

7.1.0: Painful Episode/Skeletal & Joint Events - Overview

A. CSSCS Forms (collection) and Datasets (storage) Relating to Event

| Form # | Name of Form | Collected | Patient Population | SAS Dataset |
|---|---|-----------------------|---|-----------------|
| 30 | Painful Episode Form | 03/01/79- 05/17/82 | All | R30.SD2 |
| 54 | Painful Episode Form II | 05/17/82- 06/01/86 | All | R61.SD2* |
| | | 06/01/86- 12/31/86 | Patients entered <6 months of age only | |
| 36 | Skeletal & Joint Events | 03/01/79- 06/01/86 | All pain episodes of the bone lasting >7 days. | R36.SD2 |
| | | 06/01/86- 12/31/86 | As above among patients entered <6 months of age. | |
| 53 | Comprehensive Special Event Form for Patients Entered <6 Months of Age. | 01/01/87- 9/30/88 | Patients entered at <6 months of age (both pain and skel&joint events) | R53.SD2 |
| -- | *"Painful Event Summary" | 03/01/79- 9/30/88 | All – in addition to data from Form 54, includes summary information about painful episodes reported on Forms 30 & 53 | R61.SD2 |
| <hr style="border-top: 1px dashed black;"/> | | | | |
| 31 | Painful Episode/Skeletal & Joint Event Flow Sheet & Treatment Follow-up | 03/01/79- 05/17/82 | All long-form (Form 30) pain episode | R31.SD2 |
| | | 10/01/80- 06/01/86 | All skel&joint (Form 36) | |
| | | 06/01/86- 12/31/86 | Skel&joint (Form 36) patients entered <6 months of age only | |
| 37 | Skeletal & Joint Flow Sheet | 03/01/79- 10/1/80 | All skel&joint (Form 36) | R37.SD2 |
| 52 | Acute Event Treatment Follow- up | 03/01/79- 05/17/82 | All long-form pain episode (Form 30) | R52.SD2 |
| | | 03/01/79- 06/01/86 | All skel&joint (Form 36) | |
| | | 06/01/86- 12/31/86 | Skel&joint (Form 36) patients entered <6 months of age only | |

7.1.0: Painful Episode/Skeletal & Joint Events - Overview

B. Definition of the Event

Painful Episode: (See Sections 7.1.1 & 7.1.2)

1. Pain in the extremities, back, abdomen, chest, or head, for which no other explanation can be found and which is not classified as one of the other special events.
2. RESTRICTION – Pain shall have lasted for at least 2 hours.
3. Irritability in young children accompanied by pain on palpation is considered appropriate evidence.
4. RESTRICTION – If patient is old enough, he/she must have stated that pain is of nature usually associated with a crisis.

Skeletal & Joint Event: (See Section 7.1.3)

1. Bone Infarction and/or Osteomyelitis: An acute, painful episode, involving one or more bones, that has lasted at least seven days. Osteomyelitis is identification of an etiologic agent by culture.
2. Joint Swelling with Effusion: Swelling of one or more joints with pain or effusion not due to trauma in the last three days.

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- A. List of variables deleted **F30DATE F30INIT F30NDATE F30LASTU F30LASTE
F30ESTAT F30VDATE F30DFC F30FCB F30MENSE F30WHEN F30PEDTE
F30PEB F30LABDT**
- 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 **F30DATE F30MENSE F30WHEN F30PEDTE F30LABDT**
- H. New name **JF30DATE F30MENSE JF30WHEN J30PEDTE J30LABDT**
- I. Collection Information:
 Form 30 (Painful Episode Form) was completed each time a study patient presented at a study participant clinic, emergency room, or hospital with a painful crisis (per definition – See 7.1.0), which was not associated with bone pain lasting >7 days, osteomyelitis by culture, or joint swelling with effusion (as per Skeletal & Joint definition – See 7.1.0).
 A painful episode of a bone lasting more than 7 days becomes a Skeletal & Joint event (Form 36). Form 30 was not completed for pain events called in from home, although the occurrence of such events would be noted on the patient’s next routine visit form (Forms 16-17, 19-25).
- J. Data Collection Period: 03/79-05/82
- K. Form Version Dates: 03/01/79, 03/29/79, 05/02/79, 06/11/79, 07/02/80
 Not all information from all form versions has been retained to the final database. Variables considered unimportant or unusable from early forms were permanently dropped from the final dataset. Consequently, the codebook coincides closely with the latest version of Form 30.
- L. Files Used to Store Information:
 SAS System File: **R30.SD2**
 Format File: **R30.FMT**
- M. Unique Record Identifiers: **ANONID, F30DATE**
 Records within the SAS dataset are sorted by **ANONID** and **F30DATE**.
- N. Number of Observations (Patients) in SAS Dataset: 6,091 (1,467)
- O. Contents of SAS Dataset:
-

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- Alphabetical Listing of Variables: See pp. 9-11
- Listing of Variables by Position: See pp. 12-13

P. Notes About Selected Variables:

- **F30TRANS, F30TRNS** – These two variables, due to form version differences, collect similar information. However, neither is complete by itself, due to differences in dates of collection. Taken in concert, a positive answer on *either* of these two questions, will indicate that the patient was transfused within the six months preceding the event.
- **F30CBCWB** – is the CBC White Blood Cell Count variable assumed to be “uncorrected” in relation to nucleated red blood cells (nRBCs). There is a question as to whether clinics uniformly adhered to this recording policy, and there is no way of knowing whether the values recorded on the form are in fact uncorrected.
- **F30NRB** – is the Nucleated Red Blood Cell variable. The field length is 2-digits. If there were more than 100 nRBCs/100 WBCs, then a value of 99 was entered.
- **WBC Differential Variables** – When any of the following (**F30DFPMN, F30DFBND, F30DFEOS, F30DFBAS, F30DFLYM, F30DFMON, F30DFMM, F30DFATC**) are recorded, then the sum of the entire set should be 100. Some of these variables are entered as missing, when the value in fact should be “0”. If the sum of differential variables with non-missing values is 100, then the differential variables with missing values are assumed to have values of 0.

Q. Computed Variables:

- **F30FLOWS** – is the number of follow-up hospitalization or “flow” sheets (in this case, Form 31 sheets) associated with a given Form 30. The value was derived by linking “Record 31” with “Record 30” by date (**F31DATE** with **F30DATE**) patient first sought care, and counting the number of forms that linked up.
- **F30DHOSP** – is the number of days that data was collected on hospitalized pain episodes. The number was derived by linking “Record 30” with all “Record 31s” by date care sought (**F30DATE** with **F31DATE**) and counting all the mo/day variables that are not missing for a given hospital stay (i.e., will equate with # of days hospitalized when forms are filled out correctly).
- **F30FRM52** – is the type code associated with a Form 52 (treatment follow-up) for the same date as the pain event (**F52DATE, F30DATE**). The variable that indicates which event a “Record 52” is associated with is **F52TYPE**. Therefore,

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the **F30FRM52** variable is made = **F52TYPE** for the same date care was sought. Treatment information for painful events reported on Form 30 with version date (**F30VDATE**) of 07/02/80 was collected on Form 31 rather than Form 52. For Form 30s with **F30VDATE=07/02/80**, **F30FRM52=31**.

R. Inter-Relationship with Other Datasets:

1. Painful episode data were also collected on

Phase 1 Forms A. SAS Dataset

Form 54 B. R61.SD2

Form 53 **R53.SD2**

Form 36 **R36.SD2**

[See Sections 7.1.2, 7.1.3, 7.9]

Form 54, used between 05/82 and 12/86, contains only the most rudimentary facts pertaining to a given pain episode (date, associated events, hospitalization), and is the only data collected on pain episodes after May 17, 1982. Between 01/87 and 09/88 (the end of Phase 1), additional pain episodes among the newborn cohort were documented on Form 53, The Comprehensive Special Event Form.

In order to include basic information for all painful events during Phase 1 in a single dataset, event records from SAS datasets **R30.SD2** & **R53.SD2** are also included in **R61.SD2**.

In theory, there should be no relationship between pain episode forms and skeletal & joint forms other than that Form 36 records the more severe event than the Form 30. However, in truth, the definitional boundaries were crossed, and some of the following overlaps occur. The most common of these would be duplicates, a Form 30 and a Form 36 made out at the same date sought care (**F30DATE = F36DATE**). A second problem identified during the study was the lack of a Form 36 completion to document the increasing severity of the event. This becomes a problem in identifying the most severe and rare cases of pain/bone problems, i.e. osteomyelitis/septic arthritis. The manner in which these cases are identified is documented fully in Section 7.1.3 Skeletal & Joint Events – Form 36. It is important to be aware that only a Form 30, or a Form 54, may exist where an event actually was more severe, and should have Form 36 data instead.

2. Follow-up and treatment information is stored on

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Phase 1 Forms C. SAS Dataset

Form 31 **R31.SD2**
Form 52 **R52.SD2**

[See Sections 7.1.3, 7.10]

- a. Form 31 is the Painful Episode/Skeletal & Joint Event Flow Sheet & Treatment Follow-up. The form was completed if the patient was either hospitalized or seen on a daily basis as an outpatient for a painful episode. It contains daily and summery information from day 2 of hospitalization for the event, through discharge. Each “Record” 31 contains 6 days of hospital information, so consequently, multiple “Record” 31s could exist for a given pain episode, dependent on length of stay.

 Within the SAS dataset **R31.SD2**, records are sorted by number: **F31SHEET**. Therefore, information for hospital days 2-7 should be on **F31SHEET=1**; days 8-13 on **F31SHEET=2**, etc.

 Form 31 was used to describe hospitalized pain events from 03/01/79 through 05/17/82 when Form 30 was discontinued. Form 31 was not completed in conjunction with the short pain forms (Form 54).

 Because painful episodes can, by definition, become skeletal & joint events (Form 36), the Form 31 Flow Sheet was used from 10/01/80 through 06/01/86 to cover hospital stays in relation to skeletal & joint events for all patients, and through 12/31/96 for the newborn cohort. The date of the event used is important in determining whether a flow sheet is linked to a pain event (**F30DATE**) or to a skeletal & joint event (**F36DATE**).

- b. Form 52 is the Acute Event Treatment Follow-up form that was used to collect summary non-hospitalization information for pain episodes from 03/01/79 through 05/17/82. It does not record daily or laboratory data, since these are hospitalization values. However, the information it does collect on treatment, resolution of symptoms, and diagnosis is corollary to that collected on Form 31 for hospitalized events.

 This form was used from the inception of the project to record follow-up information for all types of acute events. In order to link a specific “Record” 30 with a “Record” 52, the date patient first sought care is used (i.e., **F52DATE=F30DATE**). When **F30FRM52=31** or **F30FRM52=33** then treatment information does not appear on “Record” 52, but rather on “Record”

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31 or 33 respectively, and the **R30.SD2** dataset should be merged by date with SAS dataset **R31.SD2** or **R33.SD2** for treatment, resolution of symptoms, and diagnostic data (e.g., if **F30FRM52=31** then **F31DATE=F30DATE** or if **F30FRM52=33** then **F33DATE=F30DATE**).

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PAINFUL EPISODE FORM

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CONTENTS OF SAS DATASET: R30.SD2
DATA FROM CSSCD FORM 30 - PAINFUL EPISODE FORM
VARIABLES ARE LISTED IN ALPHABETICAL ORDER

The CONTENTS Procedure

| | | | |
|---------------------|-----------------------------------|----------------------|------|
| Data Set Name | OUT1.R30 | Observations | 6091 |
| Member Type | DATA | Variables | 77 |
| Engine | V9 | Indexes | 0 |
| Created | 15:15 Thursday, November 16, 2006 | Observation Length | 632 |
| Last Modified | 15:15 Thursday, November 16, 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 | 16384 |
| Number of Data Set Pages | 245 |
| First Data Page | 1 |
| Max Obs per Page | 25 |
| Obs in First Data Page | 10 |
| Number of Data Set Repairs | 0 |
| File Name | sd2anon\r30.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 # |
| 37 | F30ABDBS | Num | 8 | BOWEL SOUNDS PRESENT |
| 38 | F30ABDRG | Num | 8 | RIGID ABDOMEN |
| 31 | F30ABTS1 | Num | 8 | ABDOMINAL TENDERNESS SITE |
| 32 | F30ABTS2 | Num | 8 | ABDOMINAL TENDERNESS SITE |
| 33 | F30ABTS3 | Num | 8 | ABDOMINAL TENDERNESS SITE |
| 4 | F30ACTIV | Num | 8 | PHYSICAL ACTIVITY |
| 27 | F30APPEA | Num | 8 | GENERAL APPEARANCE |
| 34 | F30ARTS1 | Num | 8 | ABDOMINAL REBOUND TENDERNESS SITE |
| 35 | F30ARTS2 | Num | 8 | ABDOMINAL REBOUND TENDERNESS SITE |
| 36 | F30ARTS3 | Num | 8 | ABDOMINAL REBOUND TENDERNESS SITE |
| 63 | F30BLRBN | Num | 8 | TOTAL BILIRUBIN |
| 47 | F30CBCHB | Num | 8 | CBC HB |
| 48 | F30CBCHC | Num | 8 | CBC HCT |
| 51 | F30CBCMV | Num | 8 | CBC MCV |
| 49 | F30BCRB | Num | 8 | CBC RB |
| 50 | F30BCWB | Num | 8 | CBC WB |
| 29 | F30CHTND | Num | 8 | CHEST TENDERNESS |
| 45 | F30CSTV1 | Num | 8 | SITE WITH COSTOVERTEBRAL TENDERNESS |
| 65 | F30DAYS | Num | 8 | DAYS OF MEDICATION |
| 58 | F30DFATC | Num | 8 | DIFFERENTIAL ATYPICAL CELLS |

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| | | | | |
|----|----------|------|----|--|
| 55 | F30DFBAS | Num | 8 | DIFFERENTIAL BASOPHILS |
| 53 | F30DFBND | Num | 8 | DIFFERENTIAL BANDS |
| 54 | F30DFEOS | Num | 8 | DIFFERENTIAL EOSINOPHILS |
| 56 | F30DFLYM | Num | 8 | DIFFERENTIAL LYMPHOCYTES |
| 59 | F30DFMM | Num | 8 | DIFFERENTIAL METAMYELOCYTES MYELOCYTES |
| 57 | F30DFMON | Num | 8 | DIFFERENTIAL MONOCYTES |
| 52 | F30DFPMN | Num | 8 | DIFFERENTIAL PMN |
| 68 | F30DHOSP | Num | 8 | NUMBER OF DAYS HOSPITALIZED |
| 28 | F30DIST | Num | 8 | DISTRESS SIGNS |
| 69 | F30EV1 | Char | 12 | ASSOCIATED EVENT 1 |
| 70 | F30EV2 | Char | 12 | ASSOCIATED EVENT 2 |
| 71 | F30EV3 | Char | 12 | ASSOCIATED EVENT 3 |
| 72 | F30EV4 | Char | 12 | ASSOCIATED EVENT 4 |
| 66 | F30FLOWS | Num | 8 | NUMBER OF FLOWSHEETS |
| 67 | F30FRM52 | Num | 8 | IS THERE A 52 ON THE DATABASE |
| 6 | F30HIST | Num | 8 | HISTORY BEFORE EPISODE |
| 2 | F30HOSP | Num | 8 | HOSPITALIZED |
| 11 | F30HOUR | Num | 8 | HOUR PAIN BEGAN |
| 12 | F30HOW | Num | 8 | HOW PAIN BEGAN |
| 43 | F30LMST1 | Num | 8 | LIMITED MOTION SITE |
| 44 | F30LMST2 | Num | 8 | SITE WITH LIMITED MOTION |
| 30 | F30LUNG | Num | 8 | LUNGS |
| 20 | F30MED1 | Num | 8 | MEDICATION CODE |
| 21 | F30MED2 | Num | 8 | MEDICATION CODE |
| 22 | F30MED3 | Num | 8 | MEDICATION CODE |
| 13 | F30NMSIT | Num | 8 | NUMBER OF SITES |
| 60 | F30NRB | Num | 8 | NUCLEATED RED BLOOD CELLS |
| 8 | F30OLD24 | Num | 8 | OLD PHYSICAL ACTIVITY |
| 7 | F30OLDAC | Num | 8 | OLD PHYSICAL ACTIVITY |
| 9 | F30OLDDO | Num | 8 | OLD PHYSICAL ACTIVITY |
| 10 | F30OLDWK | Num | 8 | OLD PHYSICAL ACTIVITY |
| 46 | F30OPHYS | Num | 8 | OTHER PHYSICAL FINDINGS |
| 61 | F30PLATE | Num | 8 | PLATELETS |
| 62 | F30RETIC | Num | 8 | RETICULOCYTES |
| 19 | F30SEVPN | Num | 8 | SEVERITY OF PAIN |
| 14 | F30SITE1 | Num | 8 | SITE OF PAIN |
| 15 | F30SITE2 | Num | 8 | SITE OF PAIN |
| 16 | F30SITE3 | Num | 8 | SITE OF PAIN |
| 17 | F30SITE4 | Num | 8 | SITE OF PAIN |
| 64 | F30SRMAM | Num | 8 | SERUM AMYLASE |
| 24 | F30START | Num | 8 | SOMETHING BROUGHT ON EPISODE |
| 5 | F30STRES | Num | 8 | EMOTIONAL STRESS |
| 25 | F30TMP | Num | 8 | TEMPERATURE |
| 26 | F30TMPH | Num | 8 | HOW TEMPERATURE OBTAINED |
| 3 | F30TRANS | Num | 8 | TRANSFUSED IN LAST 6 MONTHS |
| 23 | F30TRNS | Num | 8 | TRANSFUSED PREV FOR EPISODE |
| 18 | F30TYPPN | Num | 8 | TYPICAL PAIN AT SITE |
| 39 | F30XBKS1 | Num | 8 | EXTREMITIES & BACK SITE |
| 40 | F30XBKS2 | Num | 8 | SITE OF INFLAMMATION |
| 41 | F30XBKS3 | Num | 8 | SITE OF INFLAMMATION |
| 42 | F30XBKS4 | Num | 8 | SITE OF INFLAMMATION |
| 77 | J30LABDT | Num | 8 | DATE LAB - RECODE DAYS SINCE DOE |
| 74 | J30MENSE | Num | 8 | LAST MENSTRUAL PERIOD DATE - RECODE DAYS SINCE DOE |
| 76 | J30PEDTE | Num | 8 | DATE PHYSICAL EXAM - RECODE DAYS SINCE DOE |
| 73 | JF30DATE | Num | 8 | DATE FIRST SOUGHT CARE - RECODE DAYS SINCE DOE |
| 75 | JF30WHEN | Num | 8 | WHEN PAIN BEGAN - RECODE DAYS SINCE DOE |

SECTION 7.1.1 PAINFUL EPISODE FORM

FORM 30

CODEBOOK FOR CSSCD FORM 30

PAINFUL EPISODE FORM

CSSCD FULL COHORT PATIENTS

* R30.FMT contains value labels for numerical codes assigned to
categorical*
* variables in the SAS dataset R30.SD2
*
*****;

* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD 11/04/98 10:58:46;

PROC FORMAT;

* FORMAT NO_YES used for the following variables: F30HOSP F30TRANS
F30TRNS
F30CHTND F30ABDBS
F30ABDRG F30OPHYS;

VALUE NO_YES
1 = 'NO'
2 = 'YES';

* FORMAT LEVEL used for the following variables: F30ACTIV F30STRES;

VALUE LEVEL
1 = 'INCREASE'
2 = 'DECREASE'
3 = 'SAME';

VALUE F30HIST
0 = 'NO SYMPTOMS(0)'
1 = 'CHILLS(1)'
2 = 'HOT(2)'
4 = 'COLD(4)'
8 = 'LESS FLUIDS(8)'
16 = 'MORE ALCOHOL(16)'
32 = 'OTHER(32)'
64 = 'NO SYMPTOMS(64)';

VALUE F30OLDAC
0 = 'NO ACTIVITY(0)'
1 = 'USUAL(1)'
2 = 'UNUSUAL(2)'
4 = 'SLEEPING(4)'
8 = 'SITTING(8)'
16 = 'CHILLED(16)'
32 = 'OVERHEATED(32)'
64 = 'PLANE(64)'
128 = 'EXERCISING(128)'
256 = 'OTHER(256)'
512 = 'NO ACTIVITY(512)';

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* FORMAT F30OLDF used for the following variable: F30OLD24;

VALUE F30OLDF
0 = 'NO ACTIVITY(0)'
1 = 'USUAL(1)'
2 = 'UNUSUAL(2)'
4 = 'SITTING(4)'
8 = 'CHILLED(8)'
16 = 'OVERHEATED(16)'
32 = 'PLANE(32)'
64 = 'EXERCISE(64)'
128 = 'OTHER(128)'
256 = 'NO ACTIVITY(256)';

VALUE F30OLDDO
0 = 'NO FLUIDS(0)'
1 = 'MORE FLUIDS(1)'
2 = 'LESS FLUIDS(2)'
4 = 'VOMIT(4)'
8 = 'DIARRHEA(8)'
16 = 'ALCOHOL(16)'
32 = 'SWEAT(32)'
64 = 'NO FLUIDS(64)';

VALUE F30OLDWK
0 = 'NONE(0)'
1 = 'ARGUMENT(1)'
2 = 'FAMILY(2)'
4 = 'SCHOOL(4)'
8 = 'BOSS(8)'
16 = 'QUIT OR FIRED(16)'
32 = 'TIRED(32)'
64 = 'DECISION(64)'
128 = 'LONELINESS(128)'
256 = 'ANXIETY(256)'
512 = 'OTHER(512)'
1024 = 'NONE(1024)';

VALUE F30HOW
1 = 'GRADUALLY'
2 = 'SUDDENLY'
3 = 'DK';

* FORMAT INC_NO used for the following variables: F30SITE1-F30SITE4

F30ABTS1-F30ABTS3

F30ARTS1-F30ARTS3

F30XBKS1-F30XBKS4

F30LMST1-F30LMST2

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F30CSTV1;

VALUE INC_NO
833 = 'INCOMPLETE(833)'
834 = 'NO(834)';

VALUE F30TYPPN
1 = 'NO'
2 = 'DK'
3 = 'YES';

VALUE F30SEVPN
1 = 'MILD'
2 = 'MODERATE'
3 = 'SEVERE';

* FORMAT MEDS used for the following variables: F30MED1-F30MED3;

VALUE MEDS
999 = 'CODE UNAVAILABLE(999)';

VALUE F30START
1 = 'NO'
2 = 'DK'
3 = 'YES UNSPECIFIED'
4 = 'YES,GIVEN';

VALUE F30TMPH
1 = 'ORAL'
2 = 'RECTAL';

VALUE F30APPEA
1 = 'NO DISTRESS'
2 = 'DISTRESS OR WITHDRAWN';

VALUE F30DIST
0 = 'NO DISTRESS SIGNS(0)'
1 = 'GRIMACING(1)'
2 = 'CRYING(2)'
4 = 'ABN POSTURE(4)'
8 = 'HYSTERICAL(8)'
16 = 'WITHDRAWN(16)'
32 = 'NO DISTRESS SIGNS(32)';

VALUE F30LUNG
1 = 'NORMAL'
2 = 'ABNORMAL';

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```
*   FORMAT
      F30HOSP F30TRANS F30TRNS F30CHTND F30LUNG F30ABDBS
F30ABDRG F30OPHYS NO_YES.
      F30ACTIV F30STRES LEVEL.
      F30HIST F30HIST.
      F30OLDAC F30OLDAC.
      F30OLD24 F30OLDF.
      F30OLDDO F30OLDDO.
      F30OLDWK F30OLDWK.
      F30HOW F30HOW.
      F30NMSIT F30SITE1-F30SITE4 F30ABTS1-F30ABTS3 F30ARTS1-
F30ARTS3 F30XBKS1-F30XBKS4
      F30LMST1-F30LMST2 F30CSTV1 INC_NO.
      F30TYPPN F30TYPPN.
      F30SEVPN F30SEVPN.
      F30MED1-F30MED3 MEDS.
      F30START F30START.
      F30TMPH F30TMPH.
      F30APPEA F30APPEA.
      F30DIST F30DIST. ;

