	NO
	138	2	YES
	442	3	N.A.

F60SCHL ----- PREVENTED SCHOOL

type: numeric (float)
label: F60SCHL

range: [1,3] units: 1
unique values: 3 coded missing: 1988 / 2926

tabulation:	Freq.	Numeric	Label
	261	1	NO
	57	2	YES
	620	3	N.A.

F60OLD ----- OTHER SITES THAT HEALED

type: numeric (float)
label: F60OLD

range: [1,3] units: 1
unique values: 3 coded missing: 1895 / 2926

tabulation:	Freq.	Numeric	Label
	282	1	NO
	7	2	DK
	742	3	YES

CODEBOOK FOR CSSCD FORM 60

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CSSCD FULL COHORT PATIENTS

F600LD1 ----- HAD ULCERS BEFORE OTHER SITE1

type: numeric (float)

range: [1,834] units: 1
 unique values: 65 coded missing: 0 / 2926

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	3	1		32	268
	2	11		3	279
	1	69		2	300
	1	98		2	311
	5	102		1	357
	7	133		1	364
	20	134		1	419
	19	140		2	452
	3	165		1	454
	28	166		2	482
	9	172		1	483
	1	193		36	484
	1	196		6	486
	3	197		1	496
	51	198		6	514
	8	199		3	515
	14	204		38	516
	1	215		7	517
	10	225		3	518
	2	226		4	524
	1	227		2	535
	4	228		35	546
	4	229		1	548
	19	230		6	556
	11	231		19	567
	95	236		51	578
	2	247		2	589
	32	257		1	593
	4	258		11	599
	1	261		1	610
	1	262		1998	833
	4	263		279	834
	1	266			

F600LD1:

1. See APPENDIX F - CSSCD LEG ULCER LOCATOR CHART.
2. Required only if F600LD=3.

CODEBOOK FOR CSSCD FORM 60

LEG ULCERATION - PAGE 2

CSSCD FULL COHORT PATIENTS

F600LD2 ----- HAD ULCERS BEFORE OTHER SITE2

type: numeric (float)

range: [11,834]

units: 1

unique values: 63

coded missing: 0 / 2926

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	2	11		10	289
	3	37		1	290
	2	44		2	311
	1	69		1	322
	5	70		5	452
	1	101		2	471
	24	102		2	482
	2	134		2	483
	2	140		14	484
	5	165		1	486
	16	166		1	487
	7	172		1	492
	1	196		1	494
	43	198		5	514
	6	199		20	516
	15	204		9	517
	2	215		1	518
	3	225		1	524
	1	226		1	525
	4	228		37	546
	2	229		1	548
	26	230		1	549
	16	231		1	551
	24	236		4	567
	1	238		3	577
	1	247		31	578
	20	257		4	588
	3	258		4	589
	2	261		3	599
	28	268		2208	833
	1	269		279	834
	1	279			

F600LD2:

1. See APPENDIX F - CSSCD LEG ULCER LOCATOR CHART.
2. Required only if F600LD=3.

CODEBOOK FOR CSSCD FORM 60

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CSSCD FULL COHORT PATIENTS

F600LD3 ----- HAD ULCERS BEFORE OTHER SITES

type: numeric (float)
 range: [37,834] units: 1
 unique values: 50 coded missing: 0 / 2926

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	5	37		3	279
	1	76		1	289
	5	102		8	300
	1	119		1	311
	1	133		2	452
	2	161		15	484
	1	164		4	514
	9	166		1	515
	2	172		17	516
	5	183		7	518
	25	198		2	535
	4	199		1	540
	1	200		18	546
	10	204		3	549
	2	215		2	551
	6	225		1	556
	2	228		4	557
	3	229		7	567
	15	230		1	577
	3	231		13	578
	25	236		1	589
	9	257		1	599
	2	258		4	610
	4	262		2377	833
	10	268		279	834

F600LD3:

1. See APPENDIX F - CSSCD LEG ULCER LOCATOR CHART.
2. Required only if F600LD=3.

F60BEFOR ----- HAD ULCER BEFORE AT THIS SITE

type: numeric (float)
 label: F60BEFOR
 range: [1,2] units: 1
 unique values: 2 coded missing: 1901 / 2926

tabulation:	Freq.	Numeric	Label
	439	1	NO
	586	2	YES

F60WARN ----- HURT BEFORE SKIN BROKE DOWN

type: numeric (float)
 label: F60WARN
 range: [1,3] units: 1
 unique values: 3 coded missing: 1919 / 2926

tabulation:	Freq.	Numeric	Label
	346	1	NO
	33	2	DK
	628	3	YES

CODEBOOK FOR CSSCD FORM 60

LEG ULCERATION - PAGE 2

CSSCD FULL COHORT PATIENTS

F60PAST ----- ULCER TREATED IN PAST

type: numeric (float)
label: F60PAST

range: [0,1024] units: 1
unique values: 140 coded missing: 1888 / 2926

tabulation:	Freq.	Numeric	Label
	19	0	MISSING(0)
	83	1	SALVE(1)
	47	2	SOAKS(2)
	60	3	
	2	4	WHIRLPOOL(4)
	2	5	
	2	6	
	7	7	
	4	8	GEL BOOTS(8)
	7	9	
	9	10	
	8	11	
	7	12	
	2	13	
	4	14	
	10	15	
	0	16	TRANSFUSION(16)
	5	17	
	5	18	
	5	19	
	1	23	
	1	24	
	4	25	
	1	26	
	1	28	
	11	32	SKIN GRAFTS(32)
	3	33	
	4	34	
	3	35	
	5	39	
	2	41	
	1	46	
	4	48	
	6	49	
	1	50	
	1	51	
	1	56	
	1	57	
	0	64	ZINC(64)
	6	65	
	2	66	
	5	67	
	2	73	
	3	75	
	1	77	
	2	79	
	1	80	
	3	82	
	1	83	

CODEBOOK FOR CSSCD FORM 60

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CSSCD FULL COHORT PATIENTS

tabulation:	Freq.	Numeric	Label
	1	91	
	1	94	
	3	95	
	1	104	
	1	106	
	1	112	
	1	115	
	1	128	ANALGESICS(128)
	18	129	
	17	130	
	49	131	
	1	134	
	1	135	
	1	137	
	4	138	
	3	139	
	1	141	
	5	143	
	1	145	
	3	146	
	3	147	
	3	151	
	1	161	
	1	162	
	1	163	
	2	167	
	1	171	
	2	174	
	1	178	
	4	179	
	1	182	
	1	186	
	1	187	
	4	189	
	1	190	
	5	191	
	1	192	
	1	195	
	1	204	
	1	205	
	1	209	
	1	219	
	2	245	
	1	247	
	1	248	
	3	253	
	1	254	
	4	255	
	0	256	DK OR ANTIBIOTICS(256)
	2	356	
	2	387	
	1	432	
	33	512	OTHER(512)
	18	513	
	16	514	
	12	515	

