ICDB Interstitial Cystitis Data Base

ICDB / SAS Datasets Documentation

J. Richard Landis, Ph.D.

ICDB Study Data Coordinating Center (DCC)
Center for Clinical Epidemiology and Biostatistics (CCEB)
University of Pennsylvania School of Medicine
Philadelphia, PA

TABLE of CONTENTS

I. Overview of ICDB Study

ICDB Study Design

Observational, longitudinal study (maximum 3.25 years)

Multicenter study with 5 clinical centers comprising 9 hospitals
      1)   University of California at San Diego
      2)   University of Pennsylvania
              Temple University
              Graduate Hospital
      3)   University of Oklahoma
      4)   University of Wisconsin - Madison
              Northwestern University
      5)   Henry Ford Hospital
              William Beaumont Hospital

Mild to severe symptom subgroups

Baseline urodynamics for all patients

Cystoscopy, hydrodistention, and biopsy when clinically indicated

Eligibility Criteria

Inclusion criteria

·   At least 18 years of age;
·   Symptoms of urinary urgency, frequency, pain for at least 6 months;
·   Scoring at least 1 on the frequency, pain, or urgency scales

Exclusion criteria

·   Unwilling to undergo a cystoscopy

·   History of
- genito-urinary tuberculosis or having a positive culture for tuberculosis;
- bladder cancer
- lower urinary tract or gynecologic cancer within past 3 years
- cytoxan/cyclophosphamide treatment
- prior pelvic radiation therapy
- augmentation cystoplasty
- cystectomy
- cystolysis or bladder denervation procedure
- neurectomy affecting bladder function

·   Positive biopsy for bladder or prostrate cancer

·   For males,
- clinical suspicion of prostate cancer
- having a bladder outlet obstruction (voiding detrusor pressure > 100 cm H_2O, peak flow rate < 10 cc/sec, minimum voiding volume of 125 cc)

·   For females,
- having a bladder outlet obstruction, (voiding detrusor pressure > 60 cm H_2O, peak flow rate < 10 cc/sec, minimum voiding volume of 125 cc)

·   Neurogenic bladder dysfunction

·   Urethral stricture of less than 12 French.

Deferral criteria

·   Urinalysis indicating > 10 WBC/HPF, a negative urine culture, and waiting for Tb urine culture results → Results available and negative

·   Positive urine culture in the past 3 months or positive urine culture ($>10^5$ colonies/ml) at presentation → Absent of condition for 3 months

- For females
  - Symptoms of vaginitis and a positive wet prep for bacteria, clue cell, trichomonas, or a positive KOH test for yeast → Asymptomatic

- Active herpes at presentation, or in the past 3 months → Absent of symptoms for 3 months

- For males
  - Positive culture for bacterial prostatitis within the past 6 months → Absent of condition for 6 months
  - Painful ejaculation or suspicion for prostatitis and expressed prostatic secretions (EPS) or a positive VB3 culture → Absent of condition for 6 months

- Presents with urethritis → Absent of symptoms for 3 months

- Bladder, ureteral, or urethral calculi → Absent of calculi for 3 months

- Within last 3 months if undergone
  - Cystometrogram
  - Bladder cystoscopy under full anesthesia
  - Bladder biopsy under full anesthesia
  - Urethral dilation
    → 3 months since date of procedure

Type of Data Collected

· **Eligibility/exclusion/deferral criteria**
        Inclusion Checklist
        Deferral Checklist #1
        Deferral Checklist #2
        Exclusion Checklist #1
        Exclusion Checklist #2
        Exclusion Checklist #3
        Screening Sign-Off

· **Patient and family history**
        Medical History
        Pregnancy History
        Prior Diagnostic Tests and Treatments
        Family History
        Symptom History

· **Medication and treatment history**
        Concomitant Medications
        Physician's Evaluation and Treatment

· **Patient symptoms**
        Pain and Urgency Scales
        Patient Symptoms (clinic visit)
        Quality of Life

· **Voiding logs**

· **Dietary history**

· **Clinical examinations**
        Medical Events and Patient's Treatment Evaluation
        Physical Examination

· **Laboratory results**
        Hematology
        Urinalysis

· **Diagnostic procedures**
        Urodynamic Evaluation
        Cystoscopy

II. Individual SAS Datasets from CRFs

/individual_data
These are the individual SAS datasets that come directly from the CRF forms.

The SF-36 summary scores for the MCS and PCS, plus the 8 individual scales have been merged onto qul.sas7bdat.

NOTE: Subject 510018 was removed from all derived analysis datasets, but remains in these individual form datasets. This patient had urodynamics performed before baseline inclusion eligibility criteria was checked, and was hence ineligible.

SAS data set name	II.1.1 Description / Form Title
back.sas7bdat	Background Information
backf.sas7bdat	Background Information
biop.sas7bdat	Biopsy Form
biop_rev.sas7bdat	*table containing batch number and specimen and slide adequacy data for each specimen included in the biopsy review*
bmap_cd.sas7bdat	*II.2 Codes for biopsy location from (D)CYST, SLTR, TRACK forms*
close.sas7bdat	Future Contact Information
cntry_cd.sas7bdat	*II.3 Country codes from BACK form*
cyst.sas7bdat	Cystoscopy
dcyst.sas7bdat	Cystoscopy – *contains biopsy locations from bladder map*
dcyst_lc.sas7bdat	*II.4 Pathology locations for CYST form*
def1.sas7bdat	Deferral Checklist #1
def2.sas7bdat	Deferral Checklist #2
diet.sas7bdat	Dietary Habits
emp_cd.sas7bdat	*II.5 Employment status codes from BACK form*
excl1.sas7bdat	Exclusion Checklist #1
excl2.sas7bdat	Exclusion Checklist #2
excl3.sas7bdat	Exclusion Checklist #3
fhx.sas7bdat	Family History
hem.sas7bdat	Hematology
incl.sas7bdat	Inclusion Criteria
med.sas7bdat	Medical Events & Patient Treatment Evaluation Form
medhx.sas7bdat	Patient Medical History
medhxf.sas7bdat	Patient Medical History Update
medtrt.sas7bdat	Contains medication and treatment data recorded on the PHYTRT and CMED forms.
phs.sas7bdat	Physical Exam
phytrt.sas7bdat	Physician's Evaluation & Treatment Plan
pnloc_cd.sas7bdat	*II.6 Pain location codes from SYMPTS form*
preg.sas7bdat	Pregnancy History
prior.sas7bdat	Prior Diagnoses & Treatment – *questions 1 through 46*
priortrt.sas7bdat	Prior Diagnoses & Treatment – *questions 47 plus*
purg.sas7bdat	Pain & Urgency Scales

SAS data set name	II.1.1 Description / Form Title
qul.sas7bdat	Quality of Life
race_cd.sas7bdat	*II.7 Race codes from BACK form*
rein.sas7bdat	Patient Reinstatement Form
rein_cd.sas7bdat	*II.8 Reasons for patient reinstatement into the study from REIN form*
relig_cd.sas7bdat	*II.9 Religion codes from BACK form*
scr.sas7bdat	SCR (screening) form
sltr.sas7bdat	Biopsy Slide Tracking Form
state_cd.sas7bdat	*II.10 State codes from BACK form*
subjstat.sas7bdat	table containing status variables, scrcomp & withrein, for each patient
survey.sas7bdat	Opinion Survey
symhx.sas7bdat	Symptom History
symph.sas7bdat	Symptom Questionnaire
sympts.sas7bdat	Symptom Questionnaire
track.sas7bdat	Biopsy Specimen Tracking Form
trt_cd.sas7bdat	*codes for medications & treatments CMED & PHYTRT forms*
urn.sas7bdat	Macroscopic Urinalysis
urod.sas7bdat	Urodynamic Evaluation
void.sas7bdat	Volume Voiding Profile – Pain & Urgency scales
void_log.sas7bdat	Volume Voiding Profile
with_cd.sas7bdat	*II.11 Reasons for patient withdrawal from study from WITH form*
withd.sas7bdat	Patient Withdrawal Form

```
                        The SAS System   10:06 Thursday, February 17, 2005

                    The CONTENTS Procedure

Data Set Name: OUT.BACK                          Observations:        638
Member Type:   DATA                              Variables:           16
Engine:        V8                                Indexes:             0
Created:       10:06 Thursday, February 17, 2005 Observation Length:  128
Last Modified: 10:06 Thursday, February 17, 2005 Deleted Observations: 0
Protection:                                      Compressed:          NO
Data Set Type:                                   Sorted:              NO
Label:


                  -----Engine/Host Dependent Information-----

Data Set Page Size:        16384
Number of Data Set Pages:  6
First Data Page:           1
Max Obs per Page:          127
Obs in First Data Page:    105
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/back.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520692
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         106496


                  -----Alphabetic List of Variables and Attributes-----

   #  Variable Type Len Pos Format      Informat  Label
   ----------------------------------------------------------------------
   5  B_DATE   Num   8   32 MMDDYY8.    MMDDYY8.  date of birth
   8  COUNTRY  Num   8   56 CNTRY_CD.   4.        country of birth
  13  ED_LEVEL Num   8   96 EDUSTAT.    4.        level of education
  14  EMP_ST   Num   8  104 EMP_CD.     4.        employment status
  10  ETHNIC   Num   8   72 YN.         4.        origin (Latino or Hispanic)
  16  INCOME   Num   8  120 INCOME.     4.        household income
  15  JOB_CHNG Num   8  112 YN.         4.        urinary symptoms - job change
  12  MAR_ST   Num   8   88 MARSTAT.    4.        marital status
   9  RACE     Num   8   64 RACE_CD.    4.        race
  11  RELIG    Num   8   80 RELIG_CD.   4.        religion
   4  R_ID     Num   8   24 6.          6.        reviewer ID number
   6  SEX      Num   8   40 SEX.        4.        sex
   7  STATE    Num   8   48 STATE_CD.   6.        state of birth
   1  SUBJ     Num   8    0 11.         11.       patient ID number
   3  V_DATE   Num   8   16 MMDDYY8.    MMDDYY8.  visit date
   2  V_TYPE   Num   8    8 4.          4.        visit type: month of visit
```

The SAS System   10:06 Thursday, February 17, 2005

The CONTENTS Procedure

Data Set Name: OUT.BACKF	Observations:	346
Member Type: DATA	Variables:	10
Engine: V8	Indexes:	0
Created: 10:06 Thursday, February 17, 2005	Observation Length:	80
Last Modified: 10:06 Thursday, February 17, 2005	Deleted Observations:	0
Protection:	Compressed:	NO
Data Set Type:	Sorted:	NO
Label:		

-----Engine/Host Dependent Information-----

Data Set Page Size: 8192
Number of Data Set Pages: 4
First Data Page: 1
Max Obs per Page: 101
Obs in First Data Page: 74
Number of Data Set Repairs: 0
File Name: /project/ic-interim/programs/NIDDKrepository/
                           individual_data/backf.sas7bdat
Release Created: 8.0202M0
Host Created: SunOS
Inode Number: 1520673
Access Permission: rw-rw----
Owner Name: cbrensin
File Size (bytes):   40960