RUN;
QUIT;
```

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F30VDATE ----- VERSION DATE **DELETED**

type: numeric (int)
 label: datelab
 range: [6999,7488] units: 1
 unique values: 5 coded missing: 0 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|----------|
| | 224 | 6999 | 03/01/79 |
| | 12 | 7027 | 03/29/79 |
| | 6 | 7061 | 05/02/79 |
| | 1502 | 7101 | 06/11/79 |
| | 4347 | 7488 | 07/02/80 |

F30EV1 ----- ASSOCIATED EVENT 1

type: numeric (float)
 range: [0,91] units: 1
 unique values: 32 coded missing: 4846 / 6091

| tabulation: | Freq. | Value | tabulation: | Freq. | Value |
|-------------|-------|-------|-------------|-------|-------|
| | 1 | 0 | | 1 | 47 |
| | 1 | 23 | | 87 | 48 |
| | 13 | 30 | | 2 | 49 |
| | 533 | 31 | | 13 | 50 |
| | 137 | 32 | | 107 | 52 |
| | 4 | 33 | | 1 | 53 |
| | 25 | 34 | | 3 | 60 |
| | 1 | 35 | | 32 | 62 |
| | 60 | 36 | | 11 | 64 |
| | 1 | 37 | | 1 | 70 |
| | 1 | 38 | | 1 | 81 |
| | 11 | 40 | | 7 | 82 |
| | 1 | 42 | | 17 | 83 |
| | 2 | 44 | | 126 | 84 |
| | 34 | 46 | | 9 | 90 |
| | | | | 2 | 91 |

F30EVNT1:

1. See Appendix L for event form codes.

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F30EV2 ----- ASSOCIATED EVENT 2

type: numeric (float)

range: [0,90] units: 1

unique values: 31 coded missing: 4846 / 6091

| tabulation: | Freq. | Value | tabulation: | Freq. | Value |
|-------------|-------|-------|-------------|-------|-------|
| | 828 | 0 | | 24 | 46 |
| | 1 | 1 | | 3 | 47 |
| | 2 | 18 | | 21 | 48 |
| | 1 | 25 | | 9 | 49 |
| | 1 | 26 | | 1 | 51 |
| | 5 | 30 | | 73 | 52 |
| | 31 | 31 | | 1 | 60 |
| | 44 | 32 | | 12 | 62 |
| | 13 | 33 | | 6 | 64 |
| | 14 | 34 | | 1 | 80 |
| | 4 | 35 | | 2 | 82 |
| | 40 | 36 | | 10 | 83 |
| | 4 | 37 | | 86 | 84 |
| | 2 | 38 | | 1 | 88 |
| | 3 | 40 | | 2 | 90 |

F30EV2:

1. See Appendix L for event form codes.

F30EV3 ----- ASSOCIATED EVENT 3

type: numeric (float)

range: [0,84] units: 1

unique values: 22 coded missing: 4846 / 6091

| tabulation: | Freq. | Value | tabulation: | Freq. | Value |
|-------------|-------|-------|-------------|-------|-------|
| | 1051 | 0 | | 11 | 46 |
| | 1 | 13 | | 5 | 47 |
| | 9 | 31 | | 5 | 48 |
| | 9 | 32 | | 8 | 49 |
| | 25 | 33 | | 41 | 52 |
| | 5 | 34 | | 2 | 60 |
| | 3 | 35 | | 5 | 62 |
| | 11 | 36 | | 1 | 64 |
| | 2 | 37 | | 2 | 82 |
| | 1 | 39 | | 8 | 83 |
| | 1 | 40 | | 39 | 84 |

F30EV3:

1. See Appendix L for event form codes.

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F30EV4 ----- ASSOCIATED EVENT 4

type: numeric (float)
range: [0,84] units: 1
unique values: 15 coded missing: 4845 / 6091

| tabulation: | Freq. | Value |
|-------------|-------|-------|
| | 1171 | 0 |
| | 1 | 4 |
| | 3 | 32 |
| | 4 | 33 |
| | 2 | 34 |
| | 3 | 36 |
| | 1 | 40 |
| | 1 | 44 |
| | 4 | 46 |
| | 1 | 47 |
| | 3 | 48 |
| | 1 | 49 |
| | 14 | 52 |
| | 1 | 60 |
| | 3 | 62 |
| | 1 | 64 |
| | 2 | 82 |
| | 2 | 83 |
| | 21 | 84 |

F30EV4:

1. See Appendix L for event form codes.

F30HOSP ----- HOSPITALIZED

type: numeric (float)
label: F30HOSP
range: [1,2] units: 1
unique values: 2 coded missing: 20 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 2945 | 1 | NO |
| | 3126 | 2 | YES |

F30TRANS ----- TRANSFUSED IN LAST 6 MONTHS

type: numeric (float)
label: F30TRANS
range: [1,2] units: 1
unique values: 2 coded missing: 5648 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 8 | 1 | NO |
| | 435 | 2 | YES |

F30TRANS:

1. Not applicable for version 7/2/80.
2. See variable F30TRNS.

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F30ACTIV ----- PHYSICAL ACTIVITY

type: numeric (float)
label: F30ACTIV

range: [1,3] units: 1
unique values: 3 coded missing: 1799 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|----------|
| | 443 | 1 | INCREASE |
| | 599 | 2 | DECREASE |
| | 3250 | 3 | SAME |

F30ACTIV:

1. Not collected before 7/2/80. Pain events on versions before 7/2/80 will contain missing values.

F30STRES ----- EMOTIONAL STRESS

type: numeric (float)
label: F30STRES

range: [1,3] units: 1
unique values: 3 coded missing: 1834 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|----------|
| | 626 | 1 | INCREASE |
| | 64 | 2 | DECREASE |
| | 3567 | 3 | SAME |

F30STRES:

1. Not collected before 7/2/80. Pain events on versions before 7/2/80 will contain missing values.

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 CSSCD FULL COHORT PATIENTS

F30HIST ----- HISTORY BEFORE EPISODE

type: numeric (float)
 label: F30HIST

range: [1,63] units: 1
 unique values: 46 coded missing: 4114 / 6091

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|------------------|-------|---------|-----------------|
| 0 | 0 | NO SYMPTOMS(0) | 1 | 28 | |
| 739 | 1 | CHILLS(1) | 3 | 30 | |
| 54 | 2 | HOT(2) | 232 | 32 | OTHER(32) |
| 24 | 3 | | 85 | 33 | |
| 284 | 4 | COLD(4) | 10 | 34 | |
| 107 | 5 | | 3 | 35 | |
| 9 | 6 | | 26 | 36 | |
| 3 | 7 | | 15 | 37 | |
| 105 | 8 | LESS FLUIDS(8) | 1 | 38 | |
| 64 | 9 | | 3 | 39 | |
| 11 | 10 | | 41 | 40 | |
| 6 | 11 | | 24 | 41 | |
| 12 | 12 | | 1 | 42 | |
| 18 | 13 | | 2 | 43 | |
| 1 | 14 | | 3 | 44 | |
| 3 | 15 | | 2 | 45 | |
| 43 | 16 | MORE ALCOHOL(16) | 2 | 47 | |
| 11 | 17 | | 4 | 48 | |
| 3 | 18 | | 2 | 49 | |
| 1 | 19 | | 1 | 50 | |
| 7 | 20 | | 1 | 52 | |
| 1 | 21 | | 1 | 60 | |
| 1 | 22 | | 1 | 63 | |
| 6 | 24 | | 0 | 64 | NO SYMPTOMS(64) |

F30HIST:

1. Not collected before 7/2/80. Pain events on versions before 7/2/80 will contain missing values.
2. Binary coded variable. See Part II for explanation of binary coded variables.

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 CSSCD FULL COHORT PATIENTS

F300LDAC ----- OLD PHYSICAL ACTIVITY

type: numeric (float)
 label: F300LDAC

range: [1,408] units: 1
 unique values: 45 coded missing: 4375 / 6091

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|----------------|-------|---------|------------------|
| 0 | 0 | NO ACTIVITY(0) | 1 | 42 | |
| 909 | 1 | USUAL(1) | 2 | 64 | PLANE(64) |
| 17 | 2 | UNUSUAL(2) | 1 | 65 | |
| 2 | 3 | | 47 | 128 | EXERCISING(128) |
| 419 | 4 | SLEEPING(4) | 16 | 129 | |
| 34 | 5 | | 1 | 132 | |
| 2 | 6 | | 1 | 133 | |
| 1 | 7 | | 5 | 144 | |
| 17 | 8 | SITTING(8) | 1 | 152 | |
| 14 | 9 | | 4 | 160 | |
| 1 | 10 | | 2 | 161 | |
| 1 | 13 | | 59 | 256 | OTHER(256) |
| 41 | 16 | CHILLED(16) | 25 | 257 | |
| 38 | 17 | | 1 | 258 | |
| 1 | 18 | | 3 | 260 | |
| 10 | 20 | | 1 | 261 | |
| 5 | 21 | | 4 | 264 | |
| 1 | 24 | | 1 | 272 | |
| 4 | 25 | | 5 | 384 | |
| 2 | 28 | | 2 | 385 | |
| 4 | 32 | OVERHEATED(32) | 2 | 400 | |
| 6 | 33 | | 1 | 408 | |
| 1 | 36 | | 0 | 512 | NO ACTIVITY(512) |
| 1 | 40 | | | | |

F300LDAC:

1. Not collected after 7/2/80. Pain events on versions after this date will contain missing values.
2. Binary coded variable. See Part II for explanation of binary coded variables.

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 CSSCD FULL COHORT PATIENTS

F300LD24 ----- OLD PHYSICAL ACTIVITY

type: numeric (float)
 label: F300LD24

range: [0,208] units: 1
 unique values: 44 coded missing: 4389 / 6091

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|----------------|-------|---------|------------------|
| 2 | 0 | NO ACTIVITY(0) | 2 | 66 | |
| 1277 | 1 | USUAL(1) | 1 | 67 | |
| 28 | 2 | UNUSUAL(2) | 4 | 68 | |
| 2 | 3 | | 2 | 69 | |
| 19 | 4 | SITTING(4) | 6 | 72 | |
| 11 | 5 | | 1 | 76 | |
| 1 | 6 | | 3 | 80 | |
| 50 | 8 | CHILLED(8) | 1 | 81 | |
| 34 | 9 | | 1 | 84 | |
| 9 | 10 | | 1 | 85 | |
| 1 | 11 | | 1 | 88 | |
| 4 | 12 | | 65 | 128 | OTHER(128) |
| 7 | 13 | | 18 | 129 | |
| 1 | 15 | | 3 | 130 | |
| 17 | 16 | OVERHEATED(16) | 1 | 132 | |
| 5 | 17 | | 3 | 136 | |
| 1 | 20 | | 1 | 142 | |
| 1 | 25 | | 2 | 144 | |
| 3 | 32 | PLANE(32) | 1 | 145 | |
| 1 | 40 | | 11 | 192 | |
| 1 | 48 | | 1 | 208 | |
| 74 | 64 | EXERCISE(64) | 0 | 256 | NO ACTIVITY(256) |
| 24 | 65 | | | | |

F300LD24:

1. Not collected after 7/2/80. Pain events on versions after this date will contain missing values.
2. Binary coded variable. See Part II for explanation of binary coded variables.

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 CSSCD FULL COHORT PATIENTS

F300LDDO ----- OLD PHYSICAL ACTIVITY

type: numeric (float)
 label: F300LDDO

range: [1,61] units: 1
 unique values: 40 coded missing: 5327 / 6091

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|----------------|-------|---------|---------------|
| 0 | 0 | NO FLUIDS(0) | 1 | 29 | |
| 253 | 1 | MORE FLUIDS(1) | 88 | 32 | SWEAT(32) |
| 99 | 2 | LESS FLUIDS(2) | 50 | 33 | |
| 1 | 3 | | 31 | 34 | |
| 45 | 4 | VOMIT(4) | 1 | 35 | |
| 22 | 5 | | 7 | 36 | |
| 9 | 6 | | 9 | 37 | |
| 1 | 7 | | 3 | 38 | |
| 34 | 8 | DIARRHEA(8) | 4 | 40 | |
| 17 | 9 | | 8 | 41 | |
| 1 | 10 | | 2 | 42 | |
| 11 | 12 | | 2 | 44 | |
| 6 | 13 | | 5 | 45 | |
| 1 | 14 | | 1 | 46 | |
| 21 | 16 | ALCOHOL(16) | 1 | 48 | |
| 4 | 17 | | 3 | 49 | |
| 7 | 18 | | 5 | 50 | |
| 1 | 21 | | 3 | 53 | |
| 1 | 22 | | 2 | 57 | |
| 2 | 24 | | 1 | 61 | |
| 1 | 25 | | 0 | 64 | NO FLUIDS(64) |

F300LDDO:

1. Not collected after 7/2/80. Pain events on versions after this date will contain missing values.
2. Binary coded variable. See Part II for explanation of binary coded variables.

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 CSSCD FULL COHORT PATIENTS

F300LDWK ----- OLD PHYSICAL ACTIVITY

type: numeric (float)
 label: F300LDWK

range: [1,997] units: 1
 unique values: 132 coded missing: 5244 / 6091

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|-------------------|-------|---------|--------------|
| 0 | 0 | NONE(0) | 1 | 165 | |
| 36 | 1 | ARGUMENT(1) | 2 | 166 | |
| 29 | 2 | FAMILY(2) | 1 | 168 | |
| 1 | 3 | | 1 | 192 | |
| 20 | 4 | SCHOOL(4) | 1 | 210 | |
| 4 | 5 | | 1 | 224 | |
| 1 | 6 | | 2 | 225 | |
| 3 | 8 | BOSS(8) | 42 | 256 | ANXIETY(256) |
| 1 | 9 | | 11 | 257 | |
| 5 | 16 | QUIT OR FIRED(16) | 5 | 258 | |
| 1 | 17 | | 4 | 260 | |
| 8 | 24 | | 3 | 264 | |
| 9 | 28 | | 1 | 273 | |
| 228 | 32 | TIRED(32) | 1 | 280 | |
| 20 | 33 | | 1 | 281 | |
| 12 | 34 | | 54 | 288 | |
| 2 | 35 | | 6 | 289 | |
| 8 | 36 | | 7 | 290 | |
| 2 | 37 | | 4 | 292 | |
| 3 | 40 | | 1 | 294 | |
| 3 | 41 | | 1 | 304 | |
| 4 | 48 | | 9 | 320 | |
| 1 | 56 | | 1 | 321 | |
| 19 | 64 | DECISION(64) | 4 | 352 | |
| 4 | 65 | | 2 | 353 | |
| 1 | 66 | | 1 | 354 | |
| 1 | 68 | | 1 | 368 | |
| 1 | 76 | | 20 | 384 | |
| 1 | 80 | | 1 | 385 | |
| 4 | 88 | | 3 | 386 | |
| 1 | 89 | | 1 | 388 | |
| 11 | 96 | | 1 | 389 | |
| 2 | 97 | | 1 | 390 | |
| 2 | 98 | | 1 | 392 | |
| 1 | 112 | | 25 | 416 | |
| 8 | 128 | LONELINESS(128) | 6 | 417 | |
| 1 | 129 | | 2 | 418 | |
| 2 | 130 | | 2 | 419 | |
| 1 | 131 | | 1 | 420 | |
| 1 | 132 | | 2 | 448 | |
| 1 | 135 | | 2 | 449 | |
| 1 | 136 | | 4 | 480 | |
| 1 | 144 | | 2 | 481 | |
| 11 | 160 | | 2 | 482 | |
| 3 | 161 | | 2 | 483 | |
| 1 | 164 | | 2 | 484 | |

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F30OLDWK (continued)

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|------------|-------|---------|------------|
| 2 | 486 | | 1 | 769 | |
| 1 | 488 | | 1 | 772 | |
| 1 | 496 | | 2 | 800 | |
| 1 | 498 | | 1 | 801 | |
| 1 | 508 | | 1 | 803 | |
| 38 | 512 | OTHER(512) | 2 | 804 | |
| 2 | 513 | | 1 | 808 | |
| 1 | 514 | | 1 | 816 | |
| 1 | 515 | | 1 | 832 | |
| 2 | 516 | | 2 | 864 | |
| 1 | 528 | | 1 | 872 | |
| 18 | 544 | | 3 | 896 | |
| 1 | 545 | | 1 | 897 | |
| 1 | 548 | | 1 | 903 | |
| 2 | 576 | | 4 | 928 | |
| 1 | 580 | | 1 | 930 | |
| 2 | 608 | | 2 | 960 | |
| 1 | 640 | | 3 | 992 | |
| 1 | 644 | | 1 | 993 | |
| 1 | 704 | | 1 | 997 | |
| 9 | 768 | | 0 | 1024 | NONE(1024) |

F30OLDWK:

1. Not collected after 7/2/80. Pain events on versions after this date will contain missing values.
2. Binary coded variable. See Part II for explanation of binary coded variables.

F30HOW ----- HOW PAIN BEGAN

type: numeric (float)
 label: F30HOW

range: [1,3] units: 1
 unique values: 3 coded missing: 70 / 6091

tabulation:

| Freq. | Numeric | Label |
|-------|---------|-----------|
| 3017 | 1 | GRADUALLY |
| 2634 | 2 | SUDDENLY |
| 370 | 3 | DK |

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F30NMSIT ----- NUMBER OF SITES

type: numeric (float)
label: F30NMSIT

range: [0,9] units: 1
unique values: 10 coded missing: 79 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 1 | 0 | |
| | 1314 | 1 | |
| | 1482 | 2 | |
| | 1386 | 3 | |
| | 1527 | 4 | |
| | 163 | 5 | |
| | 70 | 6 | |
| | 34 | 7 | |
| | 16 | 8 | |
| | 19 | 9 | |

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F30SITE1 ----- SITE OF PAIN

type: numeric (float)
 label: F30SITE1

range: [1,833] units: 1
 unique values: 192 coded missing: 76 / 6091

tabulation:

| Freq. | Numeric | Freq. | Numeric |
|-------|---------|-------|---------|
| 159 | 1 | 16 | 198 |
| 1 | 4 | 27 | 199 |
| 1 | 5 | 9 | 205 |
| 5 | 37 | 9 | 206 |
| 3 | 38 | 23 | 207 |
| 1 | 47 | 4 | 208 |
| 1 | 59 | 20 | 209 |
| 5 | 68 | 1 | 224 |
| 3 | 69 | 9 | 226 |
| 4 | 70 | 2 | 227 |
| 5 | 79 | 25 | 228 |
| 1 | 96 | 69 | 229 |
| 190 | 99 | 6 | 230 |
| 14 | 100 | 4 | 231 |
| 7 | 101 | 6 | 232 |
| 4 | 102 | 1 | 237 |
| 77 | 103 | 3 | 238 |
| 1 | 109 | 22 | 239 |
| 3 | 110 | 4 | 240 |
| 4 | 111 | 1 | 249 |
| 4 | 113 | 19 | 257 |
| 1 | 124 | 40 | 258 |
| 6 | 131 | 1 | 259 |
| 6 | 132 | 115 | 260 |
| 105 | 133 | 42 | 261 |
| 2 | 134 | 44 | 262 |
| 3 | 135 | 12 | 264 |
| 2 | 143 | 11 | 265 |
| 1 | 156 | 6 | 267 |
| 1 | 161 | 1 | 268 |
| 4 | 163 | 5 | 270 |
| 14 | 164 | 1 | 271 |
| 35 | 165 | 6 | 272 |
| 11 | 166 | 1 | 274 |
| 6 | 167 | 2 | 275 |
| 3 | 174 | 2 | 279 |
| 6 | 175 | 2 | 280 |
| 2 | 176 | 1 | 281 |
| 1 | 180 | 2 | 289 |
| 2 | 192 | 4 | 292 |
| 1 | 193 | 5 | 293 |
| 1 | 194 | 2 | 294 |
| 54 | 195 | 1 | 302 |
| 30 | 196 | 1 | 311 |
| 88 | 197 | 6 | 324 |

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F3OSITE1 (continued)

tabulation:

| Freq. | Numeric | Freq. | Numeric |
|-------|---------|-------|---------|
| 4 | 326 | 1 | 608 |
| 1 | 353 | 1 | 611 |
| 4 | 356 | 1 | 613 |
| 2 | 357 | 1 | 616 |
| 2 | 358 | 1 | 629 |
| 1 | 366 | 385 | 631 |
| 1 | 368 | 165 | 632 |
| 1 | 384 | 1 | 634 |
| 1 | 385 | 1 | 636 |
| 345 | 388 | 1 | 637 |
| 3 | 389 | 1 | 639 |
| 85 | 390 | 1 | 640 |
| 1 | 398 | 1 | 645 |
| 5 | 400 | 1 | 647 |
| 1 | 412 | 414 | 665 |
| 1 | 416 | 37 | 666 |
| 9 | 420 | 13 | 667 |
| 3 | 422 | 29 | 668 |
| 1 | 423 | 11 | 669 |
| 5 | 430 | 2 | 670 |
| 1 | 431 | 1 | 674 |
| 1 | 432 | 1 | 676 |
| 3 | 451 | 2 | 678 |
| 3 | 452 | 1 | 693 |
| 4 | 454 | 31 | 697 |
| 2 | 455 | 200 | 698 |
| 1 | 473 | 77 | 699 |
| 58 | 484 | 6 | 700 |
| 1 | 485 | 3 | 701 |
| 18 | 486 | 2 | 702 |
| 3 | 494 | 1 | 719 |
| 2 | 496 | 2 | 727 |
| 1 | 513 | 6 | 729 |
| 2 | 515 | 1 | 730 |
| 21 | 516 | 2 | 731 |
| 12 | 518 | 456 | 732 |
| 1 | 519 | 138 | 733 |
| 9 | 526 | 1 | 762 |
| 1 | 528 | 1 | 767 |
| 1 | 532 | 1 | 794 |
| 1 | 537 | 1 | 795 |
| 123 | 564 | 65 | 798 |
| 2 | 565 | 1 | 801 |
| 1 | 566 | 1 | 803 |
| 1 | 572 | 2 | 804 |
| 400 | 597 | 1 | 821 |
| 61 | 598 | 3 | 822 |
| 1 | 599 | 1 | 823 |
| 2 | 607 | 1 | 825 |

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F3OSITE1 (continued)

```

tabulation:  Freq.  Numeric  Label
              3      830
              246     831
              903     832
              102     833  INCOMPLETE(833)
  
```

F3OSITE1:

1. See Appendix F for body site locator chart.

F3OSITE2 ----- SITE OF PAIN

