

## 7.7.0: Acute Febrile Events/Sepsis - Overview

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

<u>Form #</u>	<u>Name of Form</u>	<u>Collected</u>	<u>Patient Population</u>	<u>Storage Record #</u>
48	Acute Febrile Illness	03/01/79- 01/31/86	All	<b>R48.SD2</b>
48E	Bacteremia	02/01/86- 06/01/86	All (Sepsis events only)	<b>R58.SD2*</b>
		06/01/86- 12/31/86	Patients Entered at < 6 Months of Age (Sepsis events only)	
90	Non-SCD Initiated Hospitalization	02/01/86- 06/01/86	All (Non-Sepsis febrile events when patient hospitalized)	<b>R90.SD2</b>
		06/01/86- 12/31/86	Patients Entered at < 6 Months of Age (Non-Sepsis febrile events when patient hospitalized)	
53	Comprehensive Special Event Form for Patients Entered at < 6 Months of Age	01/01/87- 09/30/88	Patients Entered at < 6 Months of Age	<b>R53.SD2</b>
--	* "Sepsis Summary"	03/01/79- 09/30/88	All—in addition to data from Form 48E, includes summary information about sepsis events reported on all CSSCD forms with section for blood culture results	<b>R58.SD2</b>
49	Septicemia & Acute Febrile Event Flow Sheet	03/01/79- 01/31/86	All	<b>R49.SD2</b>
52	Acute Event Treatment Follow-up Form	03/01/79- 01/31/86	All	<b>R52.SD2</b>

### B. Definition of Event

#### 1. Acute Febrile Event (See Section 7.7.1)

Elevation of temperature greater than 38.3 degrees centigrade orally or 38.9 degrees rectally which was documented by medical personnel.

#### 2. Septicemia (See Sections 7.7.1, 7.7.3)

Positive Blood Culture

### 7.7.1: Acute Febrile Illness – Form 48

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- A. List of variables deleted    **F48DATE F48INIT F48NDATE F48LASTU F48LASTE  
F48ESTAT F48VDATE F48DFC F48FCB F48WHEN F48PNEDT F48FLUDT  
F48PEB**
- 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    **F48DATE F48WHEN**
- H.    New name    **JF48DATE JF48WHEN**
- I. Collection Information:

**Form 48 (Acute Febrile Illness)** was filled out whenever a study patient entered the clinic, emergency room, or hospital at a study institution with 1) an acute febrile event which was not associated with another CSSCD event, or 2) septicemia which was not associated with osteomyelitis, septic arthritis, pneumonia, or meningitis.  
[See Section on Inter-Relationship With Other Datasets]

- J. Data Collection Period: 03/79 – 01/86
- K. Form Version Dates: 03/01/79, 03/29/79, 10/10/80  
The codebook coincides with the most recent version of Form 48.
- L. Files Used to Store Information:  
SAS System File: **R48.SD2**  
Format File: **R48.FMT**
- M. Unique Record Identifiers: **ANONID, F48DATE**  
Records within the dataset are sorted by **ANONID** and **F48DATE**.
- N. Number of Observations (Patients) in SAS Dataset: 2686 (1169)
- O. Contents of SAS Dataset:
- Alphabetical Listing of Variables: See pp. 664-666
  - Listing of Variables by Position: See pp. 667-668
- P. Notes About Selected Variables:
- **F48EVENT** – is a concatenated variable consisting of 4 2-digit codes which identify forms completed in addition to Form 48; values are left justified so that if

### 7.7.1: Acute Febrile Illness – Form 48

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- there were fewer than 4 associated event forms completed, there will be trailing zeros—e.g., a value of “84000000” means that only a transfusion form (Form 84) was completed in association with the Form 48.
- **F48TRANS** – is the variable name for whether the patient was transfused at the time of the event. The transfusion question on the 03/01/79 version of the form was “Did the patient receive outside transfusion for the event before seeking care at the study institution?” whereas the question on the 10/10/80 version of the form was “Has patient been transfused within 4 months preceding date he/she sought care for the febrile event at the study institution?”
  - **CBC WBC Differential** – Some WBC differential variables (**F48DFPMN**, **F48DFBND**, **F48DFEOS**, **F48DFBAS**, **F48DFLYM**, **F48DFMON**, **F48DFMM**, **F48DFATC**) have missing values when the value should in fact be “0” since some clinic personnel just entered numbers for variables with non-zero values. If the sum of differential variables with non-missing values is 100, the differential variables with missing values are assumed to have a value of 0.
  - **F48TMPH** – On the 10/10/80 version of Form 48, there are 3 choices for *how temperature was taken* (**F48TMPH**): oral, rectal, axillary. On the 03/01/79 version of the form, there were only 2 choices: oral and rectal.
  - **F48SPLP** – On the 10/10/80 version of Form 48, there are 3 choices for *palpable spleen* (**F48SPLP**): no, yes, asplenic. On the 03/01/79 version of the form, there were only 2 choices: no and yes.
  - **F48BLCL1-2**, **F48THCL1-2**, **F48URCL1-2**, **F48SPCL1-2** – The culture codes for *Salmonella* are a problem. Although there are separate codes for *Salmonella typhi* (404) and *Salmonella non-typhi* (405) on the Pathogen List, many forms did not specify the species; if “*Salmonella*” only was listed on the form, the code “404” was assigned.

#### Q. Computed Variables:

- **F48FLOWS** – is the number of follow-up flow sheets (Form 49s) associated with a given acute febrile event. The value was derived by linking “Record 49” with “Record 48” by *date patient first sought care* for the acute febrile event (**F49DATE=F48DATE**) and counting the number of flow sheet records which are linked.

### 7.7.1: Acute Febrile Illness – Form 48

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- **F48DHOSP** – is the number of days the patient was hospitalized or seen daily. The number of days “hospitalized” was derived by linking all flow sheet record(s) (“Record 49”) with “Record 48” by *date patient first sought care* for the acute febrile event (**F49DATE=F48DATE**) and counting the number of days data were collected.
- **F48FRM52** – is the associated event code number (**F52TYPE**) entered on the Acute Treatment Follow-up record (“Record 52”) which links with “Record 48” by *date patient first sought care* for the acute febrile event (**F52DATE=F48DATE**). Values of **F48FRM52** were derived by linking “Record 48” with “Record 52” by *date patient first sought care* and making **F48FRM52** equal to the value of **F52TYPE**. The only valid values of **F52TYPE** are 30 (pain), 32 (acute chest) 34 (RUQ), 36 (skeletal & joint), 38 (hand/foot), 42 (meningitis), 44 (CVA), 46 (acute anemic event), 48 (acute febrile event), 50 (priapism). However, the variable **F48FRM52** may also have a value of “31” or “33” if “Record 48” did not link with a “Record 52” but did link with either a 31 (pain/skel & joint flow sheet) or 31 (acute chest syndrome flow sheet)—i.e., the acute febrile event was associated with one of these events and the flow sheet used (31 or 33) collected the same information as “Record 52” regarding treatment and outcome.

#### R. Inter-Relationship With Other Datasets:

1.a. Febrile (Non-Sepsis) event data were also collected on the Non-SCD Initiated Hospitalization form (Form 90, **R90.SD2**) and the Comprehensive Special Event Form for Patients Entered at < 6 Months of Age (Form 53, **R53.SD2**).

Note: Temperature data were also collected on the following acute event forms:

<b>Form #</b>	<b><u>Name of Form</u></b>	<b><u>SAS Dataset</u></b>
30	Painful Episode Form	<b><u>R30.SD2</u></b>
32	Acute Chest Syndrome	<b>R32.SD2</b>
34	Right Upper Quadrant Syndrome	<b>R34.SD2</b>
36	Skeletal & Joint Events	<b>R36.SD2</b>
38	Hand-Foot Syndrome	<b>R38.SD2</b>
42	Meningitis	<b>R42.SD2</b>

If a fever in association with any of the above events occurred, completion of the Acute Febrile Illness form (Form 48) was not required. However, it was not uncommon for the Acute Febrile Illness form to be completed in addition to another event form if a patient was febrile at the time of the other event.

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The Acute Febrile Illness form was discontinued in January 1986.

For patients entered at < 6 months of age, the Non-SCD Initiated Hospitalization form (Form 90) [See Section 9.3] was used for any non-sepsis febrile event for which a patient was hospitalized from January 1986 until December 1986 when the Comprehensive Special Event Form for Patients Entered at < 6 Months of Age (Form 53) was developed.

There was no form in use for collection of data for non-sepsis febrile events for which patients were seen but not hospitalized between January 1986 and December 1986.

The Comprehensive Special Event Form for Patients Entered at < 6 Months of Age (Form 53) [See Section 7.9] was used for collection of febrile event data on patients entered at < 6 months of age from December 1986 until September 1988. This form was used for recording information about both hospitalized and non-hospitalized febrile events.

1.b. Sepsis event data were also collected on the Bacteremia form (Form 48E, **R58.SD2**) and the Comprehensive Special Event Form for Patients Entered at < 6 Months of Age (Form 53, **R53.SD2**).

As noted under 1.a., the Acute Febrile Illness form (Form 48) was discontinued in January 1986.

Use of a shortened version of the form called Bacteremia (Form 48E) was initiated at that time to collect very basic information about sepsis events only [See Section 7.7.3].

For patients entered at < 6 months of age, the Bacteremia form was used between January 1986 and December 1986 when the Comprehensive Special Event Form for Patients Entered at < 6 Months of Age was activated.

Note: Prior to the implementation of Form 53, if sepsis occurred *in association with* osteomyelitis, septic arthritis, meningitis, or pneumonia, forms designed specifically for these events [See 1.c.] were used for recording blood culture results; completion of an Acute Febrile Illness form (48)/Bacteremia form (48E) was not required if one of these forms was completed. However, it was not uncommon for the Acute Febrile Illness form (48) or Bacteremia form (48E) to be completed in addition to forms for one or more of these other events.

The Comprehensive Special Event Form for Patients Entered at < 6 Months of Age

### 7.7.1: Acute Febrile Illness – Form 48

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(Form 53) [See Section 7.9] was used for collection of sepsis data for patients entered at < 6 months of age from December 1986 until September 1988. This form was used to collect data on sepsis events regardless of the focus of infection.

1.c. Sepsis *in association with* pneumonia, meningitis, osteomyelitis, septic arthritis, or death.

If sepsis occurred in association with any of these events between 03/01/79 and 06/01/86 (patients entered at  $\geq$  6 months of age) or 12/31/86 (patients entered at < 6 months of age), the form listed below was used for recording blood culture results:

<u>Event</u>	<u>Form #</u>	<u>Name of Form</u>	<u>SAS Dataset</u>	<u>Blood Culture Variable</u>
Pneumonia	32	Acute Chest Syndrome	<b>R32.SD2</b>	<b>F32BLCL1</b>
Osteomyelitis/septic arthritis	36	Skeletal & Joint Events	<b>R36.SD2</b>	<b>F36BLDCL F36BLCL1</b>
Meningitis	42	Meningitis	<b>R42.SD2</b>	<b>F42BLOOD F42BLD1</b>
Death	91	Cause of Death	<b>R91.SD2</b>	<b>F91SEPOR</b>

In order to identify all sepsis events which occurred during the study, regardless of focus of infection, all records which collect blood culture results (32, 36, 42, 53, 48, 91) must be searched, sorted by date, and reviewed in order to ascertain whether a single event was reported on more than one form to avoid counting an event more than once. "Record 58" (See 1.d.) was designed to consolidate information regarding sepsis events and facilitate retrieval of relevant data.

Note: The "shortened" acute chest syndrome form (Acute Chest Syndrome Form II (Form 32E, **R43.SD2**)) has a variable **F43PNORG** for organism cultured; however, the source for the culture is not specified (?? sputum). Although it is possible that blood was the source of some of the positive results, it would be better to exclude Record 43 from records which are searched for positive blood culture results.

1.d. Summary record for sepsis events (**R58.SD2**)

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“Record 58” contains a list of all sepsis events which occurred during the Phase 1 study period [See Section 7.7.3].

### Differences Among Forms That Collect Blood Culture Results

It is important for the user to be aware of differences in the data collected on the various forms for sepsis events. Many, but not all, variables are common to most of the datasets. Some variables which appear to store the same information do not.

Examples of differences among forms which collect blood culture results:

#### Use of antibiotics prior to event

In **R32.SD2** and **R36.SD2**, the values for variables **FxxMED1-FxxMED3** have to be decoded in order to ascertain whether the medication received was an antibiotic, and the variables **FxxDAY1-FxxDAY3** used to find out the number of days prior to seeking care that the medication was taken.