-----Alphabetic List of Variables and Attributes-----

#	Variable	Type	Len	Pos	Format	Informat	Label
7	ED_LEVEL	Num	8	48	EDUSTAT.	4.	level of education
8	EMP_ST	Num	8	56	EMP_CD.	4.	employment status
10	INCOME	Num	8	72	INCOME.	4.	household income
9	JOB_CHNG	Num	8	64	YN.	4.	urinary symptom - job change
6	MAR_ST	Num	8	40	MARSTAT.	4.	marital status
5	RELIG	Num	8	32	RELIG_CD.	4.	religion
4	R_ID	Num	8	24	6.	6.	reviewer ID number
1	SUBJ	Num	8	0	11.	11.	patient ID number
3	V_DATE	Num	8	16	MMDDYY8.	MMDDYY8.	visit date
2	V_TYPE	Num	8	8	4.	4.	visit type: month of visit

```
                         The SAS System    10:06 Thursday, February 17, 2005

                       The CONTENTS Procedure

Data Set Name: OUT.BIOP                          Observations:          2250
Member Type:   DATA                              Variables:             52
Engine:        V8                                Indexes:               0
Created:       10:06 Thursday, February 17, 2005 Observation Length:    416
Last Modified: 10:06 Thursday, February 17, 2005 Deleted Observations:  0
Protection:                                      Compressed:            NO
Data Set Type:                                   Sorted:                NO
Label:


                     -----Engine/Host Dependent Information-----

Data Set Page Size:       40960
Number of Data Set Pages: 24
First Data Page:          1
Max Obs per Page:         98
Obs in First Data Page:   78
Number of Data Set Repairs: 0
File Name:                /project/ic-interim/programs/NIDDKrepository/
                          individual_data/biop.sas7bdat
Release Created:          8.0202M0
Host Created:             SunOS
Inode Number:             1520695
Access Permission:        rw-rw----
Owner Name:               cbrensin
File Size (bytes):        991232


                   -----Alphabetic List of Variables and Attributes-----

 # Variable Type Len Pos Format    Informat Label
-------------------------------------------------------------------------------
 5 BIOP_1   Num   8  24 E14.       E14.     mast cell count: detrusor
                                            muscle(blue stain)
 6 BIOP_2   Num   8  32 E14.       E14.     mast cell count: lamina
                                            propria (blue stain)
 7 BIOP_3   Num   8  40 E14.       E14.     mast cell count: urothelium (blue stain)
 8 BIOP_4   Num   8  48 E14.       E14.     mast cell count: detrusor
                                            muscle(tryptase stain)
 9 BIOP_5   Num   8  56 E14.       E14.     mast cell count: lamina
                                            propria(tryptase stain)
10 BIOP_6   Num   8  64 E14.       E14.     mast cell count: urothelium(tryptase
                                            stain)
11 BIOP_7   Num   8  72 BIOP7F.    6.       deep muscle obtained
12 BIOP_8   Num   8  80 YNDNA.     6.       lamina propria prescence
16 BIOP_10  Num   8 112 YNDNA.     6.       granulation tissue lamina propria
17 BIOP_11  Num   8 120 BIOP11F.   6.       % mucosa denuded of urothelium
18 BIOP_12  Num   8 128 BIOP12F.   6.       submucosal hemorrhage
19 BIOP_13  Num   8 136 BIOP13F.   6.       qualitative distr'n submucosal hemorrhage
20 BIOP_14  Num   8 144 BIOP12F.   6.       submucosal granulation tissue
21 BIOP_15  Num   8 152 YNDNA.     6.       hyperplastic muscularis mucosa
25 BIOP_17  Num   8 184 YNDNA.     6.       mononuclear endothelitis
26 BIOP_18  Num   8 192 YNDNA.     6.       transmural mononuclear vasculitis
30 BIOP_20  Num   8 224 YNDNA.     6.       mucosal edema
35 BIOP_22  Num   8 264 BIOP22F.   6.       reactive urothelial change
36 BIOP_23  Num   8 272 YNDNA.     6.       urothelial hyperplasia
37 BIOP_24  Num   8 280 BIOP24F.   6.       LCA stain & lymphocyte infiltrate
38 BIOP_25  Num   8 288 BIOP25F.   6.       urothelial hematopoietic cells LCA stain
39 BIOP_26  Num   8 296 BIOP26F.   6.       lamina propria hematopoietic
                                            cells LCA stain
40 BIOP_27  Num   8 304 BIOP13F.   6.       distr'n of lamina propria
                                            infiltrate LCA stain
```

```
                        The SAS System   10:06 Thursday, February 17, 2005

                        The CONTENTS Procedure

             -----Alphabetic List of Variables and Attributes-----

  # Variable Type Len Pos Format    Informat Label
 ----------------------------------------------------------------------------
 41 BIOP_28  Num    8 312 BIOP28F. 6.       muscularis propria hematopoietic
                                            cells LCA stain
 42 BIOP_29  Num    8 320 BIOP13F. 6.       distr'n of muscularis propria
                                            infiltrate LCA stain
 43 BIOP_30  Num    8 328 BIOP30F. 6.       lamina propria collagen
                                            quality trichrome stain
 44 BIOP_31  Num    8 336 BIOP28F. 6.       fibrosis of detrusor muscle
                                            on trichrome stain
 45 BIOP_32  Num    8 344 BIOP26F. 6.       nerves in lamina propria in S100 stain
 46 BIOP_33  Num    8 352 BIOP28F. 6.       nerves in muscularis propria on S100 stain
 47 BIOP_34  Num    8 360 BIOP26F. 6.       S100 positive mononuclear
                                            cells in lamina propria
 48 BIOP_35  Num    8 368 YNDNA.   6.       perineural inflammation on S100 stain
 49 BIOP_36  Num    8 376 BIOP36F. 6.       vessels in lamina propria in F8 stain
 50 BIOP_37  Num    8 384 BIOP37F. 6.       distr'n of vessels in lamina
                                            propria F8 stain
 51 BIOP_38  Num    8 392 BIOP28F. 6.       vessels in muscularis propria on F8 stain
 52 BIOP_39  Num    8 400 BIOP39F. 6.       distr'n of vessels  muscularis
                                            propria F8 stain
 22 BIOP_16A Num    8 160 YNDNA.   6.       eosinophilia in urothelium
 23 BIOP_16B Num    8 168 YNDNA.   6.       eosinophilia in lamina propria
 24 BIOP_16C Num    8 176 YNDNA.   6.       eosinophilia in muscularis propria
 27 BIOP_19A Num    8 200 YNDNA.   6.       detrusor myopathy: vacuolar degeneration
 28 BIOP_19B Num    8 208 YNDNA.   6.       detrusor myopathy: nuclear pyknosis
 29 BIOP_19C Num    8 216 YNDNA.   6.       detrusor myopathy: nuclear karyorrhexsis
 31 BIOP_21A Num    8 232 YNDNA.   6.       urothelial metaplasia: squamous metaplasia
 32 BIOP_21B Num    8 240 YNDNA.   6.       urothelial metaplasia: mucinous metaplasia
 33 BIOP_21C Num    8 248 YNDNA.   6.       urothelial metaplasia:
                                            nephrogenic metaplasia
 34 BIOP_21D Num    8 256 YNDNA.   6.       urothelial metaplasia:
                                            glandular metaplasia
 13 BIOP_9A  Num    8  88 YNDNA.   6.       urothelial status: completely denuded
 14 BIOP_9B  Num    8  96 YNDNA.   6.       urothelial status: discontinuities
 15 BIOP_9C  Num    8 104 YNDNA.   6.       urothelial status: wedge shaped ulcers
  2 RDR_ID   Char   4 408 $RDRID.  $4.      reader_id
  4 REV_DATE Num    8  16 MMDDYY8. MMDDYY8. review_date
  1 SPEC_ID  Num    8   0 11.      11.      spec_id
  3 V_DATE   Num    8   8 MMDDYY8. MMDDYY8. visit date
```

```
                         The SAS System   10:06 Thursday, February 17, 2005

                       The CONTENTS Procedure

Data Set Name: OUT.BIOP_REV                     Observations:          764
Member Type:   DATA                             Variables:             12
Engine:        V8                               Indexes:               0
Created:       10:06 Thursday, February 17, 2005  Observation Length:  96
Last Modified: 10:06 Thursday, February 17, 2005  Deleted Observations: 0
Protection:                                     Compressed:            NO
Data Set Type:                                  Sorted:                NO
Label:


                    -----Engine/Host Dependent Information-----

Data Set Page Size:        8192
Number of Data Set Pages:  10
First Data Page:           1
Max Obs per Page:          84
Obs in First Data Page:    60
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/biop_rev.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520694
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         90112


                    -----Alphabetic List of Variables and Attributes-----

   #   Variable   Type   Len   Pos   Format     Informat    Label
 --------------------------------------------------------------------------------
   5   BATCH      Num    8     32    11.        11.         batch
  10   F8_INAD    Num    8     72    4.         4.          f8_inadq
   7   LCA_INAD   Num    8     48    4.         4.          lca_inadq
  11   LIB_INAD   Num    8     80    4.         4.          ltb_inadq
   9   S100_INA   Num    8     64    4.         4.          s100_inadq
   1   SPEC_ID    Num    8      0    11.        11.         spec_id
   6   SPEC_INA   Num    8     40    4.         4.          spec_inadq
   3   SUBJ       Num    8     16    11.        11.         patient ID number
   8   TRI_INAD   Num    8     56    4.         4.          tri_inadq
  12   TRYP_INA   Num    8     88    4.         4.          tryp_inadq
   2   V_DATE     Num    8      8    MMDDYY8.   MMDDYY8.    visit date
   4   V_TYPE     Num    8     24    11.        11.         visit type: month of visit
```

```
                          The SAS System    10:06 Thursday, February 17, 2005

                       The CONTENTS Procedure

Data Set Name: OUT.BMAP_CD                        Observations:          23
Member Type:   DATA                               Variables:             2
Engine:        V8                                 Indexes:               0
Created:       10:06 Thursday, February 17, 2005  Observation Length:    48
Last Modified: 10:06 Thursday, February 17, 2005  Deleted Observations:  0
Protection:                                       Compressed:            NO
Data Set Type:                                    Sorted:                NO
Label:


                   -----Engine/Host Dependent Information-----

Data Set Page Size:        8192
Number of Data Set Pages:  1
First Data Page:           1
Max Obs per Page:          169
Obs in First Data Page:    23
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/bmap_cd.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520696
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         16384


                 -----Alphabetic List of Variables and Attributes-----

        #    Variable   Type    Len    Pos    Format    Informat    Label
        ----------------------------------------------------------------
        2    CODE       Num      8      0     4.        4.          code
        1    NAME       Char    40      8     $40.      $40.        name
```

```
                          The SAS System   10:06 Thursday, February 17, 2005

                     The CONTENTS Procedure

Data Set Name: OUT.CLOSE                        Observations:          638
Member Type:   DATA                             Variables:             10
Engine:        V8                               Indexes:               0
Created:       10:06 Thursday, February 17, 2005  Observation Length:  80
Last Modified: 10:06 Thursday, February 17, 2005  Deleted Observations: 0
Protection:                                     Compressed:            NO
Data Set Type:                                  Sorted:                NO
Label:


                -----Engine/Host Dependent Information-----

Data Set Page Size:          8192
Number of Data Set Pages:    7
First Data Page:             1
Max Obs per Page:            101
Obs in First Data Page:      75
Number of Data Set Repairs:  0
File Name:                   /project/ic-interim/programs/NIDDKrepository/
                             individual_data/close.sas7bdat
Release Created:             8.0202M0
Host Created:                SunOS
Inode Number:                1520693
Access Permission:           rw-rw----
Owner Name:                  cbrensin
File Size (bytes):           65536


                -----Alphabetic List of Variables and Attributes-----

        #    Variable   Type   Len   Pos   Format      Informat    Label
        -------------------------------------------------------------------
        6    CONTACT    Num    8     32    6.          6.          contact
        5    ECODE      Char   4     72    $4.         $4.         ecode
        4    ENTRYNO    Num    8     24    4.          4.          entryno
       10    PIDATE     Num    8     64    MMDDYY8.    MMDDYY8.    pidate
        9    PISIGN     Num    8     56    6.          6.          pisign
        8    RCDATE     Num    8     48    MMDDYY8.    MMDDYY8.    rcdate
        7    RCSIGN     Num    8     40    6.          6.          rcsign
        1    SUBJ       Num    8     0     11.         11.         subj
        3    V_DATE     Num    8     16    MMDDYY8.    MMDDYY8.    v_date
        2    V_TYPE     Num    8     8     4.          4.          v_type
```

```
                          The SAS System    10:06 Thursday, February 17, 2005

                       The CONTENTS Procedure

Data Set Name: OUT.CNTRY_CD                      Observations:          25
Member Type:   DATA                              Variables:             2
Engine:        V8                                Indexes:               0
Created:       10:06 Thursday, February 17, 2005 Observation Length:    40
Last Modified: 10:06 Thursday, February 17, 2005 Deleted Observations:  0
Protection:                                      Compressed:            NO
Data Set Type:                                   Sorted:                NO
Label:


                 -----Engine/Host Dependent Information-----

Data Set Page Size:       8192
Number of Data Set Pages: 1
First Data Page:          1
Max Obs per Page:         203
Obs in First Data Page:   25
Number of Data Set Repairs: 0
File Name:                /project/ic-interim/programs/NIDDKrepository/
                          individual_data/cntry_cd.sas7bdat
Release Created:          8.0202M0
Host Created:             SunOS
Inode Number:             1520698
Access Permission:        rw-rw----
Owner Name:               cbrensin
File Size (bytes):        16384


              -----Alphabetic List of Variables and Attributes-----

     #    Variable   Type   Len   Pos   Format   Informat   Label
     ----------------------------------------------------------------
     2    CODE       Num     8     0    4.       4.         code
     1    NAME       Char   25     8    $25.     $25.       name
```

```
                           The SAS System    10:06 Thursday, February 17, 2005

                       The CONTENTS Procedure

Data Set Name: OUT.CYST                           Observations:          388
Member Type:   DATA                               Variables:             23
Engine:        V8                                 Indexes:               0
Created:       10:06 Thursday, February 17, 2005  Observation Length:    184
Last Modified: 10:06 Thursday, February 17, 2005  Deleted Observations:  0
Protection:                                       Compressed:            NO
Data Set Type:                                    Sorted:                NO
Label:


                  -----Engine/Host Dependent Information-----

Data Set Page Size:        16384
Number of Data Set Pages:  5
First Data Page:           1
Max Obs per Page:          88
Obs in First Data Page:    68
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/cyst.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520697
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         90112


               -----Alphabetic List of Variables and Attributes-----

   #  Variable Type  Len  Pos  Format     Informat  Label
   --------------------------------------------------------------------------
   5  CYST_1   Num    8   32  ANESTH.     4.        anesthesia
   6  CYST_2   Num    8   40  NANE.       4.        urethra
   7  CYST_3   Num    8   48  PA.         4.        urethral or prostatic calculi
   8  CYST_4   Num    8   56  YN.         4.        urethral diverticulum
   9  CYST_5   Num    8   64  CYST_NA.    4.        orifices
  10  CYST_6   Num    8   72  YN.         4.        psuedomembraneous trigone
  11  CYST_7   Num    8   80  PA.         4.        bladder calculi
  12  CYST_8   Num    8   88  YN.         4.        tumors
  13  CYST_9   Num    8   96  PA.         4.        Hunner's patch
  14  CYST_10  Num    8  104  PA.         4.        scars
  15  CYST_11  Num    8  112  VASC.       4.        vascularity
  17  CYST_12  Num    8  128  8.3         8.3       bladder capacity
  18  CYST_13  Num    8  136  YN.         4.        bloody effluent
  19  CYST_14  Num    8  144  NMMS.       4.        glomerulations-severity
  20  CYST_15  Num    8  152  GLOMLOC.    4.        glomerulations-distribution
  21  CYST_17  Num    8  160  BIOPPATH.   4.        biopsy 1 - home institution
  22  CYST_18  Num    8  168  BIOPPATH.   4.        biopsy 2 - APL
  23  CYST_19  Num    8  176  BIOPPATH.   4.        biopsy 3 - APL
  16  CYST_HB  Num    8  120  CYSTTYPE.   4.        hydrodistention & biopsy
   4  P_ID     Num    8   24  6.          6.        physician ID number
   1  SUBJ     Num    8    0  11.         11.       patient ID number
   3  V_DATE   Num    8   16  MMDDYY8.    MMDDYY8.  visit date
   2  V_TYPE   Num    8    8  4.          4.        visit type: month of visit
```

```
                              The SAS System    10:06 Thursday, February 17, 2005

                            The CONTENTS Procedure

Data Set Name: OUT.DCYST                              Observations:          291
Member Type:   DATA                                   Variables:             6
Engine:        V8                                     Indexes:               0
Created:       10:06 Thursday, February 17, 2005      Observation Length:    48
Last Modified: 10:06 Thursday, February 17, 2005      Deleted Observations:  0
Protection:                                           Compressed:            NO
Data Set Type:                                        Sorted:                NO
Label:


                     -----Engine/Host Dependent Information-----

Data Set Page Size:         8192
Number of Data Set Pages:   2
First Data Page:            1
Max Obs per Page:           169
Obs in First Data Page:     133
Number of Data Set Repairs: 0
File Name:                  /project/ic-interim/programs/NIDDKrepository/
                            individual_data/dcyst.sas7bdat
Release Created:            8.0202M0
Host Created:               SunOS
Inode Number:               1520699
Access Permission:          rw-rw----
Owner Name:                 cbrensin
File Size (bytes):          24576


                     -----Alphabetic List of Variables and Attributes-----

 #    Variable  Type   Len   Pos   Format    Informat   Label
 -----------------------------------------------------------------------------
 4    BIOP_1    Num     8    24    BMAP_CD.  4.         biopsy 1 location
 5    BIOP_2    Num     8    32    BMAP_CD.  4.         biopsy 2 location
 6    BIOP_3    Num     8    40    BMAP_CD.  4.         biopsy 3 location
 1    SUBJ      Num     8     0    11.       11.        patient ID number
 3    V_DATE    Num     8    16    MMDDYY8.  MMDDYY8.   visit date
 2    V_TYPE    Num     8     8    4.        4.         visit type: month of visit
```

```
                              The SAS System    10:06 Thursday, February 17, 2005

                         The CONTENTS Procedure

Data Set Name: OUT.DCYST_LC                          Observations:          367
Member Type:   DATA                                  Variables:             6
Engine:        V8                                    Indexes:               0
Created:       10:06 Thursday, February 17, 2005     Observation Length:    48
Last Modified: 10:06 Thursday, February 17, 2005     Deleted Observations:  0
Protection:                                          Compressed:            NO
Data Set Type:                                       Sorted:                NO
Label:


                    -----Engine/Host Dependent Information-----

Data Set Page Size:        8192
Number of Data Set Pages:  3
First Data Page:           1
Max Obs per Page:          169
Obs in First Data Page:    133
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/dcyst_lc.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520700
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         32768


                    -----Alphabetic List of Variables and Attributes-----

 #    Variable   Type   Len   Pos   Format      Informat   Label
-----------------------------------------------------------------------------
 5    PATH_CD    Num    8     32    PATHTYPE.   4.         pathology type code
 6    PATH_LOC   Num    8     40    BMAP_CD.    4.         pathology location code
 4    PATH_NUM   Num    8     24    4.          4.         pathology number (key)
 1    SUBJ       Num    8     0     11.         11.        patient ID number
 3    V_DATE     Num    8     16    MMDDYY8.    MMDDYY8.   visit date
 2    V_TYPE     Num    8     8     4.          4.         visit type: month of visit
```

```
                        The SAS System    10:06 Thursday, February 17, 2005

                     The CONTENTS Procedure

Data Set Name: OUT.DEF1                          Observations:            638
Member Type:   DATA                              Variables:               13
Engine:        V8                                Indexes:                 0
Created:       10:06 Thursday, February 17, 2005 Observation Length:      104
Last Modified: 10:06 Thursday, February 17, 2005 Deleted Observations:    0
Protection:                                      Compressed:              NO
Data Set Type:                                   Sorted:                  NO
Label:


                  -----Engine/Host Dependent Information-----

Data Set Page Size:        16384
Number of Data Set Pages:  5
First Data Page:           1
Max Obs per Page:          157
Obs in First Data Page:    131
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/def1.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520650
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         90112


                  -----Alphabetic List of Variables and Attributes-----

 # Variable Type Len Pos Format    Informat Label
 ----------------------------------------------------------------------------
 4 DEF1_1   Num   8  24 YNU.       4.       positive culture - bacterial cystitis
 7 DEF1_3   Num   8  48 YNU.       4.       positive culture - bacterial prostatitis
 5 DEF1_2A  Num   8  32 YNU.       4.       genital herpes
 6 DEF1_2B  Num   8  40 YNU.       4.       herpes active episode
 8 DEF1_4A  Num   8  56 YNU.       4.       cystometrogram
 9 DEF1_4B  Num   8  64 YNU.       4.       bladder cystoscopy with full anesthesia
10 DEF1_4C  Num   8  72 YNU.       4.       bladder biopsy
11 DEF1_4D  Num   8  80 YNU.       4.       urethra dialated
12 DEF1_F   Num   8  88 YN.        4.       deferral status
13 DEF1_RDT Num   8  96 MMDDYY8.   MMDDYY8. eligibility date
 1 SUBJ     Num   8   0 11.        11.      patient ID number
 3 V_DATE   Num   8  16 MMDDYY8.   MMDDYY8. visit date
 2 V_TYPE   Num   8   8 4.         4.       visit type: month of visit
```

```
                        The SAS System    10:06 Thursday, February 17, 2005

                     The CONTENTS Procedure

Data Set Name: OUT.DEF2                          Observations:          638
Member Type:   DATA                              Variables:             12
Engine:        V8                                Indexes:               0
Created:       10:06 Thursday, February 17, 2005 Observation Length:    96
Last Modified: 10:06 Thursday, February 17, 2005 Deleted Observations:  0
Protection:                                      Compressed:            NO
Data Set Type:                                   Sorted:                NO
Label:


                 -----Engine/Host Dependent Information-----

Data Set Page Size:         8192
Number of Data Set Pages:   8
First Data Page:            1
Max Obs per Page:           84
Obs in First Data Page:     59
Number of Data Set Repairs: 0
File Name:                  /project/ic-interim/programs/NIDDKrepository/
                            individual_data/def2.sas7bdat
Release Created:            8.0202M0
Host Created:               SunOS
Inode Number:               1520651
Access Permission:          rw-rw----
Owner Name:                 cbrensin
File Size (bytes):          73728


                 -----Alphabetic List of Variables and Attributes-----

  #    Variable   Type   Len   Pos   Format    Informat   Label
  ----------------------------------------------------------------------------
  4    DEF2_1     Num     8    24    YN.       4.         Tb culture
  5    DEF2_2     Num     8    32    YN.       4.         positive urine culture
  6    DEF2_3     Num     8    40    YN.       4.         active genital herpes
  7    DEF2_4     Num     8    48    YN.       4.         urethritis
  8    DEF2_5     Num     8    56    YN.       4.         bacterial prostatitis
  9    DEF2_6     Num     8    64    YN.       4.         urethral calculi
 10    DEF2_7     Num     8    72    YN.       4.         vaginitis
 11    DEF2_F     Num     8    80    YN.       4.         deferral status
 12    DEF2_RDT   Num     8    88    MMDDYY8.  MMDDYY8.   eligibility date
  1    SUBJ       Num     8     0    11.       11.        patient ID number
  3    V_DATE     Num     8    16    MMDDYY8.  MMDDYY8.   visit date
  2    V_TYPE     Num     8     8    4.        4.         visit type: month of visit
```

```
                         The SAS System    10:06 Thursday, February 17, 2005