```

type:  numeric (float)
label:  F3OSITE2
  
```

```

range:  [1,833]          units:  1
unique values:  188      coded missing:  104 / 6091
  
```

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|-------|-------|---------|-------|
| 5 | 1 | | 5 | 164 | |
| 1 | 4 | | 18 | 165 | |
| 1 | 5 | | 12 | 166 | |
| 4 | 37 | | 3 | 167 | |
| 1 | 38 | | 1 | 174 | |
| 1 | 47 | | 5 | 175 | |
| 2 | 68 | | 4 | 176 | |
| 6 | 69 | | 1 | 177 | |
| 1 | 70 | | 2 | 192 | |
| 1 | 71 | | 1 | 194 | |
| 1 | 78 | | 33 | 195 | |
| 1 | 79 | | 20 | 196 | |
| 2 | 98 | | 37 | 197 | |
| 64 | 99 | | 15 | 198 | |
| 7 | 100 | | 43 | 199 | |
| 5 | 101 | | 12 | 205 | |
| 9 | 102 | | 4 | 206 | |
| 120 | 103 | | 22 | 207 | |
| 8 | 109 | | 9 | 208 | |
| 2 | 111 | | 12 | 209 | |
| 2 | 112 | | 2 | 226 | |
| 5 | 113 | | 19 | 228 | |
| 3 | 131 | | 22 | 229 | |
| 1 | 132 | | 12 | 230 | |
| 34 | 133 | | 2 | 231 | |
| 1 | 134 | | 7 | 232 | |
| 8 | 135 | | 1 | 237 | |
| 2 | 142 | | 3 | 238 | |
| 3 | 143 | | 7 | 239 | |
| 2 | 144 | | 1 | 241 | |
| 1 | 156 | | 1 | 242 | |
| 1 | 162 | | 10 | 257 | |
| 2 | 163 | | 17 | 258 | |

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F30SITE2 (continued)

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|-------|-------|---------|-------|
| 4 | 259 | | 1 | 462 | |
| 86 | 260 | | 1 | 463 | |
| 26 | 261 | | 1 | 473 | |
| 67 | 262 | | 23 | 484 | |
| 1 | 263 | | 59 | 486 | |
| 20 | 264 | | 1 | 494 | |
| 17 | 265 | | 1 | 495 | |
| 1 | 267 | | 6 | 496 | |
| 1 | 268 | | 12 | 516 | |
| 5 | 270 | | 22 | 518 | |
| 2 | 271 | | 1 | 521 | |
| 10 | 272 | | 2 | 527 | |
| 4 | 274 | | 6 | 528 | |
| 5 | 275 | | 1 | 536 | |
| 5 | 279 | | 25 | 564 | |
| 2 | 280 | | 1 | 566 | |
| 1 | 288 | | 1 | 573 | |
| 1 | 292 | | 1 | 576 | |
| 5 | 293 | | 155 | 597 | |
| 3 | 294 | | 283 | 598 | |
| 1 | 297 | | 1 | 601 | |
| 1 | 302 | | 1 | 608 | |
| 5 | 324 | | 1 | 611 | |
| 4 | 326 | | 4 | 612 | |
| 1 | 334 | | 1 | 613 | |
| 8 | 356 | | 1 | 616 | |
| 5 | 358 | | 1 | 630 | |
| 1 | 361 | | 190 | 631 | |
| 3 | 366 | | 280 | 632 | |
| 1 | 368 | | 3 | 633 | |
| 1 | 375 | | 1 | 635 | |
| 2 | 384 | | 1 | 642 | |
| 223 | 388 | | 1 | 647 | |
| 3 | 389 | | 1 | 649 | |
| 265 | 390 | | 3 | 663 | |
| 6 | 398 | | 155 | 665 | |
| 6 | 400 | | 15 | 666 | |
| 1 | 407 | | 11 | 667 | |
| 1 | 408 | | 16 | 668 | |
| 1 | 410 | | 20 | 669 | |
| 1 | 413 | | 1 | 674 | |
| 6 | 420 | | 1 | 679 | |
| 5 | 422 | | 1 | 692 | |
| 3 | 430 | | 7 | 697 | |
| 2 | 432 | | 184 | 698 | |
| 1 | 449 | | 181 | 699 | |
| 2 | 451 | | 6 | 700 | |
| 3 | 452 | | 4 | 701 | |
| 3 | 454 | | 1 | 702 | |
| 1 | 455 | | 2 | 706 | |

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F30SITE2 (continued)

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-----------------|
| | 1 | 712 | |
| | 4 | 728 | |
| | 8 | 729 | |
| | 4 | 730 | |
| | 8 | 731 | |
| | 396 | 732 | |
| | 422 | 733 | |
| | 1 | 760 | |
| | 1 | 766 | |
| | 1 | 768 | |
| | 1 | 771 | |
| | 1 | 793 | |
| | 1 | 796 | |
| | 33 | 798 | |
| | 2 | 799 | |
| | 1 | 803 | |
| | 2 | 805 | |
| | 1 | 821 | |
| | 1 | 830 | |
| | 148 | 831 | |
| | 345 | 832 | |
| | 1405 | 833 | INCOMPLETE(833) |

F30SITE2:

1. See Appendix F for body site locator chart.

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 CSSCD FULL COHORT PATIENTS

F30SITE3 ----- SITE OF PAIN

type: numeric (float)
 label: F30SITE3

range: [37,833] units: 1
 unique values: 173 coded missing: 121 / 6091

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|-------|-------|---------|-------|
| 3 | 37 | | 1 | 217 | |
| 1 | 38 | | 3 | 226 | |
| 1 | 53 | | 3 | 227 | |
| 1 | 67 | | 5 | 228 | |
| 3 | 68 | | 7 | 229 | |
| 2 | 69 | | 11 | 230 | |
| 2 | 70 | | 5 | 232 | |
| 1 | 79 | | 1 | 234 | |
| 1 | 80 | | 1 | 236 | |
| 61 | 99 | | 1 | 237 | |
| 8 | 100 | | 2 | 238 | |
| 2 | 101 | | 10 | 239 | |
| 9 | 102 | | 1 | 240 | |
| 34 | 103 | | 7 | 257 | |
| 1 | 105 | | 27 | 258 | |
| 6 | 109 | | 1 | 259 | |
| 1 | 110 | | 52 | 260 | |
| 2 | 111 | | 16 | 261 | |
| 1 | 112 | | 43 | 262 | |
| 5 | 113 | | 9 | 264 | |
| 1 | 123 | | 12 | 265 | |
| 1 | 124 | | 2 | 267 | |
| 3 | 131 | | 1 | 268 | |
| 2 | 132 | | 3 | 270 | |
| 31 | 133 | | 3 | 271 | |
| 1 | 134 | | 1 | 272 | |
| 1 | 135 | | 2 | 274 | |
| 1 | 144 | | 4 | 279 | |
| 2 | 163 | | 4 | 280 | |
| 8 | 164 | | 1 | 289 | |
| 14 | 165 | | 1 | 293 | |
| 7 | 166 | | 2 | 294 | |
| 5 | 167 | | 1 | 304 | |
| 1 | 169 | | 2 | 310 | |
| 2 | 175 | | 1 | 313 | |
| 2 | 176 | | 2 | 324 | |
| 37 | 195 | | 4 | 326 | |
| 10 | 196 | | 1 | 334 | |
| 16 | 197 | | 1 | 345 | |
| 7 | 198 | | 5 | 356 | |
| 15 | 199 | | 6 | 358 | |
| 6 | 205 | | 1 | 366 | |
| 2 | 206 | | 2 | 368 | |
| 13 | 207 | | 177 | 388 | |
| 5 | 208 | | 1 | 389 | |
| 9 | 209 | | 140 | 390 | |

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F30SITE3 (continued)

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|-------|-------|---------|------------------|
| 1 | 398 | | 1 | 637 | |
| 3 | 400 | | 1 | 644 | |
| 1 | 410 | | 1 | 646 | |
| 1 | 412 | | 1 | 660 | |
| 4 | 420 | | 1 | 661 | |
| 6 | 422 | | 114 | 665 | |
| 1 | 430 | | 6 | 666 | |
| 2 | 432 | | 3 | 667 | |
| 1 | 445 | | 8 | 668 | |
| 3 | 451 | | 9 | 669 | |
| 1 | 452 | | 1 | 672 | |
| 3 | 454 | | 1 | 678 | |
| 50 | 484 | | 5 | 697 | |
| 17 | 486 | | 176 | 698 | |
| 1 | 487 | | 114 | 699 | |
| 1 | 489 | | 6 | 700 | |
| 5 | 494 | | 4 | 701 | |
| 1 | 495 | | 2 | 708 | |
| 1 | 496 | | 1 | 710 | |
| 1 | 515 | | 3 | 713 | |
| 4 | 516 | | 1 | 724 | |
| 1 | 517 | | 1 | 727 | |
| 12 | 518 | | 3 | 729 | |
| 1 | 519 | | 3 | 730 | |
| 1 | 526 | | 2 | 731 | |
| 5 | 528 | | 359 | 732 | |
| 1 | 529 | | 308 | 733 | |
| 1 | 549 | | 1 | 759 | |
| 29 | 564 | | 1 | 763 | |
| 1 | 570 | | 1 | 766 | |
| 76 | 597 | | 1 | 770 | |
| 104 | 598 | | 1 | 771 | |
| 1 | 600 | | 19 | 798 | |
| 1 | 603 | | 1 | 803 | |
| 3 | 612 | | 1 | 822 | |
| 2 | 614 | | 1 | 827 | |
| 150 | 631 | | 2 | 830 | |
| 128 | 632 | | 122 | 831 | |
| 3 | 633 | | 300 | 832 | |
| 1 | 634 | | 2821 | 833 | INCOMPLETE (833) |
| 1 | 635 | | | | |

F30SITE3:

1. See Appendix F for body site locator chart.

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F30SITE4 ----- SITE OF PAIN

type: numeric (float)
 label: F30SITE4

range: [69,833] units: 1
 unique values: 129 coded missing: 138 / 6091

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|-------|-------|---------|-------|
| 5 | 69 | | 32 | 262 | |
| 1 | 70 | | 12 | 264 | |
| 1 | 71 | | 6 | 265 | |
| 1 | 79 | | 4 | 267 | |
| 35 | 99 | | 2 | 268 | |
| 5 | 100 | | 2 | 270 | |
| 2 | 101 | | 2 | 271 | |
| 3 | 102 | | 2 | 272 | |
| 46 | 103 | | 1 | 274 | |
| 2 | 109 | | 1 | 275 | |
| 1 | 110 | | 3 | 280 | |
| 1 | 111 | | 1 | 291 | |
| 1 | 112 | | 1 | 292 | |
| 6 | 113 | | 2 | 293 | |
| 15 | 133 | | 1 | 297 | |
| 2 | 134 | | 1 | 324 | |
| 1 | 135 | | 2 | 326 | |
| 1 | 142 | | 1 | 334 | |
| 1 | 143 | | 1 | 356 | |
| 1 | 160 | | 3 | 358 | |
| 1 | 163 | | 1 | 375 | |
| 1 | 164 | | 1 | 383 | |
| 6 | 165 | | 1 | 385 | |
| 2 | 166 | | 68 | 388 | |
| 2 | 167 | | 1 | 389 | |
| 21 | 195 | | 122 | 390 | |
| 7 | 196 | | 2 | 398 | |
| 8 | 197 | | 2 | 400 | |
| 4 | 198 | | 1 | 413 | |
| 30 | 199 | | 3 | 422 | |
| 4 | 205 | | 3 | 430 | |
| 2 | 206 | | 3 | 432 | |
| 9 | 207 | | 2 | 454 | |
| 3 | 209 | | 1 | 463 | |
| 1 | 226 | | 33 | 484 | |
| 6 | 229 | | 1 | 485 | |
| 9 | 230 | | 38 | 486 | |
| 4 | 232 | | 1 | 494 | |
| 2 | 239 | | 1 | 495 | |
| 1 | 240 | | 3 | 496 | |
| 2 | 242 | | 1 | 515 | |
| 5 | 257 | | 2 | 516 | |
| 8 | 258 | | 9 | 518 | |
| 1 | 259 | | 1 | 523 | |
| 18 | 260 | | 3 | 526 | |
| 5 | 261 | | 1 | 528 | |

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F30SITE4 (continued)

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|-------|-------|---------|------------------|
| 19 | 564 | | 1 | 696 | |
| 1 | 571 | | 4 | 697 | |
| 1 | 574 | | 54 | 698 | |
| 45 | 597 | | 119 | 699 | |
| 50 | 598 | | 6 | 700 | |
| 1 | 609 | | 4 | 701 | |
| 1 | 614 | | 2 | 728 | |
| 83 | 631 | | 2 | 729 | |
| 101 | 632 | | 3 | 731 | |
| 1 | 640 | | 140 | 732 | |
| 2 | 641 | | 259 | 733 | |
| 1 | 646 | | 1 | 764 | |
| 1 | 648 | | 1 | 793 | |
| 56 | 665 | | 13 | 798 | |
| 5 | 666 | | 1 | 823 | |
| 3 | 667 | | 35 | 831 | |
| 3 | 668 | | 106 | 832 | |
| 6 | 669 | | 4143 | 833 | INCOMPLETE (833) |
| 1 | 675 | | | | |

F30SITE4:

1. See Appendix F for body site locator chart.

F30TYPPN ----- TYPICAL PAIN AT SITE

type: numeric (float)
 label: F30TYPPN

range: [1,3] units: 1
 unique values: 3 coded missing: 90 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 319 | 1 | NO |
| | 485 | 2 | DK |
| | 5197 | 3 | YES |

F30SEVPN ----- SEVERITY OF PAIN

type: numeric (float)
 label: F30SEVPN

range: [1,3] units: 1
 unique values: 3 coded missing: 141 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|----------|
| | 259 | 1 | MILD |
| | 2236 | 2 | MODERATE |
| | 3455 | 3 | SEVERE |

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F30MED1 ----- MEDICATION CODE

type: numeric (float)
 label: F30MED1

range: [0,999] units: 1
 unique values: 121 coded missing: 2148 / 6091

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|-------|-------|---------|-------|
| 1 | 0 | | 47 | 192 | |
| 47 | 3 | | 1 | 196 | |
| 3 | 4 | | 1 | 200 | |
| 68 | 6 | | 3 | 209 | |
| 170 | 7 | | 5 | 220 | |
| 4 | 10 | | 1 | 221 | |
| 2 | 11 | | 30 | 222 | |
| 1 | 17 | | 1 | 223 | |
| 1 | 18 | | 3 | 228 | |
| 1 | 19 | | 2 | 231 | |
| 1 | 21 | | 16 | 235 | |
| 1 | 25 | | 1 | 237 | |
| 10 | 28 | | 2 | 239 | |
| 25 | 29 | | 2 | 240 | |
| 3 | 39 | | 1 | 242 | |
| 86 | 44 | | 4 | 243 | |
| 2 | 45 | | 2 | 244 | |
| 2 | 48 | | 2 | 246 | |
| 2 | 56 | | 1 | 248 | |
| 1 | 57 | | 50 | 249 | |
| 1 | 66 | | 1 | 254 | |
| 1 | 71 | | 1 | 275 | |
| 1 | 76 | | 1 | 279 | |
| 1 | 77 | | 1 | 280 | |
| 7 | 79 | | 1 | 285 | |
| 1 | 101 | | 3 | 286 | |
| 1 | 102 | | 1 | 289 | |
| 1 | 111 | | 1 | 299 | |
| 1 | 121 | | 1 | 318 | |
| 1 | 124 | | 1 | 321 | |
| 169 | 126 | | 1 | 323 | |
| 11 | 127 | | 2 | 325 | |
| 4 | 128 | | 12 | 328 | |
| 1 | 138 | | 9 | 337 | |
| 1 | 144 | | 11 | 338 | |
| 13 | 157 | | 2 | 342 | |
| 1 | 158 | | 1 | 349 | |
| 6 | 159 | | 1 | 365 | |
| 61 | 160 | | 2 | 367 | |
| 13 | 161 | | 9 | 369 | |
| 1 | 163 | | 23 | 371 | |
| 1 | 170 | | 30 | 374 | |
| 375 | 171 | | 253 | 375 | |
| 4 | 180 | | 1 | 376 | |
| 6 | 190 | | 1 | 404 | |
| 1 | 191 | | 1 | 409 | |

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F30MED1 (continued)

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|-------|-------|---------|-----------------------|
| 1 | 410 | | 1 | 486 | |
| 1 | 411 | | 1 | 487 | |
| 1 | 420 | | 2 | 489 | |
| 1 | 426 | | 3 | 490 | |
| 1 | 436 | | 10 | 491 | |
| 2 | 441 | | 1 | 493 | |
| 1 | 445 | | 41 | 516 | |
| 1 | 448 | | 9 | 519 | |
| 51 | 449 | | 1 | 520 | |
| 1 | 462 | | 2 | 521 | |
| 3 | 471 | | 5 | 522 | |
| 898 | 480 | | 8 | 545 | |
| 1166 | 481 | | 1 | 579 | |
| 1 | 482 | | 60 | 999 | CODE UNAVAILABLE(999) |
| 8 | 484 | | | | |

F30MED1:

1. See Appendix D for medication codes.

F30MED2 ----- MEDICATION CODE

type: numeric (float)

label: F30MED2

range: [0,999]

units: 1

unique values: 100

coded missing: 5205 / 6091

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|-------|-------|---------|-------|
| 1 | 0 | | 1 | 128 | |
| 2 | 1 | | 1 | 130 | |
| 1 | 2 | | 1 | 138 | |
| 19 | 3 | | 2 | 157 | |
| 1 | 4 | | 5 | 160 | |
| 1 | 5 | | 5 | 161 | |
| 7 | 6 | | 1 | 170 | |
| 8 | 7 | | 79 | 171 | |
| 1 | 10 | | 1 | 174 | |
| 8 | 11 | | 1 | 175 | |
| 9 | 28 | | 1 | 181 | |
| 12 | 29 | | 1 | 184 | |
| 1 | 42 | | 4 | 190 | |
| 9 | 44 | | 9 | 192 | |
| 1 | 45 | | 1 | 196 | |
| 5 | 59 | | 1 | 209 | |
| 1 | 61 | | 1 | 211 | |
| 2 | 79 | | 1 | 214 | |
| 1 | 101 | | 3 | 220 | |
| 1 | 119 | | 3 | 222 | |
| 1 | 121 | | 6 | 235 | |
| 94 | 126 | | 1 | 236 | |

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F30MED2 (continued)

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|-------|-------|---------|-----------------------|
| 1 | 239 | | 17 | 375 | |
| 1 | 242 | | 1 | 376 | |
| 3 | 243 | | 22 | 382 | |
| 1 | 248 | | 2 | 404 | |
| 67 | 249 | | 2 | 420 | |
| 1 | 261 | | 1 | 429 | |
| 1 | 271 | | 1 | 434 | |
| 15 | 279 | | 3 | 436 | |
| 1 | 281 | | 1 | 443 | |
| 1 | 285 | | 1 | 448 | |
| 1 | 286 | | 9 | 449 | |
| 1 | 290 | | 1 | 457 | |
| 1 | 298 | | 1 | 460 | |
| 1 | 306 | | 1 | 464 | |
| 1 | 309 | | 1 | 467 | |
| 1 | 314 | | 1 | 470 | |
| 1 | 323 | | 164 | 480 | |
| 1 | 328 | | 101 | 481 | |
| 1 | 329 | | 23 | 484 | |
| 1 | 331 | | 1 | 489 | |
| 1 | 332 | | 1 | 491 | |
| 1 | 335 | | 9 | 516 | |
| 2 | 337 | | 12 | 519 | |
| 4 | 338 | | 1 | 521 | |
| 1 | 342 | | 1 | 714 | |
| 5 | 369 | | 1 | 779 | |
| 1 | 370 | | 1 | 980 | |
| 23 | 371 | | 51 | 999 | CODE UNAVAILABLE(999) |

F30MED2:

1. See Appendix D for medication codes.

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F30MED3 ----- MEDICATION CODE

type: numeric (float)
label: F30MED3

range: [1,999] units: 1
unique values: 53 coded missing: 5892 / 6091

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|-------|-------|---------|-----------------------|
| 2 | 1 | | 1 | 231 | |
| 5 | 3 | | 1 | 233 | |
| 1 | 4 | | 1 | 237 | |
| 1 | 6 | | 1 | 239 | |
| 3 | 11 | | 1 | 240 | |
| 1 | 18 | | 27 | 249 | |
| 1 | 25 | | 1 | 260 | |
| 4 | 28 | | 4 | 279 | |
| 1 | 29 | | 1 | 318 | |
| 3 | 44 | | 1 | 320 | |
| 1 | 59 | | 2 | 332 | |
| 1 | 79 | | 2 | 337 | |
| 1 | 81 | | 1 | 338 | |
| 1 | 101 | | 9 | 371 | |
| 1 | 103 | | 2 | 375 | |
| 1 | 125 | | 11 | 382 | |
| 5 | 126 | | 2 | 420 | |
| 1 | 152 | | 1 | 429 | |
| 3 | 157 | | 3 | 436 | |
| 3 | 160 | | 1 | 448 | |
| 1 | 161 | | 2 | 449 | |
| 22 | 171 | | 1 | 471 | |
| 1 | 180 | | 17 | 480 | |
| 2 | 190 | | 13 | 481 | |
| 2 | 191 | | 6 | 484 | |
| 1 | 209 | | 17 | 999 | CODE UNAVAILABLE(999) |
| 1 | 220 | | | | |

F30MED3:

1. See Appendix D for medication codes.

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F30TRNS ----- TRANSFUSED PREV FOR EPISODE

type: numeric (float)
label: F30TRNS

range: [1,2] units: 1
unique values: 2 coded missing: 1658 / 6091

tabulation: Freq. Numeric Label
4226 1 NO
207 2 YES

F30TRNS:

1. Not collected before 7/2/80. Pain events before this version date will contain missing values.
2. Not applicable on 6/11/79 version.
3. See variable F30TRANS.

F30START ----- SOMETHING BROUGHT ON EPISODE

type: numeric (float)
label: F30START

range: [1,4] units: 1
unique values: 4 coded missing: 91 / 6091

tabulation: Freq. Numeric Label
2247 1 NO
2156 2 DK
1523 3 YES UNSPECIFIED
74 4 YES,GIVEN

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F30TMP ----- TEMPERATURE

type: numeric (float)
range: [35,40.9] units: .1
unique values: 57 coded missing: 191 / 6091
mean: 37.2449
std. dev: .704996
percentiles: 10% 25% 50% 75% 90%
36.5 36.8 37.1 37.6 38.1

F30TMPH ----- HOW TEMPERATURE OBTAINED

type: numeric (float)
label: F30TMPH
range: [1,2] units: 1
unique values: 2 coded missing: 305 / 6091
tabulation: Freq. Numeric Label
5415 1 ORAL
371 2 RECTAL

F30TMPH:

1. Response required only if there was a value for temperature.

F30APPEA ----- GENERAL APPEARANCE

type: numeric (float)
label: F30APPEA
range: [1,2] units: 1
unique values: 2 coded missing: 118 / 6091
tabulation: Freq. Numeric Label
1563 1 NO DISTRESS
4410 2 DISTRESS OR WITHDRAWN

F30APPEA:

1. Not collected before 7/2/80. Pain events on versions before 7/2/80 will contain missing values.

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F30DIST ----- DISTRESS SIGNS

type: numeric (float)
 label: F30DIST
 range: [0,32] units: 1
 unique values: 24 coded missing: 127 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-----------------------|
| | 99 | 0 | NO DISTRESS SIGNS(0) |
| | 1581 | 1 | GRIMACING(1) |
| | 1037 | 2 | CRYING(2) |
| | 406 | 3 | |
| | 312 | 4 | ABN POSTURE(4) |
| | 379 | 5 | |
| | 220 | 6 | |
| | 272 | 7 | |
| | 11 | 8 | HYSTERICAL(8) |
| | 19 | 10 | |
| | 5 | 11 | |
| | 7 | 12 | |
| | 2 | 13 | |
| | 6 | 14 | |
| | 20 | 15 | |
| | 19 | 16 | WITHDRAWN(16) |
| | 6 | 17 | |
| | 2 | 18 | |
| | 4 | 19 | |
| | 4 | 20 | |
| | 4 | 21 | |
| | 3 | 22 | |
| | 1 | 23 | |
| | 1545 | 32 | NO DISTRESS SIGNS(32) |

F30DIST:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. For the binary code '0' (NO DISTRESS SIGNS), this question was incomplete.

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F3OCHTND ----- CHEST TENDERNESS

type: numeric (float)

label: F3OCHTND

range: [1,2]

units: 1

unique values: 2

coded missing: 56 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 5378 | 1 | NO |
| | 657 | 2 | YES |

F30LUNG ----- LUNGS

type: numeric (float)

label: F30LUNG

range: [1,2]

units: 1

unique values: 2

coded missing: 57 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 5738 | 1 | NO |
| | 296 | 2 | YES |

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F30ABTS1 ----- ABDOMINAL TENDERNESS SITE

type: numeric (float)
 label: F30ABTS1

range: [26,834] units: 1
 unique values: 37 coded missing: 2382 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-----------------|
| | 1 | 26 | |
| | 1 | 99 | |
| | 1 | 121 | |
| | 2 | 164 | |
| | 53 | 196 | |
| | 82 | 197 | |
| | 11 | 198 | |
| | 3 | 207 | |
| | 15 | 228 | |
| | 58 | 229 | |
| | 12 | 230 | |
| | 21 | 260 | |
| | 37 | 261 | |
| | 3 | 262 | |
| | 1 | 293 | |
| | 1 | 390 | |
| | 1 | 473 | |
| | 1 | 641 | |
| | 1 | 656 | |
| | 1 | 660 | |
| | 1 | 663 | |
| | 357 | 665 | |
| | 94 | 666 | |
| | 24 | 667 | |
| | 35 | 668 | |
| | 19 | 669 | |
| | 14 | 697 | |
| | 5 | 698 | |
| | 1 | 699 | |
| | 4 | 700 | |
| | 2 | 729 | |
| | 1 | 730 | |
| | 1 | 731 | |
| | 2 | 732 | |
| | 2 | 831 | |
| | 147 | 833 | INCOMPLETE(833) |
| | 2694 | 834 | NO(834) |

F30ABTS1:

1. See Appendix F for body site locator chart.
2. Response required only if abdominal pain was present.

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F30ABTS2 ----- ABDOMINAL TENDERNESS SITE

type: numeric (float)
 label: F30ABTS2

range: [133,834] units: 1
 unique values: 27 coded missing: 2445 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-----------------|
| | 1 | 133 | |
| | 1 | 134 | |
| | 1 | 165 | |
| | 4 | 196 | |
| | 8 | 197 | |
| | 9 | 198 | |
| | 7 | 228 | |
| | 4 | 229 | |
| | 2 | 230 | |
| | 2 | 260 | |
| | 11 | 261 | |
| | 6 | 262 | |
| | 1 | 293 | |
| | 1 | 642 | |
| | 4 | 665 | |
| | 7 | 666 | |
| | 17 | 667 | |
| | 5 | 668 | |
| | 29 | 669 | |
| | 1 | 698 | |
| | 3 | 699 | |
| | 3 | 701 | |
| | 1 | 731 | |
| | 1 | 733 | |
| | 1 | 832 | |
| | 903 | 833 | INCOMPLETE(833) |
| | 2613 | 834 | NO(834) |

F30ABTS2:

1. See Appendix F for body site locator chart.
2. Response required only if abdominal pain was present.

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F30ABTS3 ----- ABDOMINAL TENDERNESS SITE

type: numeric (float)
 label: F30ABTS3

range: [198,834] units: 1
 unique values: 13 coded missing: 2445 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-----------------|
| | 4 | 198 | |
| | 1 | 207 | |
| | 2 | 230 | |
| | 4 | 261 | |
| | 8 | 262 | |
| | 2 | 665 | |
| | 2 | 667 | |
| | 3 | 668 | |
| | 2 | 669 | |
| | 1 | 700 | |
| | 1 | 701 | |
| | 1004 | 833 | INCOMPLETE(833) |
| | 2612 | 834 | NO(834) |

F30ABTS3:

1. See Appendix F for body site locator chart.
2. Response required only if abdominal pain was present.

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F30ARTS1 ----- ABDOMINAL REBOUND TENDERNESS SITE

type: numeric (float)
 label: F30ARTS1

range: [103,834] units: 1
 unique values: 17 coded missing: 2583 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-----------------|
| | 1 | 103 | |
| | 1 | 134 | |
| | 1 | 196 | |
| | 4 | 197 | |
| | 2 | 198 | |
| | 3 | 229 | |
| | 5 | 260 | |
| | 3 | 261 | |
| | 1 | 262 | |
| | 22 | 665 | |
| | 3 | 666 | |
| | 2 | 668 | |
| | 2 | 669 | |
| | 1 | 697 | |
| | 1 | 700 | |
| | 23 | 833 | INCOMPLETE(833) |
| | 3433 | 834 | NO(834) |

F30ARTS1:

1. See Appendix F for body site locator chart.
2. Response required only if abdominal pain was present.

F30ARTS2 ----- ABDOMINAL REBOUND TENDERNESS SITE

type: numeric (float)
 label: F30ARTS2

range: [196,834] units: 1
 unique values: 7 coded missing: 2649 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-----------------|
| | 1 | 196 | |
| | 3 | 262 | |
| | 1 | 668 | |
| | 1 | 669 | |
| | 1 | 832 | |
| | 69 | 833 | INCOMPLETE(833) |
| | 3366 | 834 | NO(834) |

F30ARTS2:

1. See Appendix F for body site locator chart.
2. Response required only if abdominal pain was present.

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F30ARTS3 ----- ABDOMINAL REBOUND TENDERNESS SITE

type: numeric (float)
label: F30ARTS3

range: [198,834] units: 1
unique values: 4 coded missing: 2651 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-----------------|
| | 1 | 198 | |
| | 1 | 261 | |
| | 74 | 833 | INCOMPLETE(833) |
| | 3364 | 834 | NO(834) |

F30ARTS3:

1. See Appendix F for body site locator chart.
2. Response required only if abdominal pain was present.

F30ABDBS ----- BOWEL SOUNDS PRESENT

type: numeric (float)
label: F30ABDBS

range: [1,2] units: 1
unique values: 2 coded missing: 3235 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 1003 | 1 | NO |
| | 1853 | 2 | YES |

F30ABDRG ----- RIGID ABDOMEN

type: numeric (float)
label: F30ABDRG

range: [1,2] units: 1
unique values: 2 coded missing: 3243 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 2780 | 1 | NO |
| | 68 | 2 | YES |

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F30XBKS1 ----- EXTREMITIES & BACK SITE

type: numeric (float)
 label: F30XBKS1

range: [1,834] units: 1
 unique values: 82 coded missing: 4753 / 6091

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|-------|-------|---------|-----------------|
| 1 | 1 | | 1 | 297 | |
| 1 | 68 | | 1 | 324 | |
| 1 | 79 | | 1 | 325 | |
| 23 | 99 | | 4 | 326 | |
| 2 | 101 | | 1 | 356 | |
| 4 | 103 | | 3 | 358 | |
| 1 | 110 | | 84 | 388 | |
| 1 | 111 | | 34 | 390 | |
| 2 | 131 | | 1 | 398 | |
| 2 | 135 | | 2 | 422 | |
| 1 | 163 | | 2 | 452 | |
| 1 | 166 | | 3 | 454 | |
| 2 | 167 | | 11 | 484 | |
| 14 | 195 | | 1 | 485 | |
| 1 | 197 | | 14 | 486 | |
| 8 | 199 | | 5 | 516 | |
| 4 | 205 | | 3 | 518 | |
| 1 | 206 | | 1 | 526 | |
| 2 | 207 | | 1 | 528 | |
| 1 | 208 | | 1 | 564 | |
| 6 | 209 | | 1 | 576 | |
| 1 | 226 | | 2 | 597 | |
| 1 | 227 | | 37 | 631 | |
| 1 | 228 | | 22 | 632 | |
| 1 | 229 | | 1 | 665 | |
| 1 | 230 | | 1 | 668 | |
| 2 | 231 | | 14 | 698 | |
| 3 | 232 | | 12 | 699 | |
| 2 | 240 | | 1 | 700 | |
| 6 | 257 | | 2 | 730 | |
| 5 | 258 | | 49 | 732 | |
| 9 | 260 | | 17 | 733 | |
| 5 | 262 | | 1 | 768 | |
| 3 | 264 | | 1 | 772 | |
| 4 | 265 | | 2 | 798 | |
| 2 | 267 | | 1 | 825 | |
| 1 | 274 | | 1 | 826 | |
| 1 | 275 | | 10 | 831 | |
| 1 | 279 | | 33 | 832 | |
| 1 | 289 | | 34 | 833 | INCOMPLETE(833) |
| 1 | 294 | | 792 | 834 | NO(834) |

F30XBKS1:

1. See Appendix F for body site locator chart.

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F30XBKS2 ----- SITE OF INFLAMMATION

type: numeric (float)
 label: F30XBKS2

range: [75,834] units: 1
 unique values: 59 coded missing: 4789 / 6091

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|-------|-------|---------|------------------|
| 1 | 75 | | 1 | 356 | |
| 2 | 99 | | 1 | 357 | |
| 2 | 100 | | 1 | 358 | |
| 1 | 101 | | 8 | 388 | |
| 1 | 102 | | 37 | 390 | |
| 14 | 103 | | 1 | 400 | |
| 1 | 113 | | 1 | 432 | |
| 1 | 133 | | 1 | 479 | |
| 1 | 135 | | 4 | 484 | |
| 7 | 195 | | 5 | 486 | |
| 3 | 199 | | 3 | 518 | |
| 3 | 205 | | 2 | 526 | |
| 1 | 207 | | 1 | 527 | |
| 1 | 226 | | 1 | 597 | |
| 1 | 229 | | 2 | 598 | |
| 1 | 230 | | 11 | 631 | |
| 4 | 257 | | 19 | 632 | |
| 1 | 258 | | 1 | 640 | |
| 2 | 260 | | 1 | 669 | |
| 2 | 262 | | 8 | 698 | |
| 1 | 263 | | 5 | 699 | |
| 2 | 264 | | 1 | 701 | |
| 3 | 265 | | 1 | 731 | |
| 1 | 267 | | 7 | 732 | |
| 1 | 272 | | 30 | 733 | |
| 3 | 275 | | 2 | 831 | |
| 1 | 280 | | 7 | 832 | |
| 1 | 292 | | 290 | 833 | INCOMPLETE (833) |
| 1 | 324 | | 785 | 834 | NO (834) |
| 1 | 326 | | | | |

F30XBKS2:

1. See Appendix F for body site locator chart.

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F30XBKS3 ----- SITE OF INFLAMMATION

type: numeric (float)
 label: F30XBKS3

range: [99,834] units: 1
 unique values: 32 coded missing: 4800 / 6091

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|-------|-------|---------|------------------|
| 4 | 99 | | 1 | 454 | |
| 1 | 100 | | 1 | 464 | |
| 1 | 165 | | 3 | 484 | |
| 1 | 167 | | 1 | 526 | |
| 1 | 191 | | 2 | 598 | |
| 2 | 195 | | 2 | 632 | |
| 4 | 199 | | 1 | 665 | |
| 1 | 232 | | 3 | 698 | |
| 1 | 240 | | 2 | 699 | |
| 4 | 258 | | 3 | 700 | |
| 6 | 260 | | 7 | 732 | |
| 2 | 265 | | 7 | 733 | |
| 1 | 275 | | 4 | 831 | |
| 1 | 358 | | 5 | 832 | |
| 7 | 388 | | 422 | 833 | INCOMPLETE (833) |
| 6 | 390 | | 784 | 834 | NO (834) |

F30XBKS3:

1. See Appendix F for body site locator chart.

F30XBKS4 ----- SITE OF INFLAMMATION

type: numeric (float)
 label: F30XBKS4

range: [103,834] units: 1
 unique values: 19 coded missing: 4803 / 6091

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|-------|-------|---------|------------------|
| 2 | 103 | | 1 | 420 | |
| 2 | 133 | | 4 | 486 | |
| 1 | 195 | | 1 | 631 | |
| 2 | 199 | | 4 | 699 | |
| 1 | 230 | | 3 | 701 | |
| 1 | 231 | | 2 | 732 | |
| 1 | 261 | | 3 | 733 | |
| 3 | 262 | | 465 | 833 | INCOMPLETE (833) |
| 4 | 388 | | 784 | 834 | NO (834) |
| 4 | 390 | | | | |

F30XBKS4:

1. See Appendix F for body site locator chart.

