

CODEBOOK FOR CSSCD FORM 75
 CHEST, SHOULDER, HIP X-RAY REPORT FORM - PAGE 1
 CSSCD FULL COHORT PATIENTS

CONTENTS OF SAS DATASET: R75.SD2
 DATA FROM CSSCD FORMS 12, 20, 22, 75 - CHEST AND SHOULDER X-RAY REPORT
 VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION
 IN THE SAS DATASET AND ON THE FORMS

The SAS System 10:22 Tuesday, October 31, 2006

The CONTENTS Procedure

Data Set Name	OUT1.R75	Observations	5483
Member Type	DATA	Variables	16
Engine	V9	Indexes	0
Created	15:55 Tuesday, October 24, 2006	Observation Length	128
Last Modified	15:55 Tuesday, October 24, 2006	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	12288
Number of Data Set Pages	58
First Data Page	1
Max Obs per Page	95
Obs in First Data Page	73
Number of Data Set Repairs	0
File Name	r75.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 #
6	AVNCR	Num	8	AVASCULAR NECROSIS SHOULDER
5	BNABN	Num	8	BONE ABNORMALITIES
2	CARD	Num	8	CARDIOMEGALY
12	CTR	Num	8	C-T RATIO
9	CYSL	Num	8	SHOULDER CYSTIC LESIONS
14	F75FORM	Num	8	FORM ON WHICH DATA WAS SENT IN
13	F75RPT	Num	8	X-RAY REPORT RECEIVED
11	FMDEF	Num	8	FISH-MOUTH DEFORMITY
10	GHOST	Num	8	GENERALIZED OSTEOPOROSIS
15	JCHXR	Num	8	DATE CHEST X-RAY - RECODE DAYS SINCE DOE
16	JSXRAYDT	Num	8	DATE OF SHOULDER X-RAY - RECODE DAYS SINCE DOE
3	LNGIN	Num	8	LUNG INFILTRATE
4	PLEFF	Num	8	PLEURAL EFFUSION
8	SCLR	Num	8	SHOULDER SCLEROSIS
7	SHPROS	Num	8	SHOULDER PROSTHESIS

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* R75.FMT contains value labels for numerical codes assigned to
categorical *
* variables in the SAS dataset R75.SD2
*

*****;

* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD 07/01/99 14:12:31;

PROC FORMAT;

* FORMAT QUEST is used for the following variables: CARD BNABN
AVNCR SCLR
CYSL GHOST
FMDEF;

VALUE QUEST
1 = 'YES'
2 = 'NO'
3 = '??';

* FORMAT T4X IS DEFINED FOR VARIABLE LNGIN;

VALUE T4X
1 = 'LT-UPPER LOBE'
2 = 'LT-LINGULA'
4 = 'LT-LOWER LOBE'
8 = 'RT-UPPER LOBE'
16 = 'RT-MIDDLE LOBE'
32 = 'RT-LOWER LOBE'
64 = 'NO'
0 = 'YES,SITE MISSING';

* FORMAT T5X IS DEFINED FOR VARIABLE PLEFF;

VALUE T5X
1 = 'RIGHT'
2 = 'LEFT'
3 = 'BOTH'
4 = 'NO'
0 = 'YES,SITE MISSING';

* FORMAT T8X IS DEFINED FOR VARIABLE SHPROS;

VALUE T8X
1 = 'RIGHT'
2 = 'LEFT'
3 = 'BOTH'

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4 = 'NO';

* FORMAT T13X IS DEFINED FOR VARIABLE F75RPT;

VALUE T13X

1 = 'YES'
 2 = 'NO';

* FORMAT T14X IS DEFINED FOR VARIABLE F75FORM;

VALUE T14X

12 = '12-INTAKE LAB'
 20 = '20-SECOND ANNUAL'
 22 = '22-THIRD ANNUAL'
 75 = '75-X-RAY FORM';

* FORMAT T2X.

CARD BNABN AVNCR SCLR
 CYSL GNOST FMDEF QUEST.
 LNGIN T4X.
 PLEFF T5X.
 SHPROS T8X.
 F75RPT T13X.
 F75FORM T14X.;

RUN;
 QUIT;

F75VDATE ----- **VERSION DATE** DELETED

type: numeric (float)
 label: datelab

range: [7662,8629] units: 1
 unique values: 2 coded missing: 5453 / 5483

tabulation:	Freq.	Numeric	Label
	21	7662	12/23/80
	9	8629	08/17/83

CARD ----- **CARDIOMEGALY**

type: numeric (float)
 label: CARD

range: [1,2] units: 1
 unique values: 2 coded missing: 1248 / 5483

tabulation:	Freq.	Numeric	Label
	2056	1	YES
	2179	2	NO

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LNGIN ----- LUNG INFILTRATE

type: numeric (float)
label: LNGIN

range: [0,64] units: 1
unique values: 24 coded missing: 1194 / 5483

tabulation:	Freq.	Numeric	Label
	16	0	YES,SITE MISSING(0)
	7	1	LT-UPPER LOBE(1)
	7	2	LT-LINGULA(2)
	19	4	LT-LOWER LOBE(4)
	1	5	
	1	6	
	1	7	
	18	8	RT-UPPER LOBE(8)
	3	9	
	1	12	
	12	16	RT-MIDDLE LOBE(16)
	2	19	
	1	27	
	33	32	RT-LOWER LOBE(32)
	34	36	

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BNABN ----- BONE ABNORMALITIES

type: numeric (float)
 label: BNABN

range: [1,2] units: 1
 unique values: 2 coded missing: 2763 / 5483

tabulation:	Freq.	Numeric	Label
	417	1	YES
	2303	2	NO

AVNCR ----- AVASCULAR NECROSIS SHOULDER

type: numeric (float)
 label: AVNCR

range: [1,3] units: 1
 unique values: 3 coded missing: 473 / 5483

tabulation:	Freq.	Numeric	Label
	335	1	YES
	4658	2	NO
	17	3	??