                       The CONTENTS Procedure

Data Set Name: OUT.DIET                         Observations:          2650
Member Type:   DATA                             Variables:             39
Engine:        V8                               Indexes:               0
Created:       10:06 Thursday, February 17, 2005    Observation Length:    312
Last Modified: 10:06 Thursday, February 17, 2005    Deleted Observations: 0
Protection:                                     Compressed:            NO
Data Set Type:                                  Sorted:                NO
Label:


                   -----Engine/Host Dependent Information-----

Data Set Page Size:        32768
Number of Data Set Pages:  26
First Data Page:           1
Max Obs per Page:          104
Obs in First Data Page:    87
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/diet.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520652
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         860160


                   -----Alphabetic List of Variables and Attributes-----

    #  Variable  Type  Len  Pos  Format    Informat  Label
    -----------------------------------------------------------------------------
    5  DIET_1    Num   8    32   DIET.     4.        bananas
    6  DIET_2    Num   8    40   DIET.     4.        blueberries
    7  DIET_3    Num   8    48   DIET.     4.        cranberries and juice
    8  DIET_4    Num   8    56   DIET.     4.        grapefruit and juice
    9  DIET_5    Num   8    64   DIET.     4.        grapes and juice
   10  DIET_6    Num   8    72   DIET.     4.        oranges and juice
   11  DIET_7    Num   8    80   DIET.     4.        peaches/pears
   12  DIET_8    Num   8    88   DIET.     4.        pineappeles and juice
   13  DIET_9    Num   8    96   DIET.     4.        strawberries
   14  DIET_10   Num   8    104  DIET.     4.        watermelon
   15  DIET_11   Num   8    112  DIET.     4.        avocados
   16  DIET_12   Num   8    120  DIET.     4.        corn
   17  DIET_13   Num   8    128  DIET.     4.        green beans
   18  DIET_14   Num   8    136  DIET.     4.        potatoes
   19  DIET_15   Num   8    144  DIET.     4.        tomatoes
   20  DIET_16   Num   8    152  DIET.     4.        cheddar cheese
   21  DIET_17   Num   8    160  DIET.     4.        cottage and ricotta cheese
   22  DIET_18   Num   8    168  DIET.     4.        milk
   23  DIET_19   Num   8    176  DIET.     4.        sour cream
   24  DIET_20   Num   8    184  DIET.     4.        yogurt
   25  DIET_21   Num   8    192  DIET.     4.        beer
   26  DIET_22   Num   8    200  DIET.     4.        champagne
   27  DIET_23   Num   8    208  DIET.     4.        coffee/tea, with caffine
   28  DIET_24   Num   8    216  DIET.     4.        coffee/tea, decaffinated
   29  DIET_25   Num   8    224  DIET.     4.        colas, with caffine
   30  DIET_26   Num   8    232  DIET.     4.        red wine
   31  DIET_27   Num   8    240  DIET.     4.        white wine
   32  DIET_28   Num   8    248  DIET.     4.        chocolate
   33  DIET_29   Num   8    256  DIET.     4.        chilies and other spicy foods
   34  DIET_30   Num   8    264  DIET.     4.        nutrasweet
   35  DIET_31   Num   8    272  DIET.     4.        saccharin
```

```
                        The SAS System    10:06 Thursday, February 17, 2005

                        The CONTENTS Procedure

               -----Alphabetic List of Variables and Attributes-----

     #  Variable  Type  Len  Pos  Format    Informat  Label
    -------------------------------------------------------------------------
    36  DIET_32   Num     8  280  DIET.     4.        soy sauce
    37  DIET_33   Num     8  288  DIET.     4.        vinegar
    38  DIET_34   Num     8  296  DIET.     4.        pepper
    39  DIET_35   Num     8  304  DIET.     4.        garlic
     4  R_ID      Num     8   24  6.        6.        reviewer ID number
     1  SUBJ      Num     8    0  11.       11.       patient ID number
     3  V_DATE    Num     8   16  MMDDYY8.  MMDDYY8.  visit date
     2  V_TYPE    Num     8    8  4.        4.        visit type: month of visit
```

```
                        The SAS System    10:06 Thursday, February 17, 2005

                      The CONTENTS Procedure

Data Set Name: OUT.EMP_CD                          Observations:           14
Member Type:   DATA                                Variables:              2
Engine:        V8                                  Indexes:                0
Created:       10:06 Thursday, February 17, 2005   Observation Length:     40
Last Modified: 10:06 Thursday, February 17, 2005   Deleted Observations:   0
Protection:                                        Compressed:             NO
Data Set Type:                                     Sorted:                 NO
Label:


                -----Engine/Host Dependent Information-----

Data Set Page Size:        8192
Number of Data Set Pages:  1
First Data Page:           1
Max Obs per Page:          203
Obs in First Data Page:    14
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/emp_cd.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520653
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         16384


              -----Alphabetic List of Variables and Attributes-----

        #    Variable    Type    Len    Pos    Format    Informat    Label
        ------------------------------------------------------------------
        2    CODE        Num      8      0     6.        6.          code
        1    NAME        Char     25     8     $25.      $25.        name
```

```
                            The SAS System    10:06 Thursday, February 17, 2005

                        The CONTENTS Procedure

Data Set Name: OUT.EXCL1                            Observations:          638
Member Type:   DATA                                Variables:             15
Engine:        V8                                  Indexes:               0
Created:       10:06 Thursday, February 17, 2005   Observation Length:    120
Last Modified: 10:06 Thursday, February 17, 2005   Deleted Observations:  0
Protection:                                        Compressed:            NO
Data Set Type:                                     Sorted:                NO
Label:


                   -----Engine/Host Dependent Information-----

Data Set Page Size:        16384
Number of Data Set Pages:  5
First Data Page:           1
Max Obs per Page:          136
Obs in First Data Page:    112
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/excl1.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520654
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         90112


                   -----Alphabetic List of Variables and Attributes-----

    #  Variable  Type  Len  Pos  Format    Informat   Label
    --------------------------------------------------------------------------
    4  EXCL1_1   Num   8    24   YNU.      4.         genito_urinary tuberculosis
    5  EXCL1_2   Num   8    32   YNU.      4.         bladder or urethral cancer
    6  EXCL1_3   Num   8    40   YNU.      4.         gynecologic cancer -diagnosis
    8  EXCL1_4   Num   8    56   YNU.      4.         prostate cancer
    7  EXCL1_3A  Num   8    48   YNU.      4.         gynecologic cancer -evidence
    9  EXCL1_5A  Num   8    64   YNU.      4.         pelvic radiation therapy
   10  EXCL1_5B  Num   8    72   YNU.      4.         cystoxan therapy
   11  EXCL1_5C  Num   8    80   YNU.      4.         augmentation cystoplasty
   12  EXCL1_5D  Num   8    88   YNU.      4.         cystectomy
   13  EXCL1_5E  Num   8    96   YNU.      4.         cystolysis
   14  EXCL1_5F  Num   8   104   YNU.      4.         neurectomy
   15  EXCL1_F   Num   8   112   YN.       4.         exclusion status
    1  SUBJ      Num   8     0   11.       11.        patient ID number
    3  V_DATE    Num   8    16   MMDDYY8.  MMDDYY8.   visit date
    2  V_TYPE    Num   8     8   4.        4.         visit type: month of visit
```

```
                          The SAS System   10:06 Thursday, February 17, 2005

                        The CONTENTS Procedure

Data Set Name: OUT.EXCL2                        Observations:          638
Member Type:   DATA                             Variables:             14
Engine:        V8                               Indexes:               0
Created:       10:06 Thursday, February 17, 2005 Observation Length:   112
Last Modified: 10:06 Thursday, February 17, 2005 Deleted Observations: 0
Protection:                                     Compressed:            NO
Data Set Type:                                  Sorted:                NO
Label:


                   -----Engine/Host Dependent Information-----

Data Set Page Size:        16384
Number of Data Set Pages:  5
First Data Page:           1
Max Obs per Page:          145
Obs in First Data Page:    122
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/excl2.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520655
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         90112


                   -----Alphabetic List of Variables and Attributes-----

  #   Variable Type  Len  Pos  Format    Informat  Label
  ----------------------------------------------------------------------------
  4   EXCL2_1   Num   8    24  YN.        4.        GU tuberculosis
  5   EXCL2_2   Num   8    32  YN.        4.        neurogenic bladder disfunction
  6   EXCL2_3   Num   8    40  YN.        4.        urethral stricture
  7   EXCL2_4   Num   8    48  YN.        4.        prostate cancer
 13   EXCL2_6   Num   8    96  YN.        4.        bladder outlet obstruction
  8   EXCL2_5A  Num   8    56  YN.        4.        augmentation cystoplasty
  9   EXCL2_5B  Num   8    64  YN.        4.        cystectomy
 10   EXCL2_5C  Num   8    72  YN.        4.        cystolysis
 11   EXCL2_5D  Num   8    80  YN.        4.        neurectomy
 14   EXCL2_F   Num   8   104  YN.        4.        exclusion status
 12   EXCL2_F1  Num   8    88  YN.        4.        preliminary exclusion status
  1   SUBJ      Num   8     0  11.        11.       patient ID number
  3   V_DATE    Num   8    16  MMDDYY8.   MMDDYY8.  visit date
  2   V_TYPE    Num   8     8  4.         4.        visit type: month of visit
```

```
                        The SAS System    10:06 Thursday, February 17, 2005

                     The CONTENTS Procedure

Data Set Name: OUT.EXCL3                          Observations:          200
Member Type:   DATA                               Variables:             4
Engine:        V8                                 Indexes:               0
Created:       10:06 Thursday, February 17, 2005  Observation Length:    32
Last Modified: 10:06 Thursday, February 17, 2005  Deleted Observations:  0
Protection:                                       Compressed:            NO
Data Set Type:                                    Sorted:                NO
Label:


                  -----Engine/Host Dependent Information-----

Data Set Page Size:        8192
Number of Data Set Pages:  1
First Data Page:           1
Max Obs per Page:          254
Obs in First Data Page:    200
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/excl3.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520656
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         16384


                  -----Alphabetic List of Variables and Attributes-----

 #    Variable   Type   Len   Pos   Format     Informat    Label
 ----------------------------------------------------------------------------
 4    EXCL3_F    Num    8     24    YN.        4.          positive bladder biopsy
 1    SUBJ       Num    8     0     11.        11.         patient ID number
 3    V_DATE     Num    8     16    MMDDYY8.   MMDDYY8.    visit date
 2    V_TYPE     Num    8     8     4.         4.          visit type: month of visit
```

```
                              The SAS System    10:06 Thursday, February 17, 2005

                         The CONTENTS Procedure

 Data Set Name: OUT.FHX                            Observations:          638
 Member Type:   DATA                               Variables:             18
 Engine:        V8                                 Indexes:               0
 Created:       10:06 Thursday, February 17, 2005  Observation Length:    144
 Last Modified: 10:06 Thursday, February 17, 2005  Deleted Observations:  0
 Protection:                                       Compressed:            NO
 Data Set Type:                                    Sorted:                NO
 Label:


                    -----Engine/Host Dependent Information-----

 Data Set Page Size:        16384
 Number of Data Set Pages:  6
 First Data Page:           1
 Max Obs per Page:          113
 Obs in First Data Page:    91
 Number of Data Set Repairs: 0
 File Name:                 /project/ic-interim/programs/NIDDKrepository/
                            individual_data/fhx.sas7bdat
 Release Created:           8.0202M0
 Host Created:              SunOS
 Inode Number:              1520657
 Access Permission:         rw-rw----
 Owner Name:                cbrensin
 File Size (bytes):         106496


                    -----Alphabetic List of Variables and Attributes-----

  # Variable Type Len Pos Format    Informat Label
 -----------------------------------------------------------------------------
  5 FHX_1     Num   8  32 YNU.      4.       bladder cancer
  6 FHX_2     Num   8  40 YNU.      4.       interstitial cystitis
  7 FHX_3     Num   8  48 YNU.      4.       recurrent UTI
  8 FHX_4     Num   8  56 YNU.      4.       Ileitis or Crohn's disease
  9 FHX_5     Num   8  64 YNU.      4.       irritable bowel syndrome or spastic colon
 10 FHX_6     Num   8  72 YNU.      4.       skin allergies
 11 FHX_7     Num   8  80 YNU.      4.       hayfever, allergic rhinitis
 12 FHX_8     Num   8  88 YNU.      4.       food allergies
 13 FHX_9     Num   8  96 YNU.      4.       fibromyalgia or fibromyositis
 14 FHX_10    Num   8 104 YNU.      4.       diabetes
 15 FHX_11    Num   8 112 YNU.      4.       kidney stones
 16 FHX_12    Num   8 120 YNU.      4.       lupus
 17 FHX_13    Num   8 128 YNU.      4.       migraine headaches
 18 FHX_14    Num   8 136 YNU.      4.       rheumatoid arthritis
  4 I_ID      Num   8  24 6.        6.       interviewer ID number
  1 SUBJ      Num   8   0 11.       11.      patient ID number
  3 V_DATE    Num   8  16 MMDDYY8.  MMDDYY8. visit date
  2 V_TYPE    Num   8   8 4.        4.       visit type: month of visit
```

```
                        The SAS System   10:06 Thursday, February 17, 2005

                     The CONTENTS Procedure

Data Set Name: OUT.HEM                          Observations:         635
Member Type:   DATA                             Variables:            13
Engine:        V8                               Indexes:              0
Created:       10:06 Thursday, February 17, 2005  Observation Length:  104
Last Modified: 10:06 Thursday, February 17, 2005  Deleted Observations: 0
Protection:                                     Compressed:           NO
Data Set Type:                                  Sorted:               NO
Label:


                    -----Engine/Host Dependent Information-----

Data Set Page Size:        16384
Number of Data Set Pages:  5
First Data Page:           1
Max Obs per Page:          157
Obs in First Data Page:    132
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/hem.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520658
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         90112


                  -----Alphabetic List of Variables and Attributes-----

   # Variable Type Len Pos Format    Informat Label
   ----------------------------------------------------------------------------
   5 ECODE    Char  4  96 $4.       $4.      ecode
   4 ENTRYNO  Num   8  24 4.        4.       entryno
  10 HCRIT    Num   8  64 7.3       7.3      hematocrit (%)
   9 HEMOG_B  Num   8  56 7.3       7.3      hemoglobin concentration (g/dl)
  12 MCH      Num   8  80 7.3       7.3      mean cell hemoglobin (pg)
  13 MCHC     Num   8  88 7.3       7.3      mean cell hemoglobin concentration (%)
  11 MCV      Num   8  72 7.3       7.3      mean cell volume (fl)
   8 RBC      Num   8  48 7.3       7.3      red blood cell count (1000000/uL)
   6 R_ID     Num   8  32 6.        6.       reviewer ID number
   1 SUBJ     Num   8   0 11.       11.      patient ID number
   3 V_DATE   Num   8  16 MMDDYY8.  MMDDYY8. visit date
   2 V_TYPE   Num   8   8 4.        4.       visit type: month of visit
   7 WBC      Num   8  40 7.3       7.3      white blood cell count (1000/uL)
```

```
                         The SAS System    10:06 Thursday, February 17, 2005

                     The CONTENTS Procedure

Data Set Name: OUT.INCL                          Observations:          638
Member Type:   DATA                              Variables:             14
Engine:        V8                                Indexes:               0
Created:       10:06 Thursday, February 17, 2005 Observation Length:    112
Last Modified: 10:06 Thursday, February 17, 2005 Deleted Observations:  0
Protection:                                      Compressed:            NO
Data Set Type:                                   Sorted:                NO
Label:


                  -----Engine/Host Dependent Information-----

Data Set Page Size:        16384
Number of Data Set Pages:  5
First Data Page:           1
Max Obs per Page:          145
Obs in First Data Page:    121
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/incl.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520659
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         90112


                  -----Alphabetic List of Variables and Attributes-----

  #   Variable   Type   Len   Pos   Format      Informat    Label
----------------------------------------------------------------------------
  5   INCL_1     Num    8     32    YN.         4.          informed consent
  6   INCL_2     Num    8     40    YN.         4.          18 years or older
  7   INCL_3     Num    8     48    INCLFREQ.   4.          urinary frequency
  8   INCL_4     Num    8     56    INCLTIME.   4.          length of urinary frequency
  9   INCL_5     Num    8     64    YN.         4.          urinary pain
 10   INCL_6     Num    8     72    INCLTIME.   4.          length of urinary pain
 11   INCL_7     Num    8     80    YN.         4.          urinary urgency
 12   INCL_8     Num    8     88    INCLTIME.   4.          length of urinary urgency
 14   INCL_DT    Num    8     104   MMDDYY8.    MMDDYY8.    eligibility date
 13   INCL_F     Num    8     96    YN.         4.          inclusion status
  4   I_ID       Num    8     24    6.          6.          interviewer ID number
  1   SUBJ       Num    8     0     11.         11.         patient ID number
  3   V_DATE     Num    8     16    MMDDYY8.    MMDDYY8.    visit date
  2   V_TYPE     Num    8     8     4.          4.          visit type: month of visit
```

```
                          The SAS System    10:06 Thursday, February 17, 2005

                        The CONTENTS Procedure

Data Set Name: OUT.MED                           Observations:         4701
Member Type:   DATA                              Variables:            28
Engine:        V8                                Indexes:              0
Created:       10:06 Thursday, February 17, 2005 Observation Length:   224
Last Modified: 10:06 Thursday, February 17, 2005 Deleted Observations: 0
Protection:                                      Compressed:           NO
Data Set Type:                                   Sorted:               NO
Label:


                    -----Engine/Host Dependent Information-----

Data Set Page Size:        24576
Number of Data Set Pages:  44
First Data Page:           1
Max Obs per Page:          109
Obs in First Data Page:    89
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/med.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520660
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         1089536


                    -----Alphabetic List of Variables and Attributes-----

 # Variable Type Len Pos Format    Informat Label
---------------------------------------------------------------------------
 4 I_ID     Num   8  24 6.         6.       interviewer ID number
 5 MED_1    Num   8  32 YN.        4.       currently treated by another doctor
 6 MED_2    Num   8  40 YN.        4.       hospitalization since last contact
 7 MED_3    Num   8  48 YN.        4.       surgery since last contact
 8 MED_4    Num   8  56 YN.        4.       urinary tract surgery since last contact
 9 MED_5    Num   8  64 HLTHRATE.  4.       overall health - patient evaluation
10 MED_6    Num   8  72 YN.        4.       currently treated for urinary symptoms
12 MED_7    Num   8  88 YN.        4.       stopped menustruating
13 MED_8    Num   8  96 YN.        4.       current birth control use
26 MED_9    Num   8 200 MMDDYY8.   MMDDYY8. date of last menstrual period
27 MED_10   Num   8 208 YN.        4.       currently pregnant
28 MED_11   Num   8 216 MMDDYY8.   MMDDYY8. pregnancy due date
11 MED_6A   Num   8  80 TRTEFF.    4.       effectiveness of tx - patient evaluation
14 MED_8A   Num   8 104 YNU.       4.       birth control pill
15 MED_8B   Num   8 112 YNU.       4.       condom
16 MED_8C   Num   8 120 YNU.       4.       IUD, coil, or loop
17 MED_8D   Num   8 128 YNU.       4.       diaphragm
18 MED_8E   Num   8 136 YNU.       4.       cervical cap
19 MED_8F   Num   8 144 YNU.       4.       sponge
20 MED_8G   Num   8 152 YNU.       4.       spermicide
21 MED_8H   Num   8 160 YNU.       4.       douche
22 MED_8I   Num   8 168 YNU.       4.       tubal ligation
23 MED_8J   Num   8 176 YNU.       4.       vasectomy
24 MED_8K   Num   8 184 YNU.       4.       Norplant
25 MED_8L   Num   8 192 YNU.       4.       Depo-Provera
 1 SUBJ     Num   8   0 11.        11.      patient ID number
 3 V_DATE   Num   8  16 MMDDYY8.   MMDDYY8. visit date
 2 V_TYPE   Num   8   8 4.         4.       visit type: month of visit
```

```
                           The SAS System   10:06 Thursday, February 17, 2005

                       The CONTENTS Procedure

Data Set Name: OUT.MEDHX                        Observations:          638
Member Type:   DATA                             Variables:             108
Engine:        V8                               Indexes:               0
Created:       10:06 Thursday, February 17, 2005 Observation Length:   864
Last Modified: 10:06 Thursday, February 17, 2005 Deleted Observations: 0
Protection:                                     Compressed:            NO
Data Set Type:                                  Sorted:                NO
Label:


                   -----Engine/Host Dependent Information-----

Data Set Page Size:         65536
Number of Data Set Pages:   9
First Data Page:            1
Max Obs per Page:           75
Obs in First Data Page:     58
Number of Data Set Repairs: 0
File Name:                  /project/ic-interim/programs/NIDDKrepository/
                            individual_data/medhx.sas7bdat
Release Created:            8.0202M0
Host Created:               SunOS
Inode Number:               1520661
Access Permission:          rw-rw----
Owner Name:                 cbrensin
File Size (bytes):          598016


                   -----Alphabetic List of Variables and Attributes-----

  # Variable Type Len Pos Format   Informat Label
-------------------------------------------------------------------------------
  4 I_ID     Num   8  24 6.        6.       interviewer ID number
  5 MHX_1    Num   8  32 4.        4.       age of first menstrual period
  6 MHX_2    Num   8  40 YN.       4.       regular menstrual periods
  7 MHX_3    Num   8  48 YN.       4.       tampon use
  8 MHX_4    Num   8  56 YN.       4.       pap smear in last year
  9 MHX_5    Num   8  64 NA.       4.       pap smear result
 11 MHX_6    Num   8  80 YND.      4.       gastric or intestinal ulcer - y/n
 13 MHX_7    Num   8  96 YND.      4.       gastritis/reflux esophagitis - y/n
 15 MHX_8    Num   8 112 YND.      4.       Ileitis or Crohn's disease - y/n
 17 MHX_9    Num   8 128 YND.      4.       irritable bowel/spastic colon - y/n
 19 MHX_10   Num   8 144 YND.      4.       incontinence - y/n
 21 MHX_11   Num   8 160 YND.      4.       kidney stones - y/n
 23 MHX_12   Num   8 176 YND.      4.       sexually transmitted disease - y/n
 25 MHX_13   Num   8 192 YND.      4.       pelvic inflammatory disease - y/n
 27 MHX_14   Num   8 208 YND.      4.       endometriosis - y/n
 29 MHX_15   Num   8 224 YND.      4.       benign prostatic hyperplasia - y/n
 31 MHX_16   Num   8 240 YND.      4.       bacterial prostatitis - y/n
 33 MHX_17   Num   8 256 YND.      4.       asthma - y/n
 35 MHX_18   Num   8 272 YND.      4.       drug allergies - y/n
 37 MHX_19   Num   8 288 YND.      4.       food allergies- y/n
 39 MHX_20   Num   8 304 YND.      4.       skin allergies - y/n
 41 MHX_21   Num   8 320 YND.      4.       sinusitis - y/n
 43 MHX_22   Num   8 336 YND.      4.       hayfever, allergic rhinitis - y/n
 45 MHX_23   Num   8 352 YND.      4.       arthritis, not rheumatoid - y/n
 47 MHX_24   Num   8 368 YND.      4.       arthritis, rheumatoid - y/n
 49 MHX_25   Num   8 384 YND.      4.       CFS/Epstein Barr/Mono - y/n
 51 MHX_26   Num   8 400 YND.      4.       clinical depression -y/n
 53 MHX_27   Num   8 416 YND.      4.       diabetes - y/n
 55 MHX_28   Num   8 432 YND.      4.       fibromyalgia or fibromyositis - y/n
 57 MHX_29   Num   8 448 YND.      4.       lumbosacral disc disease - y/n
 59 MHX_30   Num   8 464 YND.      4.       lupus - y/n
```