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F30LMST1 ----- LIMITED MOTION SITE

type: numeric (float)
 label: F30LMST1

range: [1,834] units: 1
 unique values: 91 coded missing: 4188 / 6091

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|-------|-------|---------|-------|
| 1 | 1 | | 1 | 292 | |
| 1 | 68 | | 2 | 294 | |
| 1 | 78 | | 2 | 297 | |
| 57 | 99 | | 2 | 326 | |
| 2 | 100 | | 2 | 356 | |
| 1 | 101 | | 1 | 384 | |
| 2 | 102 | | 170 | 388 | |
| 38 | 103 | | 63 | 390 | |
| 1 | 110 | | 2 | 398 | |
| 2 | 113 | | 3 | 400 | |
| 2 | 131 | | 1 | 407 | |
| 3 | 135 | | 2 | 420 | |
| 1 | 143 | | 1 | 422 | |
| 1 | 167 | | 1 | 451 | |
| 1 | 176 | | 26 | 484 | |
| 27 | 195 | | 1 | 485 | |
| 1 | 196 | | 18 | 486 | |
| 1 | 198 | | 1 | 496 | |
| 18 | 199 | | 2 | 516 | |
| 3 | 205 | | 3 | 518 | |
| 1 | 206 | | 2 | 526 | |
| 5 | 207 | | 1 | 528 | |
| 9 | 209 | | 1 | 583 | |
| 2 | 226 | | 1 | 597 | |
| 1 | 228 | | 2 | 598 | |
| 2 | 232 | | 1 | 608 | |
| 2 | 238 | | 1 | 629 | |
| 1 | 240 | | 69 | 631 | |
| 3 | 257 | | 32 | 632 | |
| 5 | 258 | | 2 | 644 | |
| 63 | 260 | | 3 | 668 | |
| 1 | 261 | | 35 | 698 | |
| 22 | 262 | | 24 | 699 | |
| 4 | 264 | | 3 | 700 | |
| 6 | 265 | | 1 | 701 | |
| 1 | 267 | | 1 | 708 | |
| 1 | 270 | | 1 | 718 | |
| 1 | 271 | | 1 | 730 | |
| 2 | 272 | | 120 | 732 | |
| 1 | 275 | | 45 | 733 | |
| 1 | 279 | | 1 | 768 | |
| 1 | 280 | | 1 | 772 | |
| 1 | 289 | | 9 | 798 | |

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CSSCD FULL COHORT PATIENTS

F30LMST1 (continued)

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-----------------|
| | 23 | 831 | |
| | 55 | 832 | |
| | 117 | 833 | INCOMPLETE(833) |
| | 746 | 834 | NO(834) |

F30LMST1:

1. See Appendix F for body site locator chart.

F30LMST2 ----- SITE WITH LIMITED MOTION

type: numeric (float)
label: F30LMST2

range: [18,834] units: 1
unique values: 72 coded missing: 4191 / 6091

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|-------|-------|---------|-------|
| 1 | 18 | | 2 | 265 | |
| 1 | 56 | | 1 | 267 | |
| 1 | 80 | | 1 | 270 | |
| 5 | 99 | | 2 | 272 | |
| 1 | 102 | | 1 | 274 | |
| 21 | 103 | | 1 | 275 | |
| 1 | 109 | | 1 | 280 | |
| 1 | 131 | | 1 | 292 | |
| 1 | 132 | | 1 | 294 | |
| 2 | 135 | | 1 | 326 | |
| 1 | 163 | | 1 | 356 | |
| 2 | 167 | | 3 | 358 | |
| 1 | 174 | | 23 | 388 | |
| 8 | 195 | | 1 | 389 | |
| 2 | 198 | | 113 | 390 | |
| 11 | 199 | | 1 | 391 | |
| 1 | 203 | | 1 | 393 | |
| 4 | 205 | | 3 | 398 | |
| 3 | 209 | | 1 | 408 | |
| 1 | 210 | | 2 | 455 | |
| 2 | 230 | | 7 | 484 | |
| 1 | 232 | | 17 | 486 | |
| 1 | 238 | | 4 | 518 | |
| 2 | 240 | | 1 | 526 | |
| 3 | 257 | | 1 | 527 | |
| 2 | 258 | | 2 | 598 | |
| 3 | 260 | | 1 | 611 | |
| 30 | 262 | | 12 | 631 | |
| 2 | 263 | | 31 | 632 | |
| 4 | 264 | | 2 | 646 | |

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CSSCD FULL COHORT PATIENTS

F30LMST2 (continued)

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric | Label |
|-------|---------|-------|-------|---------|------------------|
| 8 | 698 | | 20 | 732 | |
| 21 | 699 | | 98 | 733 | |
| 4 | 700 | | 2 | 831 | |
| 3 | 701 | | 6 | 832 | |
| 1 | 727 | | 634 | 833 | INCOMPLETE (833) |
| 1 | 728 | | 744 | 834 | NO (834) |

F30LMST2:

1. See Appendix F for body site locator chart.

F30CSTV1 ----- SITE WITH COSTOVERTEBRAL TENDERNESS

type: numeric (float)

label: F30CSTV1

range: [103,834]

units: 1

unique values: 26

coded missing: 5016 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|------------------|
| | 1 | 103 | |
| | 1 | 111 | |
| | 2 | 142 | |
| | 1 | 144 | |
| | 3 | 174 | |
| | 1 | 175 | |
| | 1 | 197 | |
| | 24 | 206 | |
| | 92 | 207 | |
| | 16 | 208 | |
| | 1 | 224 | |
| | 1 | 228 | |
| | 7 | 238 | |
| | 2 | 239 | |
| | 1 | 260 | |
| | 1 | 261 | |
| | 1 | 262 | |
| | 1 | 484 | |
| | 1 | 527 | |
| | 1 | 667 | |
| | 2 | 699 | |
| | 1 | 733 | |
| | 4 | 831 | |
| | 28 | 832 | |
| | 54 | 833 | INCOMPLETE (833) |
| | 827 | 834 | NO (834) |

F30CSTV1:

1. See Appendix F for body site locator chart.
2. If costovertebral angle tenderness was present, a urine analysis and culture was required. If the culture showed colony > 100,000, then a Renal Complications Form (FORM 62) was to be completed.

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F300PHYS ----- OTHER PHYSICAL FINDINGS

type: numeric (float)
label: F300PHYS

range: [1,3] units: 1
unique values: 3 coded missing: 247 / 6091

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|---------|
| | 4302 | 1 | NO |
| | 1513 | 2 | YES |
| | 29 | 3 | MISSING |

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 CSSCD FULL COHORT PATIENTS

F30CBCHB ----- CBC HB
 type: numeric (float)
 range: [2.7,15.6] units: .1
 unique values: 114 coded missing: 551 / 6091
 mean: 9.08886
 std. dev: 1.70732
 percentiles: 10% 25% 50% 75% 90%
 7.1 7.9 8.9 10.1 11.3

F30CBCHC ----- CBC HCT
 type: numeric (float)
 range: [6.4,48.3] units: .1
 unique values: 308 coded missing: 363 / 6091
 mean: 26.7571
 std. dev: 5.30478
 percentiles: 10% 25% 50% 75% 90%
 20.7 23 26 29.8 33.8

F30BCRB ----- CBC RB
 type: numeric (float)
 range: [.19,9.79] units: .01
 unique values: 424 coded missing: 854 / 6091
 mean: 3.07799
 std. dev: .810068
 percentiles: 10% 25% 50% 75% 90%
 2.15 2.48 2.95 3.57 4.19

F30BCWB ----- CBC WB
 type: numeric (float)
 range: [2.3,71] units: .1
 unique values: 305 coded missing: 458 / 6091
 mean: 14.7644
 std. dev: 5.35053
 percentiles: 10% 25% 50% 75% 90%
 8.7 11.1 14.3 17.8 21.2

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CSSCD FULL COHORT PATIENTS

F30CBCMV ----- CBC MCV

type: numeric (float)

range: [27,120] units: 1

unique values: 70 coded missing: 899 / 6091

mean: 88.2263

std. dev: 10.7992

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

 73 81 89 96 102

F30DFPMN ----- DIFFERENTIAL PMN

type: numeric (float)

range: [2,95] units: 1

unique values: 89 coded missing: 738 / 6091

mean: 58.5449

std. dev: 14.805

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

 39 48 59 70 77

F30DFBND ----- DIFFERENTIAL BANDS

type: numeric (float)

range: [0,96] units: 1

unique values: 38 coded missing: 2378 / 6091

mean: 3.49448

std. dev: 4.95867

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

 0 0 2 5 9

F30DFBND:

1. Not collected before 7/2/80. Pain events on versions before 7/2/80 will contain missing values. Since this is part of the differential sum calculation, any versions before 7/2/80 will not give reliable differential sums.

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CSSCD FULL COHORT PATIENTS

F30DFE0S ----- DIFFERENTIAL EOSINOPHILS

type: numeric (float)

range: [0,50] units: 1
unique values: 30 coded missing: 950 / 6091

mean: 2.4682
std. dev: 3.2322

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 0 | 1 | 3 | 6 |

F30DFBAS ----- DIFFERENTIAL BASOPHILS

type: numeric (float)

range: [0,64] units: 1
unique values: 19 coded missing: 1209 / 6091

mean: .507374
std. dev: 1.67634

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 0 | 0 | 1 | 1 |

F30DFLYM ----- DIFFERENTIAL LYMPHOCYTES

type: numeric (float)

range: [0,83] units: 1
unique values: 77 coded missing: 1022 / 6091

mean: 28.4001
std. dev: 12.533

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 13 | 19 | 27 | 37 | 45 |

F30DFMON ----- DIFFERENTIAL MONOCYTES

type: numeric (float)

range: [0,40] units: 1
unique values: 30 coded missing: 922 / 6091

mean: 6.63223
std. dev: 4.11206

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 2 | 4 | 6 | 9 | 12 |

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CSSCD FULL COHORT PATIENTS

F30DFATC ----- DIFFERENTIAL ATYPICAL CELLS

type: numeric (float)

range: [0,25] units: 1
unique values: 17 coded missing: 1375 / 6091

mean: .382103
std. dev: 1.19361

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 0 | 0 | 0 | 1 |

F30DFMM ----- DIFFERENTIAL METAMYELOCYTES|MYELOCYTES

type: numeric (float)

range: [0,13] units: 1
unique values: 12 coded missing: 1385 / 6091

mean: .285593
std. dev: .983624

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 0 | 0 | 0 | 1 |

F30NRB ----- NUCLEATED RED BLOOD CELLS

type: numeric (float)

range: [0,80] units: 1
unique values: 54 coded missing: 1346 / 6091

mean: 3.00864
std. dev: 6.80443

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 0 | 0 | 3 | 8 |

F30NRB:

1. Value of 99 was entered if > 100 RBCs/100WBC.

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CSSCD FULL COHORT PATIENTS

F30PLATE ----- PLATELETS

type: numeric (float)

range: [0,3160] units: 1
unique values: 715 coded missing: 2404 / 6091

mean: 412.394
std. dev: 171.102

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 210 | 295 | 401 | 510 | 615 |

F30RETIC ----- RETICULOCYTES

type: numeric (float)

range: [0,72] units: .1
unique values: 371 coded missing: 1157 / 6091

mean: 11.4957
std. dev: 8.30761

| | | | | | |
|--------------|-----|-----|-----|-----|------|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 2 | 5.1 | 10 | 16 | 22.3 |

F30BLRBN ----- TOTAL BILIRUBIN

type: numeric (float)

range: [.2,22.4] units: .1
unique values: 122 coded missing: 5222 / 6091

mean: 3.69194
std. dev: 3.06698

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 1 | 1.7 | 2.8 | 4.6 | 7.7 |

F30BLRBN:

1. Response required only if abdominal pain was present.

F30SRMAM ----- SERUM AMYLASE

type: numeric (float)

range: [7,832] units: 1
unique values: 126 coded missing: 5577 / 6091

mean: 84.3794
std. dev: 53.5981

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 43 | 55 | 74 | 97 | 142 |

F30SRMAM:

1. Response required only if abdominal pain was present.

7.1.2: Painful Event Summary – “Form” 61

F30FLOWS ----- NUMBER OF FLOWSHEETS

type: numeric (float)

range: [0,12]

units: 1

unique values: 11

coded missing: 11 / 6091

| tabulation: | Freq. | Value |
|-------------|-------|-------|
| | 3088 | 0 |
| | 2120 | 1 |
| | 677 | 2 |
| | 133 | 3 |
| | 33 | 4 |
| | 19 | 5 |
| | 3 | 6 |
| | 4 | 7 |
| | 1 | 8 |
| | 1 | 10 |
| | 1 | 12 |

F30FLOWS:

1. See section on computed variables.

F30FRM52 ----- IS THERE A 52 ON THE DATABASE

type: numeric (float)

range: [0,50]

units: 1

unique values: 10

coded missing: 11 / 6091

| tabulation: | Freq. | Value |
|-------------|-------|-------|
| | 511 | 0 |
| | 3256 | 30 |
| | 2277 | 31 |
| | 15 | 32 |
| | 4 | 34 |
| | 3 | 36 |
| | 3 | 38 |
| | 1 | 46 |
| | 9 | 48 |
| | 1 | 50 |

F30FRM52:

1. See section on computed variables.

F30DHOSP ----- NUMBER OF DAYS HOSPITALIZED

SECTION 7.1.2 PAINFUL EVENT SUMMARY

“FORM” 61

7.1.2: Painful Event Summary – “Form” 61

type: numeric (float)

range: [0,72] units: 1
unique values: 38 coded missing: 11 / 6091

| tabulation: | Freq. | Value |
|-------------|-------|-------|
| | 3102 | 0 |
| | 138 | 1 |
| | 284 | 2 |
| | 380 | 3 |
| | 442 | 4 |
| | 374 | 5 |
| | 504 | 6 |
| | 122 | 7 |
| | 161 | 8 |
| | 137 | 9 |
| | 93 | 10 |
| | 71 | 11 |
| | 88 | 12 |
| | 15 | 13 |
| | 31 | 14 |
| | 22 | 15 |
| | 22 | 16 |
| | 14 | 17 |
| | 25 | 18 |
| | 5 | 19 |
| | 4 | 20 |
| | 3 | 21 |
| | 3 | 22 |
| | 3 | 23 |
| | 10 | 24 |
| | 4 | 25 |
| | 6 | 26 |
| | 5 | 27 |
| | 1 | 28 |
| | 1 | 29 |
| | 1 | 32 |
| | 1 | 33 |
| | 2 | 36 |
| | 1 | 39 |
| | 1 | 40 |
| | 2 | 42 |
| | 1 | 51 |
| | 1 | 72 |

F30DHOSP:

1. See section on computed variables.

_dta:

1. Created 10/22/99.

A. List of variables deleted **F61DATE**

B. List of variables modified **NONE**

7.1.2: Painful Event Summary – “Form” 61

- 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 **F61DATE**
- H. New name **JF61DATE**
- I. Collection Information:

Form 54 (Painful Episode Form II), a short version of Form 30, was used to collect minimal information about painful events (visit data and hospitalization status).

 In order to facilitate calculation of painful event rates throughout the entire first phase of CSSCD, information from this form as well as the same information collected on Form 30 (Section 7.1.1) and Form 53 (Section 7.9) was combined in a single dataset (**R61.SD2**) – i.e., “Form 61” is designated as the “form” source for the data in this dataset.

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

| <u>Source of Data</u> | D. <u>Time Period</u> <u>Used</u> |
|---|--------------------------------------|
| Form 30: Painful Episode Form | 03/79 – 05/82 |
| Form 54: Painful Episode Form II | 05/82 – 12/86 |
| Form 53: Comprehensive Special Event Form for Patients Entered at < 6 Months of Age | 01/87 – 09/88 |

- K. Form Version Dates:

Form 30: 03/01/79, 03/29/79, 05/02/79, 06/11/79, 07/02/80

Form 54: 05/10/82

Form 53: 11/20/86

- L. Files Used to Store Information:

SAS System File: **R61.SD2**

Format File: **R61.FMT**

- M. Unique Record Identifiers: **ANONID, F61DATE**

Records within the dataset are sorted by **ANONID** and **F61DATE**.

7.1.2: Painful Event Summary – “Form” 61

N. Number of Observations (Patients) in SAS Dataset: 19,227 (2,296)

O. Contents of SAS Dataset:

- Alphabetical Listing of Variables: See p. 67
- Listing of Variables by Position: See p. 68

P. Notes About Selected Variable: None

Q. Computed Variables:

- **F61DHOSP** – is the variable name for number of days hospitalized. If the data source (**F61FORM**) was Form 30, the value was computed as described in Section 7.1.1 for **F30DHOSP**.

R. Inter-Relationship with Other Datasets:

Additional details about painful events reported on Form 30 (**F61FORM=30**) are stored in **R30.SD2** (See Section 7.1.1). Additional details about painful events reported on Form 53 (**F61FORM=53**) are stored in **R53.SD2** (See Section 7.9).

Skeletal and joint events occurring before January 1987 were reported on Form 36 (See Section 7.1.3) and those occurring between 01/87 and 10/88 were reported on Form 53 (See Section 7.9)

It is important to be aware that only a Form 54 or a Form 30 (and, therefore, only a “Form 61”) may exist where an event was more severe and should have Form 36 data instead (See Section 7.1.3).

It is also important to know that the “Form” 61 dataset (**R61.SD2**) combines painful event visits reported on Forms 30, 54, and 53 but does NOT include skeletal and joint events reported on Form 36 or osteomyelitis/septic arthritis events reported on Form 53 unless the event was also reported as a painful event.

CODEBOOK FOR CSSCD "FORM" 61

PAINFUL EVENT SUMMARY

CSSCD FULL COHORT PATIENTS

CONTENTS OF SAS DATASET: R61.SD2

DATA FROM CSSCD "FORM" 61 - PAINFUL EVENT SUMMARY

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

The CONTENTS Procedure

| | | | |
|---------------------|-----------------------------------|----------------------|-------|
| Data Set Name | OUT1.R61 | Observations | 19227 |
| Member Type | DATA | Variables | 5 |
| Engine | V9 | Indexes | 0 |
| Created | 15:27 Thursday, November 16, 2006 | Observation Length | 40 |
| Last Modified | 15:27 Thursday, November 16, 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 | 4096 |
| Number of Data Set Pages | 191 |
| First Data Page | 1 |
| Max Obs per Page | 101 |
| Obs in First Data Page | 60 |
| Number of Data Set Repairs | 0 |
| File Name | r61.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 # |
| 3 | F61DHOSP | Num | 8 | NUMBER OF DAYS HOSPITALIZED |
| 4 | F61FORM | Num | 8 | WHICH FORM WAS FILLED OUT |
| 2 | F61HOSP | Num | 8 | HOSPITALIZED |
| 5 | JF61DATE | Num | 8 | DATE FIRST SOUGHT CARE - RECODE DAYS SINCE DOE |

CODEBOOK FOR CSSCD "FORM" 61

PAINFUL EVENT SUMMARY

CSSCD FULL COHORT PATIENTS

* R61.FMT contains value labels for numerical codes assigned to categorical *
* variables in the SAS dataset R61.SD2 *
*****;

* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD 01/31/99 12:58:11;

PROC FORMAT PRINT;

* FORMAT NO_YES used for the variable F61HOSP;

VALUE NO_YES

1 = 'NO'
2 = 'YES';

7.1.3: Skeletal & Joint Events – Form 36

F61HOSP ----- HOSPITALIZED

type: numeric (float)
label: F61HOSP

range: [1,2] units: 1
unique values: 2 coded missing: 32 / 19227

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 8999 | 1 | NO |
| | 10196 | 2 | YES |

F61DHOSP ----- NUMBER OF DAYS HOSPITALIZED

type: numeric (float)

range: [0,99] units: 1
unique values: 58 coded missing: 0 / 19227

mean: 3.03901
std. dev: 4.69719

| percentiles: | 10% | 25% | 50% | 75% | 90% |
|--------------|-----|-----|-----|-----|-----|
| | 0 | 0 | 1 | 5 | 8 |

F61FORM ----- WHICH FORM WAS FILLED OUT

type: numeric (float)

range: [30,54] units: 1
unique values: 3 coded missing: 0 / 19227

| tabulation: | Freq. | Value |
|-------------|-------|-------|
| | 6091 | 30 |
| | 256 | 53 |
| | 12880 | 54 |

_dta:

1. Created 06/22/00.

7.1.3: Skeletal & Joint Events – Form 36

A. List of variables deleted **F36DATE F36INIT F36NDATE F36LASTU F36LASTE
F36ESTAT F36VDATE F36DFC F36FCB F36WHENS F36WHENP F36MMD1
F36MMD2 F36MMD3 F36PEB F36LABDT**

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 **F36DATE F36WHENS F36WHEMP**

H. New name **JF36DATE F36WHENS J36WHEMP**

I. Collection Information:

Form 36 (Skeletal & Joint Events), was completed each time a study patient was seen at a CSSCD clinic, emergency room, or hospital for an acute painful episode and lasting > 7 days (Bone Infarction); or the same involving the identification of an etiologic agent by culture (Osteomyelitis), or joint swelling with pain or effusion without trauma in the last three days (Joint Swelling). (as per Skeletal & Joint definition – See Section 7.1.0)

Pain episodes of the bone with < 7 days duration were collected on one of the Painful Episode forms – Form 30 or Form 54.

J. Data Collection Period: 03/79 – 12/86

Form 36 was used between 03/79 and 06/86 for the entire cohort and continued to be used through 12/86 for the infant cohort.

K. Form Version Dates: 03/01/79, 05/02/79, 08/11/80

Not all information from all form versions were retained to the final database. Variables considered unimportant or unusable from early versions of the form were dropped from the final dataset. Consequently, the codebook coincides closely with the latest version of Form 36.

L. Files Used to Store Information:

SAS System File: **R36.SD2**

Format File: **R36.FMT**

M. Unique Record Identifiers: **ANONID, F36DATE**

N. Number of Observations (Patients) in SAS Dataset: 455 (305)

7.1.3: Skeletal & Joint Events – Form 36

O. Contents of SAS Dataset:

- Alphabetical Listing of Variables: See pp. 77-79
- Listing of Variables by Position: See pp. 80-81

P. Notes About Selected Variables:

- **F36CBCWB** – is the CBC White Blood Cell Count variable assumed to be “uncorrected” in relation to nucleated red blood cells (nRBCs). There is a question as to whether clinics uniformly adhered to this recording policy, and there is no way of knowing whether the values recorded on the form are in fact uncorrected.
- **F36NRB** – is the Nucleated Red Blood Cell variable. The field length is 2-digits. If there were more than 100 nRBCs/100 WBCs, then a value of 99 was entered.
- **WBC Differential Variables** – When any of the following (**F36DFPMN**, **F36DFBND**, **F36DFEOS**, **F36DFBAS**, **F36DFLYM**, **F36DFMON**, **F36DFMM**, **F36DFATC**) are recorded, then the sum of the entire set should be = 100. Some of these variables are entered as missing, when the value in fact should be “0”. If the sum of differential variables with non-missing values is 100, then the differential variables with missing values are assumed to have a value of “0”.
- **Culture Code Variables** – (**F36BLCL1**, **F36BLCL2**, **F36BONE1**, **F36BONE2**, **F36JNT1**, **F36JNT2**) have the following anomaly. Although code (404) designates “Salmonella typhi” and (405) is “Salmonella non-typhi,” many forms did not specify the species. Therefore, any form listing “Salmonella” alone was assigned a code of (404).
- **F36XRAY** – An x-ray was required on admission for a skeletal & joint event, and the results are stored in this variable. A follow-up x-ray is required for such events and stored in variable **F31XRAY** on Form 31, the Painful Episode/Skeletal & Joint Flow Sheet.

Q. Computed Variables:

- **F36FLOWS** – is the number of follow-up hospitalization or “flow” sheets, in this case Form 31 or Form 37 sheets, associated with a given Form 36. It was derived by linking “Record 31” (or “Record 37” before 10/01/80) with “Record 36” by date (**F31DATE** or **F37DATE** with **F36DATE**) patient first sought care, and counting the number of forms that linked up.

7.1.3: Skeletal & Joint Events – Form 36

- **F36DHOSP** – is the number of days that data were collected on hospitalized skeletal & joint events. The number was derived by linking “Record 36” with all “Record 31s” (or “Record 37s” before 10/01/80) by date care was sought (**F36DATE** with **F31DATE** or **F37DATE**) and counting all the mo/day variables that are not missing for a given hospital stay (i.e., will equate with # of days hospitalized when forms are filled in correctly).
- **F36FRM52** – is the type code associated with a Form 52 (Acute Event Treatment Follow-up) for the same date as the skeletal & joint event (**F52DATE**, **F36DATE**). The variable that indicates which event a “Record 52” is associated with is **F52TYPE**. Therefore, the **F36FRM52** variable is made = **F52TYPE** for the same date care was sought. If treatment information for the event was collected on Form 31 or Form 33, **F36FRM52** will equal 31 or 33, respectively.

R. Inter-Relationship with Other Datasets:

1. Skeletal & Joint Events were also collected on:

| Phase 1 Forms | SAS Dataset |
|----------------------|--------------------|
| Form 53 | R53.SD2 |
| Form 30 | R30.SD2 |
| Form 54 | R61.SD2 |

[See Sections 7.1.1, 7.1.2, 7.9]

Form 53, the Comprehensive Special Event Form for Patients Entered at < 6 Months of Age, was used to continue collection of skeletal & joint information on the newborn cohort from 01/01/87 through the end of CSSCD Phase 1 (09/88). This form was used to record information about both hospitalized and non-hospitalized skeletal events.

In theory, there should be no relationship between pain episode forms and skeletal & joint forms other than Form 36 records the more severe event than the Form 30/Form 54. However, in truth, the definitional boundaries were crossed, and some of the following overlaps occur. The most common of these would be duplicates, a Form 30 and a Form 36 made out at the same date sought care (**F30DATE** = **F36DATE**). A second problem identified during the study, was the lack of a Form 36 completion to document the increasing severity of the event. This becomes a problem in identifying the most severe and rare cases of pain/bone problems, i.e., osteomyelitis/septic arthritis. It is important to be aware that only a Form 54, or a Form 30, may exist where an event actually was more severe, and should have Form 36 data instead. The following

7.1.3: Skeletal & Joint Events – Form 36

description of record access, in order to identify osteomyelitis cases, allows clarification of some of the above problems.

2. Osteomyelitis events can be distinguished from other skeletal & joint events by subsetting the dataset according to positive answers on the following variables:

| | |
|---------------|-------------------------------------|
| Blood Culture | F36BLDCL, F36BLCL1, F36BLCL2 |
| Bone Culture | F36BONE, F36BONE1, F36BONE2 |
| Joint Culture | F36JOINT, F36JNT1, F36JNT2 |

Additionally, the following forms are queried for ICDA code indications of final diagnosis or surgical diagnosis appropriate to Osteomyelitis (ICDA=711-712, 730-731).

| Form | SAS Dataset | Name |
|-------------|--------------------|---------------------------------|
| 83 | R83.SD2 | Surgery |
| 90 | R90.SD2 | Non-SCD Hospitalization |
| 52 | R52.SD2 | Acute Event Treatment Follow-up |

Querying these forms is valuable in distinguishing whether a given osteomyelitis or skeletal & joint event worsened to require surgery, and can provide the chronological sequencing for such worsening. Querying these forms for ICDA codes will also identify those events which may have occurred, but were not documented by a Form 36 (i.e., missed, or documented on a Form 30 or Form 54 initially).

3. Follow-up and treatment information was collected on:

| Phase 1 Forms | SAS Dataset |
|----------------------|--------------------|
| Form 37 | R37.SD2 |
| Form 31 | R31.SD2 |
| Form 52 | R52.SD2 |

All of the above mentioned records should be merged with the appropriate skeletal & joint event "Record 36" by the date of the skeletal & joint event (i.e., if **F37DATE=F36DATE**, or if **F31DATE=F36DATE**, or if **F52DATE=F36DATE**).

- a. Skeletal & joint event treatment follow-up was recorded on Form 37 (Skeletal & Joint Flow Sheet from 03/01/79 through 10/01/80). After 10/01/80 treatment follow-up was recorded on Form 31 (Painful Episode/Skeletal & Joint Event Flow Sheet & Treatment Follow-up). There are distinct differences between the data collected on each of

7.1.3: Skeletal & Joint Events – Form 36

these forms, and the formats of both flow sheets and variables in the corresponding datasets (**R37.SD2** and **R31.SD2**) should be studied carefully before attempting to use treatment data collected before 10/01/80 with treatment data collected thereafter.