CODEBOOK FOR CSSCD FORM 60

LEG ULCERATION - PAGE 2

CSSCD FULL COHORT PATIENTS

tabulation:	Freq.	Numeric	Label
	3	516	
	3	517	
	1	520	
	1	522	
	4	525	
	1	530	
	1	534	
	2	539	
	3	546	
	1	551	
	1	560	
	1	561	
	2	566	
	6	576	
	1	578	
	1	587	
	1	589	
	2	640	
	2	641	
	4	642	
	10	643	
	1	644	
	4	645	
	2	646	
	1	649	
	2	651	
	1	653	
	1	659	
	1	674	
	1	687	
	2	691	
	2	703	
	1	704	
	2	723	
	1	752	
	4	763	
	2	768	
	346	1024	NONE(1024)

F60PAST:

1. BINARY CODED VARIABLE: See explanation for 'binary coding' in PART II.

F60HURT ----- HOW MUCH ULCER HURTS

type: numeric (float)
label: F60HURT

range: [0,4] units: 1
unique values: 5 coded missing: 7 / 2926

tabulation:	Freq.	Numeric	Label
	146	0	N.A.
	1208	1	NO PAIN
	650	2	MILD PAIN
	599	3	MODERATE PAIN
	316	4	SEVERE PAIN

CODEBOOK FOR CSSCD FORM 60

LEG ULCERATION - PAGE 2

CSSCD FULL COHORT PATIENTS

F60AREA ----- SURROUNDING AREA

type: numeric (float)
label: F60AREA

range: [0,4] units: 1
unique values: 5 coded missing: 582 / 2926

tabulation:	Freq.	Numeric	Label
	4	0	
	223	1	INFLAMED
	1091	2	OLD SCAR
	373	3	BOTH
	653	4	NEITHER

F60BASE ----- BASE OF THE ULCER

type: numeric (float)
label: F60BASE

range: [0,4] units: 1
unique values: 5 coded missing: 46 / 2926

tabulation:	Freq.	Numeric	Label
	11	0	
	1320	1	GRANULATION
	547	2	PURULENCE
	449	3	BOTH
	553	4	NEITHER

CODEBOOK FOR CSSCD FORM 60

LEG ULCERATION - PAGE 3

CSSCD FULL COHORT PATIENTS

F60LENGT ----- LENGTH OF ULCER CRATER

type: numeric (float)

range: [0,25.2] units: .1

unique values: 117 coded missing: 519 / 2926

mean: 3.0791

std. dev: 2.66057

percentiles: 10% 25% 50% 75% 90%

.7 1.3 2.5 4 6

F60WIDTH ----- WIDTH OF ULCER CRATER

type: numeric (float)

range: [0,50.2] units: .1

unique values: 87 coded missing: 519 / 2926

mean: 2.24524

std. dev: 2.34073

percentiles: 10% 25% 50% 75% 90%

.5 1 2 3 4.2

F60PLSER ----- RIGHT PULSES-BINARY

type: numeric (float)

label: F60PLSER

range: [0,7] units: 1

unique values: 7 coded missing: 0 / 2926

tabulation:	Freq.	Numeric	Label
	122	0	
	46	1	FEMORAL-PRESENT(1)
	0	2	CAROTID-PRESENT(2)
	26	3	
	5	4	DORSALIS PEDIS-PRESENT(4)
	8	5	
	10	6	
	2709	7	
	0	8	NONE(8)

F60PLSER:

1. BINARY CODED VARIABLE: See explanation for 'binary coding' in PART II.

CODEBOOK FOR CSSCD FORM 60

LEG ULCERATION - PAGE 3

CSSCD FULL COHORT PATIENTS

F60PLSEL ----- LEFT PULSES-BINARY

type: numeric (float)
label: F60PLSEL

range: [0,7] units: 1
unique values: 7 coded missing: 0 / 2926

tabulation:	Freq.	Numeric	Label
	323	0	
	43	1	FEMORAL-PRESENT(1)
	0	2	CAROTID-PRESENT(2)
	26	3	
	3	4	DORSALIS PEDIS-PRESENT(4)
	11	5	
	1	6	
	2519	7	
	0	8	NONE(8)

F60PLSEL:

1. BINARY CODED VARIABLE: See explanation for 'binary coding' in PART II.

F600PHYS ----- OTHER PHYSICAL FINDINGS

type: numeric (float)
label: F600PHYS

range: [1,2] units: 1
unique values: 2 coded missing: 42 / 2926

tabulation:	Freq.	Numeric	Label
	2554	1	NO
	330	2	YES

8.4: Ocular Complications – Form 66

F60TREAT ----- CURRENT TREATMENT

type: numeric (float)
label: F60TREAT

range: [0,963] units: 1
unique values: 194 coded missing: 0 / 2926

tabulation:	Freq.	Numeric	Label
	512	0	MISSING(0)
	253	1	SALVE(1)
	128	2	SOAKS(2)
	175	3	
	11	4	WHIRLPOOL(4)
	9	5	
	39	6	
	68	7	
	57	8	GEL BOOTS(8)
	28	9	
	10	10	
	9	11	
	9	12	
	21	13	
	5	14	
	23	15	
	24	16	TRANSFUSION(16)
	28	17	
	39	18	
	10	19	
	2	21	
	12	22	
	8	23	
	16	25	
	1	26	
	4	29	
	2	30	
	14	32	SKIN GRAFTS(32)
	2	33	
	1	34	
	1	35	
	13	48	
	5	50	
	1	56	
	10	64	ZINC(64)
	15	65	
	5	66	
	6	67	
	2	70	
	4	71	
	1	73	
	3	75	
	5	77	
	1	78	
	4	80	
	1	82	
	2	87	
	1	88	
	1	95	

8.4: Ocular Complications – Form 66

tabulation:	Freq.	Numeric	Label
	3	128	ANALGESICS(128)
	42	129	
	30	130	
	100	131	
	2	132	
	8	133	
	7	134	
	17	135	
	5	136	
	24	137	
	3	138	
	9	139	
	10	140	
	14	141	
	3	142	
	2	143	
	1	144	
	6	145	
	2	146	
	6	147	
	5	149	
	6	151	
	1	155	
	2	156	
	1	157	
	1	159	
	2	160	
	6	161	
	3	173	
	4	176	
	1	193	
	1	194	
	2	195	
	4	197	
	2	199	
	1	202	
	2	204	
	6	205	
	8	207	
	1	209	
	1	213	
	2	215	
	7	221	
	1	222	
	20	256	DK OR ANTIBIOTICS(256)
	10	257	
	20	258	
	32	259	
	1	260	
	3	262	
	1	263	
	4	264	
	1	267	
	2	271	
	2	274	
	2	276	

8.4: Ocular Complications – Form 66

tabulation:	Freq.	Numeric	Label
	1	282	
	1	290	
	1	296	
	1	304	
	2	320	
	1	331	
	1	338	
	1	344	
	1	384	
	9	385	
	13	386	
	39	387	
	1	388	
	1	390	
	6	391	
	3	392	
	1	395	
	2	396	
	2	397	
	1	403	
	1	405	
	1	407	
	1	432	
	5	435	
	2	461	
	1	466	
	260	512	OTHER(512)
	57	513	
	85	514	
	13	515	
	16	516	
	7	517	
	9	518	
	1	519	
	1	520	
	1	521	
	2	524	
	17	525	
	1	526	
	3	527	
	25	528	
	2	529	
	10	530	
	3	531	
	2	532	
	1	533	
	6	576	
	1	577	
	4	578	
	2	579	
	3	592	
	53	640	
	41	641	
	20	642	
	28	643	
	2	644	