The SAS System   10:06 Thursday, February 17, 2005

The CONTENTS Procedure

-----Alphabetic List of Variables and Attributes-----

```
  # Variable Type Len Pos Format    Informat Label
--------------------------------------------------------------------------------
 61 MHX_31   Num   8 480 YND.       4.       lyme disease - y/n
 63 MHX_32   Num   8 496 YND.       4.       migraine headaches - y/n
 65 MHX_33   Num   8 512 YND.       4.       Raynoud's phenomenon - y/n
 67 MHX_34   Num   8 528 YND.       4.       Reiter's syndrome - y/n
 69 MHX_35   Num   8 544 YND.       4.       Sjogren's syndrome - y/n
 71 MHX_36   Num   8 560 INFECT.    4.       number of bladder infections
 72 MHX_37   Num   8 568 INFECT.    4.       number of respiratory infections
 73 MHX_38   Num   8 576 YND.       4.       incontinence surgery - y/n
 75 MHX_39   Num   8 592 YND.       4.       laparoscopy - y/n
 77 MHX_40   Num   8 608 YND.       4.       cystocele repair - y/n
 79 MHX_41   Num   8 624 YND.       4.       other bladder surgery - y/n
 81 MHX_42   Num   8 640 YND.       4.       D&C/D&E - y/n
 83 MHX_43   Num   8 656 YND.       4.       hysterectomy - y/n
 85 MHX_44   Num   8 672 YND.       4.       tubal ligation - y/n
 87 MHX_45   Num   8 688 YND.       4.       removal of both ovaries - y/n
 89 MHX_46   Num   8 704 YND.       4.       back surgery - y/n
 91 MHX_47   Num   8 720 YND.       4.       rectocele repair - y/n
 93 MHX_48   Num   8 736 YND.       4.       enterocele repair - y/n
 95 MHX_49   Num   8 752 YND.       4.       inguinal hernia repair - y/n
 97 MHX_50   Num   8 768 YND.       4.       other abdom./pelvic surgery -y/n
 99 MHX_51   Num   8 784 YND.       4.       prostate surgery - y/n
101 MHX_52   Num   8 800 YND.       4.       vasectomy - y/n
103 MHX_53   Num   8 816 YN.        4.       smoking history greater than 5 packs
104 MHX_54   Num   8 824 YN.        4.       currently smoke
105 MHX_55   Num   8 832 YN.        4.       smoking history other than cigarettes
106 MHX_56   Num   8 840 DRINKS.    4.       current alcohol use
107 MHX_57   Num   8 848 YN.        4.       past alcohol use
 20 MHX_10A  Num   8 152 FIRSTPRB. 4.        incontinence - 1st time
 22 MHX_11A  Num   8 168 FIRSTPRB. 4.        kidney stones - 1st time
 24 MHX_12A  Num   8 184 FIRSTPRB. 4.        sexually transmitted disease - 1st time
 26 MHX_13A  Num   8 200 FIRSTPRB. 4.        pelvic inflammatory disease - 1st time
 28 MHX_14A  Num   8 216 FIRSTPRB. 4.        endometriosis - 1st time
 30 MHX_15A  Num   8 232 FIRSTPRB. 4.        benign prostatic hyperplasia - 1st time
 32 MHX_16A  Num   8 248 FIRSTPRB. 4.        bacterial prostatitis - 1st time
 34 MHX_17A  Num   8 264 FIRSTPRB. 4.        asthma - 1st time
 36 MHX_18A  Num   8 280 FIRSTPRB. 4.        drug allergies - 1st time
 38 MHX_19A  Num   8 296 FIRSTPRB. 4.        food allergies- 1st time
 40 MHX_20A  Num   8 312 FIRSTPRB. 4.        skin allergies - 1st time
 42 MHX_21A  Num   8 328 FIRSTPRB. 4.        sinusitis - 1st time
 44 MHX_22A  Num   8 344 FIRSTPRB. 4.        hayfever, allergic rhinitis - 1st time
 46 MHX_23A  Num   8 360 FIRSTPRB. 4.        arthritis, not rheumatoid - 1st time
 48 MHX_24A  Num   8 376 FIRSTPRB. 4.        arthritis, rheumatoid - 1st time
 50 MHX_25A  Num   8 392 FIRSTPRB. 4.        CFS/Epstein Barr/Mono - 1st time
 52 MHX_26A  Num   8 408 FIRSTPRB. 4.        clinical depression - 1st time
 54 MHX_27A  Num   8 424 FIRSTPRB. 4.        diabetes - 1st time
 56 MHX_28A  Num   8 440 FIRSTPRB. 4.        fibromyalgia or fibromyositis - 1st time
 58 MHX_29A  Num   8 456 FIRSTPRB. 4.        lumbosacral disc disease - 1st time
 60 MHX_30A  Num   8 472 FIRSTPRB. 4.        lupus - 1st time
 62 MHX_31A  Num   8 488 FIRSTPRB. 4.        lyme disease - 1st time
 64 MHX_32A  Num   8 504 FIRSTPRB. 4.        migraine headaches - 1st time
 66 MHX_33A  Num   8 520 FIRSTPRB. 4.        Raynoud's phenomenon - 1st time
 68 MHX_34A  Num   8 536 FIRSTPRB. 4.        Reiter's syndrome - 1st time
 70 MHX_35A  Num   8 552 FIRSTPRB. 4.        Sjogren's syndrome - 1st time
 74 MHX_38A  Num   8 584 FIRSTPRB. 4.        incontinence surgery - 1st time
 76 MHX_39A  Num   8 600 FIRSTPRB. 4.        laparoscopy - 1st time
 78 MHX_40A  Num   8 616 FIRSTPRB. 4.        cystocele repair - 1st time
 80 MHX_41A  Num   8 632 FIRSTPRB. 4.        other bladder surgery - 1st time
 82 MHX_42A  Num   8 648 FIRSTPRB. 4.        D&C/D&E - 1st time
 84 MHX_43A  Num   8 664 FIRSTPRB. 4.        hysterectomy - 1st time
```

```
                           The SAS System   10:06 Thursday, February 17, 2005

                             The CONTENTS Procedure

                   -----Alphabetic List of Variables and Attributes-----

      # Variable Type Len Pos Format    Informat Label
     ------------------------------------------------------------------------------
     86 MHX_44A  Num    8 680 FIRSTPRB. 4.       tubal ligation - 1st time
     88 MHX_45A  Num    8 696 FIRSTPRB. 4.       removal of both ovaries - 1st time
     90 MHX_46A  Num    8 712 FIRSTPRB. 4.       back surgery - 1st time
     92 MHX_47A  Num    8 728 FIRSTPRB. 4.       rectocele repair - 1st time
     94 MHX_48A  Num    8 744 FIRSTPRB. 4.       enterocele repair - 1st time
     96 MHX_49A  Num    8 760 FIRSTPRB. 4.       inguinal hernia repair - 1st time
     98 MHX_50A  Num    8 776 FIRSTPRB. 4.       other abdom./pelvic surgery - 1st time
    100 MHX_51A  Num    8 792 FIRSTPRB. 4.       prostate surgery - 1st time
    102 MHX_52A  Num    8 808 FIRSTPRB. 4.       vasectomy - 1st time
    108 MHX_57A  Num    8 856 YN.       4.       urinary symptoms - alcohol use change
     12 MHX_6A   Num    8  88 FIRSTPRB. 4.       gastric or intestinal ulcer- 1st time
     14 MHX_7A   Num    8 104 FIRSTPRB. 4.       gastritis/reflux esophagitis - 1st time
     16 MHX_8A   Num    8 120 FIRSTPRB. 4.       Ileitis or Crohn's disease - 1st time
     18 MHX_9A   Num    8 136 FIRSTPRB. 4.       irritable bowel/spastic colon - 1st time
     10 MHX_PCHK Num    8  72 YN.       4.       pap smear recommendation
      1 SUBJ     Num    8   0 11.       11.      patient ID number
      3 V_DATE   Num    8  16 MMDDYY8.  MMDDYY8. visit date
      2 V_TYPE   Num    8   8 4.        4.       visit type: month of visit
```

```
                        The SAS System   10:06 Thursday, February 17, 2005

                      The CONTENTS Procedure

 Data Set Name: OUT.MEDHXF                     Observations:         347
 Member Type:   DATA                           Variables:            58
 Engine:        V8                             Indexes:              0
 Created:       10:06 Thursday, February 17, 2005    Observation Length:   464
 Last Modified: 10:06 Thursday, February 17, 2005    Deleted Observations: 0
 Protection:                                   Compressed:           NO
 Data Set Type:                                Sorted:               NO
 Label:


                   -----Engine/Host Dependent Information-----

 Data Set Page Size:        40960
 Number of Data Set Pages:  5
 First Data Page:           1
 Max Obs per Page:          88
 Obs in First Data Page:    70
 Number of Data Set Repairs: 0
 File Name:                 /project/ic-interim/programs/NIDDKrepository/
                            individual_data/medhxf.sas7bdat
 Release Created:           8.0202M0
 Host Created:              SunOS
 Inode Number:              1520662
 Access Permission:         rw-rw----
 Owner Name:                cbrensin
 File Size (bytes):         212992


                 -----Alphabetic List of Variables and Attributes-----

   # Variable Type Len Pos Format   Informat Label
   -----------------------------------------------------------------------------
   4 I_ID     Num   8  24 6.        6.       interviewer ID number
   5 MHXF_1   Num   8  32 YNDNA.    6.       regular menstrual periods
   6 MHXF_2   Num   8  40 YN.       6.       pap smear in last year
   7 MHXF_3   Num   8  48 NA.       6.       pap smear result
   9 MHXF_4   Num   8  64 YNMHXF.   6.       gastric or intestinal ulcer - y/n
  10 MHXF_5   Num   8  72 YNMHXF.   6.       gastritis/reflux esophagitis - y/n
  11 MHXF_6   Num   8  80 YNMHXF.   6.       Ileitis or Crohn's disease - y/n
  12 MHXF_7   Num   8  88 YNMHXF.   6.       irritable bowel/spastic colon - y/n
  13 MHXF_8   Num   8  96 YNMHXF.   6.       incontinence - y/n
  14 MHXF_9   Num   8 104 YNMHXF.   6.       kidney stones - y/n
  15 MHXF_10  Num   8 112 YNMHXF.   6.       sexually transmitted disease - y/n
  16 MHXF_11  Num   8 120 YNMHXF.   6.       pelvic inflammatory disease - y/n
  17 MHXF_12  Num   8 128 YNMHXF.   6.       endometriosis - y/n
  18 MHXF_13  Num   8 136 YNMHXF.   6.       benign prostatic hyperplasia - y/n
  19 MHXF_14  Num   8 144 YNMHXF.   6.       bacterial prostatitis - y/n
  20 MHXF_15  Num   8 152 YNMHXF.   6.       asthma - y/n
  21 MHXF_16  Num   8 160 YNMHXF.   6.       drug allergies - y/n
  22 MHXF_17  Num   8 168 YNMHXF.   6.       food allergies- y/n
  23 MHXF_18  Num   8 176 YNMHXF.   6.       skin allergies - y/n
  24 MHXF_19  Num   8 184 YNMHXF.   6.       sinusitis - y/n
  25 MHXF_20  Num   8 192 YNMHXF.   6.       hayfever, allergic rhinitis - y/n
  26 MHXF_21  Num   8 200 YNMHXF.   6.       arthritis, not rheumatoid - y/n
  27 MHXF_22  Num   8 208 YNMHXF.   6.       arthritis, rheumatoid - y/n
  28 MHXF_23  Num   8 216 YNMHXF.   6.       CFS/Epstein Barr/Mono - y/n
  29 MHXF_24  Num   8 224 YNMHXF.   6.       clinical depression -y/n
  30 MHXF_25  Num   8 232 YNMHXF.   6.       diabetes - y/n
  31 MHXF_26  Num   8 240 YNMHXF.   6.       fibromyalgia or fibromyositis - y/n
  32 MHXF_27  Num   8 248 YNMHXF.   6.       lumbosacral disc disease - y/n
  33 MHXF_28  Num   8 256 YNMHXF.   6.       lupus - y/n
  34 MHXF_29  Num   8 264 YNMHXF.   6.       lyme disease - y/n
  35 MHXF_30  Num   8 272 YNMHXF.   6.       migraine headaches - y/n
```

```
                         The SAS System   10:06 Thursday, February 17, 2005

                         The CONTENTS Procedure

               -----Alphabetic List of Variables and Attributes-----

    # Variable Type Len Pos Format   Informat Label
    ----------------------------------------------------------------------------
   36 MHXF_31  Num    8 280 YNMHXF.  6.       Raynoud's phenomenon - y/n
   37 MHXF_32  Num    8 288 YNMHXF.  6.       Reiter's syndrome - y/n
   38 MHXF_33  Num    8 296 YNMHXF.  6.       Sjogren's syndrome - y/n
   39 MHXF_34  Num    8 304 INFECT.  6.       number of bladder infections
   40 MHXF_35  Num    8 312 INFECT.  6.       number of respiratory infections
   41 MHXF_36  Num    8 320 YNMHXF.  6.       incontinence surgery - y/n
   42 MHXF_37  Num    8 328 YNMHXF.  6.       laparoscopy - y/n
   43 MHXF_38  Num    8 336 YNMHXF.  6.       cystocele repair - y/n
   44 MHXF_39  Num    8 344 YNMHXF.  6.       other bladder surgery - y/n
   45 MHXF_40  Num    8 352 YNMHXF.  6.       D&C/D&E - y/n
   46 MHXF_41  Num    8 360 YNMHXF.  6.       hysterectomy - y/n
   47 MHXF_42  Num    8 368 YNMHXF.  6.       tubal ligation - y/n
   48 MHXF_43  Num    8 376 YNMHXF.  6.       removal of both ovaries - y/n
   49 MHXF_44  Num    8 384 YNMHXF.  6.       back surgery - y/n
   50 MHXF_45  Num    8 392 YNMHXF.  6.       rectocele repair - y/n
   51 MHXF_46  Num    8 400 YNMHXF.  6.       enterocele repair - y/n
   52 MHXF_47  Num    8 408 YNMHXF.  6.       inguinal hernia repair - y/n
   53 MHXF_48  Num    8 416 YNMHXF.  6.       other abdom./pelvic surgery -y/n
   54 MHXF_49  Num    8 424 YNMHXF.  6.       prostate surgery - y/n
   55 MHXF_50  Num    8 432 YNMHXF.  6.       vasectomy - y/n
   56 MHXF_51  Num    8 440 YN.      6.       currently smoke
   57 MHXF_52  Num    8 448 YN.      6.       smoking history other than cigarettes
   58 MHXF_53  Num    8 456 DRINKS.  6.       current alcohol use
    8 MHXF_PCH Num    8  56 YN.      6.       pap smear recommendation
    1 SUBJ     Num    8   0 11.      11.      patient ID number
    3 V_DATE   Num    8  16 MMDDYY8. MMDDYY8. visit date
    2 V_TYPE   Num    8   8 4.       4.       visit type: month of visit
```

```
                         The SAS System    10:06 Thursday, February 17, 2005

                      The CONTENTS Procedure

Data Set Name: OUT.MEDTRT                        Observations:          8386
Member Type:   DATA                              Variables:             10
Engine:        V8                                Indexes:               0
Created:       10:06 Thursday, February 17, 2005 Observation Length:    80
Last Modified: 10:06 Thursday, February 17, 2005 Deleted Observations:  0
Protection:                                      Compressed:            NO
Data Set Type:                                   Sorted:                NO
Label:


                  -----Engine/Host Dependent Information-----

Data Set Page Size:        8192
Number of Data Set Pages:  84
First Data Page:           1
Max Obs per Page:          101
Obs in First Data Page:    76
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/medtrt.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520663
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         696320


                  -----Alphabetic List of Variables and Attributes-----

         #     Variable   Type   Len    Pos    Format    Informat    Label
         -------------------------------------------------------------------
         7     CONT       Num     8     40     4.        4.          cont
         2     FORM_CD    Char    8     72     $8.       $8.         form_cd
         3     MT_CODE    Num     8      8     11.       11.         mt_code
         5     START_MM   Num     8     24     6.        6.          start_mm
         4     START_VT   Num     8     16     6.        6.          start_vt
         6     START_YR   Num     8     32     6.        6.          start_yr
         9     STOP_MM    Num     8     56     6.        6.          stop_mm
         8     STOP_VT    Num     8     48     6.        6.          stop_vt
        10     STOP_YR    Num     8     64     6.        6.          stop_yr
         1     SUBJ       Num     8      0     11.       11.         subj
```

```
                           The SAS System   10:06 Thursday, February 17, 2005

                        The CONTENTS Procedure

 Data Set Name: OUT.PHS                            Observations:         868
 Member Type:   DATA                               Variables:            47
 Engine:        V8                                 Indexes:              0
 Created:       10:06 Thursday, February 17, 2005  Observation Length:   376
 Last Modified: 10:06 Thursday, February 17, 2005  Deleted Observations: 0
 Protection:                                       Compressed:           NO
 Data Set Type:                                    Sorted:               NO
 Label:


                  -----Engine/Host Dependent Information-----

 Data Set Page Size:        32768
 Number of Data Set Pages:  11
 First Data Page:           1
 Max Obs per Page:          87
 Obs in First Data Page:    69
 Number of Data Set Repairs: 0
 File Name:                 /project/ic-interim/programs/NIDDKrepository/
                            individual_data/phs.sas7bdat
 Release Created:           8.0202M0
 Host Created:              SunOS
 Inode Number:              1520664
 Access Permission:         rw-rw----
 Owner Name:                cbrensin
 File Size (bytes):         368640


                  -----Alphabetic List of Variables and Attributes-----

 # Variable Type Len Pos Format     Informat Label
 -------------------------------------------------------------------------------
  5 PHS_1    Num   8  32 YN.        4.       abdominal masses
  6 PHS_2    Num   8  40 SPTENDER.  4.       suprapubic tenderness
  7 PHS_3    Num   8  48 YN.        4.       CVA tenderness
  8 PHS_4    Num   8  56 YN.        4.       abdominal tenderness
  9 PHS_5    Num   8  64 YN.        4.       hernia present
 10 PHS_6    Num   8  72 YN.        4.       perineal masses
 11 PHS_7    Num   8  80 YN.        4.       perineal tenderness
 12 PHS_8    Num   8  88 YN.        4.       urethral mass
 13 PHS_9    Num   8  96 YN.        4.       pus from meatus
 14 PHS_10   Num   8 104 YN.        4.       urethral tenderness
 15 PHS_11   Num   8 112 YN.        4.       rectal exam normal
 16 PHS_12   Num   8 120 YN.        4.       rectal masses
 18 PHS_13   Num   8 136 NWA.       4.       rectal sphincter tone
 19 PHS_14   Num   8 144 NBDA.      4.       bulbocavernous reflex
 20 PHS_15   Num   8 152 NWA.       4.       voluntary contraction
                                             of the anal sphincter
 21 PHS_16   Num   8 160 NBDA.      4.       perianal sensation
 22 PHS_17   Num   8 168 YN.        4.       prostate tenderness
 23 PHS_18   Num   8 176 YN.        4.       prostate nodules
 24 PHS_19   Num   8 184 PROSTSZ.   4.       prostate size
 25 PHS_20   Num   8 192 LESIONS.   4.       cutaneous lesions (male exam)
 30 PHS_22   Num   8 232 YN.        4.       penis circumcised
 31 PHS_23   Num   8 240 LESIONS.   4.       cutaneous lesions (female exam)
 32 PHS_24   Num   8 248 YN.        4.       urethral caruncle
 33 PHS_25   Num   8 256 YN.        4.       vaginal discharge
 34 PHS_26   Num   8 264 YN.        4.       atrophic vaginitis
 35 PHS_27   Num   8 272 NSMOO.     4.       cystocele
 36 PHS_28   Num   8 280 NSMOO.     4.       rectocele
 37 PHS_29   Num   8 288 NSMOO.     4.       enterocele
 38 PHS_30   Num   8 296 NSMOO.     4.       prolasped uterus
 39 PHS_31   Num   8 304 YN.        4.       redness of introitus
```

```
                          The SAS System   10:06 Thursday, February 17, 2005

                          The CONTENTS Procedure

                -----Alphabetic List of Variables and Attributes-----

  # Variable Type Len Pos Format     Informat Label
---------------------------------------------------------------------------
 40 PHS_32   Num   8 312 YN.         4.       tenderness of introitus
 41 PHS_33   Num   8 320 YN.         4.       diagnosis of vulvodynia
 42 PHS_34   Num   8 328 YN.         4.       signs of vaginitis
 26 PHS_21A  Num   8 200 YN.         4.       left testes present
 27 PHS_21B  Num   8 208 DU.         4.       left testes descended
 28 PHS_21C  Num   8 216 YN.         4.       right testes present
 29 PHS_21D  Num   8 224 DU.         4.       right testes descended
 43 PHS_35A  Num   8 336 NMMS.       4.       tenderness - posterior vaginal wall
 44 PHS_35B  Num   8 344 NMMS.       4.       tenderness - urethra
 45 PHS_35C  Num   8 352 NMMS.       4.       tenderness - right lateral wall
 46 PHS_35D  Num   8 360 NMMS.       4.       tenderness - left lateral wall
 47 PHS_35E  Num   8 368 NMMS.       4.       tenderness - bladder base
 17 PHS_NEUR Num   8 128 YN.         4.       neurological exam
  4 P_ID     Num   8  24 6.          6.       physician ID number
  1 SUBJ     Num   8   0 11.         11.      patient ID number
  3 V_DATE   Num   8  16 MMDDYY8.    MMDDYY8. visit date
  2 V_TYPE   Num   8   8 4.          4.       visit type: month of visit
```

```
                          The SAS System    10:06 Thursday, February 17, 2005

                       The CONTENTS Procedure

Data Set Name: OUT.PHYTRT                        Observations:         5297
Member Type:   DATA                              Variables:            11
Engine:        V8                                Indexes:              0
Created:       10:06 Thursday, February 17, 2005 Observation Length:   88
Last Modified: 10:06 Thursday, February 17, 2005 Deleted Observations: 0
Protection:                                      Compressed:           NO
Data Set Type:                                   Sorted:               NO
Label:


                    -----Engine/Host Dependent Information-----

Data Set Page Size:        8192
Number of Data Set Pages:  58
First Data Page:           1
Max Obs per Page:          92
Obs in First Data Page:    66
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/phytrt.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520665
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         483328


                    -----Alphabetic List of Variables and Attributes-----

  #    Variable  Type   Len   Pos   Format     Informat   Label
  ----------------------------------------------------------------------------
  5    ECODE     Char   4     80    $4.        $4.        ecode
  4    ENTRYNO   Num    8     24    4.         4.         entryno
  7    PHY_1     Num    8     40    CONTACT.   4.         type of contact
  8    PHY_2     Num    8     48    PTHLTH.    4.         patient's overall health
  9    PHY_3     Num    8     56    YN.        4.         cystoscopy be performed
 10    PHY_4     Num    8     64    YN.        4.         undergoing treatment
 11    PHY_4A    Num    8     72    TRTEFF.    4.         is treatment effective
  6    P_ID      Num    8     32    6.         6.         physician ID number
  1    SUBJ      Num    8     0     11.        11.        patient ID number
  3    V_DATE    Num    8     16    MMDDYY8.   MMDDYY8.   visit date
  2    V_TYPE    Num    8     8     4.         4.         visit type: month of visit
```

```
                          The SAS System    10:06 Thursday, February 17, 2005

                      The CONTENTS Procedure

Data Set Name: OUT.PNLOC_CD                        Observations:          168
Member Type:   DATA                                Variables:             2
Engine:        V8                                  Indexes:               0
Created:       10:06 Thursday, February 17, 2005   Observation Length:    48
Last Modified: 10:06 Thursday, February 17, 2005   Deleted Observations:  0
Protection:                                        Compressed:            NO
Data Set Type:                                     Sorted:                NO
Label:


                      -----Engine/Host Dependent Information-----

Data Set Page Size:        8192
Number of Data Set Pages:  2
First Data Page:           1
Max Obs per Page:          169
Obs in First Data Page:    144
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/pnloc_cd.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520666
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         24576


                 -----Alphabetic List of Variables and Attributes-----

        #    Variable   Type    Len    Pos    Format    Informat    Label
        ----------------------------------------------------------------
        2    CODE       Num     8      0      6.        6.          code
        1    NAME       Char    35     8      $35.      $35.        name
```

```
                    The SAS System   10:06 Thursday, February 17, 2005