- b. Form 37 is the Skeletal & Joint Event Flow Sheet. Form 37 data are stored in **R37.SD2**. The form was completed (03/01/79 – 10/01/80) if the patient was either hospitalized or seen on a daily basis as an outpatient for a skeletal & joint event (per definition – See Section 7.1.0).

It contains daily and summary information from day 2 of hospitalization for the event through discharge. Each “Record 37” contains 6 days of hospital information, so consequently, multiple “Record 37s” could exist for a given skeletal & joint event dependent on length of stay.

“Record 37s” within the SAS dataset are sorted by **ANONID**, **F37DATE**, and flow sheet number: **F37SHEET**. Therefore, information for hospital days 2-7 should be on **F37SHEET=1**; days 8-13 on **F37SHEET=2**, etc.

- c. Form 31 is the Painful Episode/Skeletal & Joint Event Flow Sheet & Treatment Follow-up. Form 31 data are stored in **R31.SD2**. The form was completed (10/01/80 – 12/31/86) if the patient was either hospitalized or seen on a daily basis as an outpatient for a skeletal & joint event.

It contains daily and summary information from day 2 of hospitalization for the event through discharge. Each “Record 31” contains 6 days of hospital information, so consequently, multiple “Record 31s” could exist for a given pain episode, dependent on length of stay.

“Record 31s” within the SAS dataset are sorted by **ANONID**, **F31DATE** and flow sheet number: **F31SHEET**. Therefore, information for hospital days 2-7 should be on **F31SHEET=1**; days 8-13 on **F31SHEET=2**, etc.

- d. Form 52 is the Acute Event Treatment Follow-up form (stored in

7.1.3: Skeletal & Joint Events – Form 36

R52.SD2) that collects summary treatment information for skeletal & joint events from 03/01/79 through 06/01/86 for all patients, and from 06/01/86 through 12/31/86 only for patients entered at < 6 months of age (newborn cohort). It does not record daily or laboratory data, since these are hospitalization values. However, the information it does collect on treatment, resolution of symptoms, and diagnosis is corollary to that collected on Form 31 for hospitalized events. No such treatment information is included on Form 37s, so Form 52s with the same date as **F37DATE** must be queried to obtain this additional data.

This form was used from the inception of the project to record follow-up information for all types of acute events. In order to link a specific “Record 36” with a “Record 52” the date patient first sought care is used (i.e., **F52DATE=F36DATE**). When **F36FRM52=31** or **F36FRM52=33**, then treatment information is stored in **R31.SD2** or **R33.SD2**, and “Record 36” should be merged by date to records in **R31.SD2** or **R33.SD2** for treatment, resolution of symptoms, and diagnostic data (e.g., if **F30FRM52=31**, then **F31DATE=F36DATE** or if **F30FRM52=33** then **F33DATE=F36DATE**).

CODEBOOK FOR CSSCD FORM 36

SKELETAL & JOINT EVENTS

CSSCD FULL COHORT PATIENTS

CONTENTS OF SAS DATASET: R36.SD2

DATA FROM CSSCD FORM 36 - SKELETAL AND JOINT EVENTS

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

IN THE SAS DATASET AND ON FORM 36

The CONTENTS Procedure

| | | | |
|---------------------|-----------------------------------|----------------------|-----|
| Data Set Name | OUT1.R36 | Observations | 455 |
| Member Type | DATA | Variables | 73 |
| Engine | V9 | Indexes | 0 |
| Created | 15:41 Thursday, November 16, 2006 | Observation Length | 544 |
| Last Modified | 15:41 Thursday, November 16, 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 | 16384 |
| Number of Data Set Pages | 16 |
| First Data Page | 1 |
| Max Obs per Page | 30 |
| Obs in First Data Page | 12 |
| Number of Data Set Repairs | 0 |
| File Name | r36.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 # |
| 48 | F36BLCL1 | Num | 8 | BLOOD MICROBIOLOGY CULTURE |
| 49 | F36BLCL2 | Num | 8 | BLOOD MICROBIOLOGY CULTURE |
| 47 | F36BLDCL | Num | 8 | BLOOD CULTURE |
| 50 | F36BONE | Num | 8 | BONE ASPIRATE |
| 51 | F36BONE1 | Num | 8 | BONE ASPIRATE ORGANISM |
| 52 | F36BONE2 | Num | 8 | BONE ASPIRATE ORGANISM |
| 32 | F36CBCHB | Num | 8 | CBC HB |
| 33 | F36CBCHC | Num | 8 | CBC HCT |
| 36 | F36CBCMV | Num | 8 | CBC MCV |
| 34 | F36BCRB | Num | 8 | CBC RBC |
| 35 | F36BCWB | Num | 8 | CBC WBC |
| 43 | F36DFATC | Num | 8 | DIFFERENTIAL ATYPICAL CELLS |
| 40 | F36DFBAS | Num | 8 | DIFFERENTIAL BASOPHILS |
| 38 | F36DFBND | Num | 8 | DIFFERENTIAL BANDS |
| 39 | F36DFEOS | Num | 8 | DIFFERENTIAL EOSINOPHILS |
| 41 | F36DFLYM | Num | 8 | DIFFERENTIAL LYMPHOCYTES |
| 44 | F36DFMM | Num | 8 | DIFFERENTIAL METAMYELOCYTES MYELOCYTES |
| 42 | F36DFMON | Num | 8 | DIFFERENTIAL MONOCYTES |
| 37 | F36DFPMN | Num | 8 | DIFFERENTIAL PMN |
| 66 | F36DHOSP | Num | 8 | NUMBER OF DAYS HOSPITALIZED |

CODEBOOK FOR CSSCD FORM 36

SKELETAL & JOINT EVENTS

CSSCD FULL COHORT PATIENTS

| | | | | |
|----|----------|------|---|--|
| 28 | F36EFF | Num | 8 | EFFUSION |
| 67 | F36EV1 | Char | 2 | ASSOCIATED EVENT CODE 1 |
| 68 | F36EV2 | Char | 2 | ASSOCIATED EVENT CODE 2 |
| 69 | F36EV3 | Char | 2 | ASSOCIATED EVENT CODE 3 |
| 70 | F36EV4 | Char | 2 | ASSOCIATED EVENT CODE 4 |
| 30 | F36FIXED | Num | 8 | FIXED DEFORMITY |
| 64 | F36FLOWS | Num | 8 | NUMBER OF FLOWSHEETS |
| 65 | F36FRM52 | Num | 8 | IS THERE A 52 ON THE DATABASE |
| 63 | F36HBS | Num | 8 | HB S % |
| 2 | F36HOSP | Num | 8 | HOSPITALIZED |
| 8 | F36INF | Num | 8 | INFECTION OR FEVER |
| 27 | F36INFL | Num | 8 | SIGNS OF INFLAMMATION |
| 56 | F36JNT1 | Num | 8 | JOINT FLUID ORGANISM |
| 57 | F36JNT2 | Num | 8 | JOINT FLUID ORGANISM |
| 55 | F36JOINF | Num | 8 | JOINT FLUID |
| 54 | F36JOINT | Num | 8 | JOINT ASPIRATION |
| 58 | F36JWBC | Num | 8 | JOINT ASPIRATION WBC |
| 29 | F36LIMIT | Num | 8 | LIMITATION OF MOTION |
| 13 | F36MDT1 | Num | 8 | MEDICATION DAYS TAKEN |
| 15 | F36MDT2 | Num | 8 | MEDICATION DAYS TAKEN |
| 17 | F36MDT3 | Num | 8 | MEDICATION DAYS TAKEN |
| 11 | F36MED | Num | 8 | TAKEN ANY MEDICATION |
| 12 | F36MED1 | Num | 8 | MEDICATION CODE |
| 14 | F36MED2 | Num | 8 | MEDICATION CODE |
| 16 | F36MED3 | Num | 8 | MEDICATION CODE |
| 59 | F36MUCIN | Num | 8 | JOINT ASPIRATION MUCIN CLOT |
| 21 | F36NMSIT | Num | 8 | NUMBER OF SITES |
| 45 | F36NRB | Num | 8 | NUCLEATED RED BLOOD CELLS |
| 31 | F36OPHYS | Num | 8 | OTHER PHYSICAL FINDINGS |
| 26 | F36OSST | Num | 8 | OSSEUS TENDERNESS |
| 10 | F36OTHER | Num | 8 | OTHER |
| 5 | F36PAIN | Num | 8 | PAIN? |
| 61 | F36RED | Num | 8 | RED |
| 46 | F36RETIC | Num | 8 | RETICULOCYTES |
| 6 | F36SEVPN | Num | 8 | SEVERITY OF PAIN |
| 22 | F36SITE1 | Char | 3 | SITECODES |
| 23 | F36SITE2 | Char | 3 | SITECODES |
| 24 | F36SITE3 | Char | 3 | SITECODES |
| 25 | F36SITE4 | Char | 3 | SITECODES |
| 4 | F36SWELL | Num | 8 | SWELLING? |
| 19 | F36TMP | Num | 8 | TEMPERATURE |
| 20 | F36TMPH | Num | 8 | HOW TEMPERATURE TAKEN |
| 3 | F36TRANS | Num | 8 | TRANSFUSED |
| 9 | F36TRAUM | Num | 8 | TRAUMA |
| 18 | F36TRNS | Num | 8 | TRANSFUSION FOR EPISODE |
| 7 | F36TYPPN | Num | 8 | TYPICAL SICKLE CELL PAIN |
| 62 | F36URA | Num | 8 | URIC ACID |
| 60 | F36URAC | Num | 8 | URIC ACID CRYSTALS |
| 53 | F36XRAY | Num | 8 | XRAY |
| 73 | J36WHENP | Num | 8 | WHEN PAIN BEGAN - RECODE DAYS SINCE DOE |
| 72 | J36WHENS | Num | 8 | WHEN SWELLING BEGAN - RECODE DAYS SINCE DOE |
| 71 | JF36DATE | Num | 8 | DATE FIRST SOUGHT CARE - RECODE DAYS SINCE DOE |

CODEBOOK FOR CSSCD FORM 36

SKELETAL & JOINT EVENTS

CSSCD FULL COHORT PATIENTS

* R36.FMT contains value labels for numerical codes assigned to categorical *

* variables in the SAS dataset R36.SD2

*

*****;

* SIR/DBMS 2.2 SAS DATA STEP FROM DATABASE: CSSCD 11/14/98 10:56:11;

PROC FORMAT;

* FORMAT NO_YES used for the following variables:

F36HOSP F36TRANS F36SWELL

F36PAIN F36TYPPN F36MED

F36TRNS F36OSST F36INFL

F36EFF F36LIMIT F36FIXED

F36OPHYS F36URAC F36RED;

VALUE NO_YES

1 = 'NO'

2 = 'YES';

VALUE F36SEVPN

1 = 'MILD'

2 = 'MODERATE'

3 = 'SEVERE';

* FORMAT NODKYES used for the following variables: F36INF F36TRAUM
F36OTHER;

VALUE NODKYES

1 = 'NO'

2 = 'DK'

3 = 'YES';

VALUE F36TMPH

1 = 'ORAL'

2 = 'RECTAL';

* FORMAT NEG_POS used for the following variables: F36BLDCL F36BONE
F36JOINF;

VALUE NEG_POS

1 = 'POSITIVE'

2 = 'NEGATIVE';

* FORMAT ABN_NORM used for the following variables: F36XRAY F36JOINT
F36MUCIN;

VALUE ABN_NORM

1 = 'NORMAL'

2 = 'ABNORMAL';

* FORMAT

F36HOSP F36TRANS F36SWELL

F36PAIN F36TYPPN F36MED F36TRNS

CODEBOOK FOR CSSCD FORM 36

SKELETAL & JOINT EVENTS

CSSCD FULL COHORT PATIENTS

F36OSST F36INFL F36EFF F36LIMIT
F36FIXED F36OPHYS F36URAC F36RED NO_YES.
F36SEVPN F36SEVPN.
F36INF F36TRAUM F36OTHER NODKYES.
F36TMPH F36TMPH.
F36BLDCL F36BONE F36JOINF NEG_POS.
F36XRAY F36JOINT F36MUCIN ABN_NORM.;

RUN;
QUIT;

CODEBOOK FOR CSSCD FORM 36
SKELETAL & JOINT EVENTS - PAGE 1
 CSSCD FULL COHORT PATIENTS

F36VDATE ----- VERSION DATE **DELETED**

type: numeric daily date (int)
 label: datelab

range: [6999,7528] units: 1
 or equivalently: [01mar1979,11aug1980] units: days
 unique values: 3 coded missing: 0 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|----------|
| | 66 | 6999 | 03/01/79 |
| | 11 | 7061 | 05/02/79 |
| | 378 | 7528 | 08/11/80 |

F36EV1 ----- ASSOCIATED EVENT CODE 1

type: string (str2)

unique values: 21 coded missing: 163 / 455

| tabulation: | Freq. | Value |
|-------------|-------|-------|
| | 114 | "30" |
| | 27 | "31" |
| | 15 | "32" |
| | 1 | "34" |
| | 1 | "36" |
| | 4 | "37" |
| | 3 | "38" |
| | 2 | "40" |
| | 1 | "44" |
| | 3 | "46" |
| | 30 | "48" |
| | 6 | "52" |
| | 44 | "54" |
| | 1 | "59" |
| | 1 | "62" |
| | 1 | "64" |
| | 1 | "82" |
| | 10 | "83" |
| | 24 | "84" |
| | 1 | "86" |
| | 2 | "90" |

F36EV1:

1. Response required only if there was an associated event.
2. See Appendix L for event codes.

CODEBOOK FOR CSSCD FORM 36
SKELETAL & JOINT EVENTS - PAGE 1
CSSCD FULL COHORT PATIENTS

F36EV2 ----- ASSOCIATED EVENT CODE 2
 type: string (str2)

 unique values: 17 coded missing: 163 / 455

tabulation:

| Freq. | Value | Freq. | Value |
|-------|-------|-------|-------|
| 124 | "00" | 4 | "49" |
| 13 | "30" | 14 | "52" |
| 55 | "31" | 6 | "54" |
| 9 | "32" | 2 | "60" |
| 3 | "33" | 3 | "64" |
| 1 | "34" | 8 | "83" |
| 1 | "37" | 22 | "84" |
| 10 | "46" | 2 | "90" |
| 15 | "48" | | |

F36EV2:

1. Response required only if there was at least 1 associated event.
2. See Appendix L for event codes.

F36EV3 ----- ASSOCIATED EVENT CODE 3
 type: string (str2)

 unique values: 20 coded missing: 163 / 455

tabulation:

| Freq. | Value | Freq. | Value |
|-------|-------|-------|-------|
| 198 | "00" | 3 | "48" |
| 2 | "30" | 2 | "49" |
| 6 | "31" | 37 | "52" |
| 4 | "32" | 5 | "54" |
| 1 | "33" | 1 | "62" |
| 1 | "34" | 1 | "64" |
| 2 | "36" | 1 | "82" |
| 4 | "37" | 3 | "83" |
| 1 | "40" | 15 | "84" |
| 4 | "46" | 1 | "90" |

F36EV3:

1. Response required only if there was at least 1 associated event.
2. See Appendix L for event codes.

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F36EV4 ----- ASSOCIATED EVENT CODE 4

type: string (str2)

unique values: 16

coded missing: 163 / 455

| tabulation: | Freq. | Value |
|-------------|-------|-------|
| | 255 | "00" |
| | 4 | "31" |
| | 3 | "32" |
| | 1 | "33" |
| | 1 | "35" |
| | 2 | "37" |
| | 2 | "46" |
| | 1 | "47" |
| | 2 | "49" |
| | 7 | "52" |
| | 3 | "54" |
| | 1 | "62" |
| | 1 | "64" |
| | 2 | "83" |
| | 6 | "84" |
| | 1 | "90" |

F36EV4:

1. Response required only if there was at least 1 associated event.
2. See Appendix L for event codes.

F36HOSP ----- HOSPITALIZED

type: numeric (float)
label: F36HOSP

range: [1,2]
unique values: 2

units: 1
coded missing: 0 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 74 | 1 | NO |
| | 381 | 2 | YES |

F36TRANS ----- TRANSFUSED

type: numeric (float)
label: F36TRANS

range: [1,2]
unique values: 2

units: 1
coded missing: 79 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 303 | 1 | NO |
| | 73 | 2 | YES |

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F36SWELL ----- SWELLING?

type: numeric (float)
label: F36SWELL

range: [1,2] units: 1
unique values: 2 coded missing: 78 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 179 | 1 | NO |
| | 198 | 2 | YES |

F36PAIN ----- PAIN?

type: numeric (float)
label: F36PAIN

range: [1,2] units: 1
unique values: 2 coded missing: 79 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 6 | 1 | NO |
| | 370 | 2 | YES |

F36SEVPN ----- SEVERITY OF PAIN

type: numeric (float)
label: F36SEVPN

range: [1,3] units: 1
unique values: 3 coded missing: 93 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|----------|
| | 13 | 1 | MILD |
| | 100 | 2 | MODERATE |
| | 249 | 3 | SEVERE |

F36SEVPN:

1. Response required only if F36PAIN=2.

F36TYPPN ----- TYPICAL SICKLE CELL PAIN

type: numeric (float)
label: F36TYPPN

range: [1,2] units: 1
unique values: 2 coded missing: 107 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 108 | 1 | NO |
| | 240 | 2 | YES |

F36TYPPN:

1. Response required only if F36PAIN=2.

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F36INF ----- INFECTION OR FEVER

type: numeric (float)
label: F36INF

range: [1,3] units: 1
unique values: 3 coded missing: 4 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 318 | 1 | NO |
| | 9 | 2 | DK |
| | 124 | 3 | YES |

F36TRAUM ----- TRAUMA

type: numeric (float)
label: F36TRAUM

range: [1,3] units: 1
unique values: 3 coded missing: 5 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 421 | 1 | NO |
| | 9 | 2 | DK |
| | 20 | 3 | YES |

F36OTHER ----- OTHER

type: numeric (float)
label: F36OTHER

range: [1,3] units: 1
unique values: 3 coded missing: 6 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 361 | 1 | NO |
| | 9 | 2 | DK |
| | 79 | 3 | YES |

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F36MED ----- TAKEN ANY MEDICATION

type: numeric (float)
 label: F36MED

range: [1,2] units: 1
 unique values: 2 coded missing: 4 / 455

| | | | |
|-------------|-------|---------|-------|
| tabulation: | Freq. | Numeric | Label |
| | 129 | 1 | NO |
| | 322 | 2 | YES |

F36MED1 ----- MEDICATION CODE

type: numeric (float)

range: [3,999] units: 1
 unique values: 45 coded missing: 135 / 455

tabulation:

| Freq. | Value | Freq. | Value |
|-------|-------|-------|-------|
| 2 | 3 | 6 | 249 |
| 4 | 6 | 1 | 274 |
| 11 | 7 | 1 | 286 |
| 1 | 11 | 1 | 287 |
| 5 | 28 | 2 | 328 |
| 3 | 29 | 3 | 337 |
| 7 | 44 | 7 | 338 |
| 1 | 71 | 1 | 369 |
| 10 | 126 | 1 | 370 |
| 1 | 127 | 3 | 371 |
| 2 | 159 | 6 | 374 |
| 6 | 160 | 16 | 375 |
| 3 | 161 | 6 | 449 |
| 1 | 167 | 1 | 462 |
| 39 | 171 | 1 | 470 |
| 1 | 190 | 50 | 480 |
| 10 | 192 | 73 | 481 |
| 1 | 220 | 1 | 516 |
| 1 | 221 | 1 | 522 |
| 1 | 228 | 1 | 537 |
| 4 | 231 | 1 | 564 |
| 1 | 244 | 21 | 999 |
| 1 | 248 | | |

F36MED1:

1. Required only if F36MED=2.
2. See Appendix D - CODED DRUG LIST.
3. Patients may have indicated only one or all three depending on the type(s) of medication.

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F36MDT1 ----- MEDICATION DAYS TAKEN

type: numeric (float)

range: [0,9]

units: 1

unique values: 10

coded missing: 169 / 455

tabulation:

| Freq. | Value |
|-------|-------|
| 1 | 0 |
| 123 | 1 |
| 42 | 2 |
| 24 | 3 |
| 17 | 4 |
| 19 | 5 |
| 13 | 6 |
| 16 | 7 |
| 6 | 8 |
| 25 | 9 |

F36MDT1:

1. Required only if F36MED=2.

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F36MED2 ----- MEDICATION CODE

type: numeric (float)

range: [3,999] units: 1
 unique values: 39 coded missing: 357 / 455

tabulation:

| Freq. | Value | Freq. | Value |
|-------|-------|-------|-------|
| 1 | 3 | 2 | 337 |
| 1 | 7 | 1 | 344 |
| 1 | 11 | 1 | 367 |
| 1 | 25 | 1 | 369 |
| 1 | 28 | 2 | 375 |
| 1 | 33 | 4 | 382 |
| 2 | 44 | 1 | 417 |
| 3 | 59 | 1 | 441 |
| 1 | 102 | 2 | 449 |
| 11 | 126 | 1 | 464 |
| 2 | 160 | 7 | 480 |
| 12 | 171 | 7 | 481 |
| 4 | 192 | 2 | 484 |
| 1 | 222 | 1 | 516 |
| 1 | 231 | 3 | 519 |
| 3 | 249 | 2 | 541 |
| 1 | 253 | 1 | 562 |
| 1 | 279 | 2 | 579 |
| 2 | 287 | 6 | 999 |
| 1 | 290 | | |

F36MED2:

1. Required only if F36MED2=2 and >1 medication taken.
2. See Appendix D - CODED DRUG LIST.
3. Patients may have indicated only one or all three depending on the type(s) of medication.

F36MDT2 ----- MEDICATION DAYS TAKEN

type: numeric (float)

range: [1,9] units: 1
 unique values: 9 coded missing: 376 / 455

tabulation:

| Freq. | Value |
|-------|-------|
| 21 | 1 |
| 9 | 2 |
| 8 | 3 |
| 5 | 4 |
| 5 | 5 |
| 6 | 6 |
| 10 | 7 |
| 3 | 8 |
| 12 | 9 |

F36MDT2:

1. Required only if F36MED2>1.

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F36MED3 ----- MEDICATION CODE

type: numeric (float)

range: [3,999] units: 1
unique values: 24 coded missing: 425 / 455

tabulation:

| Freq. | Value | Freq. | Value |
|-------|-------|-------|-------|
| 1 | 3 | 1 | 337 |
| 1 | 21 | 1 | 371 |
| 2 | 28 | 1 | 372 |
| 1 | 57 | 2 | 375 |
| 1 | 102 | 2 | 382 |
| 2 | 171 | 1 | 391 |
| 1 | 191 | 2 | 417 |
| 1 | 192 | 1 | 436 |
| 1 | 231 | 1 | 449 |
| 1 | 233 | 2 | 480 |
| 1 | 249 | 1 | 481 |
| 1 | 328 | 1 | 999 |

F36MED3:

1. Required only if F36MED=2 and >2 medications taken.
2. See Appendix D - CODED DRUG LIST.
3. Patients may have indicated only one or all three depending on the type(s) of medication.

F36MDT3 ----- MEDICATION DAYS TAKEN

type: numeric (float)

range: [1,9] units: 1
unique values: 9 coded missing: 432 / 455

tabulation:

| Freq. | Value |
|-------|-------|
| 2 | 1 |
| 3 | 2 |
| 5 | 3 |
| 3 | 4 |
| 2 | 5 |
| 3 | 6 |
| 1 | 7 |
| 1 | 8 |
| 3 | 9 |

F36MDT3:

1. Required only if F36MED3>1.

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F36TRNS ----- TRANSFUSION FOR EPISODE

type: numeric (float)
label: F36TRNS

range: [1,2] units: 1
unique values: 2 coded missing: 9 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 399 | 1 | NO |
| | 47 | 2 | YES |

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F36TMP ----- TEMPERATURE

type: numeric (float)

range: [34.4,41.3] units: .1

unique values: 50 coded missing: 6 / 455

mean: 37.6472

std. dev: .946916

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

 36.7 37 37.4 38.2 39

F36TMPH ----- HOW TEMPERATURE TAKEN

type: numeric (float)

label: F36TMPH

range: [1,2] units: 1

unique values: 2 coded missing: 12 / 455

tabulation: Freq. Numeric Label

 404 1 ORAL

 39 2 RECTAL

F36NMSIT ----- NUMBER OF SITES

type: numeric (float)

range: [1,8] units: 1

unique values: 8 coded missing: 7 / 455

tabulation: Freq. Value

 175 1

 119 2

 67 3

 72 4

 8 5

 5 6

 1 7

 1 8

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CSSCD FULL COHORT PATIENTS

F36SITE1 ----- SITECODES

type: string (str3)

unique values: 90

coded missing: 18 / 455

tabulation:

| Freq. | Value | Freq. | Value |
|-------|-------|-------|-------|
| 1 | "16" | 1 | "I16" |
| 1 | "26" | 1 | "I18" |
| 2 | "135" | 2 | "I23" |
| 1 | "205" | 2 | "J01" |
| 1 | "262" | 2 | "J02" |
| 1 | "274" | 1 | "J04" |
| 1 | "297" | 1 | "J05" |
| 1 | "388" | 1 | "J09" |
| 2 | "631" | 2 | "K04" |
| 1 | "698" | 1 | "K06" |
| 2 | "A01" | 59 | "M04" |
| 1 | "A15" | 19 | "M06" |
| 1 | "C05" | 2 | "M14" |
| 12 | "D03" | 2 | "M16" |
| 3 | "D04" | 1 | "M26" |
| 3 | "D05" | 3 | "N04" |
| 10 | "D07" | 1 | "N06" |
| 1 | "D13" | 2 | "N14" |
| 1 | "D17" | 1 | "N29" |
| 2 | "E03" | 5 | "O04" |
| 5 | "E05" | 2 | "O06" |
| 1 | "E06" | 12 | "P04" |
| 1 | "E07" | 9 | "P06" |
| 1 | "F04" | 2 | "P14" |
| 3 | "F05" | 1 | "P16" |
| 1 | "F06" | 1 | "Q04" |
| 1 | "F07" | 3 | "Q06" |
| 12 | "G03" | 1 | "Q14" |
| 1 | "G04" | 2 | "Q16" |
| 12 | "G07" | 2 | "R20" |
| 8 | "G13" | 1 | "S21" |
| 1 | "G15" | 1 | "S22" |
| 6 | "G17" | 21 | "T23" |
| 2 | "H02" | 12 | "T24" |
| 1 | "H05" | 7 | "U25" |
| 3 | "H08" | 1 | "U26" |
| 1 | "H13" | 2 | "V25" |
| 1 | "H50" | 12 | "V26" |
| 6 | "I02" | 6 | "V27" |
| 14 | "I04" | 30 | "W28" |
| 9 | "I06" | 15 | "W29" |
| 2 | "I08" | 1 | "Y30" |
| 1 | "I09" | 3 | "Z31" |
| 1 | "I11" | 37 | "Z32" |
| 1 | "I15" | 1 | "d07" |

F36SITE1:

1. See Appendix F - BODY LOCATOR CHARTS/SITE CODE LISTS.

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F36SITE2 ----- SITECODES
 type: string (str3)

unique values: 82 coded missing: 178 / 455

tabulation:

| Freq. | Value | Freq. | Value |
|-------|-------|-------|-------|
| 1 | "27" | 2 | "I24" |
| 1 | "260" | 1 | "J02" |
| 1 | "326" | 1 | "J09" |
| 1 | "632" | 1 | "L15" |
| 1 | "698" | 24 | "M04" |
| 1 | "732" | 42 | "M06" |
| 1 | "A25" | 1 | "M14" |
| 1 | "B15" | 1 | "M16" |
| 4 | "D03" | 1 | "N04" |
| 1 | "D05" | 1 | "N06" |
| 1 | "D06" | 1 | "N15" |
| 7 | "D07" | 1 | "N16" |
| 2 | "D13" | 1 | "O04" |
| 1 | "D17" | 1 | "O06" |
| 1 | "E03" | 1 | "O16" |
| 2 | "E05" | 5 | "P04" |
| 1 | "E06" | 6 | "P06" |
| 2 | "E07" | 3 | "P14" |
| 1 | "F03" | 3 | "Q04" |
| 1 | "F05" | 1 | "Q06" |
| 2 | "F06" | 2 | "Q14" |
| 1 | "F07" | 1 | "Q16" |
| 1 | "F13" | 1 | "R06" |
| 1 | "F32" | 1 | "R20" |
| 1 | "G02" | 2 | "S21" |
| 4 | "G03" | 4 | "S22" |
| 6 | "G07" | 1 | "T05" |
| 4 | "G13" | 4 | "T23" |
| 1 | "G16" | 13 | "T24" |
| 2 | "G17" | 1 | "U23" |
| 1 | "H03" | 5 | "U25" |
| 1 | "H05" | 4 | "V26" |
| 1 | "H06" | 13 | "V27" |
| 2 | "I01" | 2 | "V28" |
| 2 | "I02" | 1 | "W06" |
| 3 | "I04" | 1 | "W25" |
| 5 | "I06" | 12 | "W28" |
| 3 | "I08" | 21 | "W29" |
| 1 | "I14" | 3 | "Z31" |
| 1 | "I16" | 10 | "Z32" |
| 1 | "I18" | 1 | "t26" |

F36SITE2:

1. See Appendix F - BODY LOCATOR CHARTS/SITE CODE LISTS.

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F36SITE3 ----- SITECODES

type: string (str3)

unique values: 56

coded missing: 296 / 455

tabulation:

| Freq. | Value | Freq. | Value |
|-------|-------|-------|-------|
| 1 | "099" | 12 | "M06" |
| 1 | "732" | 1 | "M16" |
| 1 | "C05" | 1 | "M24" |
| 1 | "C15" | 2 | "006" |
| 5 | "D03" | 6 | "P04" |
| 2 | "D07" | 1 | "P06" |
| 1 | "D13" | 1 | "Q03" |
| 1 | "D14" | 3 | "Q04" |
| 1 | "D15" | 1 | "Q06" |
| 1 | "E04" | 2 | "R20" |
| 3 | "E05" | 2 | "S21" |
| 2 | "F06" | 1 | "S22" |
| 4 | "G03" | 1 | "T02" |
| 2 | "G07" | 5 | "T23" |
| 1 | "G13" | 1 | "T24" |
| 1 | "G19" | 3 | "U25" |
| 1 | "G73" | 1 | "U26" |
| 1 | "H02" | 1 | "V25" |
| 1 | "H07" | 10 | "V26" |
| 1 | "H13" | 5 | "V27" |
| 3 | "I02" | 3 | "V28" |
| 2 | "I04" | 1 | "V29" |
| 2 | "I08" | 13 | "W28" |
| 1 | "I14" | 9 | "W29" |
| 1 | "I16" | 1 | "Y30" |
| 1 | "I24" | 3 | "Z31" |
| 1 | "J03" | 12 | "Z32" |
| 13 | "M04" | 1 | "w28" |

F36SITE3:

1. See Appendix F - BODY LOCATOR CHARTS/SITE CODE LISTS.

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F36SITE4 ----- SITECODES

type: string (str3)

unique values: 36

coded missing: 364 / 455

tabulation:

| Freq. | Value |
|-------|-------|
| 1 | "22" |
| 1 | "733" |
| 1 | "B05" |
| 3 | "D03" |
| 2 | "D04" |
| 1 | "D06" |
| 2 | "D07" |
| 1 | "D17" |
| 1 | "E05" |
| 1 | "F04" |
| 1 | "G03" |
| 1 | "G07" |
| 1 | "H02" |
| 1 | "J04" |
| 1 | "M04" |
| 9 | "M06" |
| 2 | "M14" |
| 1 | "M29" |
| 1 | "N04" |
| 1 | "O14" |
| 8 | "P06" |
| 1 | "P14" |
| 2 | "Q06" |
| 1 | "R20" |
| 2 | "T23" |
| 3 | "T24" |
| 3 | "U25" |
| 2 | "U27" |
| 3 | "V26" |
| 7 | "V27" |
| 2 | "V29" |
| 2 | "W28" |
| 14 | "W29" |
| 2 | "Z31" |
| 5 | "Z32" |
| 1 | "w29" |

F36SITE4:

1. See Appendix F - BODY LOCATOR CHARTS/SITE CODE LISTS.

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F36OSST ----- OSSEUS TENDERNESS

type: numeric (float)

label: F36OSST

range: [1,2]

units: 1

unique values: 2

coded missing: 1 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 179 | 1 | NO |
| | 275 | 2 | YES |

F36INFL ----- SIGNS OF INFLAMMATION

type: numeric (float)

label: F36INFL

range: [1,2]

units: 1

unique values: 2

coded missing: 2 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 253 | 1 | NO |
| | 200 | 2 | YES |

F36EFF ----- EFFUSION

type: numeric (float)

label: F36EFF

range: [1,2]

units: 1

unique values: 2

coded missing: 3 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 331 | 1 | NO |
| | 121 | 2 | YES |

F36LIMIT ----- LIMITATION OF MOTION

type: numeric (float)

label: F36LIMIT

range: [1,2]

units: 1

unique values: 2

coded missing: 3 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 167 | 1 | NO |
| | 285 | 2 | YES |

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F36FIXED ----- FIXED DEFORMITY

type: numeric (float)
label: F36FIXED

range: [1,2] units: 1
unique values: 2 coded missing: 6 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 434 | 1 | NO |
| | 15 | 2 | YES |

F36OPHYS ----- OTHER PHYSICAL FINDINGS

type: numeric (float)
label: F36OPHYS

range: [1,2] units: 1
unique values: 2 coded missing: 5 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 331 | 1 | NO |
| | 119 | 2 | YES |

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F36CBCHB ----- CBC HB
 type: numeric (float)
 range: [4.1,73] units: .1
 unique values: 80 coded missing: 14 / 455
 mean: 8.95646
 std. dev: 3.45389
 percentiles: 10% 25% 50% 75% 90%
 6.9 7.9 8.6 9.7 11.1

F36CBCHC ----- CBC HCT
 type: numeric (float)
 range: [13.3,43] units: .1
 unique values: 177 coded missing: 13 / 455
 mean: 26.2989
 std. dev: 4.88594
 percentiles: 10% 25% 50% 75% 90%
 20.5 23.3 25.8 29.3 33

F36BCRB ----- CBC RBC
 type: numeric (float)
 range: [1.12,5.36] units: .01
 unique values: 209 coded missing: 54 / 455
 mean: 3.00145
 std. dev: .730214
 percentiles: 10% 25% 50% 75% 90%
 2.16 2.46 2.89 3.43 4.03

F36BCWB ----- CBC WBC
 type: numeric (float)
 range: [4.4,50] units: .1
 unique values: 202 coded missing: 14 / 455
 mean: 16.7961
 std. dev: 6.88442