Forms 42 (**R42.SD2**) and 48 (**R48.SD2**) have specific use of antibiotic questions; however, the question on Form 42 is whether antibiotics were taken “within the last three days”, whereas the question on Form 48 is whether antibiotics were taken “in the week prior to this illness”. In addition, the question on Form 48 differentiates between whether the antibiotics were being received as prophylaxis or for a specific illness.

Form 53 (**R53.SD2**) asks only about prophylactic antibiotics taken “within a week prior to the illness.”

#### Pneumococcal/ H. influenza immunization

Questions regarding pneumococcal and H. flu immunization status were asked on Forms 42, 48, and 53 but not on Forms 32 and 36.

Immunization questions were also asked on past medical history forms (Forms 10 and 15) [See Section 2] and on most of the routine visit forms (16E, 17, 19, 20, 21, 24, and 25) [See Section 4]. The past medical history form and routine visit forms which precede the date of the event can be searched in order to determine immunization status at the time of an event. In addition, there are two pneumococcal immunization variables (**PNEUVAX**, **PNEUDTE**) in the “Patient Roster” dataset (**R09.SD2**) which were calculated using information contained in all the above records [See Section 1].

#### Spleen Size

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Only Form 48 collects information about whether the spleen was palpable at the time of the event.

#### Posner Stage

Only Forms 48 and 42 collect information regarding level of consciousness. However, the codes for **F48POSNR** in **R48.SD2** range from “1” (awake and alert) to “6” (unresponsive) whereas the codes for **F42POSNR** in **R42.SD2** range from “0” (awake and alert) to “5” (unresponsive).

#### Culture Results

In **R36.SD2**, **R42.SD2**, and **R53.SD2**, two variables are used to store culture results—one indicates whether the result was negative or positive; the other contains the organism code if the culture was positive. In **R32.SD2** and **R48.SD2**, only one variable is used to store culture results—i.e., a negative result has a value of “-1,” a positive result has the code for the organism cultured.

#### Pneumococcal serotyping

Only Form 42 collects information about pneumococcal serotyping results.

## 2. Event Follow-up and Treatment Information

Forms designed to collect this information during the period the Acute Febrile Illness form was being used were

- a. Septicemia and Acute Febrile Event Flow Sheet (Form 49, **R49.SD2**)
- b. Acute Event Treatment Follow-up form (Form 52, **R52.SD2**)

Both of the above “records” should be linked to the appropriate febrile/sepsis event “Record 48” by the *date patient first sought care* for the event (i.e., if **F49DATE=F48DATE** or if **F52DATE=F48DATE**).

- a. Form 49 was completed if a patient was either hospitalized or seen on a daily basis as an outpatient for a febrile/sepsis event. The flow sheet contains daily information from hospitalization day 2 through the date of discharge. Each flow sheet contains 6 days of hospital information; consequently, multiple “Record 49s” can exist for a given febrile/sepsis event dependent on length of stay. “Record 49s” are sorted by ID # of a patient (**CASEID**), *date patient first sought care* (**F49DATE**), and flow sheet number (**F49SHEET**)—i.e., information for hospital days 2-7 should be on **F49SHEET=01**, information for hospital days 8-13 should be on **F49SHEET=02**, etc. [See Section 7.7.2 for details]



### 7.7.1: Acute Febrile Illness – Form 48

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- b. Form 52, which was supposed to be completed for all febrile/sepsis events regardless of whether the patient was hospitalized, contains information regarding treatment, resolution of symptoms, and final diagnosis.

The linking variable for “Record 48” and “Record 52” is *date patient first sought care* (i.e., if **F52DATE=F48DATE**). If **F48FRM52** is equal to “31,” “Record 48” should be linked by date to “Record 31” (rather than “Record 52”) to obtain information regarding treatment, resolution of symptoms, etc. [See Section 7.1.4]. If **F48FRM52** is equal to “33,” “Record 48” should be linked by date to “Record 33” (rather than “Record 52”) to obtain information about treatment, etc. [See Section 7.2.3]

Form 52 was used as the follow-up for all acute events and is described in detail in Section 7.10.

3. Assessment of Splenic Function by Interference Phase Contrast Microscopy (pocked RBCs) (**R07.SD2**)

At the time of a sepsis event, blood specimens were supposed to be collected and mailed to Yale for quantitation of the percentage of circulating pocked RBCs using phase contrast microscopy. Pocked RBC results, collected at the time of either a routine visit or a sepsis event, are stored in **R07.SD2**. “Record 7s” are sorted by patient ID # (**ANONID**) and date sample for pocked RBC determination was drawn [See Section 5.2 for details]. “Record 7” can be linked to “Record 48” by date (i.e., if **F07DATE=F48DATE**). However, this protocol requirement was not well followed—very few samples were collected at the time of a bacteremic event. Use of the pocked RBC data in “Record 7” to assess splenic function at the time of a bacterial infection can be maximized if results from samples collected at routine visits are used:

1. If the date of the pocked RBC count (**F07DATE**) preceded the date of the sepsis event (**F48DATE**) and the pocked RBC count was  $\geq 3.5\%$  at that time, the patient can be considered functionally asplenic at the time of the bacterial infection.
2. If a pocked RBC count was done within 15-30 days preceding a sepsis event (i.e.,  $0 \leq \mathbf{F48DATE-F07DATE} \leq 15$  (30) ) and the patient was untransfused at the time the sample was drawn and the pocked RBC count was  $< 3.5\%$  at the time  
OR

### 7.7.1: Acute Febrile Illness – Form 48

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the pocked RBC count was < 3.5% at the time of the first routine visit following a bacterial infection and the patient had not been transfused within 4 months prior to that routine visit,

the patient is assumed to have had a functioning spleen at the time of sepsis.

Note: Collection of samples for pocked RBC determination was discontinued in November, 1985.

Note: If the version date of Form 48 is 10-10-80, the variable **F48SPLP** (Spleen Palpable) can be used to determine splenectomy status (i.e., if **F48SPLP=3**, the patient was splenectomized prior to the event). Data regarding on-study splenectomy are stored in **R83.SD2 [F83ICDA=41.5]** [See Section 9.1]

**CODEBOOK FOR CSSCD FORM 48**

**ACUTE FEBRILE ILLNESS**

CSSCD FULL COHORT PATIENTS

CONTENTS OF SAS DATASET: R48.SD2

DATA FROM CSSCD FORM 48 - ACUTE FEBRILE ILLNESS

USED FROM 3/79 THROUGH 1/86

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

IN THE SAS DATASET AND ON FORM 48

The SAS System 16:42 Tuesday, January 30, 2007 4

The CONTENTS Procedure

Data Set Name	OUT1.R48	Observations	2686
Member Type	DATA	Variables	59
Engine	V9	Indexes	0
Created	14:32 Monday, January 22, 2007	Observation Length	472
Last Modified	14:32 Monday, January 22, 2007	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information

Data Set Page Size	16384
Number of Data Set Pages	80
First Data Page	1
Max Obs per Page	34
Obs in First Data Page	17
Number of Data Set Repairs	0
File Name	r48.sas7bdat
Release Created	9.0000M0
Host Created	XP_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	ANONID	Char	8	ANONYMIZED ID #
6	F48ANTI1	Num	8	ANTIBIOTICS AS PROPHLAXIS
11	F48ANTI2	Num	8	ANTIBIOTICS FOR SPECIFIC ILLNESS
25	F48BLCL1	Num	8	BLOOD MICROBIOLOGY CULTURE
26	F48BLCL2	Num	8	BLOOD MICROBIOLOGY CULTURE
33	F48CBCHB	Num	8	CBC HB (G DL)
34	F48CBCHC	Num	8	CBC HCT (%)
37	F48BCMV	Num	8	CBC MCV (FL)
35	F48BCRB	Num	8	CBC RBC (X 10(12) L)
36	F48BCWB	Num	8	CBC WBC (X 10(9) L)
52	F48CHOTH	Num	8	OTHER CHEST X-RAY PROBLEMS
49	F48CHXR	Num	8	DATE CHEST X-RAY
46	F48DFATC	Num	8	DIFFERENTIAL ATYPICAL CELLS (%)
43	F48DFBAS	Num	8	DIFFERENTIAL BASOPHILS (%)
41	F48DFBND	Num	8	DIFFERENTIAL BANDS (%)
42	F48DFEOS	Num	8	DIFFERENTIAL EOSINOPHILS (%)
44	F48DFLYM	Num	8	DIFFERENTIAL LYMPHOCYTES (%)
47	F48DFMM	Num	8	DIFFERENTIAL METAMYEL MYELOCYTES (%)

**CODEBOOK FOR CSSCD FORM 48**

**ACUTE FEBRILE ILLNESS**

CSSCD FULL COHORT PATIENTS

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45	F48DFMON	Num	8	DIFFERENTIAL MONOCYTES (%)
40	F48DFPMN	Num	8	DIFFERENTIAL PMN (%)
57	F48DHOSP	Num	8	NUMBER OF DAYS HOSPITALIZED
2	F48EVENT	Num	8	ASSOCIATED EVENTS
55	F48FLOWS	Num	8	NUMBER OF FLOW SHEETS
15	F48FLU	Num	8	H. INFLUENZA IMMUNIZATION
16	F48FLUMR	Num	8	FLU IMMUN. CONFIRMED
56	F48FRM52	Num	8	IS THERE A 52 ON THE DATABASE
54	F48HBS	Num	8	HB S (%)
39	F48HJB	Num	8	HOWELL JOLLY BODIES
3	F48HOSP	Num	8	HOSPITALIZED
12	F48ICDA	Num	8	ICDA CODE OF ILLNESS
50	F48LNGIN	Num	8	LUNG INFILTRATE
7	F48MED1	Num	8	MEDICATION CODE 1
8	F48MED2	Num	8	MEDICATION CODE 2
9	F48MED3	Num	8	MEDICATION CODE 3
10	F48MED4	Num	8	MEDICATION CODE 4
48	F48NRB	Num	8	NUCLEATED RED BLOOD CELLS ( 100 WBC)
24	F48OPF	Num	8	OTHER PHYSICAL FINDINGS
51	F48PLEFF	Num	8	PLEURAL EFFUSION
13	F48PNE	Num	8	PNEUMOCOCCAL IMMUNIZATION
14	F48PNEMR	Num	8	PNEU. IMMUN. CONFIRMED
19	F48POSNR	Num	8	POSNER STAGE
38	F48RETIC	Num	8	RETICULOCYTES (%)
31	F48SPCL1	Num	8	SPUTUM MICROBIOLOGY CULTURE
32	F48SPCL2	Num	8	SPUTUM MICROBIOLOGY CULTURE
53	F48SPFL	Num	8	SPINAL FLUID EXAM DONE
22	F48SPLDI	Num	8	SPLEEN - CM FROM MIDLINE
20	F48SPLP	Num	8	PALPABLE SPLEEN
23	F48SPLTN	Num	8	SPLEEN TENDERNESS
21	F48SPLTP	Num	8	SPLEEN TIP- CM BELOW LCM
27	F48THCL1	Num	8	THROAT MICROBIOLOGY CULTURE
28	F48THCL2	Num	8	THROAT MICROBIOLOGY CULTURE
17	F48TMP	Num	8	TEMPERATURE
18	F48TMPH	Num	8	HOW TEMPERATURE TAKEN
4	F48TRANS	Num	8	TRANSFUSED W IN 4 MOS. PRIOR TO EVENT
5	F48TYPE	Num	8	SEPSIS OR ACUTE FEBRILE ILLNESS
29	F48URCL1	Num	8	URINE MICROBIOLOGY CULTURE
30	F48URCL2	Num	8	URINE MICROBIOLOGY CULTURE
58	JF48DATE	Num	8	DATE FIRST SOUGHT CARE - RECODE DAYS SINCE DOE
59	JF48WHEN	Num	8	WHEN FEVER BEGAN - RECODE DAYS SINCE DOE

CODEBOOK FOR CSSCD FORM 48

ACUTE FEBRILE ILLNESS

CSSCD FULL COHORT PATIENTS

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\*\*\*\*\*  
\* R48.FMT contains value labels for numerical codes assigned to  
categorical\*  
\* variables in the SAS dataset R48.SD2  
\*  
\*\*\*\*\*  
\*\*\*\*\*;

\* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD 11/14/98  
11:24:15;

PROC FORMAT;

\* FORMAT NO\_YES used for the following variables: F48HOSP F48TRANS  
F48PNE

F48PNEMR F48FLU  
F48FLUMR F48SPLTN;

VALUE NO\_YES

1 = 'NO'  
2 = 'YES';

VALUE F48TYPE

1 = 'SEPSIS'  
2 = 'ACUTE FEBRILE';

\* FORMAT F48ANTIX used for the following variables: F48ANTI1 F48ANTI2;