SHPROS ----- SHOULDER PROSTHESIS

type: numeric (float)
 label: SHPROS

range: [1,4] units: 1
 unique values: 2 coded missing: 4573 / 5483

tabulation:	Freq.	Numeric	Label
	2	1	RIGHT
	908	4	NO

SCLR ----- SHOULDER SCLEROSIS

type: numeric (float)
 label: SCLR

range: [1,2] units: 1
 unique values: 2 coded missing: 603 / 5483

tabulation:	Freq.	Numeric	Label
	486	1	YES
	4394	2	NO

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CYSL ----- SHOULDER CYSTIC LESIONS

type: numeric (float)
 label: CYSL

range: [1,2] units: 1
 unique values: 2 coded missing: 644 / 5483

tabulation:	Freq.	Numeric	Label
	100	1	YES
	4739	2	NO

GHOST ----- GENERALIZED OSTEOPOROSIS

type: numeric (float)
 label: GHOST

range: [1,2] units: 1
 unique values: 2 coded missing: 2820 / 5483

tabulation:	Freq.	Numeric	Label
	285	1	YES
	2378	2	NO

FMDEF ----- FISH-MOUTH DEFORMITY

type: numeric (float)
 label: FMDEF

range: [1,2] units: 1
 unique values: 2 coded missing: 2832 / 5483

tabulation:	Freq.	Numeric	Label
	385	1	YES
	2266	2	NO

CTR ----- C-T RATIO

type: numeric (float)

range: [.3,.81] units: .01
 unique values: 43 coded missing: 4177 / 5483

mean: .523714
 std. dev: .062729

percentiles:	10%	25%	50%	75%	90%
	.45	.49	.52	.56	.6

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F75RPT ----- X-RAY REPORT RECEIVED

type: numeric (float)
label: F75RPT

range: [1,2] units: 1
unique values: 2 coded missing: 3568 / 5483

tabulation:	Freq.	Numeric	Label
	1256	1	YES
	659	2	NO

F75FORM ----- FORM ON WHICH DATA WAS SENT IN

type: numeric (float)
label: F75FORM

range: [12,75] units: 1
unique values: 4 coded missing: 0 / 5483

tabulation:	Freq.	Numeric	Label
	2927	12	12-INTAKE LAB
	110	20	20-SECOND ANNUAL
	1510	22	22-THIRD ANNUAL
	936	75	75-X-RAY FORM

_dta:

1. Created 08/01/00.

- A. List of variables deleted CHXR F75INIT F75NDATE F75LASTU F75LASTE
F75ESTAT F75VDATE F75FCB SXRAYDT
- 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 CHXR SXRAYDT
- H. New name JCHXR JSXRAYDT
- I. Collection Information:

Form 75 (Chest, Shoulder, Hip X-Ray Report Form) was to be filled out
whenever a study chest x-ray, shoulder x-ray, or hip and pelvis x-ray (see Section

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6.4) was completed. Chest and shoulder x-rays were required at entry or age 1 at the earliest. They were required at the second annual visit only if not done at entry. During the extension, shoulder x-rays were to be repeated on patients ≥ 10 years of age if the last x-ray was done more than 4 years ago. During the exit period which began in May of 1986, repeat x-rays were required only for the small number of "control" patients whose earlier films were centrally reviewed at the University of Tennessee Health Sciences Center (See variable **SHOULDER** in Section 1.0 (SAS dataset: **R09.SD2**). However, if any of these patients had repeat x-rays done after August 1983, another study was not required. Repeat x-rays for all "controls" were also sent to the University of Tennessee Health Sciences Center for central reading.

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

K. Form Version Dates: 12/23/80, 08/17/83

L. Files Used to Store Information:

SAS System Files: **R75.SD2**

Format Files: **R75.FMT**

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

Records within the dataset are sorted by **ANONID** and **CHXR** (see H below).

N. Number of Observations (Patients) in SAS Dataset: 5483 (3142)

The number of shoulder x-rays completed for each patient is summarized below:

# of x-rays	# of patients
0	99
1	1176
2	1683
3	179
4	5

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CSSCD FULL COHORT PATIENTS

O. Contents of SAS Dataset:

- Alphabetical Listing of Variables: See p. 1
- Listing of Variables by Position: See p. 2

P. Notes About Selected Variables:

- **CHXR** – is the variable name for date of chest x-ray and was used as a sort ID variable within the dataset. If only shoulder x-rays were done, the date of the shoulder x-ray was entered as the chest x-ray date.