 percentiles: 10% 25% 50% 75% 90%
 9.4 12.2 15.9 19.7 24.6

F36BCWB:
 1. Assumed to be 'uncorrected' in relation to nucleated RBCs.

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F36BCMV ----- CBC MCV
 type: numeric (float)
 range: [34,120] units: 1
 unique values: 54 coded missing: 37 / 455
 mean: 88.945
 std. dev: 10.6415
 percentiles: 10% 25% 50% 75% 90%
 75 82 89.5 96 101

F36DFPMN ----- DIFFERENTIAL PMN
 type: numeric (float)
 range: [16,92] units: 1
 unique values: 67 coded missing: 27 / 455
 mean: 60.8832
 std. dev: 14.5506
 percentiles: 10% 25% 50% 75% 90%
 40 51.5 62 71.5 79

F36DFBND ----- DIFFERENTIAL BANDS
 type: numeric (float)
 range: [0,42] units: 1
 unique values: 21 coded missing: 110 / 455
 mean: 3.16522
 std. dev: 4.6109
 percentiles: 10% 25% 50% 75% 90%
 0 0 2 4 9

F36DFEOS ----- DIFFERENTIAL EOSINOPHILS
 type: numeric (float)
 range: [0,22] units: 1
 unique values: 16 coded missing: 58 / 455
 mean: 1.79597
 std. dev: 2.64407
 percentiles: 10% 25% 50% 75% 90%
 0 0 1 2 5

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F36DFBAS ----- DIFFERENTIAL BASOPHILS

type: numeric (float)

range: [0,32] units: 1
unique values: 9 coded missing: 81 / 455

mean: .596257
std. dev: 2.21984

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 0 | 0 | 1 | 2 |

F36DFLYM ----- DIFFERENTIAL LYMPHOCYTES

type: numeric (float)

range: [0,71] units: 1
unique values: 64 coded missing: 30 / 455

mean: 27.1647
std. dev: 13.7507

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 11 | 17 | 25 | 35 | 46 |

F36DFMON ----- DIFFERENTIAL MONOCYTES

type: numeric (float)

range: [0,28] units: 1
unique values: 23 coded missing: 33 / 455

mean: 6.2346
std. dev: 4.60243

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 1 | 3 | 5 | 9 | 12 |

F36DFATC ----- DIFFERENTIAL ATYPICAL CELLS

type: numeric (float)

range: [0,14] units: 1
unique values: 11 coded missing: 84 / 455

mean: .385445
std. dev: 1.34956

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 0 | 0 | 0 | 1 |

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F36DFMM ----- DIFFERENTIAL METAMYELOCYTES|MYELOCYTES
 type: numeric (float)
 range: [0,10] units: 1
 unique values: 8 coded missing: 94 / 455
 mean: .315789
 std. dev: .977525
 percentiles: 10% 25% 50% 75% 90%
 0 0 0 0 1

F36NRB ----- NUCLEATED RED BLOOD CELLS
 type: numeric (float)
 range: [0,99] units: 1
 unique values: 35 coded missing: 45 / 455
 mean: 4.26098
 std. dev: 8.90112
 percentiles: 10% 25% 50% 75% 90%
 0 0 1 5 13

F36NRB:
 1. If value more than 100 nRBCs/100 WBCs, then value of 99 entered.

F36RETIC ----- RETICULOCYTES
 type: numeric (float)
 range: [0,40.6] units: .1
 unique values: 108 coded missing: 223 / 455
 mean: 10.8345
 std. dev: 8.26461
 percentiles: 10% 25% 50% 75% 90%
 2 4 9.1 16 22

F36BLDCL ----- BLOOD CULTURE
 type: numeric (float)
 label: F36BLDCL
 range: [1,2] units: 1
 unique values: 2 coded missing: 226 / 455
 tabulation: Freq. Numeric Label
 35 1 POSITIVE
 194 2 NEGATIVE

F36BLDCL:
 1. Required only if patient febrile.

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F36BLCL1 ----- BLOOD MICROBIOLOGY CULTURE

type: numeric (float)
range: [110,1200] units: 1
unique values: 10 coded missing: 420 / 455

| tabulation: | Freq. | Value |
|-------------|-------|-------|
| | 7 | 110 |
| | 3 | 120 |
| | 1 | 130 |
| | 1 | 170 |
| | 4 | 401 |
| | 10 | 404 |
| | 5 | 405 |
| | 2 | 408 |
| | 1 | 412 |
| | 1 | 1200 |

F36BLCL1:

1. Required only if patient febrile and F36BLDCL=1.
2. See Appendix H - PATHOGEN LIST.
3. 'Salmonella' alone was assigned a code of 404 since many forms did not specify the species (typhi/non-typhi).

F36BLCL2 ----- BLOOD MICROBIOLOGY CULTURE

type: numeric (float)
range: [.,.] units: .
unique values: 0 coded missing: 455 / 455

tabulation: Freq. Value

F36BLCL2:

1. Required only if patient febrile and F36BLDCL=1.
2. See Appendix H - PATHOGEN LIST.
3. 'Salmonella' alone was assigned a code of 404 since many forms did not specify the species (typhi/non-typhi).

F36BONE ----- BONE ASPIRATE

type: numeric (float)
label: F36BONE
range: [1,2] units: 1
unique values: 2 coded missing: 402 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|----------|
| | 20 | 1 | POSITIVE |
| | 33 | 2 | NEGATIVE |

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F36BONE1 ----- BONE ASPIRATE ORGANISM

type: numeric (float)
range: [110,9000] units: 1
unique values: 7 coded missing: 435 / 455

| tabulation: | Freq. | Value |
|-------------|-------|-------|
| | 6 | 110 |
| | 2 | 401 |
| | 4 | 404 |
| | 5 | 405 |
| | 1 | 408 |
| | 1 | 3100 |
| | 1 | 9000 |

F36BONE1:

1. Required only if F36BONE=1.
2. See Appendix H - PATHOGEN LIST.
3. 'Salmonella' alone was assigned a code of 404 since many forms did not specify the species (typhi/non-typhi).

F36BONE2 ----- BONE ASPIRATE ORGANISM

type: numeric (float)
range: [.,.] units: .
unique values: 0 coded missing: 455 / 455

tabulation: Freq. Value

F36BONE2:

1. Required only if F36BONE=1.
2. See Appendix H - PATHOGEN LIST.
3. 'Salmonella' alone was assigned a code of 404 since many forms did not specify the species (typhi/non-typhi).

F36XRAY ----- XRAY

type: numeric (float)
label: F36XRAY
range: [1,2] units: 1
unique values: 2 coded missing: 169 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|----------|
| | 172 | 1 | NORMAL |
| | 114 | 2 | ABNORMAL |

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F36JOINT ----- JOINT ASPIRATION

type: numeric (float)
label: F36JOINT

range: [1,2] units: 1
unique values: 2 coded missing: 374 / 455

tabulation: Freq. Numeric Label
42 1 NORMAL
39 2 ABNORMAL

F36JOINT:

1. Required only if effusion was present (F36EFF=2).

F36JOINF ----- JOINT FLUID

type: numeric (float)
label: F36JOINF

range: [1,2] units: 1
unique values: 2 coded missing: 371 / 455

tabulation: Freq. Numeric Label
16 1 POSITIVE
68 2 NEGATIVE

F36JNT1 ----- JOINT FLUID ORGANISM

type: numeric (float)

range: [110,9999] units: 1
unique values: 9 coded missing: 439 / 455

tabulation: Freq. Value
5 110
1 120
1 170
3 404
2 405
1 408
1 2200
1 3100
1 9999

F36JNT1:

1. See Appendix H - PATHOGEN LIST.
2. 'Salmonella' alone was assigned a code of 404 since many forms did not specify the species (typhi/non-typhi).
3. Required only if effusion was present (F36EFF=2) and F36JOINF=1.

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F36JNT2 ----- JOINT FLUID ORGANISM

type: numeric (float)
range: [401,3110] units: 1
unique values: 2 coded missing: 453 / 455

tabulation: Freq. Value
 1 401
 1 3110

F36JNT2:

1. See Appendix H - PATHOGEN LIST.
2. 'Salmonella' alone was assigned a code of 404 since many forms did not specify the species (typhi/non-typhi).
3. Required only if effusion was present (F36EFF=2) and F36JOINF=1.

F36JWBC ----- JOINT ASPIRATION WBC

type: numeric (float)
range: [0,85] units: .1
unique values: 37 coded missing: 415 / 455

mean: 16.0425
std. dev: 19.5768

percentiles: 10% 25% 50% 75% 90%
 .45 2.45 10.6 19.4 50.4

F36JWBC:

1. Required only if effusion was present (F36EFF=2).

F36MUCIN ----- JOINT ASPIRATION MUCIN CLOT

type: numeric (float)
label: F36MUCIN
range: [1,2] units: 1
unique values: 2 coded missing: 417 / 455

tabulation: Freq. Numeric Label
 34 1 NORMAL
 4 2 ABNORMAL

F36MUCIN:

1. Required only if effusion was present (F36EFF=2).

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F36URAC ----- URIC ACID CRYSTALS

type: numeric (float)
 label: F36URAC

range: [1,2] units: 1
 unique values: 2 coded missing: 410 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 2 | 1 | NO |
| | 43 | 2 | YES |

F36URAC:

1. Required only if effusion was present (F36EFF=2).

F36RED ----- RED

type: numeric (float)
 label: F36RED

range: [1,2] units: 1
 unique values: 2 coded missing: 396 / 455

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 20 | 1 | NO |
| | 39 | 2 | YES |

F36RED:

1. Required only if effusion was present (F36EFF=2).

F36URA ----- URIC ACID

type: numeric (float)

range: [1.3,15] units: .1
 unique values: 68 coded missing: 295 / 455

mean: 5.33875
 std. dev: 2.16728

| percentiles: | 10% | 25% | 50% | 75% | 90% |
|--------------|-----|-----|-----|-----|-----|
| | 3.3 | 3.9 | 4.8 | 6.3 | 8.2 |

F36URA:

1. Required only if there was joint involvement.

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F36HBS ----- HB S %

type: numeric (float)

range: [7,7]

units: 1

unique values: 1

coded missing: 454 / 455

tabulation: Freq. Value
 1 7

F36HBS:

1. Not entered on the database.

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F36FLOWS ----- NUMBER OF FLOWSHEETS

 type: numeric (float)

 range: [0,12] units: 1
unique values: 10 coded missing: 2 / 455

 tabulation: Freq. Value
 107 0
 308 1
 20 2
 5 3
 3 4
 4 5
 3 6
 1 8
 1 11
 1 12

F36FLOWS:

1. See section on computed variables.

F36FRM52 ----- IS THERE A 52 ON THE DATABASE

 type: numeric (float)

 range: [0,48] units: 1
unique values: 6 coded missing: 2 / 455

 tabulation: Freq. Value
 56 0
 32 30
 275 31
 1 32
 87 36
 2 48

F36FRM52:

1. See section on computed variables.

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F36DHOSP ----- NUMBER OF DAYS HOSPITALIZED

type: numeric (float)

range: [0,67] units: 1

unique values: 27 coded missing: 2 / 455

mean: 5.15011

std. dev: 6.38128

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 2 | 6 | 6 | 6 |

F36DHOSP:

1. See section on computed variables.

_dta:

1. Created 05/22/00.

- A. List of variables deleted **F31DATE F31INIT F31NDATE F31LASTU F31LASTE
F31ESTAT F31VDATE F31DTE1-F31DTE6 F31LDT1 F31LDT2 F31MDT1-
F31MD53 F31HMDT1-F31HMDT3 F31NOSYM**
- 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 **F31DATE F31NOSYM**
- H. New name **JF31DATE J31NOSYM**
- I. Collection Information:

Form 31 (Painful Episode/Skeletal & Joint Event Flow Sheet and Treatment Follow-up) was completed each time a Form 30 was completed and the patient was hospitalized or seen daily as an outpatient for a Painful Episode. Form 31 was also completed each time (After 10/01/80) that a Form 36 was completed and the patient was hospitalized or seen daily as an outpatient as the result of a Skeletal & Joint Event.

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The form contains daily and laboratory information from day 2 of hospitalization for the event, through discharge. Each Form 31 contains 6 days of hospital information, so consequently, multiple Form 31s can exist for a given event, dependent on length of stay or outpatient follow-up. Laboratory data are recorded every third hospital day (i.e., days 4, 7, 10, 13, etc.).

Treatment follow-up, medication, resolution of symptoms, and final diagnosis information is also recorded on this form.

J. Data Collection Period: 03/79 – 12/86

Form 31 was used between 03/01/79 and 05/17/82 to record painful episode follow-up (for Form 30 only). Between 10/01/80 and 05/31/86, it was also used to record skeletal and joint event follow-up (for Form 36) for the entire cohort and continued to be used through 12/86 for the infant cohort.

K. Form Version Dates: 03/01/79, 03/29/79, 05/02/79, 07/02/80

L. Files Used to Store Information:

SAS System File: **R31.SD2**

Format File: **R31.FMT**

M. Unique Record Identifiers: **ANONID, F31DATE, F31SHEET**

Records within the dataset are sorted by **ANONID, F31DATE, F31SHEET** (flow sheet number).

N. Number of Observations (Patients) in SAS Dataset: 4,944 (1,065)

O. Contents of SAS Dataset:

- Alphabetical Listing of Variables: See pp. 118-120
- Listing of Variables by Position: See pp. 121-123

P. Notes About Selected Variables:

- The following variables were not collected before 07/02/80, and consequently all follow-ups reported on versions before that date will contain missing values:
F31TRANS, F31XRAY, F31MCD1-F31MCD3, F31HMCD1-F31HMCD3,
F31MDT1-F31MDT3, F31HMDT1-F31HMDT3, F31MND1-F31MND3,

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**F31HMND1-F31HMND3, F31NOSYM, F31COMP, F31INBED, F31MSWRK,
F31DIAG1-F31DIAG5.**

These variables, however, are corollary to those that are collected on a Form 52 [See Section 7.10], and the missing information for versions before 07/02/80 can be filled in by linking to the appropriate Form 52, as indicated.

- **F31XRAY** – If Form 31 follow-up was being done for a Form 36, skeletal & joint event, then a follow-up x-ray, to be done 6 to 9 months after initial event, was to be recorded. Status of the original x-ray, taken upon admission for the skeletal & joint event is recorded in variable **F36XRAY** in SAS dataset **R36.SD2** (See Section 7.1.3).
- **F31DTE1-F31DTE6, F31LDTE1-F31LDTE2, F31MDT1-F31MDT3, F31HMDT1-F31HMDT3** – These data variables are recorded as four-digit integers composed of 2-digit month, 2-digit day of follow-up.
- **F31CBWB1, F31CBWB2** – is the CBC White Blood Cell Count variable assumed to be “uncorrected” in relation to nucleated red blood cells (RBCs). There is question as to whether clinics uniformly adhered to this recording policy, and there is no way of knowing whether the values recorded on the form are in fact uncorrected.
- **F31NRB1, F31NRB2** – is the Nucleated Red Blood Cell variable. The field length here is 2-digits. If there were more than 100 nRBCs/100 WBC, then a value of 99 is entered.
- **WBC Differential Variables** – When any of the following sets (**F31DPMN1, F31DBDN1, F31DEOS1, F31BAS1, F31DLYM1, F31DMON1, F31DATC1, F31DFMM1**) or (**F31DPMN2, F31DBDN2, F31DEOS2, F31BAS2, F31DLYM2, F31DMON2, F31DATC2, F31DFMM2**) are recorded, then the sum of the entire set should be 100.

Some of these variables are entered as missing, when the value in fact should be “0”. If the sum of the differential variables with non-missing values is 100, then the missing values among that sum are assumed to be “0”.

- **F31DIAG1-F31DIAG5** – The set up of the discharge box on the last page of Form 31 implies the following: that 1) it is filled out upon resolution of symptoms, and 2) that the variable **F31DIAG1** would correspond to Otitis, **F31DIAG2** to Pharyngitis, **F31DIAG3** to Gastroenteritis, etc. However, in truth, the final

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diagnosis indicators may have appeared only on a flow sheet earlier than complete resolution of symptoms, (that is, a **F31SHEET** number lower than the last one on the database for that **F31DATE**, and any and all of the diagnostic codes to any and all of the available variables were entered indiscriminately. Consequently, the easiest way of dealing with the final diagnosis variables is as a group, over all Form 31s completed for the given event date (**F31DATE**). If any of the **F31DIAG1-F31DIAG5** variables, on any of the sheets associated with a given event date is equal to a discrete ICD code, then assume the ICD corresponds to one of the disorders which constitute the final diagnosis.

Q. Computed Variables: None

R. Inter-Relationship with Other Datasets:

- Form 31 contains daily follow-up data for painful episode events reported on Form 30 (**R30.SD2**). Beginning 10/01/80, Form 31 was also used to record daily data for skeletal & joint events reported on Form 36 (**R36.SD2**).

In order to distinguish which originating form (Form 30 or Form 36) goes with the Form 31s at a given date, the following linking mechanism is used. "Record" 31 is linked to "Record 30" by id (**ANONID**) and date patient sought care (if **F30DATE=F31DATE**). "Record 31" is linked to "Record 36" by id (**ANONID**) and date patient sought care (if **F36DATE=F31DATE**).

The number of "Record 31s" which will link with any given "Record 30" or "Record 36" is dependent on the length of the hospitalization. If a patient was hospitalized (or seen daily as an outpatient) for 7 days or less, then only one "Record 31" should be in the dataset for the event (**F31SHEET=1**). If a patient was hospitalized for 8-13 days, two "Record 31s" should be in the dataset, (**F31SHEET=1** for days 2-7; **F31SHEET=2** for days 8-13), etc.

[See Sections 7.1.1 & 7.1.3]

- Pain Episode Treatment and Follow-up information was also collected on

| Phase 1 Forms | SAS Dataset |
|----------------------|--------------------|
| Form 52 | E. <u>R52.SD2</u> |

Form 52 is the Acute Event Treatment Follow-up form that was used to collect summary non-hospitalization information for pain episodes from 03/01/79 through 05/17/82. It does not record daily or laboratory data, since these are

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hospitalization values. However, the information it does collect on treatment, resolution of symptoms, and diagnosis is corollary to that collected on Form 31 for hospitalized events.

This form was used from the inception of the project to record follow-up information for all types of acute events. In order to link a specific “Record 30” with a “Record 52” the date patient first sought care is used. (i.e., **F52DATE=F30DATE**). When **F30FRM52=31** or **F30FRM52=33** in **R30.SD2**, then treatment information is not stored in **R52.SD2**, but rather in **R31.SD2** or **R33.SD2** respectively, and “Record 30” should be linked by date to “Record 31” or “Record 33” for treatment, resolution of symptoms, and diagnostic data. (e.g., if **F30FRM52=31**, then **F31DATE=F30DATE** or if **F30FRM52=33** then **F33DATE=F30DATE**).

- Skeletal & Joint Event Treatment Follow-up information was also collected on

| | |
|----------------------|----------------|
| Phase 1 Forms | F. <u>SAS</u> |
| | <u>Dataset</u> |
| Form 37 | R37.SD2 |
| Form 52 | R52.SD2 |

- a. Form 37 is the Skeletal & Joint Event Flow Sheet. Form 37 data are stored in **R37.SD2**. The form was completed (03/01/79 – 10/01/80) if the patient was either hospitalized or seen on a daily basis as an outpatient for a skeletal & joint event (See definition in Section 7.1.0).

It contains daily information from day 2 of hospitalization for the event, through discharge. Each “Record 37” contains 6 days of hospital information, so consequently, multiple “Record 37s” could exist for a given skeletal & joint event depending on length of stay.

“Record 37s” are sorted by **ANONID**, **F37DATE**, and **F37SHEET** (flow sheet number). Therefore, information for hospital days 2-7 should be on **F37SHEET=1**; days 8-13 on **F37SHEET=2**, etc.

- b. Form 52 is the Acute Event Treatment Follow-up form stored in **R52.SD2** that collects summary treatment information for skeletal & joint events from 03/01/79 through 12/31/86. It does not record daily or laboratory data, since these are hospitalization values. However, the information it does collect on treatment, resolution of symptoms, and diagnosis is corollary to that collected

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on Form 31 for hospitalized events. No such treatment information is included on Form 37s, so Form 52s at the same date as **F37DATE** must be queried to obtain this additional data.

This form was used from the inception of the project to record follow-up information for all types of acute events. In order to link a specific "Record" 36 with a "Record" 52 the date patient first sought care is used (i.e., **F52DATE=F36DATE**). When **F36FRM52=31** or **F36FRM52=33** then treatment information is not stored in **R52.SD2**, but rather in **R31.SD2** or **R33.SD2** respectively, and "Record 36" should be linked by date to "Record 31" or "Record 33" for treatment, resolution of symptoms, and diagnostic data. (e.g., if **F30FRM52=31** then **F31DATE=F36DATE** or if **F30FRM52=33** then **F33DATE=F36DATE**)

CONTENTS OF SAS DATASET: R31.SD2
DATA FROM CSSCD FORM 31 - PAINFUL EPISODE/ SKELETAL & JOINT EVENT
FLOW SHEET & TREATMENT FOLLOW-UP
VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION
IN THE SAS DATASET AND ON FORM 01

The CONTENTS Procedure

| Data Set Name | OUT1.R31 | Observations | 4944 |
|---------------|----------|--------------|------|
|---------------|----------|--------------|------|

SECTION 7.1.3 SKELETAL & JOINT EVENTS
FORM 36

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| | | | |
|---------------------|-----------------------------------|----------------------|-----|
| Member Type | DATA | Variables | 66 |
| Engine | V9 | Indexes | |
| Created | 16:17 Thursday, November 16, 2006 | Observation Length | 528 |
| Last Modified | 16:17 Thursday, November 16, 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 | 16384 |
| Number of Data Set Pages | 166 |
| First Data Page | 1 |
| Max Obs per Page | 30 |
| Obs in First Data Page | 14 |
| Number of Data Set Repairs | 0 |
| File Name | O:\decastat\EBP\CSSCD\Phase 1 LAD DEV\sd2anon\r31.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 # |
| 15 | F31CBHB1 | Num | 8 | CBC HB G DL |
| 16 | F31CBHB2 | Num | 8 | CBC HB G DL |
| 17 | F31CBHC1 | Num | 8 | CBC HCT % |
| 18 | F31CBHC2 | Num | 8 | CBC HCT % |
| 19 | F31CBWB1 | Num | 8 | CBC WBC X10NINTH L |
| 20 | F31CBWB2 | Num | 8 | CBC WBC X10NINTH L |
| 57 | F31COMP | Num | 8 | COMPLICATIONS FROM TREATMENT |
| 33 | F31DATC1 | Num | 8 | DIFFERENTIAL ATYPICAL CELLS |
| 34 | F31DATC2 | Num | 8 | DIFFERENTIAL ATYPICAL CELLS |
| 27 | F31DBAS1 | Num | 8 | DIFFERENTIAL BASOPHILS |
| 28 | F31DBAS2 | Num | 8 | DIFFERENTIAL BASOPHILS |
| 23 | F31DBDN1 | Num | 8 | DIFFERENTIAL BANDS |
| 24 | F31DBDN2 | Num | 8 | DIFFERENTIAL BANDS |
| 25 | F31DEOS1 | Num | 8 | DIFFERENTIAL EOSINOPHILS |
| 26 | F31DEOS2 | Num | 8 | DIFFERENTIAL EOSINOPHILS |
| 35 | F31DFMM1 | Num | 8 | DIFFERENTIAL |
| METAMYELOCYTES MYCLOCYTES | | | | |
| 36 | F31DFMM2 | Num | 8 | DIFFERENTIAL |
| METAMYELOCYTES MYCLOCYTES | | | | |
| 60 | F31DIAG1 | Num | 8 | ICDA CODE OF FINAL DIAGNOSIS |
| 61 | F31DIAG2 | Num | 8 | ICDA CODE OF FINAL DIAGNOSIS |
| 62 | F31DIAG3 | Num | 8 | ICDA CODE OF FINAL DIAGNOSIS |
| 63 | F31DIAG4 | Num | 8 | ICDA CODE OF FINAL DIAGNOSIS |
| 64 | F31DIAG5 | Num | 8 | ICDA CODE OF FINAL DIAGNOSIS |
| 29 | F31DLYM1 | Num | 8 | DIFFERENTIAL LYMPHOCYTES |
| 30 | F31DLYM2 | Num | 8 | DIFFERENTIAL LYMPHOCYTES |
| 31 | F31DMON1 | Num | 8 | DIFFERENTIAL MONOCYTES |

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| | | | | |
|-----------|----------|-----|---|--------------------------------------|
| 32 | F31DMON2 | Num | 8 | DIFFERENTIAL MONOCYTES |
| 21 | F31DPMN1 | Num | 8 | DIFFERENTIAL PMN |
| 22 | F31DPMN2 | Num | 8 | DIFFERENTIAL PMN |
| 48 | F31HMCD1 | Num | 8 | HOME MEDICATION CODE |
| 49 | F31HMCD2 | Num | 8 | HOME MEDICATION CODE |
| 50 | F31HMCD3 | Num | 8 | HOME MEDICATION CODE |
| 54 | F31HMND1 | Num | 8 | HOME NUMBER DAYS |
| 55 | F31HMND2 | Num | 8 | HOME NUMBER DAYS |
| 56 | F31HMND3 | Num | 8 | HOME NUMBER DAYS |
| 58 | F31INBED | Num | 8 | # OF DAYS STAYED IN BED |
| 45 | F31MCD1 | Num | 8 | MEDICATION CODE |
| 46 | F31MCD2 | Num | 8 | MEDICATION CODE |
| 47 | F31MCD3 | Num | 8 | MEDICATION CODE |
| 51 | F31MND1 | Num | 8 | NUMBER DAYS |
| 52 | F31MND2 | Num | 8 | NUMBER DAYS |
| 53 | F31MND3 | Num | 8 | NUMBER DAYS |
| 59 | F31MSWRK | Num | 8 | # OF DAYS MISSED SCHOOL OR WORK |
| 37 | F31NRB1 | Num | 8 | NUCLEATED RBC |
| 38 | F31NRB2 | Num | 8 | NUCLEATED RBC |
| 39 | F31PLAT1 | Num | 8 | PLATELET COUNT |
| 40 | F31PLAT2 | Num | 8 | PLATELET COUNT |
| 9 | F31PROB1 | Num | 8 | TYPE OF PROBLEM |
| 10 | F31PROB2 | Num | 8 | TYPE OF PROBLEM |
| 11 | F31PROB3 | Num | 8 | TYPE OF PROBLEM |
| 12 | F31PROB4 | Num | 8 | TYPE OF PROBLEM |
| 13 | F31PROB5 | Num | 8 | TYPE OF PROBLEM |
| 14 | F31PROB6 | Num | 8 | TYPE OF PROBLEM |
| 41 | F31RETC1 | Num | 8 | RETICULOCYTE COUNT |
| 42 | F31RETC2 | Num | 8 | RETICULOCYTE COUNT |
| 2 | F31SHEET | Num | 8 | SHEET NUMBER |
| 3 | F31TMP1 | Num | 8 | TEMPERATURE |
| 4 | F31TMP2 | Num | 8 | TEMPERATURE |
| 5 | F31TMP3 | Num | 8 | TEMPERATURE |
| 6 | F31TMP4 | Num | 8 | TEMPERATURE |
| 7 | F31TMP5 | Num | 8 | TEMPERATURE |
| 8 | F31TMP6 | Num | 8 | TEMPERATURE |
| 43 | F31TRANS | Num | 8 | TRANSFUSED? |
| 44 | F31XRAY | Num | 8 | FOLLOW-UP X-RAY |
| 66 | J31NOSYM | Num | 8 | DATE SYMPTOMS GONE - RECODE DAYS |
| SINCE DOE | | | | |
| 65 | JF31DATE | Num | 8 | DATE FIRST SOUGHT CARE - RECODE DAYS |
| SINCE DOE | | | | |

 * R31.FMT contains value labels for numerical codes assigned to
 categorical*
 * variables in the SAS dataset R31.SD2
 *

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****;

* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD 01/31/99 12:46:33;

PROC FORMAT;

* FORMAT F31PROBX used for the following variables: F31PROB1 F31PROB2
F31PROB3 F31PROB4
F31PROB5 F31PROB6;

VALUE F31PROBX

| | | |
|---|---|---------------------|
| 1 | = | 'PAIN (1)' |
| 2 | = | 'TENDERNESS (2)' |
| 4 | = | 'DEC. FUNCTION (4)' |
| 7 | = | 'ALL 3 (7)' |
| 0 | = | 'NONE (0)'; |

* FORMAT NO_YES used for the following variables: F31TRANS F31COMP;

VALUE NO_YES

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

VALUE F31XRAY

| | | |
|---|---|-------------|
| 1 | = | 'NORMAL' |
| 2 | = | 'ABNORMAL'; |

* FORMAT HEALTH used for the following variables: F31INBED F31MSWRK;

VALUE HEALTH

| | | |
|----|---|------------------|
| -2 | = | 'NA' |
| -3 | = | 'NO' |
| -4 | = | 'NOT FILLED IN'; |

* FORMAT

F31PROB1 F31PROB2
F31PROB3 F31PROB4
F31PROB5 F31PROB6 F31PROBX.
F31TRANS F31COMP NO_YES.
F31XRAY F31XRAY.
F31INBED F31MSWRK HEALTH.;

RUN;
QUIT;

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F31TMP5 ----- TEMPERATURE