8.4: Ocular Complications – Form 66

tabulation:	Freq.	Numeric	Label
	3	646	
	2	647	
	1	651	
	1	653	
	1	654	
	11	656	
	9	657	
	1	660	
	1	661	
	1	662	
	2	688	
	1	707	
	6	709	
	1	720	
	1	726	
	11	768	
	7	769	
	3	770	
	1	772	
	1	774	
	1	784	
	1	832	
	2	834	
	1	850	
	9	896	
	2	897	
	1	898	
	1	899	
	1	901	
	1	912	
	1	913	
	1	915	
	1	963	
	0	1024	NONE(1024)

F60TREAT:

1. BINARY CODED VARIABLE: See explanation for 'binary coding' in PART II.

F60RESOL ----- RESOLUTION OF ULCER

type: numeric (float)	
label: F60RESOL	
range: [1,2]	units: 1
unique values: 2	coded missing: 59 / 2926

tabulation:	Freq.	Numeric	Label
	2265	1	NO
	602	2	YES

_dta:

1. Rerun on 08/19/99.

A. List of variables deleted **F66DATE F66INIT F66NDATE F66LASTU F66LASTE**
F66ESTAT F66VDATE F66DFC F66FCB F66PEB

8.4: Ocular Complications – Form 66

- B. List of variables modified **NONE**
- C. List of variables modified with a name change **NONE**
- D. Old name
- E. New name
- F. List of variables modified date to days since DOE
- G. Old name **F66DATE**
- H. New name **JF66DATE**
- I. Collection Information:

Form 66 (Ocular Complications) was to be completed only for those study patients who were detected to have any of the following conditions:

1. Suspected Stage III retinopathy (neovascular capillary buds at the site of arteriolar-venular anastomoses);
2. A two-line visual loss since the last examination;
3. Changes in the macula.

Each ocular complication was to be followed every six months, and Form 66 was to be completed by the Ophthalmologist associated with the study.

- J. Data Collection Period: 03/79 – 09/88
- K. Form Version Dates: 03/01/79, 10/10/80
- L. Files Used to Store Information:
SAS System File: **R66.SD2**
Format File: **R66.FMT**
- M. Unique Record Identifiers: **ANONID, F66DATE**
Records within the SAS dataset are sorted by **ANONID** and **F66DATE**.
- N. Number of Observations (Patients) in SAS Dataset: 220(164)
- O. Contents of SAS Dataset:
- Alphabetical Listing of Variables: See pp. 180-182
 - Listing of Variable by Position: See pp. 183-184
- P. Notes About Selected Variables:
- **F66SEC1-3** – are the variable names for sections not completed due to non-examination and reason. The first digit for each is the section number not completed. The second and third numbers for each are the reason codes:

8.4: Ocular Complications – Form 66

- 1 – Technical Difficulties
- 2 – Patient Uncooperative
- 3 – Cloudy Media
- 4 – Reaction to Angiography
- 5 – Other

Q. Computed Variables: None

R. Inter-Relationship With Other Datasets:

1. Ocular exam data were also collected on

Phase 1 Forms	SAS Dataset	See Section
18	R18.SD2	6.7.1
18E	R19.SD2	6.7.2

2. Information regarding ocular complications was also collected on

Phase 1 Forms	SAS Dataset	See Section
10	R10.SD2 (variables: F10OPLTD , F10OPLT)	2.3
83	R83.SD2 (ICD codes: 14.3 through 14.79 for variable F83ICDA ; ICD codes: 362.29 for variables F83PRE1-3)	9.1

8.4: Ocular Complications – Form 66

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 CSSCD FULL COHORT PATIENTS

CONTENTS OF SAS DATASET: R66.SD2
 DATA FROM CSSCD FORM 66 - OCULAR COMPLICATIONS
 VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION
 IN THE SAS DATASET AND ON FORM 66

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The CONTENTS Procedure

Data Set Name	OUT1.R66	Observations	220
Member Type	DATA	Variables	76
Engine	V9	Indexes	0
Created	11:21 Thursday, February 8, 2007	Observation Length	608
Last Modified	11:21 Thursday, February 8, 2007	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information

Data Set Page Size	16384
Number of Data Set Pages	10
First Data Page	1
Max Obs per Page	26
Obs in First Data Page	10
Number of Data Set Repairs	0
File Name	O:\decastat\EBP\CSSCD\Phase 1 LAD DEV\sd2anon\r66.sas7bdat
Release Created	9.0000M0
Host Created	XP_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	ANONID	Char	8	ANONYMIZED ID #
36	F66ANGIL	Num	8	LEFT ANGIOID STREAKS
35	F66ANGIR	Num	8	RIGHT ANGIOID STREAKS
65	F66ARGON	Num	8	NUMBER OF TIMES ARGON DONE
17	F66CANGI	Num	8	CONJUNCTIVAL ANGIOGRAPHY
42	F66CENTL	Num	8	LEFT CENTRAL ARTERY OCCLUSION
41	F66CENTR	Num	8	RIGHT CENTRAL ARTERY OCCLUSION
19	F66CONJL	Num	8	CONJUNCTIVAL SIGN LEFT
18	F66CONJR	Num	8	CONJUNCTIVAL SIGN RIGHT
66	F66CRYO	Num	8	CRYO SURGERY DONE
67	F66DIATH	Num	8	DIATHERMY DONE
72	F66EVNT1	Num	8	ASSOCIATED EVENT CODE 1
73	F66EVNT2	Num	8	ASSOCIATED EVENT CODE 2
74	F66EVNT3	Num	8	ASSOCIATED EVENT CODE 3
75	F66EVNT4	Num	8	ASSOCIATED EVENT CODE 4
71	F66FINAL	Num	8	FINAL DIAGNOSIS
24	F66FUNDL	Num	8	LEFT FUNDUS
23	F66FUNDR	Num	8	RIGHT FUNDUS
60	F66GOLDM	Num	8	GOLDMANN PERIMETRY DONE

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20	F66IANGI	Num	8	IRIS ANGIOGRAPH
56	F66INFAL	Num	8	LEFT AUTO INFARCTION
55	F66INFAR	Num	8	RIGHT AUTO INFARCTION
22	F66IRISL	Num	8	LEFT IRIS
21	F66IRISR	Num	8	RIGHT IRIS
3	F66LFT	Num	8	LEFT COMPLICATION
38	F66MACUL	Num	8	LEFT MACULA
37	F66MACUR	Num	8	RIGHT MACULA