                    The CONTENTS Procedure

Data Set Name: OUT.PREG                        Observations:          899
Member Type:   DATA                            Variables:             19
Engine:        V8                              Indexes:               0
Created:       10:06 Thursday, February 17, 2005   Observation Length:    152
Last Modified: 10:06 Thursday, February 17, 2005   Deleted Observations: 0
Protection:                                    Compressed:            NO
Data Set Type:                                 Sorted:                NO
Label:


                    -----Engine/Host Dependent Information-----

Data Set Page Size:        16384
Number of Data Set Pages:  9
First Data Page:           1
Max Obs per Page:          107
Obs in First Data Page:    85
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/preg.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520667
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         155648


                    -----Alphabetic List of Variables and Attributes-----

  # Variable Type Len Pos Format   Informat Label
  --------------------------------------------------------------------------
  4 I_ID     Num   8  24 6.       6.       interviewer ID number
  5 PREG_1   Num   8  32 YN.      4.       reached menopause
  6 PREG_2   Num   8  40 4.       4.       number of pregnancies
 14 PREG_3   Num   8 104 YN.      4.       symptoms began before first pregnancy
 15 PREG_4   Num   8 112 YN.      4.       symptoms began during a pregnancy
 16 PREG_5   Num   8 120 YN.      4.       symptoms began after delivery
 17 PREG_6   Num   8 128 YN.      4.       symptoms improve during pregnancy
 18 PREG_7   Num   8 136 YND.     4.       bacterial cystitis during pregancy
 19 PREG_8   Num   8 144 4.       4.       # of caesarian sections
  7 PREG_2A  Num   8  48 4.       4.       # of live single births
  8 PREG_2B  Num   8  56 4.       4.       # of live multiple births
  9 PREG_2C  Num   8  64 4.       4.       # of still births
 10 PREG_2D  Num   8  72 4.       4.       # of miscarriages
 11 PREG_2E  Num   8  80 4.       4.       # of abortions
 12 PREG_2F  Num   8  88 4.       4.       # of ectopic/tubal pregnancies
 13 PREG_2G  Num   8  96 MMDDYY8. MMDDYY8. preg_2g
  1 SUBJ     Num   8   0 11.      11.      patient ID number
  3 V_DATE   Num   8  16 MMDDYY8. MMDDYY8. visit date
  2 V_TYPE   Num   8   8 4.       4.       visit type: month of visit
```

```
                              The SAS System    10:06 Thursday, February 17, 2005

                          The CONTENTS Procedure

Data Set Name: OUT.PRIOR                         Observations:          637
Member Type:    DATA                             Variables:             90
Engine:         V8                               Indexes:               0
Created:        10:06 Thursday, February 17, 2005 Observation Length:   720
Last Modified: 10:06 Thursday, February 17, 2005 Deleted Observations: 0
Protection:                                      Compressed:            NO
Data Set Type:                                   Sorted:                NO
Label:


                   -----Engine/Host Dependent Information-----

Data Set Page Size:         65536
Number of Data Set Pages:   8
First Data Page:            1
Max Obs per Page:           90
Obs in First Data Page:     73
Number of Data Set Repairs: 0
File Name:                  /project/ic-interim/programs/NIDDKrepository/
                            individual_data/prior.sas7bdat
Release Created:            8.0202M0
Host Created:               SunOS
Inode Number:               1520668
Access Permission:          rw-rw----
Owner Name:                 cbrensin
File Size (bytes):          532480


                   -----Alphabetic List of Variables and Attributes-----

  # Variable Type Len Pos Format    Informat Label
  ---------------------------------------------------------------------------
  4 I_ID     Num   8  24 6.        6.       interviewer ID number
  5 PR_1     Num   8  32 YN.       4.       diagnostic tests for urinary symptoms
  6 PR_2     Num   8  40 YNU.      4.       pelvic ultrasound
  8 PR_3     Num   8  56 YNU.      4.       IVP (kidneys, bladder) - y/n
 10 PR_4     Num   8  72 YNU.      4.       cystoscopy - y/n
 12 PR_5     Num   8  88 YNU.      4.       hydrodistention - y/n
 14 PR_6     Num   8 104 YNU.      4.       bladder biopsy - y/n
 16 PR_7     Num   8 120 YNU.      4.       urodynamic evaluation - y/n
 18 PR_8     Num   8 136 YNU.      4.       CT/CAT scan - y/n
 20 PR_9     Num   8 152 YNU.      4.       renal ultrasound - y/n
 22 PR_10    Num   8 168 YNU.      4.       voiding cystometrogram - y/n
 24 PR_11    Num   8 184 YN.       4.       treatment for urinary symptoms
 25 PR_12    Num   8 192 YN.       4.       surgery for urinary symptoms
 26 PR_13    Num   8 200 YNU.      4.       laser treatment for bladder - y/n
 28 PR_14    Num   8 216 YNU.      4.       bladder hydrodistention - y/n
 30 PR_15    Num   8 232 YNU.      4.       bladder resection/fulguration - y/n
 32 PR_16    Num   8 248 YNU.      4.       urethral dilation - y/n
 34 PR_17    Num   8 264 YNU.      4.       neurostimulation - y/n
 36 PR_18    Num   8 280 YNU.      4.       bladder diversion - y/n
 38 PR_19    Num   8 296 YN.       4.       instillations for urinary symptoms
 39 PR_20    Num   8 304 YND.      4.       DMSO instill. - y/n
 41 PR_21    Num   8 320 YND.      4.       local anesthetics instill. - y/n
 43 PR_22    Num   8 336 YND.      4.       clorpactin instill. - y/n
 45 PR_23    Num   8 352 YND.      4.       heparin instill. - y/n
 47 PR_24    Num   8 368 YND.      4.       steroids instill. - y/n
 49 PR_25    Num   8 384 YND.      4.       narcotics instill. - y/n
 51 PR_26    Num   8 400 YND.      4.       Elmiron instill. - y/n
 53 PR_27    Num   8 416 YN.       4.       oral meds for urinary symptoms
 54 PR_28    Num   8 424 YND.      4.       antibiotics/antimicrobials - y/n
 56 PR_29    Num   8 440 YND.      4.       anticholinergics/antispasm. - y/n
 58 PR_30    Num   8 456 YND.      4.       antidepressants - y/n
```

```
                           The SAS System   10:06 Thursday, February 17, 2005

                          The CONTENTS Procedure

                 -----Alphabetic List of Variables and Attributes-----

    # Variable Type Len Pos Format   Informat Label
   ----------------------------------------------------------------------------
   60 PR_31    Num   8 472 YND.      4.       ani-inflammatories - y/n
   62 PR_32    Num   8 488 YND.      4.       urinary tract analg. - y/n
   64 PR_33    Num   8 504 YND.      4.       antihistamines - y/n
   66 PR_34    Num   8 520 YND.      4.       narcotics - y/n
   68 PR_35    Num   8 536 YND.      4.       anti-anxiety - y/n
   70 PR_36    Num   8 552 YND.      4.       steroids - y/n
   72 PR_37    Num   8 568 YND.      4.       alpha-blockers - y/n
   74 PR_38    Num   8 584 YND.      4.       calcium channel blockers - y/n
   76 PR_39    Num   8 600 YND.      4.       Nalmefene - y/n
   78 PR_40    Num   8 616 YND.      4.       Elmiron - y/n
   80 PR_41    Num   8 632 YND.      4.       electrical stimulation - y/n
   82 PR_42    Num   8 648 YND.      4.       acupuncture/accupressure - y/n
   84 PR_43    Num   8 664 YND.      4.       special diet - y/n
   86 PR_44    Num   8 680 YND.      4.       stress reduction - y/n
   88 PR_45    Num   8 696 YND.      4.       biofeedback - y/n
   90 PR_46    Num   8 712 YN.       4.       other treatments for symptoms
   23 PR_10A   Num   8 176 NAU.      4.       voiding cystometrogram - result
   27 PR_13A   Num   8 208 TRTRLF.   4.       laser treatment for bladder - relief
   29 PR_14A   Num   8 224 TRTRLF.   4.       bladder hydrodistention - relief
   31 PR_15A   Num   8 240 TRTRLF.   4.       bladder resection/fulguration - relief
   33 PR_16A   Num   8 256 TRTRLF.   4.       urethral dilation - relief
   35 PR_17A   Num   8 272 TRTRLF.   4.       neurostimulation - relief
   37 PR_18A   Num   8 288 TRTRLF.   4.       bladder diversion - y/n
   40 PR_20A   Num   8 312 TRTRLF.   4.       DMSO instill. - relief
   42 PR_21A   Num   8 328 TRTRLF.   4.       local anesthetics instill. - relief
   44 PR_22A   Num   8 344 TRTRLF.   4.       clorpactin instill. - relief
   46 PR_23A   Num   8 360 TRTRLF.   4.       heparin instill. - relief
   48 PR_24A   Num   8 376 TRTRLF.   4.       steroids instill. - relief
   50 PR_25A   Num   8 392 TRTRLF.   4.       narcotics instill. - relief
   52 PR_26A   Num   8 408 TRTRLF.   4.       Elmiron instill. - relief
   55 PR_28A   Num   8 432 TRTRLF.   4.       antibiotics/antimicrobials - relief
   57 PR_29A   Num   8 448 TRTRLF.   4.       anticholinergics/antispasm. - relief
    7 PR_2A    Num   8  48 NAU.      4.       pelvic ultrasound - result
   59 PR_30A   Num   8 464 TRTRLF.   4.       antidepressants - relief
   61 PR_31A   Num   8 480 TRTRLF.   4.       anti-inflammatories - relief
   63 PR_32A   Num   8 496 TRTRLF.   4.       urinary tract analg. - relief
   65 PR_33A   Num   8 512 TRTRLF.   4.       antihistamines - relief
   67 PR_34A   Num   8 528 TRTRLF.   4.       narcotics - relief
   69 PR_35A   Num   8 544 TRTRLF.   4.       anti-anxiety - relief
   71 PR_36A   Num   8 560 TRTRLF.   4.       steroids - relief
   73 PR_37A   Num   8 576 TRTRLF.   4.       alpha-blockers - relief
   75 PR_38A   Num   8 592 TRTRLF.   4.       calcium channel blockers - relief
   77 PR_39A   Num   8 608 TRTRLF.   4.       Nalmefene - relief
    9 PR_3A    Num   8  64 NAU.      4.       IVP (kidneys, bladder) - result
   79 PR_40A   Num   8 624 TRTRLF.   4.       Elmiron - relief
   81 PR_41A   Num   8 640 TRTRLF.   4.       electrical stimulation - relief
   83 PR_42A   Num   8 656 TRTRLF.   4.       acupuncture/accupressure - relief
   85 PR_43A   Num   8 672 TRTRLF.   4.       special diet - relief
   87 PR_44A   Num   8 688 TRTRLF.   4.       stress reduction - relief
   89 PR_45A   Num   8 704 TRTRLF.   4.       biofeedback - relief
   11 PR_4A    Num   8  80 NAU.      4.       cystoscopy - result
   13 PR_5A    Num   8  96 NAU.      4.       hydrodistention - result
   15 PR_6A    Num   8 112 NAU.      4.       bladder biopsy - result
   17 PR_7A    Num   8 128 NAU.      4.       urodynamic evaluation - result
   19 PR_8A    Num   8 144 NAU.      4.       CT/CAT scan - result
   21 PR_9A    Num   8 160 NAU.      4.       renal ultrasound - result
    1 SUBJ     Num   8   0 11.       11.      patient ID number
    3 V_DATE   Num   8  16 MMDDYY8.  MMDDYY8. visit date
    2 V_TYPE   Num   8   8 4.        4.       visit type: month of visit
```

```
                         The SAS System   10:06 Thursday, February 17, 2005

                      The CONTENTS Procedure

Data Set Name: OUT.PRIORTRT                        Observations:          142
Member Type:   DATA                                Variables:             6
Engine:        V8                                  Indexes:               0
Created:       10:06 Thursday, February 17, 2005   Observation Length:    48
Last Modified: 10:06 Thursday, February 17, 2005   Deleted Observations:  0
Protection:                                        Compressed:            NO
Data Set Type:                                     Sorted:                NO
Label:


                 -----Engine/Host Dependent Information-----

Data Set Page Size:        8192
Number of Data Set Pages:  2
First Data Page:           1
Max Obs per Page:          169
Obs in First Data Page:    133
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/priortrt.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520669
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         24576


              -----Alphabetic List of Variables and Attributes-----

#    Variable  Type   Len  Pos   Format     Informat   Label
-------------------------------------------------------------------------------
5    OPR_CD    Num    8    32    6.         6.         treatment code
4    OPR_NUM   Num    8    24    4.         4.         other treatment number (key)
6    OPR_TRTA  Num    8    40    TRTRLF.    4.         treatment - relief
1    SUBJ      Num    8     0    11.        11.        patient ID number
3    V_DATE    Num    8    16    MMDDYY8.   MMDDYY8.   visit date
2    V_TYPE    Num    8     8    4.         4.         visit type: month of visit
```

```
                              The SAS System    10:06 Thursday, February 17, 2005

                           The CONTENTS Procedure

Data Set Name: OUT.PURG                           Observations:          5337
Member Type:   DATA                               Variables:             6
Engine:        V8                                 Indexes:               0
Created:       10:06 Thursday, February 17, 2005  Observation Length:    48
Last Modified: 10:06 Thursday, February 17, 2005  Deleted Observations:  0
Protection:                                       Compressed:            NO
Data Set Type:                                    Sorted:                NO
Label:


                     -----Engine/Host Dependent Information-----

Data Set Page Size:        8192
Number of Data Set Pages:  32
First Data Page:           1
Max Obs per Page:          169
Obs in First Data Page:    133
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/purg.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520670
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         270336


                     -----Alphabetic List of Variables and Attributes-----

 #   Variable   Type   Len   Pos   Format     Informat   Label
 ------------------------------------------------------------------------------
 5   PURG_1     Num    8     32    PURGFMT.    4.         urinary pain scale
 6   PURG_2     Num    8     40    PURGFMT.    4.         urinary urgency scale
 4   R_ID       Num    8     24    6.          6.         reviewer ID number
 1   SUBJ       Num    8     0     11.         11.        patient ID number
 3   V_DATE     Num    8     16    MMDDYY8.    MMDDYY8.   visit date
 2   V_TYPE     Num    8     8     4.          4.         visit type: month of visit
```

```
                           The SAS System   10:06 Thursday, February 17, 2005

                          The CONTENTS Procedure

Data Set Name: OUT.QUL                        Observations:        2650
Member Type:   DATA                           Variables:           50
Engine:        V8                             Indexes:             0
Created:       10:06 Thursday, February 17, 2005  Observation Length:  400
Last Modified: 10:06 Thursday, February 17, 2005  Deleted Observations: 0
Protection:                                   Compressed:          NO
Data Set Type:                                Sorted:              NO
Label:


                    -----Engine/Host Dependent Information-----

Data Set Page Size:        32768
Number of Data Set Pages:  33
First Data Page:           1
Max Obs per Page:          81
Obs in First Data Page:    63
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/qul.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520671
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         1089536


                    -----Alphabetic List of Variables and Attributes-----

 # Variable Type Len Pos Format    Informat Label
--------------------------------------------------------------------------------
45 BPAIN    Num  8 352                       Standardized Bodily Pain Scale
43 EROLE    Num  8 336                       Standardized Role Func. - Emotional Scal
48 GENERAL  Num  8 376                       Standardized General Health Percept. Sca
50 MCS      Num  8 392                       SF36: Mental component score
46 MENTAL   Num  8 360                       Standardized Mental Health Scale
49 PCS      Num  8 384                       SF36: Physical component score
41 PHYSICAL Num  8 320                       Standardized Physical Scale
42 PROLE    Num  8 328                       Standardized Role Func. - Physical Scale
 5 QUL_1    Num  8  32 HLTHNOW.  4.          current general health
 6 QUL_2    Num  8  40 HLTHYEAR. 4.          general health compared to 1 year ago
24 QUL_6    Num  8 184 EXTINT.   4.          extent of interference w/ social act.
25 QUL_7    Num  8 192 BODYPAIN. 4.          bodily pain
26 QUL_8    Num  8 200 PAININT.  4.          extent of pain interference w/ work
36 QUL_10   Num  8 280 TIMEINT.  4.          extent of interference w/ social act.
37 QUL_11A  Num  8 288 HLTHFEEL. 4.          get sick easier than other people
38 QUL_11B  Num  8 296 HLTHFEEL. 4.          as healthy as anybody I know
39 QUL_11C  Num  8 304 HLTHFEEL. 4.          expect health to get worse
40 QUL_11D  Num  8 312 HLTHFEEL. 4.          health is excellent
 7 QUL_3A   Num  8  48 LIMIT.    4.          limited: vigorous activities
 8 QUL_3B   Num  8  56 LIMIT.    4.          limited: moderate activities
 9 QUL_3C   Num  8  64 LIMIT.    4.          limited: lifting/carrying groceries
10 QUL_3D   Num  8  72 LIMIT.    4.          limited: several flights of stairs
11 QUL_3E   Num  8  80 LIMIT.    4.          limited: one flight of stairs
12 QUL_3F   Num  8  88 LIMIT.    4.          limited: bending, kneeling, stooping
13 QUL_3G   Num  8  96 LIMIT.    4.          limited: walking more than a mile
14 QUL_3H   Num  8 104 LIMIT.    4.          limited: walking several blocks
15 QUL_3I   Num  8 112 LIMIT.    4.          limited: walking one block
16 QUL_3J   Num  8 120 LIMIT.    4.          limited: bathing/dressing
17 QUL_4A   Num  8 128 QUL_YN.   4.          physical: decreasing time of act.
18 QUL_4B   Num  8 136 QUL_YN.   4.          physical: accomplish less
19 QUL_4C   Num  8 144 QUL_YN.   4.          physical: limited in type of act.
```

```
                              The SAS System    10:06 Thursday, February 17, 2005

                           The CONTENTS Procedure

                    -----Alphabetic List of Variables and Attributes-----

    # Variable Type Len Pos Format     Informat Label
   ------------------------------------------------------------------------------
   20 QUL_4D   Num    8 152 QUL_YN.    4.       physical: difficulty performing act.
   21 QUL_5A   Num    8 160 QUL_YN.    4.       emotional: decreasing time of act.
   22 QUL_5B   Num    8 168 QUL_YN.    4.       emotional: accomplish less
   23 QUL_5C   Num    8 176 QUL_YN.    4.       emotional: less careful in act.
   27 QUL_9A   Num    8 208 FEELING.   4.       feel full of pep
   28 QUL_9B   Num    8 216 FEELING.   4.       been a very nervous person
   29 QUL_9C   Num    8 224 FEELING.   4.       felt so down in the dumps
   30 QUL_9D   Num    8 232 FEELING.   4.       felt calm and peaceful
   31 QUL_9E   Num    8 240 FEELING.   4.       have a lot of energy
   32 QUL_9F   Num    8 248 FEELING.   4.       felt downhearted and blue
   33 QUL_9G   Num    8 256 FEELING.   4.       feel worn out
   34 QUL_9H   Num    8 264 FEELING.   4.       been a happy person
   35 QUL_9I   Num    8 272 FEELING.   4.       feel tired
    4 R_ID     Num    8  24 6.         6.       reviewer ID number
   44 SOCIAL   Num    8 344                     Standardized Social Scale
    1 SUBJ     Num    8   0 11.        11.      patient ID number
   47 VITALITY Num    8 368                     Standardized Vitality Scale
    3 V_DATE   Num    8  16 MMDDYY8.   MMDDYY8. visit date
    2 V_TYPE   Num    8   8 4.         4.       visit type: month of visit
```

```
                        The SAS System    10:06 Thursday, February 17, 2005

                    The CONTENTS Procedure

Data Set Name: OUT.RACE_CD                          Observations:          12
Member Type:   DATA                                 Variables:             2
Engine:        V8                                   Indexes:               0
Created:       10:06 Thursday, February 17, 2005    Observation Length:    40
Last Modified: 10:06 Thursday, February 17, 2005    Deleted Observations:  0
Protection:                                         Compressed:            NO
Data Set Type:                                      Sorted:                NO
Label:


                   -----Engine/Host Dependent Information-----

Data Set Page Size:        8192
Number of Data Set Pages:  1
First Data Page:           1
Max Obs per Page:          203
Obs in First Data Page:    12
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/race_cd.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520672
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         16384


               -----Alphabetic List of Variables and Attributes-----

      #    Variable    Type    Len    Pos    Format    Informat    Label
      -------------------------------------------------------------------
      2    CODE        Num      8      0     6.        6.          code
      1    NAME        Char    25      8     $25.      $25.        name
```

```
                          The SAS System    10:06 Thursday, February 17, 2005

                        The CONTENTS Procedure

Data Set Name: OUT.REIN                        Observations:          6
Member Type:    DATA                           Variables:             5
Engine:         V8                             Indexes:               0
Created:        10:06 Thursday, February 17, 2005    Observation Length:   40
Last Modified: 10:06 Thursday, February 17, 2005     Deleted Observations: 0
Protection:                                    Compressed:            NO
Data Set Type:                                 Sorted:                NO
Label:


                    -----Engine/Host Dependent Information-----

Data Set Page Size:          8192
Number of Data Set Pages:    1
First Data Page:             1
Max Obs per Page:            203
Obs in First Data Page:      6
Number of Data Set Repairs:  0
File Name:                   /project/ic-interim/programs/NIDDKrepository/
                             individual_data/rein.sas7bdat
Release Created:             8.0202M0
Host Created:                SunOS
Inode Number:                1520674
Access Permission:           rw-rw----
Owner Name:                  cbrensin
File Size (bytes):           16384


                    -----Alphabetic List of Variables and Attributes-----

 #  Variable  Type  Len  Pos  Format     Informat  Label
 ----------------------------------------------------------------------------
 5  REASON    Num    8    32  REIN_CD.   4.        reason for reinstatement
 1  SUBJ      Num    8     0  11.        11.       patient ID number
 3  V_DATE    Num    8    16  MMDDYY8.   MMDDYY8.  visit date
 2  V_TYPE    Num    8     8  4.         4.        visit type: month of visit
 4  WITH_DT   Num    8    24  MMDDYY8.   MMDDYY8.  last study visit or phone contact
```