```

      type: numeric (float)

      range: [3.7,99]           units: .1
unique values: 49             coded missing: 2243 / 4944

      mean: 37.5311
      std. dev: 1.66081

percentiles:    10%    25%    50%    75%    90%
                36.8    37     37.4    37.9    38.6
  
```

F31TMP6 ----- TEMPERATURE

```

      type: numeric (float)

      range: [3.7,40.6]        units: .1
unique values: 49             coded missing: 2783 / 4944

      mean: 37.4539
      std. dev: 1.06253

percentiles:    10%    25%    50%    75%    90%
                36.8    37     37.3    37.8    38.4
  
```

F31PROB1 ----- TYPE OF PROBLEM

```

      type: numeric (float)
      label: F31PROB1

      range: [0,7]           units: 1
unique values: 8             coded missing: 10 / 4944

      tabulation: Freq.  Numeric  Label
                  553      0  NONE (0)
                  1344     1  PAIN (1)
                   81      2  TENDERNESS (2)
                  1185     3
                   14      4  DEC. FUNCTION (4)
                   331     5
                   24      6
                  1402     7  ALL 3 (7)
  
```

F31PROB1:

1. Binary coded variable. See Part II for explanation of binary coded variables.

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F31PROB2 ----- TYPE OF PROBLEM

type: numeric (float)
label: F31PROB2

range: [0,7] units: 1
unique values: 8 coded missing: 20 / 4944

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------------------|
| | 1089 | 0 | NONE (0) |
| | 1267 | 1 | PAIN (1) |
| | 100 | 2 | TENDERNESS (2) |
| | 999 | 3 | |
| | 19 | 4 | DEC. FUNCTION (4) |
| | 263 | 5 | |
| | 28 | 6 | |
| | 1159 | 7 | ALL 3 (7) |

F31PROB2:

1. Binary coded variable. See Part II for explanation of binary coded variables.

F31PROB3 ----- TYPE OF PROBLEM

type: numeric (float)
label: F31PROB3

range: [0,7] units: 1
unique values: 8 coded missing: 49 / 4944

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------------------|
| | 1670 | 0 | NONE (0) |
| | 1232 | 1 | PAIN (1) |
| | 87 | 2 | TENDERNESS (2) |
| | 797 | 3 | |
| | 28 | 4 | DEC. FUNCTION (4) |
| | 215 | 5 | |
| | 24 | 6 | |
| | 842 | 7 | ALL 3 (7) |

F31PROB3:

1. Binary coded variable. See Part II for explanation of binary coded variables.

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F31PROB4 ----- TYPE OF PROBLEM

type: numeric (float)

label: F31PROB4

range: [0,7] units: 1
unique values: 8 coded missing: 71 / 4944

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------------------|
| | 2280 | 0 | NONE (0) |
| | 1020 | 1 | PAIN (1) |
| | 83 | 2 | TENDERNESS (2) |
| | 645 | 3 | |
| | 25 | 4 | DEC. FUNCTION (4) |
| | 173 | 5 | |
| | 29 | 6 | |
| | 618 | 7 | ALL 3 (7) |

F31PROB4:

1. Binary coded variable. See Part II for explanation of binary coded variables.

F31PROB5 ----- TYPE OF PROBLEM

type: numeric (float)

label: F31PROB5

range: [0,7] units: 1
unique values: 8 coded missing: 97 / 4944

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------------------|
| | 2846 | 0 | NONE (0) |
| | 790 | 1 | PAIN (1) |
| | 76 | 2 | TENDERNESS (2) |
| | 500 | 3 | |
| | 14 | 4 | DEC. FUNCTION (4) |
| | 126 | 5 | |
| | 26 | 6 | |
| | 469 | 7 | ALL 3 (7) |

F31PROB5:

1. Binary coded variable. See Part II for explanation of binary coded variables.

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F31CBHB1 ----- CBC HB G|DL

type: numeric (float)

range: [.8,16.4] units: .1
unique values: 113 coded missing: 1159 / 4944

mean: 8.68729
std. dev: 1.79989

| | | | | | |
|--------------|-----|-----|-----|-----|------|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 6.6 | 7.5 | 8.5 | 9.7 | 11.1 |

F31CBHB2 ----- CBC HB G|DL

type: numeric (float)

range: [2.9,34] units: .1
unique values: 105 coded missing: 2960 / 4944

mean: 8.59682
std. dev: 1.89339

| | | | | | |
|--------------|-----|-----|-----|-----|------|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 6.5 | 7.3 | 8.4 | 9.6 | 11.1 |

F31CBHC1 ----- CBC HCT %

type: numeric (float)

range: [2.8,47.9] units: .1
unique values: 303 coded missing: 1140 / 4944

mean: 25.7517
std. dev: 5.46404

| | | | | | |
|--------------|------|-----|------|------|------|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 19.4 | 22 | 25.1 | 28.8 | 33.1 |

F31CBHC2 ----- CBC HCT %

type: numeric (float)

range: [8.9,43.8] units: .1
unique values: 265 coded missing: 2954 / 4944

mean: 25.4913
std. dev: 5.321

| | | | | | |
|--------------|------|------|------|------|------|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 19.2 | 21.9 | 24.9 | 28.6 | 32.9 |

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F31CBWB1 ----- CBC WBC X10NINTH|L

type: numeric (float)

range: [2.6,99.9] units: .1
unique values: 310 coded missing: 1190 / 4944

mean: 14.3915
std. dev: 6.00838

| | | | | | |
|--------------|-----|------|------|------|------|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 8 | 10.3 | 13.6 | 17.5 | 21.6 |

F31CBWB2 ----- CBC WBC X10NINTH|L

type: numeric (float)

range: [1,68.8] units: .1
unique values: 252 coded missing: 2988 / 4944

mean: 13.5689
std. dev: 5.36781

| | | | | | |
|--------------|-----|-----|------|------|------|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 7.9 | 10 | 12.7 | 16.2 | 20.2 |

F31DPMN1 ----- DIFFERENTIAL PMN

type: numeric (float)

range: [0,98] units: 1
unique values: 90 coded missing: 1462 / 4944

mean: 59.1786
std. dev: 14.595

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 40 | 50 | 60 | 70 | 77 |

F31DPMN2 ----- DIFFERENTIAL PMN

type: numeric (float)

range: [0,97] units: 1
unique values: 80 coded missing: 3160 / 4944

mean: 58.4204
std. dev: 14.0064

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 40 | 50 | 59 | 68 | 76 |

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F31DBDN1 ----- DIFFERENTIAL BANDS

type: numeric (float)

range: [0,33] units: 1
unique values: 28 coded missing: 3020 / 4944

mean: 2.60499
std. dev: 3.45928

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 0 | 1 | 4 | 7 |

F31DBDN2 ----- DIFFERENTIAL BANDS

type: numeric (float)

range: [0,28] units: 1
unique values: 24 coded missing: 3959 / 4944

mean: 2.7198
std. dev: 3.6124

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 0 | 2 | 4 | 7 |

F31DEOS1 ----- DIFFERENTIAL EOSINOPHILS

type: numeric (float)

range: [0,42] units: 1
unique values: 28 coded missing: 1572 / 4944

mean: 2.9745
std. dev: 3.48016

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 0 | 2 | 4 | 7 |

F31DEOS2 ----- DIFFERENTIAL EOSINOPHILS

type: numeric (float)

range: [0,37] units: 1
unique values: 28 coded missing: 3213 / 4944

mean: 3.52802
std. dev: 3.86547

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 1 | 2 | 5 | 8 |

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F31DBAS1 ----- DIFFERENTIAL BASOPHILS

type: numeric (float)

range: [0,34] units: 1
unique values: 14 coded missing: 1784 / 4944

mean: .446835
std. dev: 1.13773

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 0 | 0 | 1 | 1 |

F31DBAS2 ----- DIFFERENTIAL BASOPHILS

type: numeric (float)

range: [0,39] units: 1
unique values: 13 coded missing: 3343 / 4944

mean: .539663
std. dev: 1.77407

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 0 | 0 | 1 | 2 |

F31DLYM1 ----- DIFFERENTIAL LYMPHOCYTES

type: numeric (float)

range: [0,89] units: 1
unique values: 78 coded missing: 1491 / 4944

mean: 27.2059
std. dev: 12.7519

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 12 | 18 | 25 | 35 | 45 |

F31DLYM2 ----- DIFFERENTIAL LYMPHOCYTES

type: numeric (float)

range: [0,79] units: 1
unique values: 70 coded missing: 3195 / 4944

mean: 27.3671
std. dev: 12.2851

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 12 | 18 | 26 | 35 | 44 |

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F31DMON1 ----- DIFFERENTIAL MONOCYTES

type: numeric (float)

range: [0,48] units: 1
unique values: 31 coded missing: 1550 / 4944

mean: 7.35916
std. dev: 4.63209

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 2 | 4 | 7 | 10 | 14 |

F31DMON2 ----- DIFFERENTIAL MONOCYTES

type: numeric (float)

range: [0,60] units: 1
unique values: 28 coded missing: 3221 / 4944

mean: 7.43297
std. dev: 4.67212

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 2 | 4 | 7 | 10 | 13 |

F31DATC1 ----- DIFFERENTIAL ATYPICAL CELLS

type: numeric (float)

range: [0,43] units: 1
unique values: 17 coded missing: 1868 / 4944

mean: .344928
std. dev: 1.40603

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 0 | 0 | 0 | 1 |

F31DATC2 ----- DIFFERENTIAL ATYPICAL CELLS

type: numeric (float)

range: [0,33] units: 1
unique values: 13 coded missing: 3384 / 4944

mean: .369231
std. dev: 1.4428

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 0 | 0 | 0 | 1 |

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F31DFMM1 ----- DIFFERENTIAL METAMYELOCYTES|MYCLOCYTES

type: numeric (float)

range: [0,12] units: 1
unique values: 13 coded missing: 1894 / 4944

mean: .221311
std. dev: .881577

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 0 | 0 | 0 | 1 |

F31DFMM2 ----- DIFFERENTIAL METAMYELOCYTES|MYCLOCYTES

type: numeric (float)

range: [0,10] units: 1
unique values: 11 coded missing: 3417 / 4944

mean: .206287
std. dev: .836589

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 0 | 0 | 0 | 0 |

F31NRB1 ----- NUCLEATED RBC

type: numeric (float)

range: [0,99] units: 1
unique values: 74 coded missing: 1636 / 4944

mean: 4.6445
std. dev: 11.7599

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 0 | 0 | 4 | 13 |

F31NRB2 ----- NUCLEATED RBC

type: numeric (float)

range: [0,99] units: 1
unique values: 61 coded missing: 3269 / 4944

mean: 4.39881
std. dev: 11.9981

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 0 | 0 | 0 | 3 | 11 |

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F31PLAT1 ----- PLATELET COUNT

type: numeric (float)

range: [0,1582] units: 1
unique values: 717 coded missing: 2457 / 4944

mean: 418.657
std. dev: 193.649

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 201 | 288 | 393 | 517 | 670 |

F31PLAT2 ----- PLATELET COUNT

type: numeric (float)

range: [0,1560] units: 1
unique values: 571 coded missing: 3696 / 4944

mean: 437.31
std. dev: 210.169

| | | | | | |
|--------------|-----|-----|-----|-------|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 205 | 295 | 402 | 550.5 | 700 |

F31RETC1 ----- RETICULOCYTE COUNT

type: numeric (float)

range: [0,88] units: .1
unique values: 372 coded missing: 1736 / 4944

mean: 12.7053
std. dev: 9.30883

| | | | | | |
|--------------|-----|-----|------|------|------|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 3 | 6 | 10.6 | 17.2 | 24.6 |

F31RETC2 ----- RETICULOCYTE COUNT

type: numeric (float)

range: [0,75] units: .1
unique values: 304 coded missing: 3285 / 4944

mean: 11.9112
std. dev: 9.01175

| | | | | | |
|--------------|-----|-----|-----|------|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 2.8 | 5.6 | 10 | 16.1 | 24 |

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CSSCD FULL COHORT PATIENTS

F31TRANS ----- TRANSFUSED?

type: numeric (float)

label: F31TRANS

range: [1,2]

units: 1

unique values: 2

coded missing: 1266 / 4944

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 2964 | 1 | NO |
| | 714 | 2 | YES |

F31TRANS:

1. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

F31XRAY ----- FOLLOW-UP X-RAY

type: numeric (float)

label: F31XRAY

range: [.,.]

units: .

unique values: 0

coded missing: 4944 / 4944

tabulation: Freq. Numeric Label

F31XRAY:

1. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.
2. Limited to patients who were followed due to a skeletal & joint event(s).

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F31MCD1 ----- MEDICATION CODE

type: numeric (float)

range: [0,999] units: 1
 unique values: 85 coded missing: 1971 / 4944

tabulation:

| Freq. | Value | Freq. | Value | Freq. | Value |
|-------|-------|-------|-------|-------|-------|
| 3 | 0 | 1 | 181 | 13 | 375 |
| 1 | 3 | 3 | 191 | 1 | 379 |
| 6 | 6 | 18 | 192 | 1 | 380 |
| 18 | 7 | 1 | 217 | 4 | 382 |
| 1 | 11 | 1 | 222 | 1 | 391 |
| 2 | 25 | 1 | 231 | 1 | 394 |
| 29 | 28 | 9 | 249 | 1 | 430 |
| 1 | 33 | 1 | 256 | 1 | 431 |
| 1 | 41 | 1 | 259 | 4 | 449 |
| 10 | 44 | 1 | 275 | 1 | 452 |
| 1 | 46 | 4 | 279 | 195 | 480 |
| 1 | 56 | 1 | 280 | 164 | 481 |
| 2 | 71 | 1 | 286 | 1 | 484 |
| 1 | 92 | 3 | 323 | 2 | 487 |
| 1 | 94 | 14 | 328 | 1 | 512 |
| 1 | 106 | 4 | 331 | 7 | 516 |
| 1 | 124 | 15 | 336 | 7 | 519 |
| 90 | 126 | 227 | 337 | 1 | 531 |
| 1 | 127 | 4 | 338 | 1 | 533 |
| 5 | 128 | 3 | 339 | 1 | 536 |
| 1 | 144 | 1 | 346 | 4 | 537 |
| 1 | 156 | 1 | 355 | 1 | 550 |
| 2 | 159 | 3 | 361 | 5 | 553 |
| 4 | 160 | 1 | 367 | 3 | 563 |
| 5 | 161 | 2 | 369 | 1 | 981 |
| 8 | 170 | 1 | 370 | 6 | 998 |
| 1978 | 171 | 2 | 371 | 25 | 999 |
| 3 | 175 | 1 | 373 | | |
| 3 | 177 | 14 | 374 | | |

F31MCD1:

1. See Appendix D - CODED DRUG LIST.
2. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

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CSSCD FULL COHORT PATIENTS

F31MCD2 ----- MEDICATION CODE

type: numeric (float)

range: [0,999]

units: 1

unique values: 107

coded missing: 2692 / 4944

tabulation:

| Freq. | Value | Freq. | Value | Freq. | Value |
|-------|-------|-------|-------|-------|-------|
| 3 | 0 | 4 | 231 | 3 | 449 |
| 1 | 2 | 1 | 240 | 1 | 464 |
| 13 | 3 | 1 | 244 | 1 | 471 |
| 8 | 6 | 16 | 249 | 201 | 480 |
| 57 | 7 | 1 | 259 | 200 | 481 |
| 1 | 21 | 1 | 267 | 4 | 484 |
| 4 | 25 | 1 | 270 | 1 | 486 |
| 34 | 28 | 1 | 275 | 1 | 491 |
| 2 | 41 | 149 | 279 | 1 | 501 |
| 15 | 44 | 1 | 282 | 1 | 504 |
| 3 | 45 | 17 | 286 | 1 | 509 |
| 2 | 46 | 1 | 308 | 2 | 512 |
| 1 | 56 | 1 | 319 | 2 | 514 |
| 1 | 57 | 34 | 328 | 48 | 516 |
| 3 | 59 | 5 | 336 | 487 | 519 |
| 1 | 78 | 67 | 337 | 1 | 521 |
| 1 | 82 | 9 | 338 | 6 | 522 |
| 1 | 88 | 1 | 339 | 1 | 525 |
| 1 | 101 | 7 | 344 | 3 | 537 |
| 1 | 106 | 7 | 361 | 1 | 541 |
| 97 | 126 | 1 | 362 | 4 | 542 |
| 3 | 127 | 6 | 369 | 1 | 545 |
| 1 | 128 | 1 | 370 | 11 | 553 |
| 1 | 130 | 5 | 371 | 1 | 554 |
| 1 | 137 | 1 | 372 | 1 | 557 |
| 4 | 156 | 33 | 374 | 1 | 559 |
| 1 | 157 | 32 | 375 | 8 | 563 |
| 1 | 158 | 1 | 377 | 1 | 570 |
| 5 | 159 | 1 | 379 | 1 | 571 |
| 1 | 161 | 6 | 381 | 13 | 579 |
| 217 | 171 | 280 | 382 | 1 | 591 |
| 1 | 179 | 1 | 384 | 1 | 703 |
| 3 | 180 | 1 | 391 | 1 | 991 |
| 1 | 191 | 1 | 411 | 11 | 998 |
| 15 | 192 | 1 | 428 | 25 | 999 |
| 3 | 230 | 1 | 448 | | |

F31MCD2:

1. See Appendix D - CODED DRUG LIST.
2. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

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CSSCD FULL COHORT PATIENTS

F31MCD3 ----- MEDICATION CODE

 type: numeric (float)

 range: [0,999]
unique values: 94

 units: 1
 coded missing: 3901 / 4944

tabulation:

| Freq. | Value | Freq. | Value | Freq. | Value |
|-------|-------|-------|-------|-------|-------|
| 1 | 0 | 1 | 222 | 22 | 382 |
| 4 | 3 | 1 | 225 | 3 | 404 |
| 10 | 6 | 1 | 226 | 1 | 435 |
| 36 | 7 | 1 | 230 | 4 | 449 |
| 1 | 9 | 1 | 231 | 1 | 463 |
| 6 | 25 | 2 | 243 | 2 | 464 |
| 31 | 28 | 1 | 244 | 131 | 480 |
| 1 | 31 | 46 | 249 | 221 | 481 |
| 1 | 41 | 8 | 279 | 9 | 484 |
| 5 | 44 | 6 | 286 | 1 | 486 |
| 5 | 59 | 1 | 287 | 1 | 511 |
| 1 | 74 | 3 | 298 | 2 | 515 |
| 7 | 78 | 1 | 300 | 21 | 516 |
| 2 | 101 | 1 | 316 | 40 | 519 |
| 2 | 102 | 1 | 319 | 2 | 521 |
| 1 | 106 | 1 | 324 | 5 | 522 |
| 1 | 107 | 20 | 328 | 4 | 537 |
| 1 | 120 | 1 | 329 | 2 | 539 |
| 1 | 121 | 3 | 332 | 4 | 541 |
| 1 | 124 | 1 | 336 | 1 | 542 |
| 56 | 126 | 28 | 337 | 1 | 553 |
| 1 | 127 | 8 | 338 | 1 | 554 |
| 2 | 128 | 1 | 341 | 1 | 559 |
| 4 | 137 | 1 | 344 | 1 | 562 |
| 2 | 156 | 1 | 361 | 4 | 563 |
| 4 | 159 | 5 | 369 | 1 | 575 |
| 6 | 160 | 2 | 370 | 2 | 579 |
| 3 | 161 | 8 | 371 | 1 | 875 |
| 98 | 171 | 2 | 372 | 6 | 998 |
| 1 | 175 | 25 | 374 | 19 | 999 |
| 3 | 191 | 33 | 375 | | |
| 14 | 192 | 2 | 379 | | |

F31MCD3:

1. See Appendix D - CODED DRUG LIST.
2. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

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CSSCD FULL COHORT PATIENTS

F31HMCD1 ----- HOME MEDICATION CODE

 type: numeric (float)

 range: [0,999] units: 1
 unique values: 79 coded missing: 3355 / 4944

tabulation:

| Freq. | Value | Freq. | Value |
|-------|-------|-------|-------|
| 2 | 0 | 33 | 249 |
| 1 | 2 | 5 | 286 |
| 3 | 3 | 1 | 298 |
| 9 | 6 | 1 | 316 |
| 72 | 7 | 17 | 328 |
| 1 | 19 | 1 | 330 |
| 2 | 21 | 1 | 334 |
| 22 | 25 | 2 | 337 |
| 1 | 26 | 6 | 338 |
| 22 | 28 | 1 | 361 |
| 4 | 44 | 2 | 367 |
| 2 | 45 | 7 | 369 |
| 1 | 48 | 11 | 371 |
| 1 | 59 | 75 | 374 |
| 1 | 77 | 135 | 375 |
| 4 | 78 | 2 | 379 |
| 1 | 101 | 2 | 382 |
| 1 | 102 | 2 | 391 |
| 1 | 121 | 1 | 397 |
| 84 | 126 | 1 | 429 |
| 3 | 127 | 1 | 430 |
| 1 | 128 | 1 | 439 |
| 1 | 137 | 15 | 449 |
| 2 | 157 | 1 | 463 |
| 2 | 158 | 109 | 480 |
| 3 | 159 | 562 | 481 |
| 20 | 160 | 1 | 482 |
| 4 | 161 | 1 | 512 |
| 2 | 162 | 1 | 515 |
| 1 | 170 | 21 | 516 |
| 217 | 171 | 5 | 519 |
| 4 | 191 | 15 | 522 |
| 20 | 192 | 3 | 537 |
| 1 | 221 | 4 | 539 |
| 2 | 222 | 1 | 559 |
| 2 | 231 | 1 | 562 |
| 1 | 240 | 1 | 578 |
| 3 | 243 | 2 | 998 |
| 2 | 244 | 11 | 999 |
| 1 | 245 | | |

F31HMCD1:

1. See Appendix D - CODED DRUG LIST.
2. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

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CSSCD FULL COHORT PATIENTS

F31HMCD2 ----- HOME MEDICATION CODE

type: numeric (float)

range: [0,999]

units: 1

unique values: 62

coded missing: 4632 / 4944

tabulation:

| Freq. | Value | Freq. | Value |
|-------|-------|-------|-------|
| 1 | 0 | 1 | 298 |
| 3 | 3 | 1 | 316 |
| 1 | 6 | 8 | 328 |
| 2 | 19 | 1 | 338 |
| 1 | 20 | 1 | 341 |
| 3 | 25 | 1 | 344 |
| 2 | 28 | 1 | 361 |
| 1 | 41 | 5 | 369 |
| 1 | 56 | 6 | 371 |
| 5 | 59 | 2 | 372 |
| 2 | 98 | 12 | 374 |
| 1 | 99 | 17 | 375 |
| 1 | 111 | 3 | 382 |
| 34 | 126 | 1 | 391 |
| 1 | 127 | 2 | 404 |
| 1 | 128 | 1 | 439 |
| 6 | 160 | 1 | 448 |
| 1 | 170 | 2 | 449 |
| 14 | 171 | 38 | 480 |
| 1 | 191 | 22 | 481 |
| 4 | 192 | 3 | 484 |
| 1 | 230 | 1 | 512 |
| 2 | 231 | 3 | 516 |
| 2 | 240 | 15 | 519 |
| 1 | 243 | 1 | 522 |
| 47 | 249 | 1 | 545 |
| 1 | 267 | 1 | 554 |
| 1 | 275 | 2 | 559 |
| 2 | 279 | 1 | 579 |
| 3 | 286 | 1 | 998 |
| 1 | 287 | 10 | 999 |

F31HMCD2:

1. See Appendix D - CODED DRUG LIST.
2. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

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CSSCD FULL COHORT PATIENTS

F31HMCD3 ----- HOME MEDICATION CODE

type: numeric (float)

range: [28,999] units: 1
unique values: 31 coded missing: 4889 / 4944

tabulation:

| Freq. | Value | Freq. | Value |
|-------|-------|-------|-------|
| 1 | 28 | 1 | 338 |
| 2 | 46 | 1 | 369 |
| 1 | 59 | 1 | 371 |
| 1 | 102 | 2 | 372 |
| 1 | 111 | 3 | 374 |
| 3 | 126 | 3 | 375 |
| 2 | 131 | 1 | 449 |
| 1 | 161 | 4 | 480 |
| 1 | 170 | 3 | 481 |
| 1 | 171 | 2 | 484 |
| 1 | 181 | 1 | 507 |
| 1 | 191 | 1 | 521 |
| 1 | 192 | 1 | 559 |
| 1 | 226 | 1 | 579 |
| 9 | 249 | 2 | 999 |
| 1 | 325 | | |

F31HMCD3:

1. See Appendix D - CODED DRUG LIST.
2. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

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CSSCD FULL COHORT PATIENTS

F31MND1 ----- NUMBER DAYS

type: numeric (float)

range: [0,99] units: 1

unique values: 52 coded missing: 1964 / 4944

mean: 7.03691

std. dev: 12.9729

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 1 | 2 | 4 | 7 | 11 |

F31MND1:

1. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

F31MND2 ----- NUMBER DAYS

type: numeric (float)

range: [0,99] units: 1

unique values: 40 coded missing: 2664 / 4944

mean: 6.38114

std. dev: 12.6992

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 1 | 2 | 4 | 6 | 10 |

F31MND2:

1. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

F31MND3 ----- NUMBER DAYS

type: numeric (float)

range: [0,99] units: 1

unique values: 29 coded missing: 3899 / 4944

mean: 4.84593

std. dev: 10.2502

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 1 | 1 | 3 | 5 | 9 |

F31MND3:

1. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

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CSSCD FULL COHORT PATIENTS

F31HMND1 ----- HOME NUMBER DAYS

type: numeric (float)

range: [0,99]

units: 1

unique values: 26

coded missing: 3501 / 4944

mean: 50.1102

std. dev: 46.2004

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 2 | 5 | 20 | 99 | 99 |

F31HMND1:

1. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

F31HMND2 ----- HOME NUMBER DAYS

type: numeric (float)

range: [0,99]

units: 1

unique values: 20

coded missing: 4666 / 4944

mean: 40.9424

std. dev: 44.071

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 1 | 4 | 10 | 98 | 99 |

F31HMND2:

1. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

F31HMND3 ----- HOME NUMBER DAYS

type: numeric (float)

range: [0,99]

units: 1

unique values: 16

coded missing: 4898 / 4944

mean: 49.9565

std. dev: 45.1934

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 3 | 5 | 30 | 99 | 99 |

F31HMND3:

1. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

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CSSCD FULL COHORT PATIENTS

F31COMP ----- COMPLICATIONS FROM TREATMENT

```

    type: numeric (float)
    label: F31COMP

    range: [1,3]                units: 1
    unique values: 3            coded missing: 2222 / 4944

    tabulation:  Freq.  Numeric  Label
                  2612      1      NO
                  85       2      YES
                  25       3
  
```

F31COMP:
 1. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

F31INBED ----- # OF DAYS STAYED IN BED

```

    type: numeric (float)
    label: F31INBED

    range: [-4,98]             units: 1
    unique values: 46          coded missing: 797 / 4944
  
```