Q. Computed Variables: None

R. Inter-Relationship With Other Datasets:

Other sources of information relevant to shoulder x-ray findings or aseptic necrosis are

Phase 1 Forms	SAS Dataset	See Section
Chest, Shoulder, Hip X-ray Report Form	R76.SD2	6.4
Aseptic Necrosis	R64.SD2	8.2.1
Aseptic Necrosis Central Review Results	R65.SD2	8.2.2
“Roster”	R09.SD2	1.0 (variables: SHOULDER, HIP, ANDATE, VARDATE)
Past Medical History	R10.SD2	2.3
Surgery and Anesthesia	R83.SD2	9.1

S. List of variables deleted **HIPDT F76INIT F76NDATE F76LASTU F76LASTE F76ESTAT F76VDATE F76FCB**

T. List of variables modified **NONE**

U. List of variables modified with a name change **NONE**

V. Old name

W. New name

X. List of variables modified date to days since DOE

Y. Old name **HIPDT**

Z. New name **JHIPDT**

AA. Collection Information:

Form 75 (Chest, Shoulder, Hip X-Ray Report Form) was to be filled out whenever a study chest x-ray, shoulder x-ray, or hip and pelvis x-ray was completed.

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Hip and pelvis x-rays were required at entry for patients entered at age ≥ 5 years and at age 5 for patients entered at age < 5 years. Repeat studies were required for patients ≥ 10 years of age during the extension if the last study was completed more than 4 years ago. During the exit period which began in May of 1986, repeat x-rays were required only for the small number of "control" patients whose earlier films were centrally reviewed at the University of Tennessee Health Sciences Center (See variable **HIP** in Section 1.0 (SAS dataset: **R09.SD2**). However, if any of these patients had repeat x-rays done after August 1983, another study was not required. Repeat x-rays for all "controls" were also sent to the University of Tennessee Health Sciences Center for central reading.

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

CC. Form Version Dates: 08/17/83

DD. Files Used to Store Information:

SAS System Files: **R76.SD2**

Format Files: **R76.FMT**

EE. Unique Record Identifiers: **ANONID, HIPDT**

Records within the dataset are sorted by **ANONID** and **HIPDT**

FF. Number of Observations (Patients) in SAS Dataset: 4869 (2879)

The number of hip x-rays completed for each patient is summarized below:

# of x-rays	# of patients
1	1049
2	1677
3	147
4	5
5	1

GG. Contents of SAS Dataset:

- Alphabetical Listing of Variables: See p. 1
- Listing of Variables by Position: See p. 2

HH. Notes About Selected Variables: None

II. Computed Variables: None

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JJ. Inter-Relationship With Other Datasets:

Other sources of information relevant to hip and pelvis x-ray findings or aseptic necrosis are

Phase 1 Forms	SAS Dataset	See Section
Chest, Shoulder, Hip X-ray Report Form	R75.SD2	6.3
Aseptic Necrosis	R64.SD2	8.2.1
Aseptic Necrosis Central Review Results	R65.SD2	8.2.2
“Roster”	R09.SD2	1.0 (variables: SHOULDER, HIP, ANDATE, VARDATE)
Past Medical History	R10.SD2	2.3
Surgery and Anesthesia	R83.SD2	9.1

CONTENTS OF SAS DATASET: R76.SD2
DATA FROM CSSCD FORMS 12, 22, 75 - HIP X-RAY REPORT
VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION
IN THE SAS DATASET AND ON THE FORMS

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The CONTENTS Procedure

Data Set Name	OUT1.R76	Observations	4869
Member Type	DATA	Variables	7
Engine	V9	Indexes	0
Created	16:02 Tuesday, October 24, 2006	Observation Length	56
Last Modified	16:02 Tuesday, October 24, 2006	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	8192
Number of Data Set Pages	34
First Data Page	1
Max Obs per Page	145
Obs in First Data Page	112
Number of Data Set Repairs	0
File Name	r76.sas7bdat
Release Created	9.0000M0
Host Created	XP_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
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CODEBOOK FOR CSSCD FORM 75
 CHEST, SHOULDER, HIP X-RAY REPORT FORM
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1	ANONID	Char	8	ANONYMIZED ID #
6	F76FORM	Num	8	FORM ON WHICH DATA WAS SENT IN
5	F76RPT	Num	8	X-RAY REPORT RECEIVED
2	HPF	Num	8	HIP AND PELVIS FILMS
3	HPFAN	Num	8	ASEPTIC NECROSIS HIP
4	HPPROS	Num	8	HIP PROSTHESIS
7	JHIPDT	Num	8	DATE OF HIP-PELVIS X-RAYS - RECODE DAYS SINCE DOE

```
*****
*****
* R76.FMT contains value labels for numerical codes assigned to
categorical*
* variables in the SAS dataset R76.SD2
*
*****
*****;
```

```
* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD 06/12/99 12:48:17;
```

```
PROC FORMAT;
```

```
VALUE HPF
1          = 'NORMAL'
2          = 'ABNORMAL'
3          = '??';
```

```
VALUE HPFAN
1          = 'YES'
2          = 'NO'
3          = '??';
```

```
VALUE HPPROS
1          = 'RIGHT'
2          = 'LEFT'
3          = 'BOTH'
4          = 'NO';
```

```
VALUE F76RPT
1          = 'YES'
```