VALUE F48ANTIX

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

VALUE F48TMPH

1 = 'ORAL'  
2 = 'RECTAL'  
3 = 'AXILLARY';

VALUE F48POSNR

1 = '0 AWAKE'  
2 = '1 LETHARGIC'  
3 = '2 CONFUSED'  
4 = '3 STUPOROUS'  
5 = '4 COMATOSE'  
6 = '5 UNRESPONSIVE';

**CODEBOOK FOR CSSCD FORM 48**  
**ACUTE FEBRILE ILLNESS**  
CSSCD FULL COHORT PATIENTS

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VALUE F48SPLP  
1 = 'NO'  
2 = 'YES'  
3 = 'ASPLENIC';

VALUE F48SPLTP  
-8 = 'TIP FELT AT LCM';

\* FORMAT F48CLX used for the following variables: F48BLCL1 F48BLCL2  
F48THCL1 F48THCL2  
F48URCL1 F48URCL2  
F48SPCL1  
F48SPCL2;

VALUE F48CLX  
-8 = 'NOT DONE'  
-7 = 'CONTAMINATED'  
-1 = 'NEGATIVE'  
9999 = 'UNCLASSIFIED';

\* FORMAT YES\_NO used for the following variables: F48HJB F48LNGIN  
F48CHOTH;

VALUE YES\_NO  
1 = 'YES'  
2 = 'NO';

VALUE F48PLEFF  
4 = 'NO (4)'  
0 = 'YES,NO LOCATION (0)'  
1 = 'YES, RIGHT (1)'  
2 = 'YES, LEFT (2)'  
3 = 'YES, BOTH (3)';

VALUE F48SPFL  
1 = 'DONE'  
2 = 'NOT DONE';

\* FORMAT F48HOSP F48TRANS

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CODEBOOK FOR CSSCD FORM 48

ACUTE FEBRILE ILLNESS

CSSCD FULL COHORT PATIENTS

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F48PNE F48PNEMR  
F48FLU F48FLUMR  
F48SPLTN NO\_YES.  
F48TYPE F48TYPE.  
F48ANTI1 F48ANTI2 F48ANTIX.  
F48TMPH F48TMPH.  
F48POSNR F48POSNR.  
F48SPLP F48SPLP.  
F48SPLTP F48SPLTP.  
F48BLCL1 F48BLCL2  
F48THCL1 F48THCL2  
F48URCL1 F48URCL2  
F48SPCL1 F48SPCL2 F48CLX.  
F48HJB F48LNGIN  
F48CHOTH YES\_NO.  
F48PLEFF F48PLEFF.  
F48SPFL F48SPFL.;

RUN;  
QUIT;

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F48VDATE ----- VERSION DATE **DELETED**

type: numeric daily date (int)  
 label: datelab

range: [6999,7588] units: 1  
 or equivalently: [01mar1979,10oct1980] units: days  
 unique values: 3 coded missing: 0 / 2686

tabulation:	Freq.	Numeric	Label
	476	6999	03/01/79
	4	7027	03/29/79
	2206	7588	10/10/80

F48EV1 ----- ASSOCIATED EVENT CODE 1

type: numeric (float)

range: [0,91] units: 1  
 unique values: 26 coded missing: 1510 / 2686

tabulation:	Freq.	Value
	2	0
	119	30
	109	32
	4	33
	9	34
	18	36
	29	38
	11	40
	12	42
	6	44
	69	46
	4	47
	6	48
	189	49
	4	50
	60	52
	251	54
	2	60
	42	62
	4	70
	1	71
	2	82
	18	83
	169	84
	26	90
	10	91

F48EV1:

1. Computed variable: F48EV1=int(F48EVENT/1000000), NOT saved in the .SD2 file.
2. See Appendix L for event codes.



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F48EV2 ----- ASSOCIATED EVENT CODE 2

type: numeric (float)

range: [0,91] units: 1  
unique values: 29 coded missing: 1510 / 2686

tabulation:	Freq.	Value
	622	0
	1	13
	11	30
	18	31
	34	32
	12	33
	8	34
	2	35
	12	36
	1	37
	5	38
	5	39
	3	40
	6	44
	2	45
	43	46
	14	47
	7	48
	51	49
	1	50
	118	52
	51	54
	2	60
	18	62
	1	70
	13	83
	107	84
	5	90
	3	91

F48EV2:

1. Computed variable:  $F48EV2 = \text{int}((F48EVENT - F48EV1 * 1000000) / 10000)$ , NOT saved in the .SD2 file.
2. See Appendix L for event codes.

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F48EV3 ----- ASSOCIATED EVENT CODE 3

type: numeric (float)

range: [0,91] units: 1  
unique values: 31 coded missing: 1510 / 2686

tabulation:	Freq.	Value
	904	0
	1	13
	8	30
	6	31
	12	32
	5	33
	5	34
	1	35
	7	36
	3	37
	2	38
	2	39
	2	40
	1	44
	3	45
	21	46
	6	47
	6	48
	21	49
	2	50
	29	52
	48	54
	6	62
	3	64
	1	70
	1	71
	10	83
	54	84
	1	89
	4	90
	1	91

F48EV3:

1. Computed variable:  $F48EV3 = \text{int}((F48EVENT - F48EV1 * 1000000 - F48EV2 * 10000) / 100)$ , NOT saved in the .SD2 file.
2. See Appendix L for event codes.

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F48EV4 ----- ASSOCIATED EVENT CODE 4

type: numeric (float)

range: [0,96] units: 1

unique values: 19 coded missing: 1510 / 2686

tabulation:

Freq.	Value
1059	0
3	4
1	12
2	28
25	32
2	34
2	36
1	40
2	44
19	48
19	52
5	56
1	62
2	64
1	80
29	84
1	88
1	92
1	96

F48EV4:

1. Computed variable: F48EV4=int(F48EVENT-F48EV1\*1000000-F48EV2\*10000-F48EV3\*100), NOT saved in the .SD2 file.
2. See Appendix L for event codes.

F48HOSP ----- HOSPITALIZED

type: numeric (float)

label: F48HOSP

range: [1,2] units: 1

unique values: 2 coded missing: 2 / 2686

tabulation:

Freq.	Numeric	Label
540	1	NO
2144	2	YES

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F48TRANS ----- TRANSFUSED W|IN 4 MOS. PRIOR TO EVENT

type: numeric (float)  
label: F48TRANS

range: [1,2] units: 1  
unique values: 2 coded missing: 410 / 2686

tabulation:	Freq.	Numeric	Label
	1931	1	NO
	345	2	YES

F48TYPE ----- SEPSIS OR ACUTE FEBRILE ILLNESS

type: numeric (float)  
label: F48TYPE

range: [1,2] units: 1  
unique values: 2 coded missing: 98 / 2686

tabulation:	Freq.	Numeric	Label
	190	1	SEPSIS
	2398	2	ACUTE FEBRILE

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F48ANTI1 ----- ANTIBIOTICS AS PROPHYLAXIS

type: numeric (float)  
label: F48ANTI1

range: [1,3] units: 1  
unique values: 3 coded missing: 77 / 2686

tabulation:	Freq.	Numeric	Label
	2057	1	NO
	24	2	DK
	528	3	YES

F48ANTI2 ----- ANTIBIOTICS FOR SPECIFIC ILLNESS

type: numeric (float)  
label: F48ANTI2

range: [1,3] units: 1  
unique values: 3 coded missing: 198 / 2686

tabulation:	Freq.	Numeric	Label
	2269	1	NO
	13	2	DK
	206	3	YES





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F48MED4 ----- MEDICATION CODE 4

type: numeric (float)  
range: [25,554] units: 1  
unique values: 3 coded missing: 2681 / 2686

tabulation: Freq. Value  
3 25  
1 369  
1 554

F48MED4:

1. See Appendix D - CODED DRUG LIST.
2. Response required only if F48ANTI1=3 or F48ANTI2=3.

F48ICDA ----- ICDA CODE OF ILLNESS

type: numeric (float)  
range: [.28,999.99] units: .01  
unique values: 19 coded missing: 2545 / 2686

tabulation: Freq. Value  
1 .28  
1 1.4  
1 8.8  
2 25  
2 28  
2 34  
1 38.9  
1 56  
1 79.97  
1 120  
2 231  
1 282.62  
1 351  
1 380.99  
1 382.9  
1 465  
1 780.6  
8 999.98  
112 999.99

F48ICDA:

1. See ICD-9 codebook.
2. Required only if patient received antibiotics for a specific illness in the week prior to event.



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F48PNE ----- PNEUMOCOCCAL IMMUNIZATION

type: numeric (float)  
label: F48PNE

range: [1,2] units: 1  
unique values: 2 coded missing: 29 / 2686

tabulation:	Freq.	Numeric	Label
	2558	1	NO
	99	2	YES

F48PNEMR ----- PNEU. IMMUN. CONFIRMED

type: numeric (float)  
label: F48PNEMR

range: [1,2] units: 1  
unique values: 2 coded missing: 1167 / 2686

tabulation:	Freq.	Numeric	Label
	26	1	NO
	1493	2	YES

F48FLU ----- H. INFLUENZA IMMUNIZATION

type: numeric (float)  
label: F48FLU

range: [1,2] units: 1  
unique values: 2 coded missing: 50 / 2686

tabulation:	Freq.	Numeric	Label
	2624	1	NO
	12	2	YES

F48FLUMR ----- FLU IMMUN. CONFIRMED

type: numeric (float)  
label: F48FLUMR

range: [1,2] units: 1  
unique values: 2 coded missing: 1271 / 2686

tabulation:	Freq.	Numeric	Label
	26	1	NO
	1389	2	YES

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F48TMP ----- TEMPERATURE

type: numeric (float)

range: [36,44.9] units: .1  
 unique values: 57 coded missing: 35 / 2686

mean: 39.1782  
 std. dev: .745716

percentiles:      10%      25%      50%      75%      90%  
                     38.3      38.7      39.1      39.7      40.1

F48TMPH ----- HOW TEMPERATURE TAKEN

type: numeric (float)  
 label: F48TMPH

range: [1,3] units: 1  
 unique values: 3 coded missing: 39 / 2686

tabulation: Freq.    Numeric    Label  
                  1469        1    ORAL  
                  1138        2    RECTAL  
                  40            3    AXILLARY

F48POSNR ----- POSNER STAGE

type: numeric (float)  
 label: F48POSNR

range: [1,6] units: 1  
 unique values: 6 coded missing: 43 / 2686

tabulation: Freq.    Numeric    Label  
                  2362        1    0 AWAKE  
                  235           2    1 LETHARGIC  
                  23            3    2 CONFUSED  
                  7            4    3 STUPOROUS  
                  7            5    4 COMATOSE  
                  9            6    5 UNRESPONSIVE

F48SPLP ----- PALPABLE SPLEEN

type: numeric (float)  
 label: F48SPLP

range: [1,3] units: 1  
 unique values: 3 coded missing: 55 / 2686

tabulation: Freq.    Numeric    Label  
                  2084        1    NO  
                  518           2    YES  
                  29            3    ASPLENIC

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F48SPLTP ----- SPLEEN TIP- CM BELOW LCM

type: numeric (float)  
 label: F48SPLTP

range: [-8,12] units: 1  
 unique values: 14 coded missing: 2200 / 2686

tabulation:	Freq.	Numeric	Label
	3	-8	TIP FELT AT LCM
	5	0	
	109	1	
	127	2	
	94	3	
	53	4	
	45	5	
	18	6	
	9	7	
	10	8	
	4	9	
	4	10	
	4	11	
	1	12	

F48SPLTP:  
 1. Response required only if F48SPLP=2.

F48SPLDI ----- SPLEEN - CM FROM MIDLINE

type: numeric (float)

range: [0,15] units: 1  
 unique values: 14 coded missing: 2477 / 2686

tabulation:	Freq.	Value
	12	0
	18	1
	22	2
	26	3
	32	4
	30	5
	29	6
	19	7
	8	8
	7	10
	2	11
	1	12
	1	13
	2	15

F48SPLDI:  
 1. Response required only if F48SPLP=2.