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The SAS System

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The CONTENTS Procedure

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
50	F66NFPL	Num	8	NEOVASCULAR FIBROUS PROLIFERATION LEFT
49	F66NFPR	Num	8	NEOVASCULAR FIBROUS PROLIFERATION RIGHT
61	F66OPHYS	Num	8	OTHER PHYSICAL FINDINGS
40	F66OPTL	Num	8	LEFT OPTIC DISK
39	F66OPTR	Num	8	RIGHT OPTIC DISK
46	F66PACL	Num	8	PERIPHERAL ARTERIAL OCCLUSION LEFT
45	F66PACR	Num	8	PERIPHERAL ARTERIAL OCCLUSION RIGHT
48	F66PAVAL	Num	8	PERIPHERAL ARTERIOLAR-VENULAR ANASTOMSES
47	F66PAVAR	Num	8	PERIPHERAL ARTERIOLAR-VENULAR ANASTOMSES
63	F66PCOAG	Num	8	PHOTOCOAGULARION DONE
62	F66PHOTO	Num	8	RETINAL PHOTO DONE
54	F66RDL	Num	8	RETINAL DETACHEMNT LEFT
53	F66RDR	Num	8	RETINAL DETACHMENT RIGHT
69	F66RETD	Num	8	RETINAL DETACHMENT
28	F66RETHL	Num	8	LEFT RETINAL HEMORRHAGE
27	F66RETHR	Num	8	RIGHT RETINAL HEMORRHAGE
2	F66RGHT	Num	8	RIGHT COMPLICATION
30	F66SCHIL	Num	8	LEFT SCHISIS CAVITIES
29	F66SCHIR	Num	8	RIGHT SCHISIS CAVITIES
57	F66SEC1	Num	8	SECTION AND REASON MISSED
58	F66SEC2	Num	8	SECTION AND REASON MISSED
59	F66SEC3	Num	8	SECTION AND REASON MISSED
34	F66SNBLN	Num	8	NUMBER OF LEFT SUNBURSTS
32	F66SNBRN	Num	8	NUMBER OF RIGHT SUNBURSTS
33	F66SUNBL	Num	8	LEFT SUNBURSTS
31	F66SUNBR	Num	8	RIGHT SUNBURSTS
10	F66SYML1	Num	8	SYMPTOMS LEFT
11	F66SYML2	Num	8	SYMPTOMS LEFT
12	F66SYML3	Num	8	SYMPTOMS LEFT
13	F66SYML4	Num	8	SYMPTOMS LEFT
14	F66SYML5	Num	8	SYMPTOMS LEFT
5	F66SYMR1	Num	8	SYMPTOMS RIGHT
6	F66SYMR2	Num	8	SYMPTOMS RIGHT
7	F66SYMR3	Num	8	SYMPTOMS RIGHT
8	F66SYMR4	Num	8	SYMPTOMS RIGHT
9	F66SYMR5	Num	8	SYMPTOMS RIGHT
26	F66TORTL	Num	8	LEFT VESSEL TORTUOSITY
25	F66TORTR	Num	8	RIGHT VESSEL TORTUOSITY
70	F66TRANS	Num	8	TRANSFUSION
4	F66TYPE	Num	8	TYPE OF VISIT
44	F66VEINL	Num	8	LEFT CENTRAL VEIN OCCLUSION
43	F66VEINR	Num	8	RIGHT CENTRAL VEIN OCCLUSION
68	F66VHEM	Num	8	VITREOUS HEMORRHAGE
52	F66VHL	Num	8	VITREOUS HEMORRHAGE LEFT
51	F66VHR	Num	8	VITREOUS HEMORRHAGE RIGHT
16	F66VISNL	Num	8	LEFT CORRECTED VISION
15	F66VISNR	Num	8	RIGHT CORRECTED VISION

SECTION 8.4 OCLULAR COMPLICATIONS

FORM 66

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64	F66XENON	Num	8	NUMBER OF TIMES XENON DONE
76	JF66DATE	Num	8	DATE OF VISIT - RECODE DAYS SINCE DOE

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CSSCD FULL COHORT PATIENTS

```
*****  
*****  
* R66.FMT contains value labels for numerical codes assigned to  
categorical*  
* variables in the SAS dataset R66.SD2  
*  
*****  
*****;
```

PROC FORMAT;

* FORMAT COMP IS DEFINED FOR VARIABLES F66RGHT F66LFT;

```
VALUE COMP  
  1          = 'STAGE III'  
  2          = '2-LINE LOSS'  
  3          = 'MACULAR';
```

* FORMAT F66TYPE IS DEFINED FOR VARIABLE F66TYPE;

```
VALUE F66TYPE  
  1          = 'INITIAL'  
  2          = 'FOLLOW-UP';
```

* FORMAT N_DK_Y IS DEFINED FOR VARIABLES F66SYMR1 F66SYMR2 F66SYMR3
F66SYMR4 F66SYMR5 F66SYML1
F66SYML2 F66SYML3 F66SYML4
F66SYML5;

```
VALUE N_DK_Y  
  1          = 'NO'  
  2          = 'DK'  
  3          = 'YES';
```

* FORMAT VISION IS DEFINED FOR VARIABLES F66VISNR F66VISNL;

```
VALUE VISION  
  1          = '20-20'  
  2          = '20-25.30'  
  3          = '20-40.50'  
  4          = '20-60.80'  
  5          = '20-100.200'  
  6          = '20-400-800'  
  7          = 'FINGERS'  
  8          = 'MOVEMENT'  
  9          = 'LIGHT'  
 10         = 'NOLIGHT';
```

* FORMAT DONE IS DEFINED FOR VARIABLES F66CANGI F66IANGI F66PHOTO;

```
VALUE DONE
```


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CSSCD FULL COHORT PATIENTS

1 = 'DONE'
2 = 'NOT DONE';

* FORMAT CONJ IS DEFINED FOR VARIABLES F66CONJR F66CONJL;

VALUE CONJ

1 = 'ABSENT'
2 = '+1'
3 = '+2'
4 = '+3'
5 = '+4';

* FORMAT IRIS IS DEFINED FOR VARIABLES F66IRISR F66IRISL;

VALUE IRIS

1 = 'NORMAL'
2 = 'ABNORMAL'
3 = 'OTHER';

* FORMAT FUNDUS IS DEFINED FOR VARIABLES F66FUNDR F66FUNDL;

VALUE FUNDUS

1 = 'NORMAL'
2 = 'NOT VISIBLE'
3 = 'ABNORMAL';

* FORMAT TORT IS DEFINED FOR VARIABLES F66TORTR F66TORTL;

VALUE TORT

1 = 'ABSENT'
2 = 'LOCAL'
3 = 'GENERALIZED';

* FORMAT RETH IS DEFINED FOR VARIABLES F66RETHR F66RETHL F66SUNBR
F66SUNBL F66ANGIR F66ANGIL
F66CENTR F66CENTL F66VEINR
F66VEINL;

VALUE RETH

1 = 'ABSENT'
2 = 'PRESENT';

* FORMAT SCHIS IS DEFINED FOR VARIABLES F66SCHIR F66SCHIL;

VALUE SCHIS

1 = 'ABSENT'
2 = '1-4'
3 = '4';

* FORMAT MACULA IS DEFINED FOR VARIABLES F66MACUR F66MACUL;