CODEBOOK FOR CSSCD FORM 75
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CSSCD FULL COHORT PATIENTS

2 = 'NO';

VALUE F76FORM

12 = '12-INTAKE LAB'
22 = '22-THIRD ANNUAL'
75 = '75-X-RAY FORM';

* FORMAT

HPF HPF.
HPFAN HPFAN.
HPPROS HPPROS.
F76RPT F76RPT.
F76FORM F76FORM.;

RUN;
QUIT;

CODEBOOK FOR CSSCD "RECORD" 26
 SPLEEN SCAN TEST FOR PATIENTS < 2 YEARS OF AGE

CSSCD FULL COHORT PATIENTS

F76VDATE ----- VERSION DATE DELETED

type: numeric daily date (int)
 label: datelab

range: [8629,8629] units: 1
 or equivalently: [17aug1983,17aug1983] units: days
 unique values: 1 coded missing: 4860 / 4869

tabulation:	Freq.	Numeric	Label
	9	8629	08/17/83

HPF ----- HIP AND PELVIS FILMS

type: numeric (float)
 label: HPF

range: [1,3] units: 1
 unique values: 3 coded missing: 84 / 4869

tabulation:	Freq.	Numeric	Label
	3863	1	NORMAL
	907	2	ABNORMAL
	15	3	??

HPFAN ----- ASEPTIC NECROSIS HIP

type: numeric (float)
 label: HPFAN

range: [1,3] units: 1
 unique values: 3 coded missing: 783 / 4869

tabulation:	Freq.	Numeric	Label
	482	1	YES
	3575	2	NO
	29	3	??

HPPROS ----- HIP PROSTHESIS

type: numeric (float)
 label: HPPROS

range: [1,4] units: 1
 unique values: 4 coded missing: 3914 / 4869

tabulation:	Freq.	Numeric	Label
	7	1	RIGHT
	20	2	LEFT
	13	3	BOTH
	915	4	NO

CODEBOOK FOR CSSCD "RECORD" 26
SPLEEN SCAN TEST FOR PATIENTS < 2 YEARS OF AGE

CSSCD FULL COHORT PATIENTS

RBC count was > 3.5%, or there was a severe bacterial infection. Blood to be sent to Yale for pocked RBC count was to be drawn on the same day the spleen scan was done.

TT. Data Collection Period: 03/79 – 10/82

UU. Form Version Dates: N/A

VV. Files Used to Store Information:

SAS System Files: **R26.SD2**

Format Files: **R26.FMT**

WW. Unique Record Identifiers: **ANONID, F26CYCLE**

Records within the dataset are sorted by **ANONID** and **F26CYCLE**

XX. Number of Observations (Patients) in SAS Dataset: 91 (91)

YY. Contents of SAS Dataset:

- Alphabetical Listing of Variables: See p. 1
- Listing of Variables by Position: See p. 2

ZZ. Notes About Selected Variables: None

AAA. Computed Variables:

- **F26BEFDT, F26AFTDT** – are variable names for closest routine visit dates preceding and following the spleen scan respectively. These variables were updated using date information from routine visit forms 16, 12, or 17 (See Section 4).
- **F26BPITD, F26APITD** – are variable names for closest pocked RBC count dates preceding and following the spleen scan respectively. These variables were updated using date information from pocked RBC records (See section 5.2)
- **F25BEFC, F26AFTC** – are variable names for closest routine visit cycles preceding and following the spleen scan respectively. These variables were updated using the cycle values for the closest routine visits preceding and following the scan (See Section 4).

BBB. Inter-Relationship With Other Datasets:

CODEBOOK FOR CSSCD "RECORD" 26
SPLEEN SCAN TEST FOR PATIENTS < 2 YEARS OF AGE
 CSSCD FULL COHORT PATIENTS

Other sources of information relevant to splenic function, splenic sequestration, and splenectomy are

Phase 1 Forms	SAS Dataset	See Section
Pit Count Report Form	R07.SD2	5.2
Form 16	R16.SD2	4.1
Form 16E	R24.SD2	4.2
Form 11	R1121.SD2	4.3
Form 12	R1222.SD2	4.4
Forms 17, 19, 20, 21, 24	R1722.SD2	4.5
Form 25	R25.SD2	4.6
Form 46	R46.SD2	7.6.1
Form 48	R48.SD2	7.7.1
--	R58.SD2	7.7.3
Form 53	R53.SD2	7.9
Form 83	R83.SD2	9.1
Form 10	R10.SD2	2.3
Form 15	R15.SD2	2.2
"Roster"	R09.SD2	1.0 (variable: SPLNSTAT)

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DATA FROM CSSCD "RECORD" 26 - SPLEEN SCAN REPORT FOR PATIENTS < 2 YEARS OF AGE
VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION
IN THE SAS DATASET

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Data Set Name	OUT1.R26	Observations	91
Member Type	DATA	Variables	11
Engine	V9	Indexes	0
Created	16:21 Tuesday, October 24, 2006	Observation Length	88
Last Modified	16:21 Tuesday, October 24, 2006	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	8192
Number of Data Set Pages	2
First Data Page	1
Max Obs per Page	92
Obs in First Data Page	64
Number of Data Set Repairs	0
File Name	r26.sas7bdat
Release Created	9.0000M0
Host Created	XP_PRO