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F48SPLTN ----- SPLEEN TENDERNESS

type: numeric (float)  
label: F48SPLTN

range: [1,2] units: 1  
unique values: 2 coded missing: 74 / 2686

tabulation:	Freq.	Numeric	Label
	2543	1	NO
	69	2	YES

F480PF ----- OTHER PHYSICAL FINDINGS

type: numeric (float)

range: [1,2] units: 1  
unique values: 2 coded missing: 50 / 2686

tabulation:	Freq.	Value
	1311	1
	1325	2

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F48BLCL1 ----- BLOOD MICROBIOLOGY CULTURE

type: numeric (float)  
 label: F48BLCL1

range: [-8,9000] units: 1  
 unique values: 21 coded missing: 71 / 2686

tabulation:	Freq.	Numeric	Label
	190	-8	NOT DONE
	3	-7	CONTAMINATED
	2196	-1	NEGATIVE
	14	110	
	22	120	
	8	130	
	5	140	
	1	160	
	86	170	
	2	202	
	1	301	
	46	401	
	7	404	
	7	405	
	3	408	
	1	410	
	1	800	
	17	1200	
	1	2100	
	1	2200	
	3	9000	

F48BLCL1:

1. See Appendix H - PATHOGEN LIST.

F48BLCL2 ----- BLOOD MICROBIOLOGY CULTURE

type: numeric (float)  
 label: F48BLCL2

range: [-1,1200] units: 1  
 unique values: 4 coded missing: 2679 / 2686

tabulation:	Freq.	Numeric	Label
	1	-1	NEGATIVE
	3	120	
	2	130	
	1	1200	

F48BLCL2:

1. See Appendix H - PATHOGEN LIST.

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F48THCL1 ----- THROAT MICROBIOLOGY CULTURE

type: numeric (float)  
label: F48THCL1

range: [-8,9999] units: 1  
unique values: 19 coded missing: 172 / 2686

tabulation:	Freq.	Numeric	Label
	1121	-8	NOT DONE
	1	-7	CONTAMINATED
	1181	-1	NEGATIVE
	22	110	
	34	130	
	107	140	
	23	160	
	2	170	
	2	180	
	1	202	
	5	401	
	1	407	
	1	408	
	1	410	
	4	1200	
	1	6100	
	1	6400	
	3	9000	
	3	9999	UNCLASSIFIED

F48THCL1:

1. See Appendix H - PATHOGEN LIST.

F48THCL2 ----- THROAT MICROBIOLOGY CULTURE

type: numeric (float)  
label: F48THCL2

range: [110,9000] units: 1  
unique values: 11 coded missing: 2666 / 2686

tabulation:	Freq.	Numeric	Label
	2	110	
	1	120	
	5	130	
	2	140	
	3	160	
	1	170	
	1	301	
	1	410	
	1	800	
	1	1200	
	2	9000	

F48THCL2:

1. See Appendix H - PATHOGEN LIST.

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F48URCL1 ----- URINE MICROBIOLOGY CULTURE

type: numeric (float)  
 label: F48URCL1

range: [-8,9999] units: 1  
 unique values: 19 coded missing: 144 / 2686

tabulation:	Freq.	Numeric	Label
	775	-8	NOT DONE
	3	-7	CONTAMINATED
	1650	-1	NEGATIVE
	5	110	
	2	120	
	4	170	
	4	202	
	1	400	
	78	401	
	1	402	
	1	405	
	1	407	
	3	408	
	2	409	
	2	800	
	1	900	
	2	1200	
	5	9000	
	2	9999	UNCLASSIFIED

F48URCL1:

1. See Appendix H - PATHOGEN LIST.

F48URCL2 ----- URINE MICROBIOLOGY CULTURE

type: numeric (float)  
 label: F48URCL2

range: [105,9000] units: 1  
 unique values: 5 coded missing: 2678 / 2686

tabulation:	Freq.	Numeric	Label
	1	105	
	1	401	
	3	408	
	1	800	
	2	9000	

F48URCL2:

1. See Appendix H - PATHOGEN LIST.

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F48SPCL1 ----- SPUTUM MICROBIOLOGY CULTURE

type: numeric (float)  
label: F48SPCL1

range: [-8,9999] units: 1  
unique values: 16 coded missing: 2426 / 2686

tabulation:	Freq.	Numeric	Label
	131	-8	NOT DONE
	106	-1	NEGATIVE
	1	10	
	5	110	
	4	130	
	1	140	
	1	160	
	1	170	
	1	202	
	1	401	
	1	408	
	1	1200	
	1	1300	
	1	1400	
	3	9000	
	1	9999	UNCLASSIFIED

F48SPCL1:

1. See Appendix H - PATHOGEN LIST.
2. Response required only if patient is greater than 20 years of age.

F48SPCL2 ----- SPUTUM MICROBIOLOGY CULTURE

type: numeric (float)  
label: F48SPCL2

range: [110,9999] units: 1  
unique values: 6 coded missing: 2680 / 2686

tabulation:	Freq.	Numeric	Label
	1	110	
	1	130	
	1	160	
	1	1200	
	1	9000	
	1	9999	UNCLASSIFIED

F48SPCL2:

1. See Appendix H - PATHOGEN LIST.
2. Response required only if patient is greater than 20 years of age.



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F48CBCHB ----- CBC HB (G|DL)  
 type: numeric (float)  
 range: [2,15] units: .1  
 unique values: 108 coded missing: 111 / 2686  
 mean: 8.47006  
 std. dev: 1.69593  
 percentiles: 10% 25% 50% 75% 90%  
                   6.5 7.3 8.4 9.6 10.7

F48CBCHC ----- CBC HCT (%)  
 type: numeric (float)  
 range: [6.6,43.5] units: .1  
 unique values: 282 coded missing: 105 / 2686  
 mean: 25.1939  
 std. dev: 5.41162  
 percentiles: 10% 25% 50% 75% 90%  
                   18.6 21.5 25 29 32.2

F48BCRB ----- CBC RBC (X 10(12)|L)  
 type: numeric (float)  
 range: [.5,6] units: .01  
 unique values: 388 coded missing: 296 / 2686  
 mean: 2.96368  
 std. dev: .842306  
 percentiles: 10% 25% 50% 75% 90%  
                   2.01 2.33 2.85 3.53 4.15

F48BCWB ----- CBC WBC (X 10(9)|L)  
 type: numeric (float)  
 range: [1.7,97.8] units: .1  
 unique values: 391 coded missing: 123 / 2686  
 mean: 18.1287  
 std. dev: 8.64677  
 percentiles: 10% 25% 50% 75% 90%  
                   8.5 12.1 16.7 22.3 29.1

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F48BCMV ----- CBC MCV (FL)

type: numeric (float)

range: [51,119] units: 1  
 unique values: 61 coded missing: 257 / 2686

mean: 85.3458  
 std. dev: 9.76974

percentiles:	10%	25%	50%	75%	90%
	72	79	86	92	97

F48RETIC ----- RETICULOCYTES (%)

type: numeric (float)

range: [0,50] units: .1  
 unique values: 324 coded missing: 494 / 2686

mean: 11.1596  
 std. dev: 8.20619

percentiles:	10%	25%	50%	75%	90%
	2	4.6	9.8	15.95	22.4

F48HJB ----- HOWELL JOLLY BODIES

type: numeric (float)  
 label: F48HJB

range: [1,2] units: 1  
 unique values: 2 coded missing: 903 / 2686

tabulation:	Freq.	Numeric	Label
	611	1	YES
	1172	2	NO

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F48DFPMN ----- DIFFERENTIAL PMN (%)  
 type: numeric (float)  
 range: [1,94] units: 1  
 unique values: 92 coded missing: 269 / 2686  
 mean: 58.0654  
 std. dev: 18.2282  
 percentiles: 10% 25% 50% 75% 90%  
                   31 46 60 72 80

F48DFBND ----- DIFFERENTIAL BANDS (%)  
 type: numeric (float)  
 range: [0,66] units: 1  
 unique values: 51 coded missing: 611 / 2686  
 mean: 5.22795  
 std. dev: 7.36031  
 percentiles: 10% 25% 50% 75% 90%  
                   0 1 3 7 13

F48DFBND:  
 1. F48DFBND was not collected before 10/10/80.

F48DFEOS ----- DIFFERENTIAL EOSINOPHILS (%)  
 type: numeric (float)  
 range: [0,21] units: 1  
 unique values: 18 coded missing: 408 / 2686  
 mean: 1.03731  
 std. dev: 1.8624  
 percentiles: 10% 25% 50% 75% 90%  
                   0 0 0 1 3

F48DFBAS ----- DIFFERENTIAL BASOPHILS (%)  
 type: numeric (float)  
 range: [0,68] units: 1  
 unique values: 18 coded missing: 460 / 2686  
 mean: .436658  
 std. dev: 2.69761  
 percentiles: 10% 25% 50% 75% 90%  
                   0 0 0 0 1

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F48DFLYM ----- DIFFERENTIAL LYMPHOCYTES (%)

type: numeric (float)

range: [0,97] units: 1  
 unique values: 88 coded missing: 285 / 2686

mean: 28.5144  
 std. dev: 17.3003

percentiles:	10%	25%	50%	75%	90%
	9	15	25	39	53

F48DFMON ----- DIFFERENTIAL MONOCYTES (%)

type: numeric (float)

range: [0,30] units: 1  
 unique values: 29 coded missing: 312 / 2686

mean: 6.72367  
 std. dev: 4.70955

percentiles:	10%	25%	50%	75%	90%
	1	3	6	9	13

F48DFATC ----- DIFFERENTIAL ATYPICAL CELLS (%)

type: numeric (float)

range: [0,30] units: 1  
 unique values: 20 coded missing: 475 / 2686

mean: .683853  
 std. dev: 2.05688

percentiles:	10%	25%	50%	75%	90%
	0	0	0	0	2

F48DFMM ----- DIFFERENTIAL METAMYEL|MYELOCYTES (%)

type: numeric (float)

range: [0,17] units: 1  
 unique values: 15 coded missing: 488 / 2686

mean: .210191  
 std. dev: .972281

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

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F48NRB ----- NUCLEATED RED BLOOD CELLS (|100 WBC)

type: numeric (float)

range: [0,643] units: 1  
 unique values: 75 coded missing: 384 / 2686

mean: 4.69679  
 std. dev: 22.285

percentiles: 10% 25% 50% 75% 90%  
                   0 0 0 3 10

F48LNGIN ----- LUNG INFILTRATE

type: numeric (float)  
 label: F48LNGIN

range: [1,2] units: 1  
 unique values: 2 coded missing: 637 / 2686

tabulation: Freq. Numeric Label  
                   160 1 YES  
                   1889 2 NO

F48PLEFF ----- PLEURAL EFFUSION

type: numeric (float)  
 label: F48PLEFF

range: [0,4] units: 1  
 unique values: 5 coded missing: 676 / 2686

tabulation: Freq. Numeric Label  
                   5 0 YES,NO LOCATION (0)  
                   11 1 YES, RIGHT (1)  
                   11 2 YES, LEFT (2)  
                   11 3 YES, BOTH (3)  
                   1972 4 NO (4)

F48PLEFF:

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

F48CHOTH ----- OTHER CHEST X-RAY PROBLEMS

type: numeric (float)  
 label: F48CHOTH

range: [1,2] units: 1  
 unique values: 2 coded missing: 725 / 2686

tabulation: Freq. Numeric Label  
                   80 1 YES  
                   1881 2 NO

**CODEBOOK FOR CSSCD FORM 48**  
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CSSCD FULL COHORT PATIENTS

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F48SPFL ----- SPINAL FLUID EXAM DONE

type: numeric (float)  
label: F48SPFL

range: [1,2] units: 1  
unique values: 2 coded missing: 155 / 2686

tabulation:	Freq.	Numeric	Label
	232	1	DONE
	2299	2	NOT DONE

---

F48HBS ----- HB S (%)

type: numeric (float)

range: [3,99] units: 1  
unique values: 67 coded missing: 2555 / 2686

mean: 48.9924  
std. dev: 28.209

percentiles:	10%	25%	50%	75%	90%
	12	22	49	73	89

F48HBS:

1. F48HBS was not collected before 10/10/80.
2. Response required only if patient was transfused within 4 months prior to the event.

**CODEBOOK FOR CSSCD FORM 49**  
**SEPTICEMIA AND ACUTE FEBRILE EVENT FLOW SHEET**  
CSSCD FULL COHORT PATIENTS

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F48FLOWS ----- NUMBER OF FLOW SHEETS

type: numeric (float)  
range: [0,19] units: 1  
unique values: 12 coded missing: 0 / 2686

tabulation:	Freq.	Value
	654	0
	1577	1
	347	2
	65	3
	14	4
	11	5
	5	6
	5	7
	3	8
	3	10
	1	15
	1	19

F48FLOWS:  
1. See section on computed variables.

F48FRM52 ----- IS THERE A 52 ON THE DATABASE

type: numeric (float)  
range: [0,50] units: 1  
unique values: 14 coded missing: 0 / 2686

tabulation:	Freq.	Value
	236	0
	22	30
	13	31
	19	32
	14	33
	1	34
	5	36
	3	38
	1	40
	2	42
	2	44
	2	46
	2364	48
	2	50

F48FRM52:  
1. See section on computed variables.