CODEBOOK FOR CSSCD FORM 66
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CSSCD FULL COHORT PATIENTS

VALUE MACULA

1	= 'PIGMENT (1)'
2	= 'VASC. OCCLUSION (2)'
4	= 'DEPRESSIONS (4)'
8	= 'MACULAR TRAC. (8)'
16	= 'HEMORRHAGE (16)'
32	= 'MACULAR HOLE (32)'
64	= 'PERIF. CAP. DROPOUT (64)'
128	= 'NORMAL (128)';

* FORMAT OPTIC IS DEFINED FOR VARIABLES F66OPTR F66OPTL;

VALUE OPTIC

1	= 'COMMA SIGN'
2	= 'NEOVASCULAR.'
3	= 'BOTH'
4	= 'ABSENT';

* FORMAT PERIPH IS DEFINED FOR VARIABLES F66PACR F66PACL F66PAVAR
F66PAVAL F66NFPR F66NFPL
F66VHR F66VHL F66RDR
F66RDL F66INFAR F66INFAL;

VALUE PERIPH

1	= '0'
2	= '1-30'
3	= '31-60'
4	= '61-90'
5	= '91-100';

* FORMAT F66GOLDM IS DEFINED FOR VARIABLE F66GOLDM;

VALUE F66GOLDM

1	= 'RIGHT'
2	= 'LEFT'
3	= 'BOTH'
4	= 'NOT DONE';

* FORMAT NO_YES IS DEFINED FOR VARIABLES F66OPHYS F66TRANS;

VALUE NO_YES

1	= 'NO'
2	= 'YES';

* FORMAT NDONE IS DEFINED FOR VARIABLES F66PCOAG F66CRYO F66DIATH;

VALUE NDONE

1	= 'NOT DONE'
2	= 'DONE';

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CSSCD FULL COHORT PATIENTS

* FORMAT F66VHEM IS DEFINED FOR VARIABLE F66VHEM;

VALUE F66VHEM
1 = 'BEDREST'
2 = 'VITRECTOMY';

* FORMAT F66RETD IS DEFINED FOR VARIABLE F66RETD;

VALUE F66RETD
1 = 'PHOTOCOAGULATION'
2 = 'SCHLERAL BUCKLE'
3 = 'VITRECTOMY';

* FORMAT F66FINAL IS DEFINED FOR VARIABLE F66FINAL;

VALUE F66FINAL
1 = 'AUTO INFARCTION'
2 = 'RETINOPATHY'
3 = 'STAGE III'
4 = 'STAGE IV'
5 = 'STAGE V'
6 = 'OTHER';

* FORMAT F66RGHT F66LFT COMP.
F66TYPE F66TYPE.
F66SYMR1 F66SYMR2 F66SYMR3
F66SYMR4 F66SYMR5 F66SYML1
F66SYML2 F66SYML3 F66SYML4
F66SYML5 N_DK_Y.
F66VISNR F66VISNL VISION.
F66CANGI F66IANGI F66PHOTO DONE.
F66CONJR F66CONJL CONJ.
F66IRISR F66IRISL IRIS.
F66FUNDR F66FUNDL FUNDUS.
F66TORTR F66TORTL TORT.
F66RETHR F66RETHL F66SUNBR
F66SUNBL F66ANGIR F66ANGIL
F66CENTR F66CENTL F66VEINR
F66VEINL RETH.
F66SCHIR F66SCHIL SCHIS.
F66MACUR F66MACUL MACULA.
F66OPTR F66OPTL OPTIC.
F66PACR F66PACL F66PAVAR
F66PAVAL F66NFPR F66NFPL
F66VHR F66VHL F66RDR
F66RDL F66INFAR F66INFAL PERIPH.
F66GOLDM F66GOLDM.
F66OPHYS F66TRANS NO_YES.
F66PCOAG F66CRYO F66DIATH NDONE.
F66VHEM F66VHEM.
F66RETD F66RETD.
F66FINAL F66FINAL.;

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RUN;
QUIT;

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F66VDATE ----- VERSION DATE **DELETED**

type: numeric daily date (int)
 label: datelab

range: [6999,10510] units: 1
 or equivalently: [01mar1979,10oct1988] units: days
 unique values: 4 coded missing: 0 / 220

tabulation:	Freq.	Numeric	Label
	101	6999	03/01/79
	117	7588	10/10/80
	1	8323	10/15/82
	1	10510	10/10/88

F66EVNT1 ----- ASSOCIATED EVENT CODE 1

type: numeric (float)

range: [16,66] units: 1
 unique values: 3 coded missing: 199 / 220

tabulation:	Freq.	Value
	1	16
	18	18
	2	66

F66EVNT2 ----- ASSOCIATED EVENT CODE 2

type: numeric (float)

range: [0,0] units: 0
 unique values: 1 coded missing: 199 / 220

tabulation:	Freq.	Value
	21	0

F66EVNT3 ----- ASSOCIATED EVENT CODE 3

type: numeric (float)

range: [0,0] units: 0
 unique values: 1 coded missing: 199 / 220

tabulation:	Freq.	Value
	21	0

F66EVNT4 ----- ASSOCIATED EVENT CODE 4

type: numeric (float)

range: [0,0] units: 0
 unique values: 1 coded missing: 199 / 220

tabulation:	Freq.	Value
	21	0

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F66RGHT ----- RIGHT COMPLICATION

type: numeric (float)
label: F66RGHT

range: [1,3] units: 1
unique values: 3 coded missing: 44 / 220

tabulation:	Freq.	Numeric	Label
	156	1	STAGE III
	8	2	2-LINE LOSS
	12	3	MACULAR

F66LFT ----- LEFT COMPLICATION

type: numeric (float)
label: F66LFT

range: [1,3] units: 1
unique values: 3 coded missing: 63 / 220

tabulation:	Freq.	Numeric	Label
	147	1	STAGE III
	7	2	2-LINE LOSS
	3	3	MACULAR

F66TYPE ----- TYPE OF VISIT

type: numeric (float)
label: F66TYPE

range: [1,2] units: 1
unique values: 2 coded missing: 2 / 220

tabulation:	Freq.	Numeric	Label
	124	1	INITIAL
	94	2	FOLLOW-UP

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F66SYMR1 ----- SYMPTOMS RIGHT

```

      type: numeric (float)
      label: F66SYMR1
      range: [1,3]
      unique values: 3
      coded missing: 29 / 220
      units: 1
      tabulation:
        Freq.   Numeric   Label
            177         1   NO
              1         2   DK
              13         3   YES
  
```

F66SYMR2 ----- SYMPTOMS RIGHT

```

      type: numeric (float)
      label: F66SYMR2
      range: [1,3]
      unique values: 3
      coded missing: 30 / 220
      units: 1
      tabulation:
        Freq.   Numeric   Label
            161         1   NO
              1         2   DK
              28         3   YES
  
```

F66SYMR3 ----- SYMPTOMS RIGHT

```

      type: numeric (float)
      label: F66SYMR3
      range: [1,3]
      unique values: 3
      coded missing: 29 / 220
      units: 1
      tabulation:
        Freq.   Numeric   Label
            148         1   NO
              4         2   DK
              39         3   YES
  