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SPLEEN SCAN TEST FOR PATIENTS < 2 YEARS OF AGE
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Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	ANONID	Char	8	ANONYMIZED ID #
6	F26AFTC	Num	8	CLOSEST CYCLE FOLLOWING SCAN
7	F26APITD	Num	8	CLOSEST PIT DATE FOLLOWING SCAN
5	F26BEFC	Num	8	CLOSEST CYCLE PRECEEDING SCAN
2	F26CYCLE	Num	8	CYCLE NUMBER
3	F26IFUNC	Num	8	SPLEEN FUNCTION-INSTITUTIONAL
4	F26ISIZE	Num	8	SPLEEN SIZE-INSTITUTIONAL
10	J26AFTDT	Num	8	CLOSEST DATE OF ROUTINE VISIT FOLLOWING - RECODE DAYS SINCE DOE
9	J26BEFDT	Num	8	CLOSEST DATE OF ROUTINE VISIT PRECEEDING - RECODE DAYS SINCE DOE
11	J26BPITD	Num	8	CLOSEST PIT DATE PRECEEDING SCAN - RECODE DAYS SINCE DOE
8	JF26DATE	Num	8	DATE OF VISIT - RECODE DAYS SINCE DOE

* R26.FMT contains value labels for numerical codes assigned to categorical*

* variables in the SAS dataset R26.SD2

*

****;

* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD 06/11/99 14:42:33;

PROC FORMAT;

*FORMAT FUNC used for the following variables: F26IFUNC;

VALUE FUNC

1	= 'NORMAL'
2	= 'HYPOSPLENIA'
3	= 'ASPLENIA'
4	= 'HYPERSPLENIA';

*FORMAT ENLG used for the following variables: F26ISIZE
 F26ILIVS F26RLIVS;

CODEBOOK FOR CSSCD "RECORD" 26
SPLEEN SCAN TEST FOR PATIENTS < 2 YEARS OF AGE

CSSCD FULL COHORT PATIENTS

VALUE ENLG

0 = 'NOT ENLARGED'
1 = 'ENLARGED'
9 = 'MISSING';

*FORMAT NDAI used for the following variables: F26ILIVF F26RLIVF;

VALUE NDAI

1 = 'NORMAL'
2 = 'DECREASED'
3 = 'ABSEND'
4 = 'INCREASED';

* FORMAT F26IFUNC FUNC.
F26ISIZE
F26ILIVS F26RLIVS ENLG.
F26ILIVF F26RLIVF NDAI.;

RUN;
QUIT;

CODEBOOK FOR CSSCD "RECORD" 26
SPLEEN SCAN TEST FOR PATIENTS < 2 YEARS OF AGE

CSSCD FULL COHORT PATIENTS

F26CYCLE ----- CYCLE NUMBER

type: numeric (float)

range: [1,1] units: 1
unique values: 1 coded missing: 0 / 91

tabulation: Freq. Value
91 1

F26IFUNC ----- SPLEEN FUNCTION-INSTITUTIONAL

type: numeric (float)
label: F26IFUNC

range: [1,4] units: 1
unique values: 4 coded missing: 0 / 91

tabulation: Freq. Numeric Label
53 1 NORMAL
15 2 HYPOSPLENIA
22 3 ASPLENIA
1 4 HYPERSPLENIA

F26ISIZE ----- SPLEEN SIZE-INSTITUTIONAL

type: numeric (float)
label: F26ISIZE

range: [0,1] units: 1
unique values: 2 coded missing: 0 / 91

tabulation: Freq. Numeric Label
72 0 NOT ENLARGED
19 1 ENLARGED

F26BEFC ----- CLOSEST CYCLE PRECEEDING SCAN

type: numeric (float)

range: [4,26] units: 1
unique values: 15 coded missing: 1 / 91

tabulation: Freq. Value
2 4
2 5
2 6
1 7
2 8
2 9
1 10
1 11
2 12
2 13
2 14
2 16
2 20
2 21
1 26

tabulation: Freq. Value
11 12
3 13

6.3: Chest, Shoulder, Hip X-Ray Report Form – Form 75

6.3: Chest, Shoulder, Hip X-Ray Report Form – Form 75

F26AFTC ----- CLOSEST CYCLE FOLLOWING SCAN

type: numeric (float)
 range: [8,18] units: 1
 unique values: 8 coded missing: 64 / 91

tabulation: Freq. Value

3	8
3	9
1	11
10	12
4	13
2	15
1	16
3	18

F26RFUNC ----- SPLEEN FUNCTION-REVIEWER

DELETED

type: numeric (float)
 label: F26RFUNC
 range: [1,3] units: 1
 unique values: 3 coded missing: 61 / 91

tabulation: Freq. Numeric Label

12	1	NORMAL
8	2	HYPOSPLENIA
10	3	ASPLENIA

F26RSIZE ----- SPLEEN SIZE-REVIEWER

DELETED

type: numeric (float)
 label: F26RSIZE
 range: [0,1] units: 1
 unique values: 2 coded missing: 62 / 91

tabulation: Freq. Numeric Label

27	0	NOT ENLARGED
2	1	ENLARGED

_dta:

1. Created 8/9/2000.

CCC. List of variables deleted **XRD F77INIT F77NDATE F77LASTU F77LASTE
 F77ESTAT F77VDATE F77FCB**

DDD. List of variables modified **NONE**

EEE. List of variables modified with a name change **NONE**

FFF. Old name

GGG. New name

6.3: Chest, Shoulder, Hip X-Ray Report Form – Form 75

HHH. List of variables modified date to days since DOE

III. Old name **XRD**

JJJ. New name **JXRD**

KKK. Collection Information:

Form 77 (Plain Film Report Form) was to be filled out whenever a study abdominal x-ray was completed. Plain films of the abdomen were required for patients entered at 10-14 years of age and at 25-30 years of age. This x-ray was also required for patients entered at < 10 years of age who turned 10 before August 1983 and for patients entered at < 25 years of age who turned 25 before August 1983. If gallstones were absent on plain film (or results were equivocal), an oral cholecystogram or sonogram was to be done on patients in the older age range. In 1983, it was decided that oral cholecystograms were acceptable only if they showed gallstones. If an oral cholecystogram was done and showed no stones, a sonogram was required. A plain film was not required for a patient who had a cholecystectomy prior to entry (or entry into the age range for which the x-ray was required). In a few cases, results obtained at the time of a right upper quadrant (RUQ) event were used to meet this requirement.

LLL. Data Collection Period: 03/79 - 10/85

MMM. Form Version Dates: 02/02/84

NNN. Files Used to Store Information:

SAS System Files: **R77.SD2**

Format Files: **R77.FMT**

OOO. Unique Record Identifiers: **ANONID, XRD**

Records within the dataset are sorted by **ANONID** and **XRD**

PPP. Number of Observations (Patients) in SAS Dataset: 1640 (1566)

Seventy-three of the 1566 patients had a repeat abdominal x-ray during the study period.

QQQ. Contents of SAS Dataset:

- Alphabetical Listing of Variables: See p. 1
- Listing of Variables by Position: See p. 2

6.3: Chest, Shoulder, Hip X-Ray Report Form – Form 75

RRR. Notes About Selected Variables: None

SSS. Computed Variables: None

TTT. Inter-Relationship With Other Datasets:

Other sources of information relevant to gallstone data are

Phase 1 Forms	SAS Dataset	See Section
"Roster"	R09.SD2	1.0 (variables: PFLMSTAT, SONOGRAM)
78	R78.SD2	6.6.2
79	R79.SD2	6.6.3
10	R10.SD2	2.3
17, 19, 20, 21, 24	R1722.SD2	4.5
25	R25.SD2	4.6
34	R34.SD2	7.3.1
83	R83.SD2	9.1

CONTENTS OF SAS DATASET: R77.SD2
DATA FROM CSSCD FORM 77 - PLAIN FILM REPORT FORM
VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION
IN THE SAS DATASET AND ON FORM 77

The SAS System 10:22 Tuesday, October 31, 2006 6

The CONTENTS Procedure

Data Set Name	OUT1.R77	Observations	1640
Member Type	DATA	Variables	8
Engine	V9	Indexes	0
Created	11:20 Wednesday, October 25, 2006	Observation Length	64
Last Modified	11:20 Wednesday, October 25, 2006	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	8192
Number of Data Set Pages	14
First Data Page	1
Max Obs per Page	127
Obs in First Data Page	97
Number of Data Set Repairs	0
File Name	r77.sas7bdat
Release Created	9.0000M0
Host Created	XP_PRO

Alphabetic List of Variables and Attributes

6.3: Chest, Shoulder, Hip X-Ray Report Form – Form 75

#	Variable	Type	Len	Label
1	ANONID	Char	8	ANONYMIZED ID #
7	F77FORM	Num	8	FORM ON WHICH DATA WAS SENT IN
6	F77RPT	Num	8	PFLM REPORT RECEIVED
8	JXRD	Num	8	DATE OF PLAIN FILM - RECODE DAYS SINCE DOE
2	XGAL	Num	8	GALLSTONES
3	XGFL	Num	8	GAS FILLED LOOPS
5	XPNC	Num	8	PANCREATIC CALCIFICATION
4	XPSOA	Num	8	PSOAS SHADOWS

```
*****
*****
* R77.FMT contains value labels for numerical codes assigned to
categorical*
* variables in the SAS dataset R77.SD2
*
*****
****;
```

PROC FORMAT;

* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD 10/21/99 14:34:22;

```
VALUE XGAL
  1          = 'PRESENT'
  2          = 'ABSENT'
  3          = '??';
```

* FORMAT YES_NO is used for the following variables: XGFL F77RPT;

```
VALUE YES_NO
  1          = 'YES'
  2          = 'NO';
```

```
VALUE XPSOA
  1          = 'SEEN'
  2          = 'NOT SEEN';
```

```
VALUE XPNC
  1          = 'YES'
```

6.3: Chest, Shoulder, Hip X-Ray Report Form – Form 75

2 = 'NO'
3 = '??';

* FORMAT MMDDYY8.
 XGAL XGAL.
 XGFL F77RPT YES_NO.
 XPSOA XPSOA.
 XPNC XPNC.;

RUN;
QUIT;

6.3: Chest, Shoulder, Hip X-Ray Report Form – Form 75

F77VDATE ----- VERSION DATE DELETED

type: numeric (int)
range: [.,.] units: .
unique values: 0 coded missing: 1640 / 1640
tabulation: Freq. Value

XGAL ----- GALLSTONES

type: numeric (float)
label: XGAL
range: [1,3] units: 1
unique values: 3 coded missing: 4 / 1640
tabulation: Freq. Numeric Label
231 1 PRESENT
1392 2 ABSENT
13 3 ??