**CODEBOOK FOR CSSCD FORM 49**  
**SEPTICEMIA AND ACUTE FEBRILE EVENT FLOW SHEET**  
CSSCD FULL COHORT PATIENTS

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J. Data Collection Period: 03/79 – 01/86

K. Form Version Dates: 03/01/79, 10/22/81

The codebook coincides with the most recent version of the form.

L. Files Used to Store Information:

SAS System File: **R49.SD2**

Format File: **R49.FMT**

M. Unique Record Identifiers: **ANONID, F49DATE, F49SHEET**

Records within the SAS dataset are sorted by **ANONID, F49DATE, and F49SHEET** (flow sheet number).

N. Number of Observations (Patients) in SAS Dataset: 2730 (984)

O. Contents of SAS Dataset:

Alphabetical Listing of Variables: See pp. 698-700

Listing of Variables by Position: See pp. 701-703

P. Notes About Selected Variables:

- **F49SPLT1-6, F49SPLD1-6** – are variable names for spleen size below LCM and from midline respectively. The spleen size question on form versions before 10/22/81 did not specify what measurement should be recorded—all spleen size values were assumed to be size below LCM.
- **F49POSN1-F49POSN6** – are Posner stage variables. The codes used for level of consciousness (Posner stage) in **R49.SD2** are different from those used for the variable **F48POSNR** in **R48.SD2**—i.e., in **R48.SD2**, the range is from “1” (awake and alert) to “6” (unresponsive); in **R49.SD2**, the range is from “0” (awake and alert) to “5” (unresponsive).
- **F49PLT1-2, F49THRP1-2, F49THRC1-2, F49PTP1-2, F49PTC1-2, F49PTTP1-2, F49PTTC1-2, F49FIB1-2, F49FSP1-2** – are used to diagnose disseminated intravascular coagulation (DIC) at the time of a sepsis event. There are no corresponding variables in **R48.SD2**.
- **F49DTE1-F49DTE6** – are 4-digit integers composed of month and day of follow-up.

**CODEBOOK FOR CSSCD FORM 49**  
**SEPTICEMIA AND ACUTE FEBRILE EVENT FLOW SHEET**  
 CSSCD FULL COHORT PATIENTS

Q. Computed Variables: None

R. Inter-Relationship With Other Datasets:

A. Collection

“Record 49” contains daily follow-up data for acute febrile /sepsis events stored in **R48.SD2**. “Record 49” is linked to “Record 48” by **ANONID** and *date patient first sought care* (if **F48DATE=F49DATE**). The number of “Record 49s” which will link with a given “Record 48” depends on the length of hospitalization. If a patient was hospitalized (or seen daily) for  $\leq 7$  days, only one “Record 49” should be on the database (**F49SHEET=1**) for the event; if a patient was hospitalized for 8-13 days, two “Record 49s” should be on the database (**F49SHEET=1** for days 2 through 7, **F49SHEET=2** form days 8 through 13), etc. The value of **F48FLOWS** in “Record 48” is the number of “Record 49s” which will link by date with the “Record 48.” The value of **F48DHOSP** in “Record 48” is the number of days hospitalized or seen daily (i.e., the number of days information was collected on “Record 49s”).

CONTENTS OF SAS DATASET: R49.SD2  
 DATA FROM CSSCD FORM 49 - SEPTICEMIA AND ACUTE FEBRILE EVENT FLOW SHEET  
 VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION  
 IN THE SAS DATASET AND ON FORM 49

The SAS System 16:42 Tuesday, January 30, 2007 6

The CONTENTS Procedure

Data Set Name	OUT1.R49	Observations	2730
Member Type	DATA	Variables	82
Engine	V9	Indexes	0
Created	15:19 Monday, January 22, 2007	Observation Length	656
Last Modified	15:19 Monday, January 22, 2007	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information

Data Set Page Size	16384
Number of Data Set Pages	115
First Data Page	1
Max Obs per Page	24
Obs in First Data Page	7

**CODEBOOK FOR CSSCD FORM 49**  
**SEPTICEMIA AND ACUTE FEBRILE EVENT FLOW SHEET**  
 CSSCD FULL COHORT PATIENTS

Number of Data Set Repairs 0  
 File Name r49.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 #
46	F49CBHB1	Num	8	CBC HB (G DL) (DAY 3)
47	F49CBHB2	Num	8	CBC HB (G DL) (DAY 6)
48	F49CBHC1	Num	8	CBC HCT (%) (DAY 3)
49	F49CBHC2	Num	8	CBC HCT (%) (DAY 6)
50	F49CBWB1	Num	8	CBC WBC (X 10(9) L) (DAY 3)
51	F49CBWB2	Num	8	CBC WBC (X 10(9) L) (DAY 6)
58	F49DBAS1	Num	8	DIFFERENTIAL BASOPHILS (%) (DAY 3)
59	F49DBAS2	Num	8	DIFFERENTIAL BASOPHILS (%) (DAY 6)
54	F49DBDN1	Num	8	DIFFERENTIAL BANDS (%) (DAY 3)
55	F49DBDN2	Num	8	DIFFERENTIAL BANDS (%) (DAY 6)
56	F49DEOS1	Num	8	DIFFERENTIAL EOSINOPHILS (%) (DAY 3)
57	F49DEOS2	Num	8	DIFFERENTIAL EOSINOPHILS (%) (DAY 6)
60	F49DLYM1	Num	8	DIFFERENTIAL LYMPHOCYTES (%) (DAY 3)
61	F49DLYM2	Num	8	DIFFERENTIAL LYMPHOCYTES (%) (DAY 6)
62	F49DMON1	Num	8	DIFFERENTIAL MONOCYTES (%) (DAY 3)
63	F49DMON2	Num	8	DIFFERENTIAL MONOCYTES (%) (DAY 6)
52	F49DPMN1	Num	8	DIFFERENTIAL PMN (%) (DAY 3)
53	F49DPMN2	Num	8	DIFFERENTIAL PMN (%) (DAY 6)
78	F49FIB1	Num	8	FIBRINOGEN (MG DL) (DAY 3)
79	F49FIB2	Num	8	FIBRINOGEN (MG DL) (DAY 6)
80	F49FSP1	Num	8	FIBRIN SPLIT PRODUCTS (UG ML) (DAY 3)
81	F49FSP2	Num	8	FIBRIN SPLIT PRODUCTS (UG ML) (DAY 6)
3	F49HOSP	Num	8	HOSPITALIZED OR OUTPATIENT
22	F49LVR1	Num	8	LIVER - CM BELOW RCM (DAY 1)
23	F49LVR2	Num	8	LIVER - CM BELOW RCM (DAY 2)
24	F49LVR3	Num	8	LIVER - CM BELOW RCM (DAY 3)
25	F49LVR4	Num	8	LIVER - CM BELOW RCM (DAY 4)
26	F49LVR5	Num	8	LIVER - CM BELOW RCM (DAY 5)
27	F49LVR6	Num	8	LIVER - CM BELOW RCM (DAY 6)
16	F49PLSE1	Num	8	PULSE (PER MIN) (DAY 1)
17	F49PLSE2	Num	8	PULSE (PER MIN) (DAY 2)
18	F49PLSE3	Num	8	PULSE (PER MIN) (DAY 3)
19	F49PLSE4	Num	8	PULSE (PER MIN) (DAY 4)
20	F49PLSE5	Num	8	PULSE (PER MIN) (DAY 5)
21	F49PLSE6	Num	8	PULSE (PER MIN) (DAY 6)
64	F49PLT1	Num	8	PLATELET COUNT (X 10(9) L) (DAY 3)
65	F49PLT2	Num	8	PLATELET COUNT (X 10(9) L) (DAY 6)
40	F49POSN1	Num	8	POSNER STAGING (DAY 1)
41	F49POSN2	Num	8	POSNER STAGING (DAY 2)
42	F49POSN3	Num	8	POSNER STAGING (DAY 3)
43	F49POSN4	Num	8	POSNER STAGING (DAY 4)
44	F49POSN5	Num	8	POSNER STAGING (DAY 5)
45	F49POSN6	Num	8	POSNER STAGING (DAY 6)
72	F49PTC1	Num	8	P.T. CONTROL (SECS) (DAY 3)
73	F49PTC2	Num	8	P.T. CONTROL (SECS) (DAY 6)

**CODEBOOK FOR CSSCD FORM 49**  
**SEPTICEMIA AND ACUTE FEBRILE EVENT FLOW SHEET**  
 CSSCD FULL COHORT PATIENTS

70	F49PTP1	Num	8	P.T. PATIENT (SECS) (DAY 3)
71	F49PTP2	Num	8	P.T. PATIENT (SECS) (DAY 6)
76	F49PTTC1	Num	8	P.T.T. CONTROL (SECS) (DAY 3)
77	F49PTTC2	Num	8	P.T.T. CONTROL (SECS) (DAY 6)
74	F49PTTP1	Num	8	P.T.T. PATIENT (SECS) (DAY 3)
75	F49PTTP2	Num	8	P.T.T. PATIENT (SECS) (DAY 6)
10	F49RESP1	Num	8	RESPIRATION (PER MIN) (DAY 1)
11	F49RESP2	Num	8	RESPIRATION (PER MIN) (DAY 2)
12	F49RESP3	Num	8	RESPIRATION (PER MIN) (DAY 3)
13	F49RESP4	Num	8	RESPIRATION (PER MIN) (DAY 4)
14	F49RESP5	Num	8	RESPIRATION (PER MIN) (DAY 5)
15	F49RESP6	Num	8	RESPIRATION (PER MIN) (DAY 6)
2	F49SHEET	Num	8	SHEET NUMBER
34	F49SPLD1	Num	8	SPLEEN - CM FROM MIDLINE (DAY 1)
35	F49SPLD2	Num	8	SPLEEN - CM FROM MIDLINE (DAY 2)
36	F49SPLD3	Num	8	SPLEEN - CM FROM MIDLINE (DAY 3)
37	F49SPLD4	Num	8	SPLEEN - CM FROM MIDLINE (DAY 4)
38	F49SPLD5	Num	8	SPLEEN - CM FROM MIDLINE (DAY 5)
39	F49SPLD6	Num	8	SPLEEN - CM FROM MIDLINE (DAY 6)
28	F49SPLT1	Num	8	SPLEEN TIP - CM BELOW LCM (DAY 1)
29	F49SPLT2	Num	8	SPLEEN TIP - CM BELOW LCM (DAY 2)
30	F49SPLT3	Num	8	SPLEEN TIP - CM BELOW LCM (DAY 3)
31	F49SPLT4	Num	8	SPLEEN TIP - CM BELOW LCM (DAY 4)
32	F49SPLT5	Num	8	SPLEEN TIP - CM BELOW LCM (DAY 5)
33	F49SPLT6	Num	8	SPLEEN TIP - CM BELOW LCM (DAY 6)
68	F49THRC1	Num	8	THROMBIN CONTROL (SECS) (DAY 3)
69	F49THRC2	Num	8	THROMBIN CONTROL (SECS) (DAY 6)
66	F49THRP1	Num	8	THROMBIN PATIENT (SECS) (DAY 3)
67	F49THRP2	Num	8	THROMBIN PATIENT (SECS) (DAY 6)
4	F49TMP1	Num	8	TEMPERATURE (DAY 1)
5	F49TMP2	Num	8	TEMPERATURE (DAY 2)
6	F49TMP3	Num	8	TEMPERATURE (DAY 3)
7	F49TMP4	Num	8	TEMPERATURE (DAY 4)
8	F49TMP5	Num	8	TEMPERATURE (DAY 5)
9	F49TMP6	Num	8	TEMPERATURE (DAY 6)
82	JF49DATE	Num	8	DATE FIRST SOUGHT CARE - RECODE DAYS SINCE DOE

**CODEBOOK FOR CSSCD FORM 49**  
**SEPTICEMIA AND ACUTE FEBRILE EVENT FLOW SHEET**  
CSSCD FULL COHORT PATIENTS

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```
*****;  
*R49.FMT contains value labels for numerical codes assigned to  
categorical      ;  
*variables in the SAS dataset R49.SD2  
;  
*****;
```