The SAS System   10:06 Thursday, February 17, 2005

The CONTENTS Procedure

```
Data Set Name: OUT.REIN_CD                        Observations:           9
Member Type:   DATA                               Variables:              2
Engine:        V8                                 Indexes:                0
Created:       10:06 Thursday, February 17, 2005  Observation Length:     64
Last Modified: 10:06 Thursday, February 17, 2005  Deleted Observations:   0
Protection:                                       Compressed:             NO
Data Set Type:                                    Sorted:                 NO
Label:
```

-----Engine/Host Dependent Information-----

```
Data Set Page Size:       8192
Number of Data Set Pages: 1
First Data Page:          1
Max Obs per Page:         127
Obs in First Data Page:   9
Number of Data Set Repairs: 0
File Name:                /project/ic-interim/programs/NIDDKrepository/
                          individual_data/rein_cd.sas7bdat
Release Created:          8.0202M0
Host Created:             SunOS
Inode Number:             1520675
Access Permission:        rw-rw----
Owner Name:               cbrensin
File Size (bytes):        16384
```

-----Alphabetic List of Variables and Attributes-----

```
#    Variable   Type   Len   Pos   Format   Informat   Label
----------------------------------------------------------------
2    CODE       Num     8     0    4.       4.         code
1    NAME       Char   50     8    $50.     $50.       name
```

```
                          The SAS System    10:06 Thursday, February 17, 2005

                      The CONTENTS Procedure

Data Set Name: OUT.RELIG_CD                        Observations:          31
Member Type:   DATA                                Variables:             2
Engine:        V8                                  Indexes:               0
Created:       10:06 Thursday, February 17, 2005   Observation Length:    40
Last Modified: 10:06 Thursday, February 17, 2005   Deleted Observations:  0
Protection:                                        Compressed:            NO
Data Set Type:                                     Sorted:                NO
Label:


                -----Engine/Host Dependent Information-----

Data Set Page Size:        8192
Number of Data Set Pages:  1
First Data Page:           1
Max Obs per Page:          203
Obs in First Data Page:    31
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/relig_cd.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520676
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         16384


           -----Alphabetic List of Variables and Attributes-----

     #    Variable   Type   Len   Pos   Format   Informat   Label
     ----------------------------------------------------------------
     2    CODE       Num     8     0    6.       6.         code
     1    NAME       Char   25     8    $25.     $25.       name
```

```
                              The SAS System   10:06 Thursday, February 17, 2005

                         The CONTENTS Procedure

Data Set Name: OUT.SCR                              Observations:          638
Member Type:   DATA                                 Variables:             6
Engine:        V8                                   Indexes:               0
Created:       10:06 Thursday, February 17, 2005    Observation Length:    48
Last Modified: 10:06 Thursday, February 17, 2005    Deleted Observations:  0
Protection:                                         Compressed:            NO
Data Set Type:                                      Sorted:                NO
Label:


                    -----Engine/Host Dependent Information-----

Data Set Page Size:        8192
Number of Data Set Pages:  4
First Data Page:           1
Max Obs per Page:          169
Obs in First Data Page:    133
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/scr.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520677
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         40960


                   -----Alphabetic List of Variables and Attributes-----

  #    Variable   Type   Len   Pos    Format     Informat    Label
  ----------------------------------------------------------------------------
  5    SCR_1      Num    8     32     SIGNPI.    4.          RC signature - y/n
  6    SCR_2      Num    8     40     SIGNPI.    4.          PI signature - y/n
  4    SCR_COMP   Num    8     24     SRCCOMP.   4.          patient has IC complex
  1    SUBJ       Num    8     0      11.        11.         patient ID number
  3    V_DATE     Num    8     16     MMDDYY8.   MMDDYY8.    visit date
  2    V_TYPE     Num    8     8      4.         4.          visit type: month of visit
```

```
                      The SAS System   10:06 Thursday, February 17, 2005

                   The CONTENTS Procedure

Data Set Name: OUT.SLTR                          Observations:          255
Member Type:   DATA                              Variables:             10
Engine:        V8                                Indexes:               0
Created:       10:06 Thursday, February 17, 2005 Observation Length:    80
Last Modified: 10:06 Thursday, February 17, 2005 Deleted Observations:  0
Protection:                                      Compressed:            NO
Data Set Type:                                   Sorted:                NO
Label:


               -----Engine/Host Dependent Information-----

Data Set Page Size:       8192
Number of Data Set Pages: 3
First Data Page:          1
Max Obs per Page:         101
Obs in First Data Page:   74
Number of Data Set Repairs: 0
File Name:                /project/ic-interim/programs/NIDDKrepository/
                          individual_data/sltr.sas7bdat
Release Created:          8.0202M0
Host Created:             SunOS
Inode Number:             1520678
Access Permission:        rw-rw----
Owner Name:               cbrensin
File Size (bytes):        32768


               -----Alphabetic List of Variables and Attributes-----

   # Variable Type Len Pos Format    Informat Label
  --------------------------------------------------------------------------
  10 APLNUM   Num    8  72 6.        6.       APL number
   6 B1_PATH  Num    8  40 BIOPPATH. 4.       biopsy1 - pathology
   5 B1_SITE  Num    8  32 BMAP_CD.  4.       biopsy 1 - site
   4 B_DATE   Num    8  24 MMDDYY8.  MMDDYY8. date of birth
   8 DATERECD Num    8  56 MMDDYY8.  MMDDYY8. date received at APL
   9 NUMRECD  Num    8  64 4.        4.       number of slides received at APL
   7 NUMSLIDE Num    8  48 4.        4.       number of slides sent to APL
   1 SUBJ     Num    8   0 11.       11.      patient ID number
   3 V_DATE   Num    8  16 MMDDYY8.  MMDDYY8. visit date
   2 V_TYPE   Num    8   8 4.        4.       visit type: month of visit
```

```
                        The SAS System    10:06 Thursday, February 17, 2005

                      The CONTENTS Procedure

Data Set Name: OUT.STATE_CD                        Observations:          51
Member Type:   DATA                                Variables:             2
Engine:        V8                                  Indexes:               0
Created:       10:06 Thursday, February 17, 2005   Observation Length:    40
Last Modified: 10:06 Thursday, February 17, 2005   Deleted Observations:  0
Protection:                                        Compressed:            NO
Data Set Type:                                     Sorted:                NO
Label:


                -----Engine/Host Dependent Information-----

Data Set Page Size:        8192
Number of Data Set Pages:  1
First Data Page:           1
Max Obs per Page:          203
Obs in First Data Page:    51
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/state_cd.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520679
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         16384


                -----Alphabetic List of Variables and Attributes-----

        #    Variable   Type    Len    Pos    Format    Informat    Label
        ---------------------------------------------------------------
        2    CODE       Num      8      0     4.        4.          code
        1    NAME       Char    25      8     $25.      $25.        name
```

```
                        The SAS System   10:06 Thursday, February 17, 2005

                     The CONTENTS Procedure

Data Set Name: OUT.SUBJSTAT                    Observations:          638
Member Type:   DATA                            Variables:             6
Engine:        V8                              Indexes:               0
Created:       10:06 Thursday, February 17, 2005   Observation Length:    48
Last Modified: 10:06 Thursday, February 17, 2005   Deleted Observations:  0
Protection:                                    Compressed:            NO
Data Set Type:                                 Sorted:                NO
Label:


                    -----Engine/Host Dependent Information-----

Data Set Page Size:       8192
Number of Data Set Pages: 4
First Data Page:          1
Max Obs per Page:         169
Obs in First Data Page:   132
Number of Data Set Repairs: 0
File Name:                /project/ic-interim/programs/NIDDKrepository/
                          individual_data/subjstat.sas7bdat
Release Created:          8.0202M0
Host Created:             SunOS
Inode Number:             1520680
Access Permission:        rw-rw----
Owner Name:               cbrensin
File Size (bytes):        40960


                    -----Alphabetic List of Variables and Attributes-----

    #  Variable Type  Len  Pos  Format    Informat  Label
    -----------------------------------------------------------------------
    6  FVCSDATE Num    8    40  MMDDYY8.  MMDDYY8.  date visit schedule sent
    4  LASTDATE Num    8    24  MMDDYY8.  MMDDYY8.  last screening visit date
    2  SCRCOMP  Num    8     8  4.        4.        screening completion status
    5  SCRDATE  Num    8    32  MMDDYY8.  MMDDYY8.  visit date of scr form
    1  SUBJ     Num    8     0  11.       11.       patient ID number
    3  WITHREIN Num    8    16  4.        4.        withdrawal/reinstatment status
```

The SAS System   10:06 Thursday, February 17, 2005

The CONTENTS Procedure

Data Set Name: OUT.SURVEY	Observations:	447
Member Type: DATA	Variables:	50
Engine: V8	Indexes:	0
Created: 10:06 Thursday, February 17, 2005	Observation Length:	400
Last Modified: 10:06 Thursday, February 17, 2005	Deleted Observations:	0
Protection:	Compressed:	NO
Data Set Type:	Sorted:	NO
Label:		

-----Engine/Host Dependent Information-----

```
Data Set Page Size:        32768
Number of Data Set Pages:  6
First Data Page:           1
Max Obs per Page:          81
Obs in First Data Page:    66
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/survey.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520681
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         204800
```

-----Alphabetic List of Variables and Attributes-----

#	Variable	Type	Len	Pos	Format	Informat	Label
5	ECODE	Char	4	392	$4.	$4.	ecode
4	ENTRYNO	Num	8	24	4.	4.	entryno
1	SUBJ	Num	8	0	11.	11.	subj
32	SURV_4	Num	8	240	6.	6.	surv_4
33	SURV_5	Num	8	248	6.	6.	surv_5
34	SURV_6	Num	8	256	6.	6.	surv_6
35	SURV_7	Num	8	264	6.	6.	surv_7
36	SURV_8	Num	8	272	6.	6.	surv_8
37	SURV_9	Num	8	280	6.	6.	surv_9
38	SURV_10A	Num	8	288	6.	6.	surv_10a
39	SURV_10B	Num	8	296	6.	6.	surv_10b
40	SURV_10C	Num	8	304	6.	6.	surv_10c
41	SURV_10D	Num	8	312	6.	6.	surv_10d
42	SURV_10E	Num	8	320	6.	6.	surv_10e
43	SURV_10F	Num	8	328	6.	6.	surv_10f
44	SURV_10G	Num	8	336	6.	6.	surv_10g
45	SURV_10H	Num	8	344	6.	6.	surv_10h
46	SURV_10I	Num	8	352	6.	6.	surv_10i
47	SURV_10J	Num	8	360	6.	6.	surv_10j
48	SURV_10K	Num	8	368	6.	6.	surv_10k
49	SURV_10L	Num	8	376	6.	6.	surv_10l
50	SURV_10M	Num	8	384	6.	6.	surv_10m
6	SURV_1A	Num	8	32	6.	6.	surv_1a
7	SURV_1B	Num	8	40	6.	6.	surv_1b
8	SURV_1C	Num	8	48	6.	6.	surv_1c
9	SURV_1D	Num	8	56	6.	6.	surv_1d
10	SURV_1E	Num	8	64	6.	6.	surv_1e
11	SURV_1F	Num	8	72	6.	6.	surv_1f
12	SURV_1G	Num	8	80	6.	6.	surv_1g
13	SURV_1H	Num	8	88	6.	6.	surv_1h
14	SURV_1I	Num	8	96	6.	6.	surv_1i

```
                    The SAS System   10:06 Thursday, February 17, 2005

                    The CONTENTS Procedure

           -----Alphabetic List of Variables and Attributes-----

      #     Variable    Type    Len    Pos    Format      Informat     Label
      ------------------------------------------------------------------------
      15    SURV_1J     Num      8     104    6.          6.           surv_1j
      16    SURV_1K     Num      8     112    6.          6.           surv_1k
      17    SURV_1L     Num      8     120    6.          6.           surv_1l
      18    SURV_2A     Num      8     128    6.          6.           surv_2a
      19    SURV_2B     Num      8     136    6.          6.           surv_2b
      20    SURV_2C     Num      8     144    6.          6.           surv_2c
      21    SURV_2D     Num      8     152    6.          6.           surv_2d
      22    SURV_2E     Num      8     160    6.          6.           surv_2e
      23    SURV_2F     Num      8     168    6.          6.           surv_2f
      24    SURV_2G     Num      8     176    6.          6.           surv_2g
      25    SURV_2H     Num      8     184    6.          6.           surv_2h
      26    SURV_2I     Num      8     192    6.          6.           surv_2i
      27    SURV_2J     Num      8     200    6.          6.           surv_2j
      28    SURV_3A     Num      8     208    6.          6.           surv_3a
      29    SURV_3B     Num      8     216    6.          6.           surv_3b
      30    SURV_3C     Num      8     224    6.          6.           surv_3c
      31    SURV_3D     Num      8     232    6.          6.           surv_3d
       3    V_DATE      Num      8      16    MMDDYY8.    MMDDYY8.      v_date
       2    V_TYPE      Num      8       8    4.          4.           v_type
```

The SAS System   10:06 Thursday, February 17, 2005

The CONTENTS Procedure

```
Data Set Name: OUT.SYMHX                           Observations:           638
Member Type:   DATA                                Variables:              32
Engine:        V8                                  Indexes:                0
Created:       10:06 Thursday, February 17, 2005   Observation Length:     256
Last Modified: 10:06 Thursday, February 17, 2005   Deleted Observations:   0
Protection:                                        Compressed:             NO
Data Set Type:                                     Sorted:                 NO
Label:
```

-----Engine/Host Dependent Information-----

```
Data Set Page Size:        24576
Number of Data Set Pages:  7
First Data Page:           1
Max Obs per Page:          95
Obs in First Data Page:    76
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/symhx.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520682
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         180224
```

-----Alphabetic List of Variables and Attributes-----

```
 # Variable Type Len Pos Format    Informat Label
----------------------------------------------------------------------------
 4 I_ID     Num   8  24 6.        6.       interviewer ID number
 5 SHX_1    Num   8  32 4.        4.       age when urinary symptoms began
 6 SHX_2    Num   8  40 YN.       4.       diagnosed with IC
 7 SHX_3    Num   8  48 YN.       4.       urologist first diagnosed IC
 8 SHX_4    Num   8  56 DOCTORS.  4.       number of doctors visited for symptoms
 9 SHX_5    Num   8  64 YN.       4.       experienced remission of symptoms
10 SHX_6    Num   8  72 REMISS.   4.       length of remissions
18 SHX_8    Num   8 136 ONSET.    4.       rate of onset of symptoms
19 SHX_9    Num   8 144 YNU.      4.       symptoms began with UTI
20 SHX_10   Num   8 152 YNU.      4.       symptoms began with antibiotics
21 SHX_11   Num   8 160 YNU.      4.       symptoms began with STD
22 SHX_12   Num   8 168 YNDNA.    4.       symptoms began with new partner
23 SHX_13   Num   8 176 YNU.      4.        symptoms began with pelvic surgery
24 SHX_14   Num   8 184 YNU.      4.       symptoms began with catheterization
25 SHX_15   Num   8 192 YNU.      4.       symptoms began with cystoscopy
26 SHX_16   Num   8 200 YNU.      4.       symptoms began with illness
27 SHX_17   Num   8 208 YNU.      4.       symptoms began with vaginal infection
28 SHX_18   Num   8 216 YN.       4.       reached menopause
32 SHX_19   Num   8 248 YN.       4.       any other cause of symptoms
29 SHX_18A  Num   8 224 YN.       4.       symptoms began during menopause
30 SHX_18B  Num   8 232 YN.       4.       taken post - menopausal supplements
31 SHX_18C  Num   8 240 YN.       4.       symptoms began with supplements
11 SHX_7A   Num   8  80 YNU.      4.       flare - physical exertion/stress
12 SHX_7B   Num   8  88 YNU.      4.       flare - illness
13 SHX_7C   Num   8  96 YNU.      4.       flare - vaginitis
14 SHX_7D   Num   8 104 YNU.      4.       flare - seasonal temperature change
15 SHX_7E   Num   8 112 YNU.      4.       flare - medication
16 SHX_7F   Num   8 120 YNU.      4.       flare - diet
17 SHX_7G   Num   8 128 YNU.      4.       flare - emotional stress/turmoil
 1 SUBJ     Num   8   0 11.       11.      patient ID number
 3 V_DATE   Num   8  16 MMDDYY8.  MMDDYY8. visit date
```

```
                         The SAS System   10:06 Thursday, February 17, 2005

                          The CONTENTS Procedure

                -----Alphabetic List of Variables and Attributes-----

    # Variable Type Len Pos Format    Informat Label
    -------------------------------------------------------------------------
    2 V_TYPE   Num   8   8 4.         4.       visit type: month of visit
```