```

F66SYMR4 ----- SYMPTOMS RIGHT

```

      type: numeric (float)
      label: F66SYMR4
      range: [1,3]
      unique values: 2
      coded missing: 30 / 220
      units: 1
      tabulation:
        Freq.   Numeric   Label
            184         1   NO
              6         3   YES
  
```

F66SYMR5 ----- SYMPTOMS RIGHT

```

      type: numeric (float)
      label: F66SYMR5
      range: [1,3]
      unique values: 2
      coded missing: 62 / 220
      units: 1
      tabulation:
        Freq.   Numeric   Label
            135         1   NO
              23         3   YES
  
```

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F66SYML1 ----- SYMPTOMS LEFT

type: numeric (float)
 label: F66SYML1
 range: [1,3] units: 1
 unique values: 3 coded missing: 34 / 220
 tabulation: Freq. Numeric Label
 171 1 NO
 1 2 DK
 14 3 YES

F66SYML2 ----- SYMPTOMS LEFT

type: numeric (float)
 label: F66SYML2
 range: [1,3] units: 1
 unique values: 3 coded missing: 35 / 220
 tabulation: Freq. Numeric Label
 163 1 NO
 1 2 DK
 21 3 YES

F66SYML3 ----- SYMPTOMS LEFT

type: numeric (float)
 label: F66SYML3
 range: [1,3] units: 1
 unique values: 3 coded missing: 36 / 220
 tabulation: Freq. Numeric Label
 141 1 NO
 3 2 DK
 40 3 YES

F66SYML4 ----- SYMPTOMS LEFT

type: numeric (float)
 label: F66SYML4
 range: [1,3] units: 1
 unique values: 2 coded missing: 38 / 220
 tabulation: Freq. Numeric Label
 177 1 NO
 5 3 YES

F66SYML5 ----- SYMPTOMS LEFT

type: numeric (float)
 label: F66SYML5
 range: [1,3] units: 1
 unique values: 2 coded missing: 67 / 220
 tabulation: Freq. Numeric Label
 130 1 NO
 23 3 YES

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F66VISNR ----- RIGHT CORRECTED VISION

```

    type: numeric (float)
    label: F66VISNR
    range: [1,10]
    unique values: 10
    coded missing: 1 / 220
    units: 1
  
```

tabulation:	Freq.	Numeric	Label
	141	1	20-20
	42	2	20-25.30
	7	3	20-40.50
	3	4	20-60.80
	7	5	20-100.200
	8	6	20-400-800
	5	7	FINGERS
	2	8	MOVEMENT
	2	9	LIGHT
	2	10	NOLIGHT

F66VISNL ----- LEFT CORRECTED VISION

```

    type: numeric (float)
    label: F66VISNL
    range: [1,10]
    unique values: 10
    coded missing: 7 / 220
    units: 1
  
```

tabulation:	Freq.	Numeric	Label
	139	1	20-20
	39	2	20-25.30
	12	3	20-40.50
	3	4	20-60.80
	6	5	20-100.200
	5	6	20-400-800
	4	7	FINGERS
	1	8	MOVEMENT
	1	9	LIGHT
	3	10	NOLIGHT

F66CANGI ----- CONJUNCTIVAL ANGIOGRAPHY

```

    type: numeric (float)
    label: F66CANGI
    range: [1,2]
    unique values: 2
    coded missing: 44 / 220
    units: 1
  
```

tabulation:	Freq.	Numeric	Label
	3	1	DONE
	173	2	NOT DONE

F66CONJR ----- CONJUNCTIVAL SIGN RIGHT

```

    type: numeric (float)
    label: F66CONJR
    range: [1,5]
    unique values: 5
    coded missing: 26 / 220
    units: 1
  
```

tabulation:	Freq.	Numeric	Label
	79	1	ABSENT
	78	2	+1
	26	3	+2
	7	4	+3
	4	5	+4

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F66CONJL ----- CONJUNCTIVAL SIGN LEFT

type: numeric (float)
label: F66CONJL

range: [1,5] units: 1
unique values: 5 coded missing: 29 / 220

tabulation:	Freq.	Numeric	Label
	79	1	ABSENT
	77	2	+1
	23	3	+2
	9	4	+3
	3	5	+4

F66IANGI ----- IRIS ANGIOGRAPH

type: numeric (float)
label: F66IANGI

range: [1,2] units: 1
unique values: 2 coded missing: 12 / 220

tabulation:	Freq.	Numeric	Label
	3	1	DONE
	205	2	NOT DONE

F66IRISR ----- RIGHT IRIS

type: numeric (float)
label: F66IRISR

range: [1,2] units: 1
unique values: 2 coded missing: 161 / 220

tabulation:	Freq.	Numeric	Label
	54	1	NORMAL
	5	2	ABNORMAL

F66IRISL ----- LEFT IRIS

type: numeric (float)
label: F66IRISL

range: [1,2] units: 1
unique values: 2 coded missing: 163 / 220

tabulation:	Freq.	Numeric	Label
	52	1	NORMAL
	5	2	ABNORMAL

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F66FUNDR ----- RIGHT FUNDUS

type: numeric (float)
 label: F66FUNDR
 range: [1,3] units: 1
 unique values: 3 coded missing: 111 / 220
 tabulation: Freq. Numeric Label
 10 1 NORMAL
 2 2 NOT VISIBLE
 97 3 ABNORMAL

F66FUNDL ----- LEFT FUNDUS

type: numeric (float)
 label: F66FUNDL
 range: [1,3] units: 1
 unique values: 3 coded missing: 115 / 220
 tabulation: Freq. Numeric Label
 17 1 NORMAL
 4 2 NOT VISIBLE
 84 3 ABNORMAL

F66TORTR ----- RIGHT VESSEL TORTUOSITY

type: numeric (float)
 label: F66TORTR
 range: [1,3] units: 1
 unique values: 3 coded missing: 40 / 220
 tabulation: Freq. Numeric Label
 148 1 ABSENT
 16 2 LOCAL
 16 3 GENERALIZED

F66TORTL ----- LEFT VESSEL TORTUOSITY

type: numeric (float)
 label: F66TORTL
 range: [1,3] units: 1
 unique values: 3 coded missing: 43 / 220
 tabulation: Freq. Numeric Label
 141 1 ABSENT
 17 2 LOCAL
 19 3 GENERALIZED

F66RETHR ----- RIGHT RETINAL HEMORRHAGE

type: numeric (float)
 label: F66RETHR
 range: [1,2] units: 1
 unique values: 2 coded missing: 35 / 220
 tabulation: Freq. Numeric Label
 155 1 ABSENT
 30 2 PRESENT

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F66RETHL ----- LEFT RETINAL HEMORRHAGE

type: numeric (float)
 label: F66RETHL
 range: [1,2] units: 1
 unique values: 2 coded missing: 39 / 220
 tabulation: Freq. Numeric Label
 159 1 ABSENT
 22 2 PRESENT

F66SCHIR ----- RIGHT SCHISIS CAVITIES

type: numeric (float)
 label: F66SCHIR
 range: [1,2] units: 1
 unique values: 2 coded missing: 39 / 220
 tabulation: Freq. Numeric Label
 156 1 ABSENT
 25 2 1-4