```
* SIR/DBMS 2.2 SAS PROC STEP FROM DATABASE: CSSCD      06/02/99 16:30:30;
```

```
PROC FORMAT;
```

```
* FORMAT F49HOSP IS DEFINED FOR VARIABLE F49HOSP;
```

```
VALUE F49HOSP  
  1          = 'HOSPITALIZED'  
  2          = 'OUTPATIENT';
```

```
* FORMAT F49SPLT IS DEFINED FOR VARIABLES F49SPLT1, F49SPLT2,  
F49SPLT3, F49SPLT4, F49SPLT5, AND F49SPLT6;
```

```
VALUE F49SPLT  
 -9          = 'SPLENECTOMIZED'  
 -8          = 'TIP FELT AT LCM';
```

**CODEBOOK FOR CSSCD FORM 49**  
**SEPTICEMIA AND ACUTE FEBRILE EVENT FLOW SHEET**  
CSSCD FULL COHORT PATIENTS

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\* FORMAT F49POSN IS DEFINED FOR VARIABLES F49POSN1, F49POSN2, F49POSN3, F49POSN4, F49POSN5, AND F49POSN6;

VALUE F49POSN  
0 = '0 AWAKE'  
1 = '1 LETHARGIC'  
2 = '2 CONFUSED'  
3 = '3 STUPOROUS'  
4 = '4 COMATOSE'  
5 = '5 UNRESPONSIVE';

\* FORMAT F49FSP IS DEFINED FOR VARIABLE F49FSP1, AND F49FSP2 ;

VALUE F49FSP  
1 = '<=10'  
2 = '>10 AND <40'  
3 = '>=40';

\* FORMAT  
F49SPLT1 F49SPLT2 F49SPLT3 F49SPLT4 F49SPLT5 F49SPLT6  
F49SPLT.  
F49POSN1 F49POSN2 F49POSN3 F49POSN4 F49POSN5 F49POSN6  
F49POSN.  
F49FSP1 F49FSP2 F49FSP.  
F49HOSP F49HOSP. ;  
RUN;  
QUIT;

**CODEBOOK FOR CSSCD FORM 49**  
**SEPTICEMIA AND ACUTE FEBRILE EVENT FLOW SHEET - PAGE 1**  
 CSSCD FULL COHORT PATIENTS

F49VDATE ----- VERSION DATE **DELETED**

    type: numeric (int)  
     label: datelab

    range: [6999,7965]                    units: 1  
 unique values: 2                    coded missing: 0 / 2730

tabulation:	Freq.	Numeric	Label
	634	6999	03/01/79
	2096	7965	10/22/81

F49SHEET ----- SHEET NUMBER

    type: numeric (float)

    range: [1,19]                    units: 1  
 unique values: 19                    coded missing: 0 / 2730

tabulation:	Freq.	Value
	2034	1
	454	2
	107	3
	43	4
	29	5
	18	6
	13	7
	8	8
	5	9
	5	10
	2	11
	2	12
	2	13
	2	14
	2	15
	1	16
	1	17
	1	18
	1	19

F49HOSP ----- HOSPITALIZED OR OUTPATIENT

    type: numeric (float)  
     label: F49HOSP

    range: [1,2]                    units: 1  
 unique values: 2                    coded missing: 22 / 2730

tabulation:	Freq.	Numeric	Label
	2666	1	HOSPITALIZED
	42	2	OUTPATIENT

**CODEBOOK FOR CSSCD FORM 49**  
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 CSSCD FULL COHORT PATIENTS

F49TMP1 ----- TEMPERATURE (DAY 1)

type: numeric (float)

range: [35.5,42.6] units: .1  
 unique values: 58 coded missing: 35 / 2730

mean: 38.3343  
 std. dev: 1.00128

percentiles:	10%	25%	50%	75%	90%
	37	37.5	38.3	39.1	39.7

F49TMP2 ----- TEMPERATURE (DAY 2)

type: numeric (float)

range: [35.4,42.4] units: .1  
 unique values: 55 coded missing: 188 / 2730

mean: 37.987  
 std. dev: .907226

percentiles:	10%	25%	50%	75%	90%
	37	37.2	37.8	38.6	39.3

F49TMP3 ----- TEMPERATURE (DAY 3)

type: numeric (float)

range: [35.4,42.4] units: .1  
 unique values: 55 coded missing: 523 / 2730

mean: 37.8064  
 std. dev: .8705

percentiles:	10%	25%	50%	75%	90%
	36.9	37.2	37.6	38.3	39

F49TMP4 ----- TEMPERATURE (DAY 4)

type: numeric (float)

range: [35.4,42] units: .1  
 unique values: 51 coded missing: 1029 / 2730

mean: 37.7045  
 std. dev: .835191

percentiles:	10%	25%	50%	75%	90%
	36.8	37.1	37.5	38.2	38.9



**CODEBOOK FOR CSSCD FORM 49**  
**SEPTICEMIA AND ACUTE FEBRILE EVENT FLOW SHEET - PAGE 1**  
 CSSCD FULL COHORT PATIENTS

F49TMP5 ----- TEMPERATURE (DAY 5)

type: numeric (float)

range: [35.5,41.7] units: .1  
 unique values: 53 coded missing: 1455 / 2730

mean: 37.6518  
 std. dev: .814586

percentiles:	10%	25%	50%	75%	90%
	36.8	37	37.5	38.1	38.8

F49TMP6 ----- TEMPERATURE (DAY 6)

type: numeric (float)

range: [35.8,40.5] units: .1  
 unique values: 48 coded missing: 1767 / 2730

mean: 37.6127  
 std. dev: .818843

percentiles:	10%	25%	50%	75%	90%
	36.8	37	37.5	38	38.8

F49RESP1 ----- RESPIRATION (PER MIN) (DAY 1)

type: numeric (float)

range: [12,82] units: 1  
 unique values: 45 coded missing: 66 / 2730

mean: 29.2935  
 std. dev: 9.18554

percentiles:	10%	25%	50%	75%	90%
	20	22	28	34	40

F49RESP2 ----- RESPIRATION (PER MIN) (DAY 2)

type: numeric (float)

range: [12,82] units: 1  
 unique values: 40 coded missing: 220 / 2730

mean: 28.3227  
 std. dev: 8.74055

percentiles:	10%	25%	50%	75%	90%
	20	22	26	32	40

**CODEBOOK FOR CSSCD FORM 49**  
**SEPTICEMIA AND ACUTE FEBRILE EVENT FLOW SHEET - PAGE 1**  
 CSSCD FULL COHORT PATIENTS

F49RESP3 ----- RESPIRATION (PER MIN) (DAY 3)

type: numeric (float)

range: [10,90] units: 1  
 unique values: 44 coded missing: 547 / 2730

mean: 27.7077  
 std. dev: 8.24881

percentiles:	10%	25%	50%	75%	90%
	20	20	26	32	40

F49RESP4 ----- RESPIRATION (PER MIN) (DAY 4)

type: numeric (float)

range: [12,99] units: 1  
 unique values: 41 coded missing: 1048 / 2730

mean: 26.9756  
 std. dev: 7.98377

percentiles:	10%	25%	50%	75%	90%
	20	20	24	32	39

F49RESP5 ----- RESPIRATION (PER MIN) (DAY 5)

type: numeric (float)

range: [12,70] units: 1  
 unique values: 35 coded missing: 1472 / 2730

mean: 26.3561  
 std. dev: 7.76036

percentiles:	10%	25%	50%	75%	90%
	20	20	24	30	36

F49RESP6 ----- RESPIRATION (PER MIN) (DAY 6)

type: numeric (float)

range: [12,61] units: 1  
 unique values: 32 coded missing: 1774 / 2730

mean: 26.023  
 std. dev: 7.76173

percentiles:	10%	25%	50%	75%	90%
	20	20	24	30	36

**CODEBOOK FOR CSSCD FORM 49**  
**SEPTICEMIA AND ACUTE FEBRILE EVENT FLOW SHEET - PAGE 1**  
 CSSCD FULL COHORT PATIENTS

F49PLSE1 ----- PULSE (PER MIN) (DAY 1)

type: numeric (float)

range: [26,200] units: 1  
 unique values: 88 coded missing: 60 / 2730

mean: 118.402  
 std. dev: 22.3692

percentiles:	10%	25%	50%	75%	90%
	88	100	120	134	146

F49PLSE2 ----- PULSE (PER MIN) (DAY 2)

type: numeric (float)

range: [24,199] units: 1  
 unique values: 76 coded missing: 214 / 2730

mean: 114.578  
 std. dev: 20.9605

percentiles:	10%	25%	50%	75%	90%
	88	100	116	130	140

F49PLSE3 ----- PULSE (PER MIN) (DAY 3)

type: numeric (float)

range: [15,200] units: 1  
 unique values: 85 coded missing: 545 / 2730

mean: 112.109  
 std. dev: 20.8299

percentiles:	10%	25%	50%	75%	90%
	86	98	112	128	140

F49PLSE4 ----- PULSE (PER MIN) (DAY 4)

type: numeric (float)

range: [60,184] units: 1  
 unique values: 73 coded missing: 1049 / 2730

mean: 110.055  
 std. dev: 20.6362

percentiles:	10%	25%	50%	75%	90%
	83	96	110	124	138

**CODEBOOK FOR CSSCD FORM 49**  
**SEPTICEMIA AND ACUTE FEBRILE EVENT FLOW SHEET - PAGE 1**  
 CSSCD FULL COHORT PATIENTS

F49PLSE5 ----- PULSE (PER MIN) (DAY 5)

type: numeric (float)

range: [44,180] units: 1  
 unique values: 64 coded missing: 1470 / 2730

mean: 108.645  
 std. dev: 20.5254

percentiles:	10%	25%	50%	75%	90%
	84	92	106	122	138

F49PLSE6 ----- PULSE (PER MIN) (DAY 6)

type: numeric (float)

range: [58,184] units: 1  
 unique values: 62 coded missing: 1773 / 2730

mean: 107.305  
 std. dev: 20.4911

percentiles:	10%	25%	50%	75%	90%
	80	92	104	120	136

F49LVR1 ----- LIVER - CM BELOW RCM (DAY 1)

type: numeric (float)

range: [0,23] units: .1  
 unique values: 38 coded missing: 332 / 2730

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	1412	0		55	5
	1	.1		1	5.5
	1	.2		1	5.5999999
	1	.40000001		42	6
	6	.5		26	7
	138	1		1	7.5
	1	1.1		38	8
	1	1.2		1	8.3000002
	1	1.3		27	9
	27	1.5		3	9.5
	230	2		57	10
	2	2.3		1	10.1
	15	2.5		14	11
	1	2.5999999		4	12
	177	3		2	13
	1	3.4000001		2	14
	11	3.5		1	16
	90	4		1	18
	4	4.5		1	23

F49LVR1:

1. Round up or down, keep 1 decimal place.

**CODEBOOK FOR CSSCD FORM 49**  
**SEPTICEMIA AND ACUTE FEBRILE EVENT FLOW SHEET - PAGE 1**  
 CSSCD FULL COHORT PATIENTS

F49LVR2 ----- LIVER - CM BELOW RCM (DAY 2)

type:	numeric (float)		units:	.1
range:	[0,24]			
unique values:	38		coded missing:	502 / 2730
tabulation:	Freq. Value		tabulation:	Freq. Value
	1363 0			52 5
	1 .1			2 5.5
	3 .2			1 5.5999999
	1 .40000001			38 6
	3 .5			1 6.5
	1 .60000002			22 7
	123 1			2 7.5
	1 1.2			38 8
	1 1.3			23 9
	23 1.5			53 10
	197 2			1 10.5
	1 2.3			13 11
	13 2.5			4 12
	156 3			2 13
	1 3.2			2 14
	1 3.4000001			1 16
	8 3.5			1 18
	71 4			1 20.200001
	2 4.5			1 24

F49LVR2:  
 1. Round up or down, keep 1 decimal place.

F49LVR3 ----- LIVER - CM BELOW RCM (DAY 3)

type:	numeric (float)		units:	.1
range:	[0,23]			
unique values:	37		coded missing:	799 / 2730
tabulation:	Freq. Value		tabulation:	Freq. Value
	1189 0			36 5
	3 .1			2 5.5
	2 .2			1 5.5999999
	1 .30000001			37 6
	1 .40000001			2 6.5
	4 .5			15 7
	1 .60000002			1 7.5
	103 1			35 8
	17 1.5			23 9
	161 2			1 9.5
	1 2.3			46 10
	9 2.5			12 11
	146 3			3 12
	1 3.4000001			2 13
	5 3.5			2 14
	1 3.5999999			1 16
	1 3.8			1 18
	60 4			1 23
	4 4.5			

F49LVR3:  
 1. Round up or down, keep 1 decimal place.



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F49LVR6 ----- LIVER - CM BELOW RCM (DAY 6)

type: numeric (float)  
 range: [0,18] units: .1  
 unique values: 26 coded missing: 1910 / 2730

tabulation:	Freq.	Value	tabulation:	Freq.	Value
	510	0		22	6
	1	.2		8	7
	3	.5		1	7.5
	29	1		15	8
	2	1.2		14	9
	6	1.5		1	9.5
	64	2		26	10
	3	2.5		8	11
	65	3		2	12
	1	3.4000001		1	13
	2	3.5		1	14
	19	4		1	16
	14	5		1	18

F49LVR6:  
 1. Round up or down, keep 1 decimal place.

F49SPLT1 ----- SPLEEN TIP - CM BELOW LCM (DAY 1)

type: numeric (float)  
 label: F49SPLT1  