XGFL ----- GAS FILLED LOOPS

type: numeric (float)
label: XGFL
range: [1,2] units: 1
unique values: 2 coded missing: 117 / 1640
tabulation: Freq. Numeric Label
340 1 YES
1183 2 NO

XPSOA ----- PSOAS SHADOWS

type: numeric (float)
label: XPSOA
range: [1,2] units: 1
unique values: 2 coded missing: 151 / 1640
tabulation: Freq. Numeric Label
446 1 SEEN
1043 2 NOT SEEN

XPNC ----- PANCREATIC CALCIFICATION

type: numeric (float)
label: XPNC
range: [1,2] units: 1
unique values: 2 coded missing: 100 / 1640
tabulation: Freq. Numeric Label
17 1 YES
1523 2 NO

6.3: Chest, Shoulder, Hip X-Ray Report Form – Form 75

F77RPT ----- PFLM REPORT RECEIVED

type: numeric (float)
label: F77RPT

range: [1,2] units: 1
unique values: 2 coded missing: 1441 / 1640

tabulation:	Freq.	Numeric	Label
	167	1	YES
	32	2	NO

F77FORM ----- FORM ON WHICH DATA WAS SENT IN

type: numeric (float)

range: [12,77] units: 1
unique values: 2 coded missing: 0 / 1640

tabulation:	Freq.	Value
	1609	12
	31	77

_dta:

1. Created 10/27/99

UUU. List of variables deleted **SONODT F78INIT F78NDATE F78LASTU F78LASTE
F78ESTAT F78VDATE F78FCB**

VVV. List of variables modified **NONE**

WWW. List of variables modified with a name change **NONE**

XXX. Old name

YYY. New name

ZZZ. List of variables modified date to days since DOE

AAAA. Old name **SONODT**

BBBB. New name **JSONODT**

CCCC. Collection Information:

Form 78 (Sonogram Report Form) was to be filled out whenever a study sonogram was completed. This test was required for patients entered between 25-30 years of age or who turned 25 before August 1983 if a plain film of the abdomen was negative (or equivocal) for gallstones and an oral cholecystogram was either not done or negative for gallstones. Repeat sonograms were required for patients 4 years after the initial study sonogram if gallstones were not present on the initial sonogram. The repeat sonogram requirement was discontinued in May 1986.

6.3: Chest, Shoulder, Hip X-Ray Report Form – Form 75

Sonograms were also required at exit for a random sample of 4 ∞ gene HbSS patients between the ages of 10-12 years.

DDDD. Data Collection Period: 03/79 – 10/87

EEEE. Form Version Dates: 08/17/83

FFFF. Files Used to Store Information:

SAS System Files: **R78.SD2**

Format Files: **R78.FMT**

GGGG. Unique Record Identifiers: **ANONID, SONODT**

Records within the dataset are sorted by **ANONID** and **SONODT**

HHHH. Number of Observations (Patients) in SAS Dataset: 601 (528)

Seventy-one of the 528 patients have two sonogram records on the database.

IIII. Contents of SAS Dataset:

- Alphabetical Listing of Variables: See p. 1
- Listing of Variables by Position: See p. 2

JJJJ. Notes About Selected Variables: None

KKKK. Computed Variables: None

6.3: Chest, Shoulder, Hip X-Ray Report Form – Form 75

5	JSONODT	Num	8	DATE OF SONOGRAM - RECODE DAYS SINCE DOE
2	SONO	Num	8	SONOGRAM RESULTS

```
*****
*****
* R78.fmt contains value labels for numerical codes assigned to
categorical *
* variables in the SAS dataset R78.SD2
*
*****
*****;
```

```
* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD 10/28/99 14:36:45;
```

```
PROC FORMAT;
```

```
VALUE SONO
```

```
1          = 'ABNORMAL ?'
2          = 'GALLSTONES PRESENT'
3          = 'GALLBLADDER ENLARGED'
4          = 'BOTH'
5          = 'NORMAL' ;
```

```
VALUE F78RPT
```

```
1          = 'YES'
2          = 'NO' ;
```

```
*   FORMAT  MMDDYY8.
      SONO SONO.
      F78RPT F78RPT. ;
```

```
RUN;
QUIT;
```

6.3: Chest, Shoulder, Hip X-Ray Report Form – Form 75

F78VDATE ----- VERSION DATE DELETED

type: numeric (int)
range: [.,.] units: .
unique values: 0 coded missing: 601 / 601
tabulation: Freq. Value
Value missing for all patients.