F66SCHIL ----- LEFT SCHISIS CAVITIES

type: numeric (float)
 label: F66SCHIL
 range: [1,3] units: 1
 unique values: 3 coded missing: 41 / 220
 tabulation: Freq. Numeric Label
 159 1 ABSENT
 18 2 1-4
 2 3 4

F66SUNBR ----- RIGHT SUNBURSTS

type: numeric (float)
 label: F66SUNBR
 range: [1,2] units: 1
 unique values: 2 coded missing: 36 / 220
 tabulation: Freq. Numeric Label
 102 1 ABSENT
 82 2 PRESENT

F66SNBRN ----- NUMBER OF RIGHT SUNBURSTS

type: numeric (float)
 range: [0,10] units: 1
 unique values: 8 coded missing: 148 / 220
 tabulation: Freq. Value
 1 0
 33 1
 12 2
 13 3
 8 4
 3 5
 1 6
 1 10

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F66SUNBL ----- LEFT SUNBURSTS

type: numeric (float)
label: F66SUNBL

range: [1,2] units: 1
unique values: 2 coded missing: 43 / 220

tabulation:	Freq.	Numeric	Label
	101	1	ABSENT
	76	2	PRESENT

F66SNBLN ----- NUMBER OF LEFT SUNBURSTS

type: numeric (float)

range: [0,7] units: 1
unique values: 7 coded missing: 157 / 220

tabulation:	Freq.	Value
	1	0
	27	1
	12	2
	9	3
	8	4
	5	5
	1	7

F66ANGIR ----- RIGHT ANGIOID STREAKS

type: numeric (float)
label: F66ANGIR

range: [1,2] units: 1
unique values: 2 coded missing: 40 / 220

tabulation:	Freq.	Numeric	Label
	167	1	ABSENT
	13	2	PRESENT

F66ANGIL ----- LEFT ANGIOID STREAKS

type: numeric (float)
label: F66ANGIL

range: [1,2] units: 1
unique values: 2 coded missing: 42 / 220

tabulation:	Freq.	Numeric	Label
	163	1	ABSENT
	15	2	PRESENT

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F66MACUR ----- RIGHT MACULA

```

      type: numeric (float)
      label: F66MACUR
      range: [1,128]
      unique values: 10
      units: 1
      coded missing: 34 / 220
      tabulation:
        Freq.  Numeric  Label
           8         1  PIGMENT (1)
           1         2  VASC. OCCLUSION (2)
           1         3
           0         4  DEPRESSIONS (4)
           3         8  MACULAR TRAC. (8)
           2         9
           0        16  HEMORRHAGE (16)
           1        32  MACULAR HOLE (32)
           1        33
           0        64  PERIF. CAP. DROPOUT (64)
           1        72
           1       127
          167       128  NORMAL (128)
  
```

F66MACUR:

1. Binary coded variable. See Part II for explanations for binary coded variables.

F66MACUL ----- LEFT MACULA

```

      type: numeric (float)
      label: F66MACUL
      range: [1,128]
      unique values: 7
      units: 1
      coded missing: 35 / 220
      tabulation:
        Freq.  Numeric  Label
           6         1  PIGMENT (1)
           2         2  VASC. OCCLUSION (2)
           0         4  DEPRESSIONS (4)
           1         8  MACULAR TRAC. (8)
           1        16  HEMORRHAGE (16)
           3        32  MACULAR HOLE (32)
           1        64  PERIF. CAP. DROPOUT (64)
          171       128  NORMAL (128)
  
```

F66MACUL:

1. Binary coded variable. See Part II for explanations for binary coded variables.

F66OPTR ----- RIGHT OPTIC DISK

```

      type: numeric (float)
      label: F66OPTR
      range: [1,4]
      unique values: 3
      units: 1
      coded missing: 51 / 220
      tabulation:
        Freq.  Numeric  Label
           16         1  COMMA SIGN
            4         2  NEOVASCULAR.
          149         4  ABSENT
  
```

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F66OPTH ----- LEFT OPTIC DISK

type: numeric (float)
label: F66OPTH

range: [1,4] units: 1
unique values: 3 coded missing: 56 / 220

tabulation:	Freq.	Numeric	Label
	15	1	COMMA SIGN
	5	2	NEOVASCULAR.
	144	4	ABSENT

F66CENTR ----- RIGHT CENTRAL ARTERY OCCLUSION

type: numeric (float)
label: F66CENTR

range: [1,2] units: 1
unique values: 2 coded missing: 50 / 220

tabulation:	Freq.	Numeric	Label
	167	1	ABSENT
	3	2	PRESENT

F66CENTL ----- LEFT CENTRAL ARTERY OCCLUSION

type: numeric (float)
label: F66CENTL

range: [1,2] units: 1
unique values: 2 coded missing: 54 / 220

tabulation:	Freq.	Numeric	Label
	163	1	ABSENT
	3	2	PRESENT

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F66VEINR ----- RIGHT CENTRAL VEIN OCCLUSION

type: numeric (float)
 label: F66VEINR

range: [1,2] units: 1
 unique values: 2 coded missing: 50 / 220

tabulation:	Freq.	Numeric	Label
	169	1	ABSENT
	1	2	PRESENT

F66VEINL ----- LEFT CENTRAL VEIN OCCLUSION

type: numeric (float)
 label: F66VEINL

range: [1,2] units: 1
 unique values: 2 coded missing: 53 / 220

tabulation:	Freq.	Numeric	Label
	165	1	ABSENT
	2	2	PRESENT

F66PACR ----- PERIPHERAL ARTERIAL OCCLUSION RIGHT

type: numeric (float)
 label: F66PACR

range: [1,5] units: 1
 unique values: 5 coded missing: 59 / 220

tabulation:	Freq.	Numeric	Label
	43	1	0
	41	2	1-30
	15	3	31-60
	16	4	61-90
	46	5	91-100

F66PACL ----- PERIPHERAL ARTERIAL OCCLUSION LEFT

type: numeric (float)
 label: F66PACL

range: [1,5] units: 1
 unique values: 5 coded missing: 66 / 220

tabulation:	Freq.	Numeric	Label
	42	1	0
	39	2	1-30
	12	3	31-60
	14	4	61-90
	47	5	91-100

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F66PAVAR ----- PERIPHERAL ARTERIOLAR-VENULAR ANASTOMSES

type: numeric (float)
 label: F66PAVAR
 range: [1,5] units: 1
 unique values: 5 coded missing: 64 / 220

tabulation:	Freq.	Numeric	Label
	56	1	0
	40	2	1-30
	17	3	31-60
	16	4	61-90
	27	5	91-100

F66PAVAL ----- PERIPHERAL ARTERIOLAR-VENULAR ANASTOMSES

type: numeric (float)
 label: F66PAVAL
 range: [1,5] units: 1
 unique values: 5 coded missing: 75 / 220

tabulation:	Freq.	Numeric	Label
	53	1	0
	37	2	1-30
	11	3	31-60
	18	4	61-90
	26	5	91-100