 range: [-9,23] units: 1  
 unique values: 16 coded missing: 349 / 2730

tabulation:	Freq.	Numeric	Label
	21	-9	SPLENECTOMIZED
	4	-8	TIP FELT AT LCM
	1920	0	
	86	1	
	111	2	
	94	3	
	50	4	
	35	5	
	18	6	
	8	7	
	15	8	
	4	9	
	10	10	
	3	11	
	1	14	
	1	23	

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F49SPLT2 ----- SPLEEN TIP - CM BELOW LCM (DAY 2)

type: numeric (float)  
 label: F49SPLT2

range: [-9,23] units: 1  
 unique values: 16 coded missing: 497 / 2730

tabulation:	Freq.	Numeric	Label
	20	-9	SPLENECTOMIZED
	3	-8	TIP FELT AT LCM
	1813	0	
	76	1	
	112	2	
	79	3	
	47	4	
	30	5	
	18	6	
	8	7	
	7	8	
	4	9	
	11	10	
	3	11	
	1	12	
	1	23	

F49SPLT3 ----- SPLEEN TIP - CM BELOW LCM (DAY 3)

type: numeric (float)  
 label: F49SPLT3

range: [-9,23] units: 1  
 unique values: 16 coded missing: 812 / 2730

tabulation:	Freq.	Numeric	Label
	17	-9	SPLENECTOMIZED
	1	-8	TIP FELT AT LCM
	1547	0	
	75	1	
	98	2	
	70	3	
	39	4	
	29	5	
	15	6	
	5	7	
	7	8	
	3	9	
	6	10	
	4	11	
	1	14	
	1	23	



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F49SPLT4 ----- SPLEEN TIP - CM BELOW LCM (DAY 4)

type: numeric (float)  
 label: F49SPLT4

range: [-9,23] units: 1  
 unique values: 15 coded missing: 1275 / 2730

tabulation:	Freq.	Numeric	Label
	14	-9	SPLENECTOMIZED
	1	-8	TIP FELT AT LCM
	1190	0	
	48	1	
	74	2	
	44	3	
	34	4	
	18	5	
	13	6	
	4	7	
	5	8	
	1	9	
	5	10	
	3	11	
	1	23	

F49SPLT5 ----- SPLEEN TIP - CM BELOW LCM (DAY 5)

type: numeric (float)  
 label: F49SPLT5

range: [-9,23] units: 1  
 unique values: 13 coded missing: 1652 / 2730

tabulation:	Freq.	Numeric	Label
	7	-9	SPLENECTOMIZED
	879	0	
	40	1	
	52	2	
	39	3	
	21	4	
	17	5	
	9	6	
	4	7	
	3	8	
	4	10	
	2	11	
	1	23	

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F49SPLT6 ----- SPLEEN TIP - CM BELOW LCM (DAY 6)

type: numeric (float)  
 label: F49SPLT6  
 range: [-9,23] units: 1  
 unique values: 12 coded missing: 1908 / 2730

tabulation:	Freq.	Numeric	Label
	6	-9	SPLENECTOMIZED
	664	0	
	24	1	
	45	2	
	28	3	
	17	4	
	15	5	
	10	6	
	4	7	
	6	10	
	2	11	
	1	23	

F49SPLD1 ----- SPLEEN - CM FROM MIDLINE (DAY 1)

type: numeric (float)  
 range: [0,12] units: 1  
 unique values: 12 coded missing: 1222 / 2730

tabulation:	Freq.	Value
	1330	0
	26	1
	22	2
	25	3
	22	4
	25	5
	16	6
	14	7
	20	8
	5	10
	1	11
	2	12

F49SPLD2 ----- SPLEEN - CM FROM MIDLINE (DAY 2)

type: numeric (float)  
 range: [0,12] units: 1  
 unique values: 12 coded missing: 1314 / 2730

tabulation:	Freq.	Value
	1248	0
	23	1
	21	2
	23	3
	21	4
	25	5
	15	6
	15	7
	18	8
	5	10
	1	11
	1	12

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F49SPLD3 ----- SPLEEN - CM FROM MIDLINE (DAY 3)

type: numeric (float)  
 range: [0,12] units: 1  
 unique values: 12 coded missing: 1508 / 2730  
 tabulation: Freq. Value

1067	0
20	1
20	2
20	3
19	4
22	5
15	6
15	7
17	8
5	10
1	11
1	12

F49SPLD4 ----- SPLEEN - CM FROM MIDLINE (DAY 4)

type: numeric (float)  
 range: [0,12] units: 1  
 unique values: 12 coded missing: 1806 / 2730  
 tabulation: Freq. Value

822	0
10	1
9	2
16	3
12	4
16	5
9	6
9	7
15	8
4	10
1	11
1	12

F49SPLD5 ----- SPLEEN - CM FROM MIDLINE (DAY 5)

type: numeric (float)  
 range: [0,12] units: 1  
 unique values: 13 coded missing: 2036 / 2730  
 tabulation: Freq. Value

620	0
3	1
8	2
10	3
9	4
12	5
6	6
7	7
13	8
1	9
3	10
1	11
1	12

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F49SPLD6 ----- SPLEEN - CM FROM MIDLINE (DAY 6)

type: numeric (float)  
 range: [0,12] units: 1  
 unique values: 12 coded missing: 2193 / 2730

tabulation:	Freq.	Value
	472	0
	3	1
	7	2
	9	3
	7	4
	9	5
	6	6
	8	7
	12	8
	1	9
	2	10
	1	12

F49POSN1 ----- POSNER STAGING (DAY 1)

type: numeric (float)  
 label: F49POSN1  
 range: [0,5] units: 1  
 unique values: 6 coded missing: 593 / 2730

tabulation:	Freq.	Numeric	Label
	2030	0	0 AWAKE
	78	1	1 LETHARGIC
	6	2	2 CONFUSED
	5	3	3 STUPOROUS
	14	4	4 COMATOSE
	4	5	5 UNRESPONSIVE

F49POSN2 ----- POSNER STAGING (DAY 2)

type: numeric (float)  
 label: F49POSN2  
 range: [0,5] units: 1  
 unique values: 6 coded missing: 733 / 2730

tabulation:	Freq.	Numeric	Label
	1905	0	0 AWAKE
	63	1	1 LETHARGIC
	9	2	2 CONFUSED
	5	3	3 STUPOROUS
	13	4	4 COMATOSE
	2	5	5 UNRESPONSIVE

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F49POSN3 ----- POSNER STAGING (DAY 3)

type: numeric (float)  
 label: F49POSN3  
 range: [0,5] units: 1  
 unique values: 6 coded missing: 618 / 2730

tabulation:	Freq.	Numeric	Label
	2016	0	0 AWAKE
	52	1	1 LETHARGIC
	10	2	2 CONFUSED
	6	3	3 STUPOROUS
	27	4	4 COMATOSE
	1	5	5 UNRESPONSIVE

F49POSN4 ----- POSNER STAGING (DAY 4)

type: numeric (float)  
 label: F49POSN4  
 range: [0,5] units: 1  
 unique values: 6 coded missing: 1099 / 2730

tabulation:	Freq.	Numeric	Label
	1552	0	0 AWAKE
	43	1	1 LETHARGIC
	7	2	2 CONFUSED
	2	3	3 STUPOROUS
	26	4	4 COMATOSE
	1	5	5 UNRESPONSIVE

F49POSN5 ----- POSNER STAGING (DAY 5)

type: numeric (float)  
 label: F49POSN5  
 range: [0,5] units: 1  
 unique values: 6 coded missing: 1497 / 2730

tabulation:	Freq.	Numeric	Label
	1173	0	0 AWAKE
	27	1	1 LETHARGIC
	6	2	2 CONFUSED
	3	3	3 STUPOROUS
	23	4	4 COMATOSE
	1	5	5 UNRESPONSIVE

F49POSN6 ----- POSNER STAGING (DAY 6)

type: numeric (float)  
 label: F49POSN6  
 range: [0,4] units: 1  
 unique values: 5 coded missing: 1774 / 2730

tabulation:	Freq.	Numeric	Label
	910	0	0 AWAKE
	18	1	1 LETHARGIC
	6	2	2 CONFUSED
	1	3	3 STUPOROUS
	21	4	4 COMATOSE



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F49CBWB1 ----- CBC WBC (X 10(9)|L) (DAY 3)  
 type: numeric (float)  
 range: [2.7,79.9] units: .1  
 unique values: 318 coded missing: 806 / 2730  
 mean: 14.5872  
 std. dev: 7.31605  
 percentiles: 10% 25% 50% 75% 90%  
                   6.7 9.5 13.3 18.1 24

F49CBWB2 ----- CBC WBC (X 10(9)|L) (DAY 6)  
 type: numeric (float)  
 range: [2,79.1] units: .1  
 unique values: 239 coded missing: 1948 / 2730  
 mean: 14.5705  
 std. dev: 7.84316  
 percentiles: 10% 25% 50% 75% 90%  
                   7.4 9.4 12.9 17.6 22.5

F49DPMN1 ----- DIFFERENTIAL PMN (%) (DAY 3)  
 type: numeric (float)  
 range: [1,96] units: 1  
 unique values: 94 coded missing: 968 / 2730  
 mean: 50.8502  
 std. dev: 19.043  
 percentiles: 10% 25% 50% 75% 90%  
                   24 37 52 66 75

F49DPMN2 ----- DIFFERENTIAL PMN (%) (DAY 6)  
 type: numeric (float)  
 range: [6,95] units: 1  
 unique values: 83 coded missing: 2028 / 2730  
 mean: 51.2222  
 std. dev: 18.4344  
 percentiles: 10% 25% 50% 75% 90%  
                   26 38 53 64 75

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F49DBDN1 ----- DIFFERENTIAL BANDS (%) (DAY 3)

type: numeric (float)

range: [0,45] units: 1  
 unique values: 35 coded missing: 1376 / 2730

mean: 3.91211  
 std. dev: 5.67776

percentiles:	10%	25%	50%	75%	90%
	0	0	2	5	11

F49DBDN2 ----- DIFFERENTIAL BANDS (%) (DAY 6)

type: numeric (float)

range: [0,42] units: 1  
 unique values: 32 coded missing: 2301 / 2730

mean: 4.37063  
 std. dev: 6.53067

percentiles:	10%	25%	50%	75%	90%
	0	0	2	5	12

F49DEOS1 ----- DIFFERENTIAL EOSINOPHILS (%) (DAY 3)

type: numeric (float)

range: [0,40] units: 1  
 unique values: 27 coded missing: 1039 / 2730

mean: 2.50266  
 std. dev: 3.53551

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

F49DEOS2 ----- DIFFERENTIAL EOSINOPHILS (%) (DAY 6)

type: numeric (float)

range: [0,40] units: 1  
 unique values: 21 coded missing: 2052 / 2730

mean: 2.85546  
 std. dev: 3.61636

percentiles:	10%	25%	50%	75%	90%
	0	0	2	4	8



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F49DBAS1 ----- DIFFERENTIAL BASOPHILS (%) (DAY 3)

type: numeric (float)

range: [0,67] units: 1  
 unique values: 10 coded missing: 1154 / 2730

mean: .432107  
 std. dev: 2.08254

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

F49DBAS2 ----- DIFFERENTIAL BASOPHILS (%) (DAY 6)

type: numeric (float)

range: [0,12] units: 1  
 unique values: 11 coded missing: 2103 / 2730

mean: .637959  
 std. dev: 1.34878

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

F49DLYM1 ----- DIFFERENTIAL LYMPHOCYTES (%) (DAY 3)

type: numeric (float)

range: [0,96] units: 1  
 unique values: 93 coded missing: 965 / 2730

mean: 35.5286  
 std. dev: 18.9083

percentiles:	10%	25%	50%	75%	90%
	13	21	33	49	62

F49DLYM2 ----- DIFFERENTIAL LYMPHOCYTES (%) (DAY 6)

type: numeric (float)

range: [0,86] units: 1  
 unique values: 83 coded missing: 2033 / 2730

mean: 33.967  
 std. dev: 18.27

percentiles:	10%	25%	50%	75%	90%
	12	20	31	47	60

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F49DMON1 ----- DIFFERENTIAL MONOCYTES (%) (DAY 3)

type: numeric (float)

range: [0,38] units: 1  
 unique values: 29 coded missing: 986 / 2730

mean: 6.83544  
 std. dev: 4.61332

percentiles:	10%	25%	50%	75%	90%
	2	3	6	9	13

F49DMON2 ----- DIFFERENTIAL MONOCYTES (%) (DAY 6)

type: numeric (float)

range: [0,37] units: 1  
 unique values: 24 coded missing: 2040 / 2730

mean: 7.01739  
 std. dev: 4.74423

percentiles:	10%	25%	50%	75%	90%
	1	3	6	10	14

F49PLT1 ----- PLATELET COUNT (X 10(9)|L) (DAY 3)

type: numeric (float)

range: [37,1916] units: 1  
 unique values: 552 coded missing: 1315 / 2730

mean: 367.697  
 std. dev: 183.294

percentiles:	10%	25%	50%	75%	90%
	175	242	341	447	592

F49PLT2 ----- PLATELET COUNT (X 10(9)|L) (DAY 6)

type: numeric (float)

range: [36,1580] units: 1  