```

tabulation:
Freq.  Numeric  Label                Freq.  Numeric
  58    -4     NOT FILLED IN        21     20
 413    -3     NO                    7      21
  8     -2     NA                    6      22
1453    0                    2      23
 184    1                    8      24
 319    2                    4      25
 279    3                    3      26
 227    4                    5      27
 240    5                   14      28
 166    6                   16      30
 147    7                    1      31
 106    8                    3      34
  38    9                    1      36
 141   10                   3      39
  46   11                   1      40
  39   12                   4      44
  35   13                   9      48
  50   14                   3      57
  35   15                   4      59
  20   16                   1      60
  9    17                   1      77
  7    18                   1      90
  7    19                   2      98
  
```

F31INBED:
 1. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

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CSSCD FULL COHORT PATIENTS

F31MSWRK ----- # OF DAYS MISSED SCHOOL OR WORK

type: numeric (float)

label: F31MSWRK

range: [-4,99]

units: 1

unique values: 43

coded missing: 797 / 4944

tabulation:

| Freq. | Numeric | Label | Freq. | Numeric |
|-------|---------|---------------|-------|---------|
| 32 | -4 | NOT FILLED IN | 26 | 20 |
| 217 | -3 | NO | 12 | 21 |
| 1224 | -2 | NA | 2 | 22 |
| 1453 | 0 | | 8 | 23 |
| 21 | 1 | | 6 | 24 |
| 87 | 2 | | 1 | 25 |
| 117 | 3 | | 1 | 26 |
| 120 | 4 | | 3 | 28 |
| 199 | 5 | | 11 | 30 |
| 81 | 6 | | 4 | 31 |
| 91 | 7 | | 2 | 35 |
| 82 | 8 | | 2 | 40 |
| 38 | 9 | | 3 | 44 |
| 119 | 10 | | 1 | 46 |
| 12 | 11 | | 1 | 48 |
| 30 | 12 | | 2 | 50 |
| 21 | 13 | | 1 | 55 |
| 47 | 14 | | 2 | 57 |
| 50 | 15 | | 2 | 90 |
| 5 | 16 | | 1 | 98 |
| 2 | 17 | | 4 | 99 |
| 4 | 18 | | | |

F31MSWRK:

1. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

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CSSCD FULL COHORT PATIENTS

F31DIAG1 ----- ICDA CODE OF FINAL DIAGNOSIS

type: numeric (float)

range: [1,959.9]
unique values: 59

units: .01
coded missing: 2549 / 4944

tabulation:

| Freq. | Value | Freq. | Value |
|-------|--------|-------|--------|
| 1 | 1 | 1 | 519.8 |
| 3 | 3.24 | 1 | 522.5 |
| 1 | 5 | 1 | 564 |
| 1 | 38.41 | 3 | 574.2 |
| 1 | 38.9 | 1 | 575.1 |
| 1 | 41.1 | 1 | 588.8 |
| 2 | 79.9 | 1 | 594.1 |
| 1 | 99.04 | 2 | 599 |
| 1 | 135 | 1 | 614.9 |
| 1 | 274.9 | 3 | 711 |
| 1 | 282.4 | 1 | 719.02 |
| 1 | 282.6 | 1 | 719.05 |
| 2291 | 282.62 | 1 | 719.4 |
| 3 | 282.66 | 1 | 719.41 |
| 1 | 355.8 | 1 | 719.45 |
| 1 | 376.01 | 1 | 719.46 |
| 4 | 380.99 | 1 | 719.47 |
| 1 | 382.09 | 4 | 730 |
| 1 | 382.62 | 1 | 730.05 |
| 2 | 382.9 | 1 | 730.1 |
| 1 | 451.9 | 11 | 730.2 |
| 2 | 462 | 7 | 733.9 |
| 2 | 463 | 1 | 736.01 |
| 1 | 465.9 | 1 | 759.6 |
| 1 | 481 | 1 | 780.6 |
| 1 | 485 | 1 | 784.7 |
| 7 | 486 | 5 | 789 |
| 1 | 487 | 1 | 812.41 |
| 1 | 511.9 | 1 | 959.9 |
| 2 | 518.8 | | |

F31DIAG1:

1. See ICD-9 codebook for diagnosis codes.
2. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

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CSSCD FULL COHORT PATIENTS

F31DIAG2 ----- ICDA CODE OF FINAL DIAGNOSIS

type: numeric (float)

range: [3.31,965]

units: .01

unique values: 119

coded missing: 4662 / 4944

tabulation:

| Freq. | Value | Freq. | Value | Freq. | Value |
|-------|--------|-------|--------|-------|--------|
| 1 | 3.31 | 1 | 429.2 | 1 | 682.9 |
| 1 | 13.5 | 1 | 451.9 | 1 | 707.1 |
| 1 | 22.02 | 1 | 455 | 2 | 707.9 |
| 6 | 22.2 | 3 | 462 | 1 | 708.9 |
| 6 | 22.22 | 8 | 462.99 | 1 | 710.1 |
| 2 | 23.09 | 1 | 463 | 1 | 711 |
| 1 | 27.09 | 4 | 465 | 1 | 716.8 |
| 5 | 34 | 2 | 465.9 | 1 | 716.9 |
| 1 | 38.41 | 1 | 482.3 | 1 | 719 |
| 2 | 38.9 | 1 | 483 | 1 | 719.1 |
| 1 | 41.1 | 1 | 485 | 1 | 719.41 |
| 1 | 47 | 45 | 486 | 1 | 719.42 |
| 1 | 69.02 | 1 | 487.1 | 1 | 719.43 |
| 1 | 79.9 | 1 | 490 | 5 | 719.46 |
| 2 | 99.04 | 1 | 491.9 | 3 | 719.47 |
| 2 | 135 | 7 | 493.9 | 1 | 723.1 |
| 1 | 274 | 2 | 511 | 1 | 724 |
| 2 | 282.4 | 2 | 511.9 | 1 | 727 |
| 1 | 282.6 | 2 | 518 | 5 | 729.5 |
| 1 | 282.61 | 3 | 518.8 | 1 | 729.81 |
| 2 | 282.65 | 1 | 522.4 | 5 | 730 |
| 6 | 282.66 | 1 | 522.5 | 1 | 730.1 |
| 1 | 283 | 1 | 523.9 | 1 | 730.2 |
| 5 | 284.9 | 1 | 533.9 | 2 | 733.4 |
| 4 | 285.9 | 2 | 558.9 | 2 | 733.42 |
| 1 | 289.59 | 2 | 560.1 | 12 | 733.9 |
| 1 | 289.8 | 1 | 560.39 | 1 | 780.3 |
| 1 | 304.9 | 1 | 574.1 | 12 | 780.6 |
| 1 | 311 | 4 | 574.2 | 1 | 781.6 |
| 2 | 346.2 | 1 | 575 | 1 | 784.7 |
| 1 | 346.9 | 1 | 581.9 | 1 | 785.6 |
| 1 | 348.1 | 1 | 593.9 | 9 | 789 |
| 1 | 376.33 | 1 | 594.1 | 1 | 790.7 |
| 1 | 380.1 | 6 | 599 | 2 | 791 |
| 1 | 398.9 | 1 | 614.1 | 1 | 795.7 |
| 1 | 401 | 2 | 614.9 | 1 | 799.8 |
| 1 | 401.9 | 1 | 625.3 | 1 | 812.2 |
| 2 | 415.1 | 1 | 626.8 | 1 | 922.2 |
| 3 | 421 | 1 | 637.91 | 1 | 965 |
| 1 | 428 | 1 | 682.5 | | |

F31DIAG2:

1. See ICD-9 codebook for diagnosis codes.
2. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

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CSSCD FULL COHORT PATIENTS

F31DIAG3 ----- ICDA CODE OF FINAL DIAGNOSIS

 type: numeric (float)

 range: [3,789.3] units: .01
 unique values: 56 coded missing: 4860 / 4944

tabulation:

| Freq. | Value | Freq. | Value |
|-------|--------|-------|--------|
| 1 | 3 | 1 | 481 |
| 1 | 3.24 | 5 | 486 |
| 1 | 3.31 | 1 | 493 |
| 1 | 22.2 | 1 | 493.9 |
| 1 | 34 | 2 | 511.9 |
| 1 | 34.91 | 1 | 518.8 |
| 1 | 53.9 | 2 | 558.99 |
| 1 | 54.9 | 1 | 564 |
| 1 | 66.39 | 1 | 573.3 |
| 1 | 98 | 1 | 575.1 |
| 1 | 131.01 | 3 | 599 |
| 1 | 135 | 1 | 615.9 |
| 1 | 218.9 | 1 | 669.7 |
| 1 | 250 | 1 | 682.9 |
| 1 | 282.2 | 1 | 692.9 |
| 1 | 282.64 | 2 | 719.41 |
| 2 | 282.65 | 1 | 719.42 |
| 4 | 282.66 | 1 | 719.45 |
| 1 | 282.9 | 3 | 719.46 |
| 1 | 283.9 | 2 | 719.47 |
| 1 | 285.9 | 1 | 724.5 |
| 1 | 342.9 | 4 | 729.5 |
| 2 | 346.9 | 1 | 733.49 |
| 1 | 394 | 1 | 733.9 |
| 1 | 401.9 | 8 | 733.9 |
| 1 | 415.1 | 2 | 780.3 |
| 1 | 462 | 1 | 782.4 |
| 1 | 465.9 | 1 | 789 |
| | | 1 | 789.3 |

F31DIAG3:

1. See ICD-9 codebook for diagnosis codes.
2. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

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CSSCD FULL COHORT PATIENTS

F31DIAG4 ----- ICDA CODE OF FINAL DIAGNOSIS

type: numeric (float)
range: [34.91,791] units: .01
unique values: 25 coded missing: 4913 / 4944

| tabulation: | Freq. | Value |
|-------------|-------|--------|
| | 1 | 34.91 |
| | 2 | 99.01 |
| | 1 | 274 |
| | 2 | 282.62 |
| | 1 | 376.01 |
| | 1 | 451.9 |
| | 1 | 462.99 |
| | 1 | 486 |
| | 2 | 518.8 |
| | 1 | 564 |
| | 1 | 614.09 |
| | 1 | 614.99 |
| | 1 | 719.02 |
| | 2 | 719.42 |
| | 1 | 719.47 |
| | 1 | 724.2 |
| | 1 | 724.5 |
| | 2 | 729.5 |
| | 1 | 733.4 |
| | 1 | 764 |
| | 1 | 780.3 |
| | 2 | 780.6 |
| | 1 | 784 |
| | 1 | 784.7 |
| | 1 | 791 |

F31DIAG4:

1. See ICD-9 codebook for diagnosis codes.
2. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

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F31DIAG5 ----- ICDA CODE OF FINAL DIAGNOSIS

type: numeric (float)

range: [3.24,999.98] units: .01
 unique values: 35 coded missing: 4563 / 4944

| tabulation: | Freq. | Value |
|-------------|-------|--------|
| | 3 | 3.24 |
| | 1 | 22.2 |
| | 1 | 82.62 |
| | 1 | 99.01 |
| | 1 | 165.9 |
| | 1 | 171.12 |
| | 1 | 182.62 |
| | 5 | 262.82 |
| | 7 | 282 |
| | 12 | 282.6 |
| | 2 | 282.61 |
| | 306 | 282.62 |
| | 1 | 282.82 |
| | 1 | 286.62 |
| | 1 | 362.84 |
| | 3 | 382.62 |
| | 1 | 383.62 |
| | 1 | 428 |
| | 2 | 465.9 |
| | 1 | 482.62 |
| | 1 | 493.9 |
| | 1 | 511.9 |
| | 1 | 575.1 |
| | 4 | 599 |
| | 1 | 707.1 |
| | 4 | 711.04 |
| | 1 | 716.87 |
| | 1 | 719.05 |
| | 1 | 729.5 |
| | 1 | 730 |
| | 1 | 730.27 |
| | 2 | 733.9 |
| | 1 | 780.6 |
| | 1 | 789 |
| | 8 | 999.98 |

F31DIAG5:

1. See ICD-9 codebook for diagnosis codes.
2. Not collected before 07/02/80. All pain/skeletal & joint follow-up on versions before 07/02/80 will contain missing values.

_dta:

1. Created 05/15/00.

A. List of variables deleted **F37DATE F37INIT F37NDATE F37LASTU F37LASTE
 F37ESTAT F37VDATE F37DTE1-F37DTE6**

7.1.5: Skeletal & Joint Flow Sheet – Form 37

- 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 **F37DATE**
- H. New name **JF37DATE**
- I. Collection Information:

Form 37 (Skeletal & Joint Event Flow Sheet) was completed each time (before 10/01/80) that a Form 36 was completed and the patient was hospitalized or seen daily as an outpatient as the result of a Skeletal & Joint Event.

The form contains daily and laboratory information from day 2 of hospitalization for the event through discharge. Each Form 37 contains 6 days of hospital information, so consequently, multiple Form 37s can exist for a given event, dependent on length of stay or outpatient follow-up. Laboratory data are recorded every third hospital day (i.e., days 4, 7, 10, 13, etc).

- J. Data Collection Period: 03/79 – 10/80

Form 37 was used between 03/01/79 and 10/01/80 to record skeletal & joint event follow-up information (for Form 36 only). Subsequently (10/11/80 – 12/31/86), Form 31 was used to record skeletal & joint event follow-up information.

Not all information from all versions of the forms has been retained to the final dataset. Variables considered unimportant or unusable from early versions were permanently dropped from the final dataset. Consequently, the codebook coincides closely with the last version of Form 37.

- K. Form Version Dates: 03/01/79, 05/02/79, 03/17/82

- L. Files Used to Store Information:

SAS System File: **R37.SD2**

Format File: **R37.FMT**

- M. Unique Record Identifiers: **ANONID, F37DATE, F37SHEET** (flow sheet number)

- N. Number of Observations (Patients) in SAS Dataset: 223 (73)

- O. Contents of SAS Dataset:

7.1.5: Skeletal & Joint Flow Sheet – Form 37

- Alphabetical Listing of Variables: See pp. 157-158
- Listing of Variables by Position: See pp. 159-160

P. Notes About Selected Variables:

- **F37DTE1-F37DTE6** – These date variables are recorded as four-digit integers composed of 2-digit month, 2-digit day of follow-up.
- **F37CBWB1, F37CBWB2** – is the CBC White Blood Cell Count variable assumed to be “uncorrected” in relation to nucleated red blood cells (nRBCs). There is a question as to whether clinics uniformly adhered to this recording policy, and there is no way of knowing whether the values recorded on the form are in fact uncorrected.

Q. Computed Variables: None

R. Inter-Relationship with Other Datasets:

- Form 37 contains daily hospitalization data for skeletal & joint events reported on Form 36. Beginning 10/01/80, Form 31 replaced Form 37 for collection of daily follow-up data for skeletal & joint events reported on Form 36.

In order to determine which Form 36 goes with the Form 37s at a given date, the following linking mechanism is used. “Record 37” is linked to “Record 36” by id (**ANONID**) and date patient sought care (if **F36DATE=F37DATE**).

The number of “Record 37s” which will link with any given “Record 36” is dependent on the length of the hospitalization. If a patient was hospitalized (or seen daily as an outpatient) for 7 days or less, then only one “Record 37” should be in the dataset for the event. If a patient was hospitalized for 8-13 days, two “Record 37s” should be in the dataset: **F37SHEET=1** for days 2-7; **F37SHEET=2** for days 8-13.

[See Section 7.1.3]

- Skeletal & joint event treatment follow-up information was also collected on

| Phase 1 Forms | SAS Dataset |
|----------------------|--------------------|
| Form 52 | G. <u>R52.SD2</u> |
| Form 31 | R31.SD2 |

Form 52 is the Acute Event Treatment Follow-up form that collects summary treatment information for skeletal & joint events from 03/01/79 through 12/31/86. It does not record daily or laboratory data, since these are hospitalization values,

7.1.5: Skeletal & Joint Flow Sheet – Form 37

collected on the flow sheets. The information it does collect is on treatment, resolution of symptoms, and diagnosis. No such treatment information is included on Form 37s, so Form 52s with the same date as **F37DATE** must be queried to obtain this additional data. Because the **F37DATE** will be the same as the **F36DATE**, the procedure below is used to link the corresponding Form 52 to the given originating Form 36.

This form was used from the inception of the project to record follow-up information for all types of acute events. In order to link a specific “Record 36” with a “Record 52” the date patient first sought care is used (i.e., **F52DATE=F36DATE**).

When **F36FRM52=31** or **F36FRM52=33**, then the source for treatment information is Form 31 (**R31.SD2**) or Form 33 (**R33.SD2**), not Form 52. The “Record 36”, therefore, should be linked by date to “Record 31” or “Record 33” for treatment, resolution of symptoms, and diagnostic data (e.g., if **F30FRM52=31** then **F31DATE=F36DATE** or if **F30FRM52=33** then **F33DATE=F36DATE**).

Form 31 is the Painful Episode/Skeletal & Joint Event Flow Sheet & Treatment Follow-up. Form 31 data are stored in **R31.SD2**. The form was completed between 06/01/86 & 12/31/86, when the patient was either hospitalized or seen on a daily basis as an outpatient for a skeletal & joint event (see definition in section 7.1.0). This form replaced Form 37 as of 10/01/80 for the follow-up of skeletal & joint events.

It contains daily and summary information from day 2 of hospitalization for the event through discharge. Each “Record 31” contains 6 days of hospital information, so consequently, multiple “Record 31s” could exist for a given skeletal & joint event dependent on length of stay.

“Record 31s” are sorted by **ANONID**, **F31DATE**, and **F31SHEET** (flow sheet number). Therefore, information for hospital days 2-7 should be on **F31SHEET=1**; days 8-13 on **F31SHEET=2**, etc.

Form 31s also collect treatment, resolution of symptoms, and diagnosis information, but only for those patients hospitalized or seen daily as per the originating Form 36 event. Form 52 still must be queried to obtain corollary information for those patients not hospitalized for a skeletal & joint event.

7.1.5: Skeletal & Joint Flow Sheet – Form 37

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CONTENTS OF SAS DATASET: R37.SD2
 DATA FROM CSSCD FORM 37 - SKELETAL AND JOINT FLOW SHEET
 VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION
 IN THE SAS DATASET AND ON FORM 37
 The SAS System 11:02 Monday, November 20, 2006 10

The CONTENTS Procedure

| | | | |
|---------------------|-----------------------------------|----------------------|-----|
| Data Set Name | OUT1.R37 | Observations | 223 |
| Member Type | DATA | Variables | 46 |
| Engine | V9 | Indexes | 0 |
| Created | 16:23 Thursday, November 16, 2006 | Observation Length | 352 |
| Last Modified | 16:23 Thursday, November 16, 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 | 16384 |
| Number of Data Set Pages | 6 |
| First Data Page | 1 |
| Max Obs per Page | 46 |
| Obs in First Data Page | 28 |
| Number of Data Set Repairs | 0 |
| File Name | r37.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 # |
| 38 | F37CBHB1 | Num | 8 | CBC HB G-DL |
| 39 | F37CBHB2 | Num | 8 | CBC HB G-DL |
| 40 | F37CBHC1 | Num | 8 | CBC HCT % |
| 41 | F37CBHC2 | Num | 8 | CBC HCT % |
| 42 | F37CBWB1 | Num | 8 | CBC WBC X10NINTH-L |
| 43 | F37CBWB2 | Num | 8 | CBC WBC X10NINTH-L |
| 11 | F37EXB11 | Num | 8 | EXTREMITIES AND BACK |
| 12 | F37EXB12 | Num | 8 | EXTREMITIES AND BACK |
| 13 | F37EXB13 | Num | 8 | EXTREMITIES AND BACK |
| 14 | F37EXB14 | Num | 8 | EXTREMITIES AND BACK |
| 15 | F37EXB15 | Num | 8 | EXTREMITIES AND BACK |
| 16 | F37EXB16 | Num | 8 | EXTREMITIES AND BACK |
| 18 | F37EXB21 | Num | 8 | EXTREMITIES AND BACK |
| 19 | F37EXB22 | Num | 8 | EXTREMITIES AND BACK |
| 20 | F37EXB23 | Num | 8 | EXTREMITIES AND BACK |
| 21 | F37EXB24 | Num | 8 | EXTREMITIES AND BACK |
| 22 | F37EXB25 | Num | 8 | EXTREMITIES AND BACK |
| 23 | F37EXB26 | Num | 8 | EXTREMITIES AND BACK |

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| | | | | |
|----|----------|------|---|--|
| 25 | F37EXB31 | Num | 8 | EXTREMITIES AND BACK |
| 26 | F37EXB32 | Num | 8 | EXTREMITIES AND BACK |
| 27 | F37EXB33 | Num | 8 | EXTREMITIES AND BACK |
| 28 | F37EXB34 | Num | 8 | EXTREMITIES AND BACK |
| 29 | F37EXB35 | Num | 8 | EXTREMITIES AND BACK |
| 30 | F37EXB36 | Num | 8 | EXTREMITIES AND BACK |
| 32 | F37EXB41 | Num | 8 | EXTREMITIES AND BACK |
| 33 | F37EXB42 | Num | 8 | EXTREMITIES AND BACK |
| 34 | F37EXB43 | Num | 8 | EXTREMITIES AND BACK |
| 35 | F37EXB44 | Num | 8 | EXTREMITIES AND BACK |
| 36 | F37EXB45 | Num | 8 | EXTREMITIES AND BACK |
| 37 | F37EXB46 | Num | 8 | EXTREMITIES AND BACK |
| 3 | F37HOSP | Num | 8 | HOSPITALIZED OR OUTPATIENT |
| 44 | F37RETI1 | Num | 8 | RETICULOCYTES |
| 45 | F37RETI2 | Num | 8 | RETICULOCYTES |
| 2 | F37SHEET | Num | 8 | SHEET NUMBER |
| 10 | F37SITE1 | Char | 3 | SITE 1 |
| 17 | F37SITE2 | Char | 3 | SITE 2 |
| 24 | F37SITE3 | Char | 3 | SITE 3 |
| 31 | F37SITE4 | Char | 3 | SITE 4 |
| 4 | F37TMP1 | Num | 8 | TEMPERATURE |
| 5 | F37TMP2 | Num | 8 | TEMPERATURE |
| 6 | F37TMP3 | Num | 8 | TEMPERATURE |
| 7 | F37TMP4 | Num | 8 | TEMPERATURE |
| 8 | F37TMP5 | Num | 8 | TEMPERATURE |
| 9 | F37TMP6 | Num | 8 | TEMPERATURE |
| 46 | JF37DATE | Num | 8 | DATE FIRST SOUGHT CARE - RECODE DAYS SINCE DOE |

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* R37.FMT contains value labels for numerical codes assigned to categorical *
* variables in the SAS dataset R37.SD2 *
*****;

* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD 04/25/99 11:40:44;

PROC FORMAT;

VALUE F37HOSP
1 = 'HOSPITALIZED'
2 = 'OUTPATIENT';

* FORMAT EXT_BACK is used for the following variables: F37EXB11 F37EXB12
F37EXB13
F37EXB14 F37EXB15 F37EXB16 F37EXB21 F37EXB22 F37EXB23
F37EXB24
F37EXB25 F37EXB26 F37EXB31 F37EXB32 F37EXB33 F37EXB34
F37EXB35
F37EXB36 F37EXB41 F37EXB42 F37EXB43 F37EXB44 F37EXB45
F37EXB46;

VALUE EXT_BACK
1 = 'INFLAMMATION (1)'
2 = 'LIMITED MOTION (2)'
4 = 'EFFUSION (4)';

* FORMAT
F37HOSP F37HOSP.
F37EXB11-F37EXB16 F37EXB21-F37EXB26 F37EXB31-F37EXB36 F37EXB41-
F37EXB46 EXT_BACK.;

RUN;
QUIT;

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F37SHEET ----- SHEET NUMBER

type: numeric (float)
 range: [1,15] units: 1
 unique values: 14 coded missing: 0 / 223

| tabulation: | Freq. | Value |
|-------------|-------|-------|
| | 81 | 1 |
| | 56 | 2 |
| | 28 | 3 |
| | 17 | 4 |
| | 14 | 5 |
| | 8 | 6 |
| | 5 | 7 |
| | 3 | 8 |
| | 3 | 9 |
| | 2 | 10 |
| | 3 | 11 |
| | 1 | 12 |
| | 1 | 13 |
| | 1 | 15 |

F37VDATE ----- VERSION DATE

DELETED

type: numeric daily date (int)
 label: datelab
 range: [6999,8111] units: 1
 or equivalently: [01mar1979,17mar1982] units: days
 unique values: 3 coded missing: 0 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|----------|
| | 124 | 6999 | 03/01/79 |
| | 61 | 7061 | 05/02/79 |
| | 38 | 8111 | 03/17/82 |

F37HOSP ----- HOSPITALIZED OR OUTPATIENT

type: numeric (float)
 label: F37HOSP
 range: [1,2] units: 1
 unique values: 2 coded missing: 2 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------|
| | 220 | 1 | HOSPITALIZED |
| | 1 | 2 | OUTPATIENT |

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CSSCD FULL COHORT PATIENTS

F37TMP1 ----- TEMPERATURE

type: numeric (float)

range: [35.9,40.6] units: .1
unique values: 35 coded missing: 3 / 223

mean: 37.7055
std. dev: .770203

| | | | | | |
|--------------|-----|------|------|-----|------|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 37 | 37.1 | 37.6 | 38 | 38.9 |

F37TMP2 ----- TEMPERATURE

type: numeric (float)

range: [35.8,40.1] units: .1
unique values: 33 coded missing: 15 / 223

mean: 37.6918
std. dev: .720628

| | | | | | |
|--------------|-----|------|-------|------|------|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 37 | 37.2 | 37.55 | 38.1 | 38.7 |

F37TMP3 ----- TEMPERATURE

type: numeric (float)

range: [35.8,40.2] units: .1
unique values: 36 coded missing: 31 / 223

mean: 37.6292
std. dev: .745446

| | | | | | |
|--------------|-----|------|------|-----|------|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 37 | 37.1 | 37.4 | 38 | 38.7 |

F37TMP4 ----- TEMPERATURE

type: numeric (float)

range: [35.8,40.7] units: .1
unique values: 31 coded missing: 48 / 223

mean: 37.5909
std. dev: .727084

| | | | | | |
|--------------|-----|-----|------|------|------|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 37 | 37 | 37.4 | 37.9 | 38.7 |

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 CSSCD FULL COHORT PATIENTS

F37TMP5 ----- TEMPERATURE

type: numeric (float)

range: [36.4,40.5] units: .1
 unique values: 32 coded missing: 67 / 223

mean: 37.5872
 std. dev: .70232

| | | | | | |
|--------------|-----|-----|------|------|------|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 37 | 37 | 37.4 | 37.9 | 38.6 |

F37TMP6 ----- TEMPERATURE

type: numeric (float)

range: [36,40.2] units: .1
 unique values: 34 coded missing: 75 / 223

mean: 37.5615
 std. dev: .71042

| | | | | | |
|--------------|------|-----|------|------|------|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 36.9 | 37 | 37.5 | 37.9 | 38.4 |

F37SITE1 ----- SITE 1

type: string (str3)

unique values: 41 coded missing: 8 / 223

| tabulation: | Freq. | Value | Freq. | Value |
|-------------|-------|-------|-------|-------|
| | 2 | "A01" | 5 | "I11" |
| | 1 | "B06" | 1 | "J01" |
| | 3 | "D03" | 6 | "J02" |
| | 13 | "D07" | 5 | "J09" |
| | 2 | "D13" | 1 | "K04" |
| | 1 | "E" | 23 | "M04" |
| | 4 | "E05" | 14 | "M06" |
| | 8 | "E07" | 2 | "N14" |
| | 12 | "F05" | 5 | "P04" |
| | 2 | "G03" | 2 | "P06" |
| | 1 | "G04" | 2 | "P14" |
| | 4 | "G07" | 1 | "Q03" |
| | 5 | "G13" | 2 | "Q04" |
| | 5 | "G17" | 22 | "T23" |
| | 1 | "H06" | 1 | "T24" |
| | 1 | "H07" | 1 | "V26" |
| | 1 | "H08" | 7 | "V27" |
| | 3 | "I02" | 1 | "W25" |
| | 4 | "I04" | 12 | "W28" |
| | 14 | "I06" | 7 | "W29" |
| | | | 8 | "Z32" |

F37SITE1:

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1. See Appendix F - BODY LOCATOR CHARTS/SITE CODE LISTS.

F37EXB11 ----- EXTREMITIES AND BACK

type: numeric (float)
label: F37EXB11

range: [0,7] units: 1
unique values: 8 coded missing: 16 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 89 | 0 | |
| | 29 | 1 | INFLAMMATION (1) |
| | 26 | 2 | LIMITED MOTION (2) |
| | 23 | 3 | |
| | 3 | 4 | EFFUSION (4) |
| | 4 | 5 | |
| | 8 | 6 | |
| | 25 | 7 | |

F37EXB11:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day of follow-up.

F37EXB12 ----- EXTREMITIES AND BACK

type: numeric (float)
label: F37EXB12

range: [0,7] units: 1
unique values: 8 coded missing: 24 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 90 | 0 | |
| | 26 | 1 | INFLAMMATION (1) |
| | 22 | 2 | LIMITED MOTION (2) |
| | 28 | 3 | |
| | 4 | 4 | EFFUSION (4) |
| | 3 | 5 | |
| | 7 | 6 | |
| | 19 | 7 | |

F37EXB12:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day of follow-up.

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F37EXB13 ----- EXTREMITIES AND BACK

type: numeric (float)
label: F37EXB13

range: [0,7] units: 1
unique values: 8 coded missing: 41 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 88 | 0 | |
| | 23 | 1 | INFLAMMATION (1) |
| | 19 | 2 | LIMITED MOTION (2) |
| | 21 | 3 | |
| | 3 | 4 | EFFUSION (4) |
| | 4 | 5 | |
| | 6 | 6 | |
| | 18 | 7 | |

F37EXB13:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day of follow-up.

F37EXB14 ----- EXTREMITIES AND BACK

type: numeric (float)
label: F37EXB14

range: [0,7] units: 1
unique values: 8 coded missing: 65 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 78 | 0 | |
| | 20 | 1 | INFLAMMATION (1) |
| | 16 | 2 | LIMITED MOTION (2) |
| | 16 | 3 | |
| | 3 | 4 | EFFUSION (4) |
| | 3 | 5 | |
| | 4 | 6 | |
| | 18 | 7 | |

F37EXB14:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day of follow-up.

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F37EXB15 ----- EXTREMITIES AND BACK

type: numeric (float)
label: F37EXB15

range: [0,7] units: 1
unique values: 8 coded missing: 75 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 73 | 0 | |
| | 16 | 1 | INFLAMMATION (1) |
| | 14 | 2 | LIMITED MOTION (2) |
| | 14 | 3 | |
| | 7 | 4 | EFFUSION (4) |
| | 4 | 5 | |
| | 4 | 6 | |
| | 16 | 7 | |

F37EXB15:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day of follow-up.

F37EXB16 ----- EXTREMITIES AND BACK

type: numeric (float)
label: F37EXB16

range: [0,7] units: 1
unique values: 8 coded missing: 73 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 69 | 0 | |
| | 19 | 1 | INFLAMMATION (1) |
| | 12 | 2 | LIMITED MOTION (2) |
| | 16 | 3 | |
| | 9 | 4 | EFFUSION (4) |
| | 2 | 5 | |
| | 10 | 6 | |
| | 13 | 7 | |

F37EXB16:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day of follow-up.

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F37SITE2 ----- SITE 2
 type: string (str3)

unique values: 33

coded missing: 89 / 223

| tabulation: | Freq. | Value | Freq. | Value |
|-------------|-------|-------|-------|-------|
| | 1 | "111" | 1 | "I06" |
| | 1 | "155" | 2 | "I08" |
| | 2 | "404" | 6 | "K06" |
| | 5 | "444" | 16 | "M04" |
| | 1 | "757" | 17 | "M06" |
| | 3 | "D03" | 1 | "M16" |
| | 2 | "D07" | 2 | "N15" |
| | 2 | "E03" | 1 | "P04" |
| | 2 | "F04" | 10 | "P06" |
| | 4 | "F05" | 7 | "Q06" |
| | 2 | "F06" | 3 | "T23" |
| | 5 | "F13" | 3 | "T24" |
| | 2 | "G03" | 4 | "V26" |
| | 2 | "G13" | 1 | "V27" |
| | 1 | "H03" | 1 | "V29" |
| | 1 | "I02" | 11 | "W29" |
| | | | 12 | "Z32" |

F37SITE2:

1. See Appendix F - BODY LOCATOR CHARTS/SITE CODE LISTS.

7.1.0: Painful Episode/Skeletal & Joint Events - Overview

F37EXB21 ----- EXTREMITIES AND BACK

type: numeric (float)
label: F37EXB21

range: [0,7] units: 1
unique values: 8 coded missing: 94 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 71 | 0 | |
| | 27 | 1 | INFLAMMATION (1) |
| | 7 | 2 | LIMITED MOTION (2) |
| | 5 | 3 | |
| | 8 | 4 | EFFUSION (4) |
| | 3 | 5 | |
| | 2 | 6 | |
| | 6 | 7 | |

F37EXB21:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day of follow-up.

F37EXB22 ----- EXTREMITIES AND BACK

type: numeric (float)
label: F37EXB22

range: [0,7] units: 1
unique values: 8 coded missing: 97 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 73 | 0 | |
| | 27 | 1 | INFLAMMATION (1) |
| | 4 | 2 | LIMITED MOTION (2) |
| | 5 | 3 | |
| | 9 | 4 | EFFUSION (4) |
| | 2 | 5 | |
| | 1 | 6 | |
| | 5 | 7 | |

F37EXB22:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day of follow-up.

F37EXB23 ----- EXTREMITIES AND BACK

7.1.0: Painful Episode/Skeletal & Joint Events - Overview

type: numeric (float)
label: F37EXB23

range: [0,7] units: 1
unique values: 8 coded missing: 114 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 69 | 0 | |
| | 21 | 1 | INFLAMMATION (1) |
| | 4 | 2 | LIMITED MOTION (2) |
| | 5 | 3 | |
| | 2 | 4 | EFFUSION (4) |
| | 2 | 5 | |
| | 2 | 6 | |
| | 4 | 7 | |

F37EXB23:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day of follow-up.

F37EXB24 ----- EXTREMITIES AND BACK

type: numeric (float)
label: F37EXB24, but 4 values are not labeled

range: [0,7] units: 1
unique values: 7 coded missing: 126 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 62 | 0 | |
| | 18 | 1 | INFLAMMATION (1) |
| | 4 | 2 | LIMITED MOTION (2) |
| | 5 | 3 | |
| | 1 | 4 | EFFUSION (4) |
| | 1 | 5 | |
| | 6 | 7 | |

F37EXB24:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day of follow-up.

F37EXB25 ----- EXTREMITIES AND BACK

type: numeric (float)
label: F37EXB25, but 4 values are not labeled

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range: [0,7] units: 1
unique values: 7 coded missing: 133 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 58 | 0 | |
| | 16 | 1 | INFLAMMATION (1) |
| | 5 | 2 | LIMITED MOTION (2) |
| | 4 | 3 | |
| | 1 | 4 | EFFUSION (4) |
| | 1 | 5 | |
| | 5 | 7 | |

F37EXB25:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day of follow-up.

F37EXB26 ----- EXTREMITIES AND BACK

type: numeric (float)
label: F37EXB26, but 4 values are not labeled

range: [0,7] units: 1
unique values: 7 coded missing: 139 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 56 | 0 | |
| | 14 | 1 | INFLAMMATION (1) |
| | 4 | 2 | LIMITED MOTION (2) |
| | 5 | 3 | |
| | 1 | 4 | EFFUSION (4) |
| | 2 | 6 | |
| | 2 | 7 | |

F37EXB26:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day of follow-up.

F37SITE3 ----- SITE 3

type: string (str3)

unique values: 22 coded missing: 164 / 223

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```

tabulation:  Freq.  Value
              1   "D03"
              4   "D13"
              1   "D15"
              1   "G07"
              4   "G17"
              2   "H50"
              1   "I02"
              1   "I06"
              3   "I07"
             11   "I24"
              1   "J01"
              4   "M04"
              1   "M06"
              2   "O06"
              1   "P06"
              1   "Q04"
              1   "R06"
              2   "S21"
              2   "T24"
              2   "V26"
              4   "W29"
              9   "Z32"
    
```

F37SITE3:

1. See Appendix F - BODY LOCATOR CHARTS/SITE CODE LISTS.

F37EXB31 ----- EXTREMITIES AND BACK

```

      type:  numeric (float)
      label:  F37EXB31, but 3 values are not labeled

      range:  [0,7]                      units:  1
unique values: 6                      coded missing: 169 / 223
    
```

```

tabulation:  Freq.  Numeric  Label
              36     0
              8     1  INFLAMMATION (1)
              5     2  LIMITED MOTION (2)
              3     3
              1     4  EFFUSION (4)
              1     7
    
```

F37EXB31:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day of follow-up.

F37EXB32 ----- EXTREMITIES AND BACK

```

      type:  numeric (float)
      label:  F37EXB32, but 3 values are not labeled

      range:  [0,7]                      units:  1
unique values: 6                      coded missing: 173 / 223
    
```


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| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 35 | 0 | |
| | 7 | 1 | INFLAMMATION (1) |
| | 5 | 2 | LIMITED MOTION (2) |
| | 1 | 3 | |
| | 1 | 4 | EFFUSION (4) |
| | 1 | 7 | |

F37EXB32:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day of follow-up.

F37EXB33 ----- EXTREMITIES AND BACK

type: numeric (float)
label: F37EXB33, but 2 values are not labeled

range: [0,4] units: 1
unique values: 5 coded missing: 174 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 37 | 0 | |
| | 6 | 1 | INFLAMMATION (1) |
| | 4 | 2 | LIMITED MOTION (2) |
| | 1 | 3 | |
| | 1 | 4 | EFFUSION (4) |

F37EXB33:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day of follow-up.

F37EXB34 ----- EXTREMITIES AND BACK

type: numeric (float)
label: F37EXB34, but 2 values are not labeled

range: [0,3] units: 1
unique values: 4 coded missing: 182 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|-------|
| | 30 | 0 | |

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| | | |
|---|---|--------------------|
| 8 | 1 | INFLAMMATION (1) |
| 2 | 2 | LIMITED MOTION (2) |
| 1 | 3 | |
| 0 | 4 | EFFUSION (4) |

F37EXB34:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day of follow-up.

F37EXB35 ----- EXTREMITIES AND BACK

```
      type: numeric (float)
      label: F37EXB35, but 2 values are not labeled

      range: [0,3]                      units: 1
unique values: 4                      coded missing: 185 / 223

      tabulation:  Freq.  Numeric  Label
                   30      0
                   6       1  INFLAMMATION (1)
                   1       2  LIMITED MOTION (2)
                   1       3
                   0       4  EFFUSION (4)
```

F37EXB35:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day of follow-up.

F37EXB36 ----- EXTREMITIES AND BACK

```
      type: numeric (float)
      label: F37EXB36, but 2 values are not labeled

      range: [0,3]                      units: 1
unique values: 3                      coded missing: 187 / 223

      tabulation:  Freq.  Numeric  Label
                   30      0
                   4       1  INFLAMMATION (1)
                   0       2  LIMITED MOTION (2)
```

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2 3

F37EXB36:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day of follow-up.

F37SITE4 ----- SITE 4

type: string (str3)

unique values: 11 coded missing: 187 / 223

| tabulation: | Freq. | Value |
|-------------|-------|-------|
| | 1 | "D03" |
| | 3 | "D07" |
| | 2 | "D17" |
| | 1 | "G03" |
| | 14 | "M06" |
| | 2 | "P14" |
| | 3 | "T24" |
| | 2 | "V26" |
| | 2 | "V27" |
| | 1 | "Y30" |
| | 5 | "Z32" |

F37SITE4:

1. See Appendix F - BODY LOCATOR CHARTS/SITE CODE LISTS.

F37EXB41 ----- EXTREMITIES AND BACK

type: numeric (float)

label: F37EXB41, but 2 values are not labeled

range: [0,3] units: 1

unique values: 4 coded missing: 187 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 17 | 0 | |
| | 2 | 1 | INFLAMMATION (1) |
| | 4 | 2 | LIMITED MOTION (2) |
| | 13 | 3 | |
| | 0 | 4 | EFFUSION (4) |

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F37EXB41:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day follow-up.

F37EXB42 ----- EXTREMITIES AND BACK

type: numeric (float)
label: F37EXB42, but 2 values are not labeled

range: [0,3] units: 1
unique values: 4 coded missing: 188 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 17 | 0 | |
| | 3 | 1 | INFLAMMATION (1) |
| | 2 | 2 | LIMITED MOTION (2) |
| | 13 | 3 | |
| | 0 | 4 | EFFUSION (4) |

F37EXB42:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day follow-up.

F37EXB43 ----- EXTREMITIES AND BACK

type: numeric (float)
label: F37EXB43, but 2 values are not labeled

range: [0,3] units: 1
unique values: 4 coded missing: 189 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 17 | 0 | |
| | 2 | 1 | INFLAMMATION (1) |
| | 2 | 2 | LIMITED MOTION (2) |
| | 13 | 3 | |
| | 0 | 4 | EFFUSION (4) |

F37EXB43:

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1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day follow-up.

F37EXB44 ----- EXTREMITIES AND BACK

type: numeric (float)
label: F37EXB44, but 2 values are not labeled

range: [0,3] units: 1
unique values: 4 coded missing: 193 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 13 | 0 | |
| | 2 | 1 | INFLAMMATION (1) |
| | 2 | 2 | LIMITED MOTION (2) |
| | 13 | 3 | |
| | 0 | 4 | EFFUSION (4) |

F37EXB44:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day follow-up.

F37EXB45 ----- EXTREMITIES AND BACK

type: numeric (float)
label: F37EXB45, but 2 values are not labeled

range: [0,3] units: 1
unique values: 4 coded missing: 196 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 12 | 0 | |
| | 2 | 1 | INFLAMMATION (1) |
| | 2 | 2 | LIMITED MOTION (2) |
| | 11 | 3 | |
| | 0 | 4 | EFFUSION (4) |

F37EXB45:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by

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site and day follow-up.

F37EXB46 ----- EXTREMITIES AND BACK

type: numeric (float)
label: F37EXB46, but 2 values are not labeled

range: [0,3] units: 1
unique values: 3 coded missing: 196 / 223

| tabulation: | Freq. | Numeric | Label |
|-------------|-------|---------|--------------------|
| | 14 | 0 | |
| | 0 | 1 | INFLAMMATION (1) |
| | 2 | 2 | LIMITED MOTION (2) |
| | 11 | 3 | |
| | 0 | 4 | EFFUSION (4) |

F37EXB46:

1. Binary coded variable. See Part II for explanation of binary coded variables.
2. This variable encodes symptoms of back and extremities referenced by site and day follow-up.

F37CBHB1 ----- CBC HB G-DL

type: numeric (float)

range: [5.1,14.1] units: .1
unique values: 68 coded missing: 69 / 223

mean: 8.97013
std. dev: 1.80037

| percentiles: | 10% | 25% | 50% | 75% | 90% |
|--------------|-----|-----|-----|------|------|
| | 6.7 | 7.8 | 8.6 | 10.2 | 11.6 |

F37CBHB2 ----- CBC HB G-DL

type: numeric (float)

range: [4.8,13.9] units: .1
unique values: 50 coded missing: 120 / 223

mean: 9.05437
std. dev: 1.76212

| percentiles: | 10% | 25% | 50% | 75% | 90% |
|--------------|-----|-----|-----|------|------|
| | 6.9 | 7.8 | 8.9 | 10.1 | 11.5 |

F37CBHC1 ----- CBC HCT %

type: numeric (float)

range: [15.5,40.1] units: .1
unique values: 98 coded missing: 65 / 223

mean: 26.7152

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std. dev: 5.38002

| | | | | | |
|--------------|------|------|-------|------|------|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 20.1 | 22.7 | 25.95 | 30.9 | 34.4 |

F37CBHC2 ----- CBC HCT %

type: numeric (float)

range: [17.3,39.4] units: .1
unique values: 88 coded missing: 118 / 223

mean: 27.2038
std. dev: 5.1793

| | | | | | |
|--------------|------|------|------|-----|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 20.6 | 23.5 | 26.3 | 31 | 34 |

F37CBWB1 ----- CBC WBC X10NINTH-L

type: numeric (float)

range: [5.3,31.2] units: .1
unique values: 93 coded missing: 79 / 223

mean: 13.2535
std. dev: 4.65299

| | | | | | |
|--------------|-----|------|------|-------|-----|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 7.9 | 9.85 | 12.4 | 16.15 | 20 |

F37CBWB1:

1. Should be 'uncorrected' in relation to nucleated red blood cells.

F37CBWB2 ----- CBC WBC X10NINTH-L

type: numeric (float)

range: [4,62.7] units: .1
unique values: 73 coded missing: 124 / 223

mean: 12.8657
std. dev: 7.06677

| | | | | | |
|--------------|-----|-----|------|-----|------|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 7 | 8.9 | 11.1 | 15 | 21.4 |

F37CBWB2:

1. Should be 'uncorrected' in relation to nucleated red blood cells.

F37RETI1 ----- RETICULOCYTES

type: numeric (float)

range: [.1,30] units: .1
unique values: 78 coded missing: 94 / 223

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mean: 10.2698
std. dev: 7.85087

| | | | | | |
|--------------|-----|-----|-----|------|------|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 1.6 | 4 | 8.2 | 15.2 | 23.8 |

F37RETI2 ----- RETICULOCYTES

type: numeric (float)

| | | | |
|----------------|-----------|----------------|-----------|
| range: | [.1,33.8] | units: | .1 |
| unique values: | 54 | coded missing: | 140 / 223 |

mean: 9.19518
std. dev: 6.8682

| | | | | | |
|--------------|-----|-----|-----|-----|------|
| percentiles: | 10% | 25% | 50% | 75% | 90% |
| | 1.3 | 3.6 | 7.9 | 15 | 18.9 |

_dta:

1. Created 06/15/00.