SONO ----- SONOGRAM RESULTS

type: numeric (float)
label: SONO
range: [1,5] units: 1
unique values: 5 coded missing: 0 / 601
tabulation: Freq. Numeric Label
32 1 ABNORMAL ?
230 2 GALLSTONES PRESENT
8 3 GALLBLADDER ENLARGED
22 4 BOTH
309 5 NORMAL

F78RPT ----- SONOGRAM REPORT RECEIVED

type: numeric (float)
label: F78RPT
range: [1,2] units: 1
unique values: 2 coded missing: 319 / 601
tabulation: Freq. Numeric Label
256 1 YES
26 2 NO

F78FORM ----- FORM ON WHICH DATA WAS SENT IN

type: numeric (float)
range: [12,78] units: 1
unique values: 2 coded missing: 0 / 601
tabulation: Freq. Value
386 12
215 78

_dta:
1. Created 10/28/99.

6.3: Chest, Shoulder, Hip X-Ray Report Form – Form 75

MMMM. List of variables deleted **ORCHDT F79INIT F79NDATE F79LASTU
F79LASTE F79ESTAT F79VDATE F79FCB**

NNNN. List of variables modified **NONE**

OOOO. List of variables modified with a name change **NONE**

PPPP. Old name

QQQQ. New name

RRRR. List of variables modified date to days since DOE

SSSS. Old name **ORCHDT**

TTTT. New name **JORCHDT**

UUUU. Collection Information:

Form 79 (Oral Cholecystogram Report Form) was to be filled out whenever a study oral cholecystogram was completed. This test (or a sonogram) was required for patients entered between 25-30 years of age and patients who turned 25 before August 1983 if a plain film of the abdomen was negative (or equivocal) for gallstones. In 1983, it was decided that oral cholecystograms were acceptable only if they showed gallstones. If an oral cholecystogram was done and showed no stones, a sonogram was required. If an oral cholecystogram was done at the time of a right upper quadrant (RUQ) event, results may be collected on Form 34 (See Section 7.3.1).

VVVV. Data Collection Period: 03/79 – 11/84

WWWW. Form Version Dates: 02/02/84

XXXX. Files Used to Store Information:

SAS System Files: **R79.SD2**

Format Files: **R79.FMT**

YYYY. Unique Record Identifiers: **ANONID, ORCHDT**

Records within the dataset are sorted by **ANONID** and **ORCHDT**

ZZZZ. Number of Observations (Patients) in SAS Dataset: 191 (189)

AAAAA. Contents of SAS Dataset:

- Alphabetical Listing of Variables: See p. 1
- Listing of Variables by Position: See p. 2

BBBBB. Notes About Selected Variables: None

6.3: Chest, Shoulder, Hip X-Ray Report Form – Form 75

CCCCC. Computed Variables: None

6.3: Chest, Shoulder, Hip X-Ray Report Form – Form 75

3	ORCH	Num	8	ORAL CHOL. RESULTS
2	ORCSD	Num	8	ORAL CHOL. SINGLE OR DOUBLE

```
*****
*****
* R79.fmt contains value labels for numerical codes assigned to
categorical *
* variables in the SAS dataset R79.SD2
*
*****
*****;
```

```
* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD 10/28/99 14:40:30;
```

```
PROC FORMAT;
```

```
VALUE ORCSD
```

```
1 = 'SINGLE'
2 = 'DOUBLE';
```

```
VALUE ORCH
```

```
1 = 'ABNORMAL ?'
2 = 'GALLSTONES PRESENT'
3 = 'GALLBLADDER NONFUNC.'
4 = 'BOTH'
5 = 'NORMAL';
```

```
VALUE F79RPT
```

```
1 = 'YES'
2 = 'NO';
```

```
* FORMAT MMDDYY8.
ORCSD ORCSD.
ORCH ORCH.
F79RPT F79RPT.;
```

6.3: Chest, Shoulder, Hip X-Ray Report Form – Form 75

RUN;
QUIT;

6.3: Chest, Shoulder, Hip X-Ray Report Form – Form 75

F79VDATE ----- VERSION DATE DELETED

type: numeric (int)
range: [.,.] units: .
unique values: 0 coded missing: 191 / 191
tabulation: Freq. Value
Value missing for all patients.

ORCSD ----- ORAL CHOL. SINGLE OR DOUBLE

type: numeric (float)
label: ORCSD
range: [1,2] units: 1
unique values: 2 coded missing: 66 / 191
tabulation: Freq. Numeric Label
67 1 SINGLE
58 2 DOUBLE

ORCH ----- ORAL CHOL. RESULTS

type: numeric (float)
label: ORCH
range: [1,5] units: 1
unique values: 5 coded missing: 0 / 191
tabulation: Freq. Numeric Label
14 1 ABNORMAL ?
37 2 GALLSTONES PRESENT
6 3 GALLBLADDER NONFUNC.
12 4 BOTH
122 5 NORMAL

F79RPT ----- ORAL CHOL REPORT RECEIVED

type: numeric (float)
label: F79RPT
range: [1,2] units: 1
unique values: 2 coded missing: 175 / 191
tabulation: Freq. Numeric Label
11 1 YES
5 2 NO

F79FORM ----- FORM ON WHICH DATA WAS SENT IN