 unique values: 347 coded missing: 2211 / 2730

mean: 414.933  
 std. dev: 214.711

percentiles:	10%	25%	50%	75%	90%
	175	263	390	511	697



### 7.7.3: Bacteremia Summary – “Form” 58

---

F49PTP1 ----- P.T. PATIENT (SECS) (DAY 3)

type: numeric (float)  
range: [9.1,60] units: .1  
unique values: 62 coded missing: 2617 / 2730  
mean: 15.8708  
std. dev: 7.98178  
percentiles: 10% 25% 50% 75% 90%  
11 11.6 12.8 14.5 29.2

F49PTP2 ----- P.T. PATIENT (SECS) (DAY 6)

type: numeric (float)  
range: [9.8,32.4] units: .1  
unique values: 32 coded missing: 2690 / 2730  
mean: 14.6175  
std. dev: 5.77154  
percentiles: 10% 25% 50% 75% 90%  
10.4 11.45 12.6 14.7 24.7

F49PTC1 ----- P.T. CONTROL (SECS) (DAY 3)

type: numeric (float)  
range: [10,37.9] units: .1  
unique values: 42 coded missing: 2624 / 2730  
mean: 13.7151  
std. dev: 6.05641  
percentiles: 10% 25% 50% 75% 90%  
10.8 11 11.7 12.5 26.8

F49PTC2 ----- P.T. CONTROL (SECS) (DAY 6)

type: numeric (float)  
range: [10,31.7] units: .1  
unique values: 19 coded missing: 2694 / 2730  
mean: 13.2222  
std. dev: 5.13059  
percentiles: 10% 25% 50% 75% 90%  
10 11.1 11.75 12.6 14

### 7.7.3: Bacteremia Summary – “Form” 58

---

F49PTTP1 ----- P.T.T. PATIENT (SECS) (DAY 3)

type: numeric (float)

range: [12,123.3] units: .1  
unique values: 79 coded missing: 2629 / 2730

mean: 36.5683  
std. dev: 19.2193

percentiles:	10%	25%	50%	75%	90%
	22.5	28	33.1	39	46.7

F49PTTP2 ----- P.T.T. PATIENT (SECS) (DAY 6)

type: numeric (float)

range: [14.2,105] units: .1  
unique values: 38 coded missing: 2688 / 2730

mean: 35.5857  
std. dev: 19.6325

percentiles:	10%	25%	50%	75%	90%
	18.5	24.8	31.4	39	46.5

F49PTTC1 ----- P.T.T. CONTROL (SECS) (DAY 3)

type: numeric (float)

range: [11,45] units: .1  
unique values: 58 coded missing: 2649 / 2730

mean: 30.1765  
std. dev: 8.54465

percentiles:	10%	25%	50%	75%	90%
	20.2	25.6	31.6	35	39.2

F49PTTC2 ----- P.T.T. CONTROL (SECS) (DAY 6)

type: numeric (float)

range: [11.5,45] units: .1  
unique values: 22 coded missing: 2698 / 2730

mean: 27.5281  
std. dev: 10.3726

percentiles:	10%	25%	50%	75%	90%
	12	24.65	26.9	34.05	45

### 7.7.3: Bacteremia Summary – “Form” 58

---

F49FIB1 ----- FIBRINOGEN (MG|DL) (DAY 3)

type: numeric (float)  
range: [120,900] units: 1  
unique values: 42 coded missing: 2684 / 2730  
mean: 404.37  
std. dev: 179.637  
percentiles: 10% 25% 50% 75% 90%  
180 253 400 495 585

F49FIB2 ----- FIBRINOGEN (MG|DL) (DAY 6)

type: numeric (float)  
range: [92,585] units: 1  
unique values: 19 coded missing: 2711 / 2730  
mean: 355.526  
std. dev: 130.417  
percentiles: 10% 25% 50% 75% 90%  
180 239 350 460 545

F49FSP1 ----- FIBRIN SPLIT PRODUCTS (UG|ML) (DAY 3)

type: numeric (float)  
label: F49FSP1  
range: [1,3] units: 1  
unique values: 3 coded missing: 2712 / 2730  
examples: .  
. .  
. .

F49FSP2 ----- FIBRIN SPLIT PRODUCTS (UG|ML) (DAY 6)

type: numeric (float)  
label: F49FSP2  
range: [1,3] units: 1  
unique values: 2 coded missing: 2725 / 2730  
tabulation: Freq. Numeric Label  
1 1 <=10  
4 3 >=40

\_dta:

1. Run on 08/16/99

A. List of variables deleted F58DATE F58LASTU

### 7.7.3: Bacteremia Summary – “Form” 58

---

- 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    **F58DATE**
- H.    New name    **JF58DATE**
- I. Collection Information:

**Form 48E (Bacteremia)**, a short version of Form 48 (Acute Febrile Illness), was used to collect minimal information about sepsis events. The form was filled out whenever a study patient entered the clinic, emergency room, or hospital at a study institution with sepsis which was not associated with osteomyelitis, septic arthritis, pneumonia, or meningitis.

In order to facilitate calculation of sepsis/bacteremia event rates throughout the entire first phase of the study, information from this form as well as positive blood culture information reported on Forms 32 (Section 7.2.1), 36 (Section 7.1.3), 42 (Section 7.5.2), 48 (Section 7.7.1), 53 (Section 7.9), and 91 (Section 9.4.1) was combined in a single dataset (**R58.SD2**)—i.e., “Form 58” is designated as the “form” source for the data in this dataset.

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

<b>Source of Data</b>	<b>Time Period Used</b>
Form 32: Acute Chest Syndrome	03/79 – 12/86
Form 36: Skeletal & Joint Events	03/79 – 12/86
Form 42: Meningitis	03/79 – 12/86
Form 48: Acute Febrile Illness	03/79 – 01/86
Form 48E: Bacteremia	02/86 – 12/86
Form 53: Comprehensive Special Event Form for Patients Entered at < 6 Months of Age	01/87 – 09/88
Form 91: Cause of Death Form	03/79 – 09/88

- K. Form Version Dates:

Form 32: 03/01/79, 03/29/79, 05/02/79, 06/11/79, 09/25/80, 03/17/82  
Form 36: 03/01/79, 05/02/79, 08/11/80  
Form 42: 03/01/79, 05/07/79, 10/10/80  
Form 48: 03/01/79, 03/29/79, 10/10/80  
Form 48E: 12/15/85  
Form 53: 11/20/86  
Form 91: 03/01/79

### 7.7.3: Bacteremia Summary – “Form” 58

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L. Files Used Store Information:

SAS System File: **R58.SD2**

Format File: **Not Applicable**

M. Unique Record Identifiers: **ANONID, F58DATE**

Records within the dataset are sorted by **ANONID** and **F58DATE**.

N. Number of Observations (Patients) in SAS Dataset: 328 (282)

O. Contents of SAS Dataset:

- Alphabetical Listing of Variables: See p. 732
- Listing of Variables by Position: See p. 733

P. Notes About Selected Variables:

- **F58FORM1-3** – are the variables that identify the “record” numbers for the forms completed for the event. The following numbers are the only valid codes for these 3 variables:

<u>Code</u>	<u>Form #</u>	<u>Source</u>	<u>Form Name</u>	<u>SAS Dataset Source</u>
32	32		Acute Chest Syndrome	<b>R32.SD2</b>
36	36		Skeletal & Joint Events	<b>R36.SD2</b>
42	42		Meningitis	<b>R42.SD2</b>
48	48		Acute Febrile Illness	<b>R48.SD2</b>
53	53		Comprehensive Special Event Form For Patients Entered At < 6 Months	<b>R53.SD2</b>
88	48E		Bacteremia	<b>R58.SD2</b>
91	91		Cause of Death Form	<b>R91.SD2</b>

- **F58ORG** – is the variable name for organism cultured in blood. All blood culture specimens which were positive for *Staph epidermidis* (Pathogen List code # 120) were considered contaminated; as a result, **R58.SD2** does not contain summary information for events during which this organism was cultured in blood.

Q. Computed Variables: None

R. Inter-Relationship With Other Datasets:

The easiest way to retrieve additional information about bacteremia events is to use **F58DATE** to link with the date variable in the dataset (use **F58FORM1-F58FORM3** to identify dataset(s)) that contain data for the event—e.g., if **F48DATE=F58DATE** if



### 7.7.3: Bacteremia Summary – “Form” 58

---

Form 48 (**F58FORM1=48**) was the data collection source for the event). [See Section 7.7.1J for additional notes.]

# CODEBOOK FOR CSSCD "FORM" 58

## BACTEREMIA SUMMARY

CSSCD FULL COHORT PATIENTS

---

CONTENTS OF SAS DATASET: R58.SD2

DATA FROM CSSCD "FORM" 58 - BACTEREMIA SUMMARY

VARIABLES ARE LISTED IN ALPHABETICAL ORDER AND IN ORDER OF THEIR POSITION  
IN THE SAS DATASET

The SAS System 10:35 Wednesday, January 31, 2007 1

The CONTENTS Procedure

Data Set Name	OUT1.R58	Observations	328
Member Type	DATA	Variables	6
Engine	V9	Indexes	0
Created	16:31 Monday, January 22, 2007	Observation Length	48
Last Modified	16:31 Monday, January 22, 2007	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information

Data Set Page Size	4096
Number of Data Set Pages	5
First Data Page	1
Max Obs per Page	84
Obs in First Data Page	47
Number of Data Set Repairs	0
File Name	r58.sas7bdat
Release Created	9.0000M0
Host Created	XP_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	ANONID	Char	8	ANONYMIZED ID #
2	F58FORM1	Num	8	RECORD # FOR EVENT FORM COMPLETED
3	F58FORM2	Num	8	RECORD # FOR EVENT FORM COMPLETED
4	F58FORM3	Num	8	RECORD # FOR EVENT FORM COMPLETED
5	F58ORG	Num	8	ORGANISM CULTURED IN BLOOD
6	JF58DATE	Num	8	DATE OF SEPSIS - RECODE DAYS SINCE DOE

**CODEBOOK FOR CSSCD "FORM" 58**

**BACTEREMIA SUMMARY**

CSSCD FULL COHORT PATIENTS

---

---

## 7.7.0: Acute Febrile Events/Sepsis - Overview

---

F58FORM1 ----- RECORD # FOR EVENT FORM COMPLETED

type: numeric (float)

range: [32,91] units: 1  
unique values: 8 coded missing: 0 / 328

tabulation:	Freq.	Value
	34	32
	15	36
	8	42
	7	43
	205	48
	31	53
	10	88
	18	91

F58FORM2 ----- RECORD # FOR EVENT FORM COMPLETED

type: numeric (float)

range: [32,91] units: 1  
unique values: 5 coded missing: 252 / 328

tabulation:	Freq.	Value
	34	32
	16	36
	8	42
	2	48
	16	91

F58FORM3 ----- RECORD # FOR EVENT FORM COMPLETED

type: numeric (float)

range: [36,91] units: 1  
unique values: 4 coded missing: 318 / 328

tabulation:	Freq.	Value
	1	36
	2	42
	1	62
	6	91

F58ORG ----- ORGANISM CULTURED IN BLOOD

---

## 7.7.0: Acute Febrile Events/Sepsis - Overview

---

type: numeric (float)

range: [105,9000]  
unique values: 24

units: 1  
coded missing: 0 / 328

tabulation:	Freq.	Value
	2	105
	23	110
	14	130
	6	140
	1	160
	141	170
	3	202
	1	203
	1	301
	57	401
	20	404
	7	405
	6	408
	3	410
	1	411
	1	412
	1	800
	29	1200
	1	1300
	1	2100
	1	2200
	1	3100
	1	6810
	6	9000

F58ORG:

1. See Appendix H - PATHOGEN LIST

\_dta:

1. Created 05/26/00.