The SAS System   10:06 Thursday, February 17, 2005

The CONTENTS Procedure

```
Data Set Name: OUT.SYMPH                          Observations:         2685
Member Type:   DATA                               Variables:            23
Engine:        V8                                 Indexes:              0
Created:       10:06 Thursday, February 17, 2005  Observation Length:   184
Last Modified: 10:06 Thursday, February 17, 2005  Deleted Observations: 0
Protection:                                       Compressed:           NO
Data Set Type:                                    Sorted:               NO
Label:
```

-----Engine/Host Dependent Information-----

```
Data Set Page Size:        16384
Number of Data Set Pages:  31
First Data Page:           1
Max Obs per Page:          88
Obs in First Data Page:    67
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/symph.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520683
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         516096
```

-----Alphabetic List of Variables and Attributes-----

```
 # Variable Type Len Pos Format    Informat Label
 --------------------------------------------------------------------------
 4 I_ID     Num   8  24 6.        6.       interviewer ID number
 1 SUBJ     Num   8   0 11.       11.      patient ID number
 5 SYMPH_1  Num   8  32 SYMPTSEV. 4.       severity of urinary symptoms
15 SYMPH_3  Num   8 112 FREQPRD.  4.       frequency - awake period
16 SYMPH_4  Num   8 120 FREQNITE. 4.       frequency - awakened at night
17 SYMPH_5  Num   8 128 FREQPRD.  4.       frequency - 24 hour period
 6 SYMPH_2A Num   8  40 OFTEN.    4.       urge to urinate - wet yourself
 7 SYMPH_2B Num   8  48 OFTEN.    4.       urge to urinate - unable to bear it
 8 SYMPH_2C Num   8  56 OFTEN.    4.       difficulty starting urine stream
 9 SYMPH_2D Num   8  64 OFTEN.    4.       blood in urine
10 SYMPH_2E Num   8  72 OFTEN.    4.       burning/pain during urination
11 SYMPH_2F Num   8  80 OFTEN.    4.       urine loss - cough/sneeze/activity
12 SYMPH_2G Num   8  88 OFTEN.    4.       urine loss - can't reach bathroom
13 SYMPH_2H Num   8  96 OFTEN.    4.       pain increase as bladder fills
14 SYMPH_2I Num   8 104 OFTEN.    4.       pain relieved by urination
18 SYMPH_6A Num   8 136 STRENGTH. 4.       intensity of pain now
19 SYMPH_6B Num   8 144 STRENGTH. 4.       intensity of pain at its worst
20 SYMPH_6C Num   8 152 STRENGTH. 4.       intensity of pain at its least
21 SYMPH_6D Num   8 160 STRENGTH. 4.       pain of worst toothache
22 SYMPH_6E Num   8 168 STRENGTH. 4.       pain of worst headache
23 SYMPH_6F Num   8 176 STRENGTH. 4.       pain of worst stomachache
 3 V_DATE   Num   8  16 MMDDYY8.  MMDDYY8. visit date
 2 V_TYPE   Num   8   8 4.        4.       visit type: month of visit
```

```
                         The SAS System   10:06 Thursday, February 17, 2005

                      The CONTENTS Procedure

Data Set Name: OUT.SYMPTS                       Observations:         2653
Member Type:   DATA                             Variables:            117
Engine:        V8                               Indexes:              0
Created:        10:06 Thursday, February 17, 2005    Observation Length:   936
Last Modified: 10:06 Thursday, February 17, 2005    Deleted Observations: 0
Protection:                                     Compressed:           NO
Data Set Type:                                  Sorted:               NO
Label:


                   -----Engine/Host Dependent Information-----

Data Set Page Size:         65536
Number of Data Set Pages:   39
First Data Page:            1
Max Obs per Page:           69
Obs in First Data Page:     53
Number of Data Set Repairs: 0
File Name:                  /project/ic-interim/programs/NIDDKrepository/
                            individual_data/sympts.sas7bdat
Release Created:            8.0202M0
Host Created:               SunOS
Inode Number:               1520701
Access Permission:          rw-rw----
Owner Name:                 cbrensin
File Size (bytes):          2564096


                   -----Alphabetic List of Variables and Attributes-----

   # Variable Type Len Pos Format    Informat Label
--------------------------------------------------------------------------------
   4 R_ID     Num   8  24 6.        6.       reviewer ID number
   1 SUBJ     Num   8   0 11.        11.      patient ID number
   5 SYM_1    Num   8  32 SYMPTSEV. 4.       severity of urinary symptoms
  15 SYM_3    Num   8 112 FREQPRD.  4.       frequency- awake period
  16 SYM_4    Num   8 120 FREQNITE. 4.       frequency - awakened at night
  17 SYM_5    Num   8 128 FREQPRD.  4.       frequency - 24 hour period
  18 SYM_6    Num   8 136 YN.       4.       pain/discomfort due to symptoms
  19 SYM_7    Num   8 144 YN.       4.       pain/discomfort in urethra
  30 SYM_8    Num   8 232 YN.       4.       pain/discomfort in lower back
  41 SYM_9    Num   8 320 YN.       4.       pain/discomfort in lower abdomen
  52 SYM_10   Num   8 408 YN.       4.       pain/discomfort in rectum
  63 SYM_11   Num   8 496 YN.       4.       pain/discomfort in vagina
  74 SYM_12   Num   8 584 YN.       4.       pain/discomfort in perineum
  85 SYM_13   Num   8 672 YN.       4.       pain/discomfort in other area
 103 SYM_15   Num   8 816 YNU.      4.       symptoms related to time of day
 104 SYM_16   Num   8 824 YNU.      4.       symptoms related to eating a meal
 110 SYM_18   Num   8 872 YNU.      4.       symptoms worsened by constipation
 111 SYM_19   Num   8 880 SEXFREQ.  4.       frequency of sexual activity
 112 SYM_20   Num   8 888 SXPAINFQ. 4.       pain/discomfort with sexual activity
 113 SYM_21   Num   8 896 SXPAINFQ. 4.       frequency of pain/discomfort with orgasm
 114 SYM_22   Num   8 904 SXPAINTM. 4.       beginning of pain with sexual activity
 115 SYM_23   Num   8 912 YN.       4.       avoid sexual activity due to symptoms
 116 SYM_24   Num   8 920 YN.       4.       currently menstruate
  53 SYM_10A1 Num   8 416 YN.       4.       dull pain: rectum
  54 SYM_10A2 Num   8 424 YN.       4.       aching pain: rectum
  55 SYM_10A3 Num   8 432 YN.       4.       bloating pain:  rectum
  56 SYM_10A4 Num   8 440 YN.       4.       pressure pain: rectum
  57 SYM_10A5 Num   8 448 YN.       4.       stabbing pain: rectum
  58 SYM_10A6 Num   8 456 YN.       4.       sharp pain: rectum
  59 SYM_10A7 Num   8 464 YN.       4.       spasm pain: rectum
  60 SYM_10A8 Num   8 472 YN.       4.       burning pain: rectum
```

The SAS System   10:06 Thursday, February 17, 2005

The CONTENTS Procedure

-----Alphabetic List of Variables and Attributes-----

```
   # Variable Type Len Pos Format    Informat Label
-----------------------------------------------------------------------------
  61 SYM_10B  Num   8 480 PERSIST.  4.        persistence of pain: rectum
  62 SYM_10C  Num   8 488 INTENSE.  4.        intensity of pain: rectum
  64 SYM_11A1 Num   8 504 YN.       4.        dull pain: vagina
  65 SYM_11A2 Num   8 512 YN.       4.        aching pain: vagina
  66 SYM_11A3 Num   8 520 YN.       4.        bloating pain:  vagina
  67 SYM_11A4 Num   8 528 YN.       4.        pressure pain: vagina
  68 SYM_11A5 Num   8 536 YN.       4.        stabbing pain: vagina
  69 SYM_11A6 Num   8 544 YN.       4.        sharp pain: vagina
  70 SYM_11A7 Num   8 552 YN.       4.        spasm pain: vagina
  71 SYM_11A8 Num   8 560 YN.       4.        burning pain: vagina
  72 SYM_11B  Num   8 568 PERSIST.  4.        persistence of pain: vagina
  73 SYM_11C  Num   8 576 INTENSE.  4.        intensity of pain: vagina
  75 SYM_12A1 Num   8 592 YN.       4.        dull pain: perineum
  76 SYM_12A2 Num   8 600 YN.       4.        aching pain: perineum
  77 SYM_12A3 Num   8 608 YN.       4.        bloating pain:  perineum
  78 SYM_12A4 Num   8 616 YN.       4.        pressure pain: perineum
  79 SYM_12A5 Num   8 624 YN.       4.        stabbing pain: perineum
  80 SYM_12A6 Num   8 632 YN.       4.        sharp pain: perineum
  81 SYM_12A7 Num   8 640 YN.       4.        spasm pain: perineum
  82 SYM_12A8 Num   8 648 YN.       4.        burning pain: perineum
  83 SYM_12B  Num   8 656 PERSIST.  4.        persistence of pain: perineum
  84 SYM_12C  Num   8 664 INTENSE.  4.        intensity of pain: perineum
  87 SYM_13A1 Num   8 688 YN.       4.        dull pain: other area
  88 SYM_13A2 Num   8 696 YN.       4.        aching pain: other area
  89 SYM_13A3 Num   8 704 YN.       4.        bloating pain:  other area
  90 SYM_13A4 Num   8 712 YN.       4.        pressure pain: other area
  91 SYM_13A5 Num   8 720 YN.       4.        stabbing pain: other area
  92 SYM_13A6 Num   8 728 YN.       4.        sharp pain: other area
  93 SYM_13A7 Num   8 736 YN.       4.        spasm pain: other area
  94 SYM_13A8 Num   8 744 YN.       4.        burning pain: other area
  95 SYM_13B  Num   8 752 PERSIST.  4.        persistence of pain: other area
  96 SYM_13C  Num   8 760 INTENSE.  4.        intensity of pain: other area
  86 SYM_13CD Num   8 680 PNLOC_CD. 6.        location of other pain/discomfort
  97 SYM_14A  Num   8 768 STRENGTH. 4.        intensty of pain now
  98 SYM_14B  Num   8 776 STRENGTH. 4.        intensity of pain at its worst
  99 SYM_14C  Num   8 784 STRENGTH. 4.        intensity of pain at its least
 100 SYM_14D  Num   8 792 STRENGTH. 4.        pain of worst toothache
 101 SYM_14E  Num   8 800 STRENGTH. 4.        pain of worst headache
 102 SYM_14F  Num   8 808 STRENGTH. 4.        pain of worst stomachache
 105 SYM_17A  Num   8 832 WBNR.     4.        symptoms when lying down
 106 SYM_17B  Num   8 840 WBNR.     4.        symptoms when sitting
 107 SYM_17C  Num   8 848 WBNR.     4.        symptoms when sitting w/ feet elevated
 108 SYM_17D  Num   8 856 WBNR.     4.        symptoms when standing
 109 SYM_17E  Num   8 864 WBNR.     4.        symptoms when walking
 117 SYM_24A  Num   8 928 MENTSYM.  4.        symptoms related to menstrual cycle
   6 SYM_2A   Num   8  40 OFTEN.    4.        urge to urinate - wet yourself
   7 SYM_2B   Num   8  48 OFTEN.    4.        urge to urinate - unable to bear it
   8 SYM_2C   Num   8  56 OFTEN.    4.        difficulty in starting urine stream
   9 SYM_2D   Num   8  64 OFTEN.    4.        visible blood in urine stream
  10 SYM_2E   Num   8  72 OFTEN.    4.        burning pain during urination
  11 SYM_2F   Num   8  80 OFTEN.    4.        urine loss- cough/sneeze/activity
  12 SYM_2G   Num   8  88 OFTEN.    4.        urine loss- can't reach bathroom
  13 SYM_2H   Num   8  96 OFTEN.    4.        pain increase as bladder fills
  14 SYM_2I   Num   8 104 OFTEN.    4.        pain relieved by urination
  20 SYM_7A1  Num   8 152 YN.       4.        dull pain: urethra
  21 SYM_7A2  Num   8 160 YN.       4.        aching pain: urethra
  22 SYM_7A3  Num   8 168 YN.       4.        bloating pain:  urethra
  23 SYM_7A4  Num   8 176 YN.       4.        pressure pain: urethra
  24 SYM_7A5  Num   8 184 YN.       4.        stabbing pain: urethra
```

```
                          The SAS System    10:06 Thursday, February 17, 2005

                          The CONTENTS Procedure

                -----Alphabetic List of Variables and Attributes-----

   # Variable Type Len Pos Format    Informat Label
  -------------------------------------------------------------------------------
  25 SYM_7A6  Num    8 192 YN.       4.       sharp pain: urethra
  26 SYM_7A7  Num    8 200 YN.       4.       spasm pain: urethra
  27 SYM_7A8  Num    8 208 YN.       4.       burning pain: urethra
  28 SYM_7B   Num    8 216 PERSIST.  4.       persistence of pain: urethra
  29 SYM_7C   Num    8 224 INTENSE.  4.       intensity of pain: urethra
  31 SYM_8A1  Num    8 240 YN.       4.       dull pain: lower back
  32 SYM_8A2  Num    8 248 YN.       4.       aching pain: lower back
  33 SYM_8A3  Num    8 256 YN.       4.       bloating pain:  lower back
  34 SYM_8A4  Num    8 264 YN.       4.       pressure pain: lower back
  35 SYM_8A5  Num    8 272 YN.       4.       stabbing pain: lower back
  36 SYM_8A6  Num    8 280 YN.       4.       sharp pain: lower back
  37 SYM_8A7  Num    8 288 YN.       4.       spasm pain: lower back
  38 SYM_8A8  Num    8 296 YN.       4.       burning pain: lower back
  39 SYM_8B   Num    8 304 PERSIST.  4.       persistence of pain: lower back
  40 SYM_8C   Num    8 312 INTENSE.  4.       intensity of pain: lower back
  42 SYM_9A1  Num    8 328 YN.       4.       dull pain: lower abdomen
  43 SYM_9A2  Num    8 336 YN.       4.       aching pain: lower abdomen
  44 SYM_9A3  Num    8 344 YN.       4.       bloating pain:  lower abdomen
  45 SYM_9A4  Num    8 352 YN.       4.       pressure pain: lower abdomen
  46 SYM_9A5  Num    8 360 YN.       4.       stabbing pain: lower abdomen
  47 SYM_9A6  Num    8 368 YN.       4.       sharp pain: lower abdomen
  48 SYM_9A7  Num    8 376 YN.       4.       spasm pain: lower abdomen
  49 SYM_9A8  Num    8 384 YN.       4.       burning pain: lower abdomen
  50 SYM_9B   Num    8 392 PERSIST.  4.       persistence of pain: lower abdomen
  51 SYM_9C   Num    8 400 INTENSE.  4.       intensity of pain: lower abdomen
   3 V_DATE   Num    8  16 MMDDYY8.  MMDDYY8. visit date
   2 V_TYPE   Num    8   8 4.        4.       visit type: month of visit
```

```
                           The SAS System   10:06 Thursday, February 17, 2005

                        The CONTENTS Procedure

Data Set Name: OUT.TRACK                         Observations:          255
Member Type:   DATA                              Variables:             11
Engine:        V8                                Indexes:               0
Created:       10:06 Thursday, February 17, 2005 Observation Length:    88
Last Modified: 10:06 Thursday, February 17, 2005 Deleted Observations:  0
Protection:                                      Compressed:            NO
Data Set Type:                                   Sorted:                NO
Label:


                    -----Engine/Host Dependent Information-----

Data Set Page Size:        8192
Number of Data Set Pages:  4
First Data Page:           1
Max Obs per Page:          92
Obs in First Data Page:    66
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/track.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520684
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         40960


                    -----Alphabetic List of Variables and Attributes-----

 #    Variable  Type   Len   Pos   Format      Informat    Label
---------------------------------------------------------------------------------
10    APL_1     Num    8     72    6.          6.          APL number
11    APL_2     Num    8     80    6.          6.          APL number
 7    B2_PATH   Num    8     48    BIOPPATH.   4.          biopsy 2 - pathology
 5    B2_SITE   Num    8     32    BMAP_CD.    4.          biopsy 2 - site
 8    B3_PATH   Num    8     56    BIOPPATH.   4.          biopsy 3 - pathology
 6    B3_SITE   Num    8     40    BMAP_CD.    4.          biopsy 3 - site
 4    B_DATE    Num    8     24    MMDDYY8.    MMDDYY8.    date of birth
 9    DATERECD  Num    8     64    MMDDYY8.    MMDDYY8.    date redeived at APL
 1    SUBJ      Num    8      0    11.         11.         patient ID number
 3    V_DATE    Num    8     16    MMDDYY8.    MMDDYY8.    visit date
 2    V_TYPE    Num    8      8    4.          4.          visit type: month of visit
```

```
                         The SAS System    10:06 Thursday, February 17, 2005

                    The CONTENTS Procedure

Data Set Name: OUT.TRT_CD                         Observations:          2232
Member Type:   DATA                               Variables:             2
Engine:        V8                                 Indexes:               0
Created:       10:06 Thursday, February 17, 2005  Observation Length:    88
Last Modified: 10:06 Thursday, February 17, 2005  Deleted Observations:  0
Protection:                                       Compressed:            NO
Data Set Type:                                    Sorted:                NO
Label:


                    -----Engine/Host Dependent Information-----

Data Set Page Size:        8192
Number of Data Set Pages:  25
First Data Page:           1
Max Obs per Page:          92
Obs in First Data Page:    78
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/trt_cd.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520685
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         212992


              -----Alphabetic List of Variables and Attributes-----

       #     Variable    Type    Len    Pos    Format    Informat    Label
       ----------------------------------------------------------------------
       2     CODE        Num      8      0     11.       11.         code
       1     NAME        Char    80      8     $80.      $80.        name
```

```
                         The SAS System   10:06 Thursday, February 17, 2005

                       The CONTENTS Procedure

Data Set Name: OUT.URN                         Observations:          2557
Member Type:   DATA                            Variables:             12
Engine:        V8                              Indexes:               0
Created:       10:06 Thursday, February 17, 2005   Observation Length:    96
Last Modified: 10:06 Thursday, February 17, 2005   Deleted Observations:  0
Protection:                                    Compressed:            NO
Data Set Type:                                 Sorted:                NO
Label:


                   -----Engine/Host Dependent Information-----

Data Set Page Size:        8192
Number of Data Set Pages:  31
First Data Page:           1
Max Obs per Page:          84
Obs in First Data Page:    60
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/urn.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520686
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         262144


                   -----Alphabetic List of Variables and Attributes-----

   #   Variable   Type   Len   Pos   Format     Informat    Label
  --------------------------------------------------------------------------
  10   BLOOD      Num    8     64    BLOOD.     4.          blood
   5   ECODE      Char   4     88    $4.        $4.         ecode
   4   ENTRYNO    Num    8     24    4.         4.          entryno
   9   GLUCOSE    Num    8     56    GLUCOSE.   4.          glucose
  11   HEMOG_U    Num    8     72    HEMOG.     4.          hemoglobin
  12   LEUKO      Num    8     80    LEUKO.     4.          leukocytes
   7   NITRITE    Num    8     40    NITRITE.   4.          nitrite
   8   PROTEIN    Num    8     48    PROTEIN.   4.          protein
   6   R_ID       Num    8     32    6.         6.          reviewer ID number
   1   SUBJ       Num    8     0     11.        11.         patient ID number
   3   V_DATE     Num    8     16    MMDDYY8.   MMDDYY8.    visit date
   2   V_TYPE     Num    8     8     4.         4.          visit type: month of visit
```

```
                         The SAS System    10:06 Thursday, February 17, 2005

                      The CONTENTS Procedure

Data Set Name: OUT.UROD                          Observations:          638
Member Type:   DATA                              Variables:             27
Engine:        V8                                Indexes:               0
Created:       10:06 Thursday, February 17, 2005 Observation Length:    216
Last Modified: 10:06 Thursday, February 17, 2005 Deleted Observations:  0
Protection:                                      Compressed:            NO
Data Set Type:                                   Sorted:                NO
Label:


                    -----Engine/Host Dependent Information-----

Data Set Page Size:        24576
Number of Data Set Pages:  6
First Data Page:           1
Max Obs per Page:          113
Obs in First Data Page:    93
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/urod.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520687
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         155648


                  -----Alphabetic List of Variables and Attributes-----

 #  Variable  Type  Len  Pos  Format      Informat  Label
---------------------------------------------------------------------------------
 4  P_ID      Num   8    24   6.          6.        physician ID number
 1  SUBJ      Num   8    0    11.         11.       patient ID number
 5  UROD_1    Num   8    32   8.3         8.3       initial average uroflow rate
 6  UROD_2    Num   8    40   8.3         8.3       initial peak uroflow rate
 7  UROD_3    Num   8    48   8.3         8.3       initial volume voided
 8  UROD_4    Num   8    56   8.3         8.3       post-void urine volume
 9  UROD_5    Num   8    64   8.3         8.3       bladder filling rate
10  UROD_6    Num   8    72   YN.         4.        urethral stricture
11  UROD_7    Num   8    80   8.3         8.3       volume at first sensation
12  UROD_8    Num   8    88   YN.         4.        sensation feels like symptoms
13  UROD_9    Num   8    96   8.3         8.3       volume at maximal capacity
14  UROD_10   Num   8    104  YN.         4.        sensation feels like symptoms
15  UROD_11   Num   8    112  PA.         4.        involuntary bladder contractions
16  UROD_12   Num   8    120  8.3         8.3       volume at contractions
17  UROD_13   Num   8    128  7.3         7.3       end filling pressure
19  UROD_14   Num   8    144  7.3         7.3       opening pressure
21  UROD_15   Num   8    160  7.3         7.3       average uroflow rate
22  UROD_16   Num   8    168  7.3         7.3       peak uroflow rate
23  UROD_17   Num   8    176  7.3         7.3       volume voided
24  UROD_18   Num   8    184  7.3         7.3       pressure at peak flow
26  UROD_19   Num   8    200  7.3         7.3       maximum pressure
18  UROD_13A  Num   8    136  SUBTRACT.   4.        end filling pressure - type
20  UROD_14A  Num   8    152  SUBTRACT.   4.        opening pressure - type
25  UROD_18A  Num   8    192  SUBTRACT.   4.        pressure at peak flow - type
27  UROD_19A  Num   8    208  SUBTRACT.   4.        maximum pressure - type
 3  V_DATE    Num   8    16   MMDDYY8.    MMDDYY8.  visit date
 2  V_TYPE    Num   8    8    4.          4.        visit type: month of visit
```

```
                              The SAS System    10:06 Thursday, February 17, 2005

                          The CONTENTS Procedure

Data Set Name: OUT.VOID                          Observations:         14991
Member Type:   DATA                              Variables:            8
Engine:        V8                                Indexes:              0
Created:       10:06 Thursday, February 17, 2005 Observation Length:   64
Last Modified: 10:06 Thursday, February 17, 2005 Deleted Observations: 0
Protection:                                      Compressed:           NO
Data Set Type:                                   Sorted:               NO
Label:


                    -----Engine/Host Dependent Information-----

Data Set Page Size:         8192
Number of Data Set Pages:   119
First Data Page:            1
Max Obs per Page:           127
Obs in First Data Page:     96
Number of Data Set Repairs: 0
File Name:                  /project/ic-interim/programs/NIDDKrepository/
                            individual_data/void.sas7bdat
Release Created:            8.0202M0
Host Created:               SunOS
Inode Number:               1520688
Access Permission:          rw-rw----
Owner Name:                 cbrensin
File Size (bytes):          983040


                    -----Alphabetic List of Variables and Attributes-----

 #    Variable   Type   Len   Pos   Format    Informat   Label
 -------------------------------------------------------------------------------
 5    R_ID       Num    8     32    6.        6.         reviewer ID number
 1    SUBJ       Num    8     0     11.       11.        patient ID number
 4    VOID_DAY   Num    8     24    4.        4.         day of void (1, 2, or 3)
 6    VOID_DT    Num    8     40    MMDDYY8.  MMDDYY8.   date of void
 7    VPURG_1    Num    8     48    PURGFMT.  4.         pain/discomfort for day
 8    VPURG_2    Num    8     56    PURGFMT.  4.         urgency for day
 3    V_DATE     Num    8     16    MMDDYY8.  MMDDYY8.   visit date
 2    V_TYPE     Num    8     8     4.        4.         visit type: month of visit
```

```
                        The SAS System    10:06 Thursday, February 17, 2005

                        The CONTENTS Procedure

Data Set Name: OUT.VOID_LOG                      Observations:          192309
Member Type:   DATA                              Variables:             11
Engine:        V8                                Indexes:               0
Created:       10:06 Thursday, February 17, 2005 Observation Length:    88
Last Modified: 10:06 Thursday, February 17, 2005 Deleted Observations:  0
Protection:                                      Compressed:            NO
Data Set Type:                                   Sorted:                NO
Label:


                  -----Engine/Host Dependent Information-----

Data Set Page Size:        8192
Number of Data Set Pages:  2091
First Data Page:           1
Max Obs per Page:          92
Obs in First Data Page:    66
Number of Data Set Repairs: 0
File Name:                 /project/ic-interim/programs/NIDDKrepository/
                           individual_data/void_log.sas7bdat
Release Created:           8.0202M0
Host Created:              SunOS
Inode Number:              1520702
Access Permission:         rw-rw----
Owner Name:                cbrensin
File Size (bytes):         17137664


                  -----Alphabetic List of Variables and Attributes-----

   #    Variable   Type   Len   Pos   Format    Informat    Label
   -------------------------------------------------------------------------------
   1    SUBJ       Num    8     0     11.       11.         patient ID number
   4    VOID_DAY   Num    8     24    4.        4.          day of void (1, 2, or 3)
   9    V_AMPM     Num    8     64    AMPM.     4.          am/pm of void
   11   V_CC       Num    8     80    8.3       8.3         volume voided (cc)
   3    V_DATE     Num    8     16    MMDDYY8.  MMDDYY8.    visit date
   7    V_HR       Num    8     48    4.        4.          hour of void
   8    V_MIN      Num    8     56    4.        4.          minute of void
   6    V_NGT      Num    8     40    4.        4.          awakened to void
   5    V_NUM      Num    8     32    4.        4.          number of void for day
   10   V_OZ       Num    8     72    8.3       8.3         volume voided (oz)
   2    V_TYPE     Num    8     8     4.        4.          visit type: month of visit
```

```
                             The SAS System    10:06 Thursday, February 17, 2005

                         The CONTENTS Procedure

 Data Set Name: OUT.WITH_CD                      Observations:          25
 Member Type:   DATA                             Variables:             2
 Engine:        V8                               Indexes:               0
 Created:       10:06 Thursday, February 17, 2005 Observation Length:   64
 Last Modified: 10:06 Thursday, February 17, 2005 Deleted Observations: 0
 Protection:                                     Compressed:            NO
 Data Set Type:                                  Sorted:                NO
 Label:


                    -----Engine/Host Dependent Information-----

 Data Set Page Size:       8192
 Number of Data Set Pages: 1
 First Data Page:          1
 Max Obs per Page:         127
 Obs in First Data Page:   25
 Number of Data Set Repairs: 0
 File Name:                /project/ic-interim/programs/NIDDKrepository/
                           individual_data/with_cd.sas7bdat
 Release Created:          8.0202M0
 Host Created:             SunOS
 Inode Number:             1520689
 Access Permission:        rw-rw----
 Owner Name:               cbrensin
 File Size (bytes):        16384


                    -----Alphabetic List of Variables and Attributes-----

        #    Variable    Type    Len    Pos    Format    Informat    Label
        ------------------------------------------------------------------
        2    CODE        Num     8      0      4.        4.          code
        1    NAME        Char    50     8      $50.      $50.        name
```

```
                        The SAS System    10:06 Thursday, February 17, 2005

                     The CONTENTS Procedure

Data Set Name: OUT.WITHD                          Observations:          185
Member Type:   DATA                               Variables:             4
Engine:        V8                                 Indexes:               0
Created:       10:06 Thursday, February 17, 2005  Observation Length:    32
Last Modified: 10:06 Thursday, February 17, 2005  Deleted Observations:  0
Protection:                                       Compressed:            NO
Data Set Type:                                    Sorted:                NO
Label:


                   -----Engine/Host Dependent Information-----

Data Set Page Size:       8192
Number of Data Set Pages: 1
First Data Page:          1
Max Obs per Page:         254
Obs in First Data Page:   185
Number of Data Set Repairs: 0
File Name:                /project/ic-interim/programs/NIDDKrepository/
                          individual_data/withd.sas7bdat
Release Created:          8.0202M0
Host Created:             SunOS
Inode Number:             1520690
Access Permission:        rw-rw----
Owner Name:               cbrensin
File Size (bytes):        16384


                   -----Alphabetic List of Variables and Attributes-----

 #   Variable   Type   Len   Pos   Format     Informat   Label
-------------------------------------------------------------------------------
 4   REASON     Num    8     24    WITH_CD.   4.         reason for withdrawal
 1   SUBJ       Num    8     0     11.        11.        patient ID number
 3   V_DATE     Num    8     16    MMDDYY8.   MMDDYY8.   visit date
 2   V_TYPE     Num    8     8     4.         4.         visit type: month of visit
```