F66NFPR ----- NEOVASCULAR FIBROUS PROLIFERATION RIGHT

type: numeric (float)
 label: F66NFPR
 range: [1,5] units: 1
 unique values: 5 coded missing: 46 / 220

tabulation:	Freq.	Numeric	Label
	62	1	0
	68	2	1-30
	19	3	31-60
	17	4	61-90
	8	5	91-100

F66NFPL ----- NEOVASCULAR FIBROUS PROLIFERATION LEFT

type: numeric (float)
 label: F66NFPL
 range: [1,5] units: 1
 unique values: 5 coded missing: 58 / 220

tabulation:	Freq.	Numeric	Label
	63	1	0
	55	2	1-30
	24	3	31-60
	11	4	61-90
	9	5	91-100

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F66VHR ----- VITREOUS HEMORRHAGE RIGHT

type: numeric (float)
 label: F66VHR
 range: [1,5] units: 1
 unique values: 5 coded missing: 74 / 220

tabulation:	Freq.	Numeric	Label
	121	1	0
	19	2	1-30
	2	3	31-60
	1	4	61-90
	3	5	91-100

F66VHL ----- VITREOUS HEMORRHAGE LEFT

type: numeric (float)
 label: F66VHL
 range: [1,5] units: 1
 unique values: 5 coded missing: 76 / 220

tabulation:	Freq.	Numeric	Label
	113	1	0
	21	2	1-30
	3	3	31-60
	2	4	61-90
	5	5	91-100

F66RDR ----- RETINAL DETACHMENT RIGHT

type: numeric (float)
 label: F66RDR
 range: [1,5] units: 1
 unique values: 4 coded missing: 79 / 220

tabulation:	Freq.	Numeric	Label
	131	1	0
	5	2	1-30
	1	3	31-60
	4	5	91-100

F66RDL ----- RETINAL DETACHEMNT LEFT

type: numeric (float)
 label: F66RDL
 range: [1,5] units: 1
 unique values: 5 coded missing: 79 / 220

tabulation:	Freq.	Numeric	Label
	129	1	0
	4	2	1-30
	1	3	31-60
	2	4	61-90
	5	5	91-100

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F66INFAR ----- RIGHT AUTO INFARCTION

type: numeric (float)
 label: F66INFAR

range: [1,5] units: 1
 unique values: 5 coded missing: 79 / 220

tabulation:	Freq.	Numeric	Label
	104	1	0
	21	2	1-30
	5	3	31-60
	6	4	61-90
	5	5	91-100

F66INFAL ----- LEFT AUTO INFARCTION

type: numeric (float)
 label: F66INFAL

range: [1,5] units: 1
 unique values: 5 coded missing: 81 / 220

tabulation:	Freq.	Numeric	Label
	100	1	0
	25	2	1-30
	5	3	31-60
	5	4	61-90
	4	5	91-100

F66SEC1 ----- SECTION AND REASON MISSED

type: numeric (float)

range: [3,955] units: 1
 unique values: 16 coded missing: 194 / 220

tabulation:	Freq.	Value
	1	3
	1	12
	1	22
	1	92
	3	93
	1	94
	5	95
	1	110
	3	720
	1	725
	2	750
	1	850
	2	905
	1	922
	1	930
	1	955

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F66SEC2 ----- SECTION AND REASON MISSED

type: numeric (float)
 range: [122,850] units: 1
 unique values: 5 coded missing: 213 / 220

tabulation:	Freq.	Value
	1	122
	2	720
	1	820
	1	825
	2	850

F66SEC3 ----- SECTION AND REASON MISSED

type: numeric (float)
 range: [131,135] units: 1
 unique values: 3 coded missing: 217 / 220

tabulation:	Freq.	Value
	1	131
	1	132
	1	135

F66GOLDM ----- GOLDMANN PERIMETRY DONE

type: numeric (float)
 label: F66GOLDM
 range: [1,4] units: 1
 unique values: 3 coded missing: 63 / 220

tabulation:	Freq.	Numeric	Label
	3	1	RIGHT
	2	3	BOTH
	152	4	NOT DONE

F66OPHYS ----- OTHER PHYSICAL FINDINGS

type: numeric (float)
 label: F66OPHYS
 range: [1,2] units: 1
 unique values: 2 coded missing: 100 / 220

tabulation:	Freq.	Numeric	Label
	107	1	NO
	13	2	YES

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F66PHOTO ----- RETINAL PHOTO DONE

type: numeric (float)
label: F66PHOTO

range: [1,2] units: 1
unique values: 2 coded missing: 64 / 220

tabulation:	Freq.	Numeric	Label
	64	1	DONE
	92	2	NOT DONE

F66PCOAG ----- PHOTOCOAGULARION DONE

type: numeric (float)
label: F66PCOAG

range: [1,2] units: 1
unique values: 2 coded missing: 52 / 220

tabulation:	Freq.	Numeric	Label
	119	1	NOT DONE
	49	2	DONE

F66XENON ----- NUMBER OF TIMES XENON DONE

type: numeric (float)

range: [0,4] units: 1
unique values: 4 coded missing: 214 / 220

tabulation:	Freq.	Value
	2	0
	2	1
	1	2
	1	4

F66ARGON ----- NUMBER OF TIMES ARGON DONE

type: numeric (float)

range: [0,92] units: 1
unique values: 6 coded missing: 191 / 220

tabulation:	Freq.	Value
	3	0
	20	1
	2	2
	2	3
	1	7
	1	92

8.0: Chronic Events - Overview

F66CRYO ----- CRYO SURGERY DONE

type: numeric (float)
label: F66CRYO
range: [1,2] units: 1
unique values: 2 coded missing: 85 / 220
tabulation: Freq. Numeric Label
 128 1 NOT DONE
 7 2 DONE

F66DIATH ----- DIATHERMY DONE

type: numeric (float)
label: F66DIATH
range: [1,2] units: 1
unique values: 2 coded missing: 87 / 220
tabulation: Freq. Numeric Label
 132 1 NOT DONE
 1 2 DONE

F66VHEM ----- VITREOUS HEMORRHAGE

type: numeric (float)
label: F66VHEM
range: [1,2] units: 1
unique values: 2 coded missing: 202 / 220
tabulation: Freq. Numeric Label
 13 1 BEDREST
 5 2 VITRECTOMY

F66RETD ----- RETINAL DETACHMENT

type: numeric (float)
label: F66RETD
range: [1,2] units: 1
unique values: 2 coded missing: 210 / 220
tabulation: Freq. Numeric Label
 3 1 PHOTOCOAGULATION
 7 2 SCHLERAL BUCKLE

F66TRANS ----- TRANSFUSION

type: numeric (float)
label: F66TRANS
range: [1,2] units: 1
unique values: 2 coded missing: 165 / 220
tabulation: Freq. Numeric Label
 53 1 NO
 2 2 YES

8.0: Chronic Events - Overview

F66FINAL ----- FINAL DIAGNOSIS

type: numeric (float)

label: F66FINAL

range: [1,6] units: 1

unique values: 6 coded missing: 32 / 220

tabulation: Freq.	Numeric	Label
23	1	AUTO INFARCTION
71	2	RETINOPATHY
54	3	STAGE III
10	4	STAGE IV
6	5	STAGE V
24	6	OTHER

_dta:

1. Created 7/28/2000.