III.   Baseline SAS Dataset

/derived_data
<u>baseline.sas7bdat</u> – baseline demographic information. Contains selected variables from
the baseline (i.e. V_TYPE=0) records from the following CRF forms:
SUBJSTAT
BACK
PURG
SYMPTS
SYMHX
INCL
CYST
UROD
VOID
WITHD
REIN
SURVEY
PRIOR
MEDHX
FHX

```
                              The SAS System    10:13 Thursday, February 17, 2005

                              The CONTENTS Procedure

Data Set Name: OUT.BASELINE                         Observations:           637
Member Type:   DATA                                 Variables:              232
Engine:        V8                                   Indexes:                0
Created:       10:13 Thursday, February 17, 2005    Observation Length:     1856
Last Modified: 10:13 Thursday, February 17, 2005    Deleted Observations:   0
Protection:                                         Compressed:             NO
Data Set Type:                                      Sorted:                 NO
Label:


                      -----Engine/Host Dependent Information-----

Data Set Page Size:         65536
Number of Data Set Pages:   19
First Data Page:            1
Max Obs per Page:           35
Obs in First Data Page:     18
Number of Data Set Repairs: 0
File Name:                  /project/ic-interim/programs/NIDDKrepository/
                            derived_data/baseline.sas7bdat
Release Created:            8.0202M0
Host Created:               SunOS
Inode Number:               1554447
Access Permission:          rw-rw----
Owner Name:                 cbrensin
File Size (bytes):          1253376


                      -----Alphabetic List of Variables and Attributes-----

  # Variable Type Len  Pos Format     Informat Label
--------------------------------------------------------------------------------
193 AGE      Num   8 1536                      patient's age at baseline inclusion
195 AGEBIN   Num   8 1552 AGEBIN.              age above or below 45 years
194 AGEGRP   Num   8 1544 AGE.                 age group
196 AGEONSET Num   8 1560 AGE2F.               age at onset of urinary sympts: ordinal
 27 BIOP0    Num   8  208 BIOP0F.              Biopsy at Baseline/1 Month (yn)
 26 BIOPSY   Num   8  200 BIOPFMT.             biopsy done? (if/when)
  3 B_DATE   Num   8   16 MMDDYY8.  MMDDYY8. date of birth
 16 CENTER   Num   8  120 CENTFMT.             center
 58 CH0      Num   8  456 CH0F.                Cysto/Hydro at Baseline/1 Month (yn)
 59 CH1      Num   8  464 CH1F.                Cysto/Hydro: None, Baseline, 1 Month
214 CH_BIOP  Num   8 1704 CHBIOP.              Baseline/1 Month Cysto/Hydro/Biopsy
 28 CH_DATE  Num   8  216 MMDDYY8.  MMDDYY8. date of first Cysto/Hydro
  6 COUNTRY  Num   8   40 CNTRY_CD. 4.       country of birth
 29 CYSTHYDR Num   8  224 BIOPFMT.             Cysto/Hydro done? (if/when)
198 DUR      Num   8 1576                      duration of symptoms (age-age at onset)
199 DURATION Num   8 1584 DUR.                 duration of symptoms (age-age at onset)
 18 EDUC_BIN Num   8  136 EDUC.                binary level of education
 11 ED_LEVEL Num   8   80 EDUSTAT.  4.       level of education
 12 EMP_ST   Num   8   88 EMP_CD.   4.       employment status
192 END_STAT Num   8 1528 ENDSTAT.             patient's status at end of study
  8 ETHNIC   Num   8   56 YN.       4.       origin (Latino or Hispanic)
178 FHX_1    Num   8 1416 YNU.      4.       bladder cancer
179 FHX_2    Num   8 1424 YNU.      4.       interstitial cystitis
180 FHX_3    Num   8 1432 YNU.      4.       recurrent UTI
181 FHX_4    Num   8 1440 YNU.      4.       Ileitis or Crohn's disease
182 FHX_5    Num   8 1448 YNU.      4.       irritable bowel syndrome
                                             or spastic colo
183 FHX_6    Num   8 1456 YNU.      4.       skin allergies
184 FHX_7    Num   8 1464 YNU.      4.       hayfever, allergic rhinitis
185 FHX_8    Num   8 1472 YNU.      4.       food allergies
186 FHX_9    Num   8 1480 YNU.      4.       fibromyalgia or fibromyositis
```

The SAS System   10:13 Thursday, February 17, 2005

The CONTENTS Procedure

-----Alphabetic List of Variables and Attributes-----

```
  # Variable Type Len  Pos Format     Informat Label
------------------------------------------------------------------------------
187 FHX_10   Num   8 1488 YNU.        4.       diabetes
188 FHX_11   Num   8 1496 YNU.        4.       kidney stones
189 FHX_12   Num   8 1504 YNU.        4.       lupus
190 FHX_13   Num   8 1512 YNU.        4.       migraine headaches
191 FHX_14   Num   8 1520 YNU.        4.       rheumatoid arthritis
202 F_SCORE  Num   8 1608 FSCRFREQ.            baseline frequency score
 17 HOSPITAL Num   8  128 HSPFMT.              hospital
 25 INCLDATE Num   8  192 MMDDYY8.    MMDDYY8. date of INCL form (baseline only)
 14 INCOME   Num   8  104 INCOME.     4.       household income
 13 JOB_CHNG Num   8   96 YN.         4.       urinary symptoms - job change
 10 MAR_ST   Num   8   72 MARSTAT.    4.       marital status
 74 MHX_1    Num   8  584 4.          4.       age of first menstrual period
 75 MHX_2    Num   8  592 YN.         4.       regular menstrual periods
 76 MHX_3    Num   8  600 YN.         4.       tampon use
 77 MHX_4    Num   8  608 YN.         4.       pap smear in last year
 78 MHX_5    Num   8  616 NA.         4.       pap smear result
 80 MHX_6    Num   8  632 YND.        4.       gastric or intestinal ulcer - y/n
 82 MHX_7    Num   8  648 YND.        4.       gastritis/reflux esophagitis - y/n
 84 MHX_8    Num   8  664 YND.        4.       Ileitis or Crohn's disease - y/n
 86 MHX_9    Num   8  680 YND.        4.       irritable bowel/spastic colon - y/n
 88 MHX_10   Num   8  696 YND.        4.       incontinence - y/n
 90 MHX_11   Num   8  712 YND.        4.       kidney stones - y/n
 92 MHX_12   Num   8  728 YND.        4.       sexually transmitted disease - y/n
 94 MHX_13   Num   8  744 YND.        4.       pelvic inflammatory disease - y/n
 96 MHX_14   Num   8  760 YND.        4.       endometriosis - y/n
 98 MHX_15   Num   8  776 YND.        4.       benign prostatic hyperplasia - y/n
100 MHX_16   Num   8  792 YND.        4.       bacterial prostatitis - y/n
102 MHX_17   Num   8  808 YND.        4.       asthma - y/n
104 MHX_18   Num   8  824 YND.        4.       drug allergies - y/n
106 MHX_19   Num   8  840 YND.        4.       food allergies- y/n
108 MHX_20   Num   8  856 YND.        4.       skin allergies - y/n
110 MHX_21   Num   8  872 YND.        4.       sinusitis - y/n
112 MHX_22   Num   8  888 YND.        4.       hayfever, allergic rhinitis - y/n
114 MHX_23   Num   8  904 YND.        4.       arthritis, not rheumatoid - y/n
116 MHX_24   Num   8  920 YND.        4.       arthritis, rheumatoid - y/n
118 MHX_25   Num   8  936 YND.        4.       CFS/Epstein Barr/Mono - y/n
120 MHX_26   Num   8  952 YND.        4.       clinical depression -y/n
122 MHX_27   Num   8  968 YND.        4.       diabetes - y/n
124 MHX_28   Num   8  984 YND.        4.       fibromyalgia or fibromyositis - y/n
126 MHX_29   Num   8 1000 YND.        4.       lumbosacral disc disease - y/n
128 MHX_30   Num   8 1016 YND.        4.       lupus - y/n
130 MHX_31   Num   8 1032 YND.        4.       lyme disease - y/n
132 MHX_32   Num   8 1048 YND.        4.       migraine headaches - y/n
134 MHX_33   Num   8 1064 YND.        4.       Raynoud's phenomenon - y/n
136 MHX_34   Num   8 1080 YND.        4.       Reiter's syndrome - y/n
138 MHX_35   Num   8 1096 YND.        4.       Sjogren's syndrome - y/n
140 MHX_36   Num   8 1112 INFECT.     4.       number of bladder infections
141 MHX_37   Num   8 1120 INFECT.     4.       number of respiratory infections
142 MHX_38   Num   8 1128 YND.        4.       incontinence surgery - y/n
144 MHX_39   Num   8 1144 YND.        4.       laparoscopy - y/n
146 MHX_40   Num   8 1160 YND.        4.       cystocele repair - y/n
148 MHX_41   Num   8 1176 YND.        4.       other bladder surgery - y/n
150 MHX_42   Num   8 1192 YND.        4.       D&C/D&E - y/n
152 MHX_43   Num   8 1208 YND.        4.       hysterectomy - y/n
154 MHX_44   Num   8 1224 YND.        4.       tubal ligation - y/n
156 MHX_45   Num   8 1240 YND.        4.       removal of both ovaries - y/n
158 MHX_46   Num   8 1256 YND.        4.       back surgery - y/n
160 MHX_47   Num   8 1272 YND.        4.       rectocele repair - y/n
162 MHX_48   Num   8 1288 YND.        4.       enterocele repair - y/n
```

The SAS System   10:13 Thursday, February 17, 2005

The CONTENTS Procedure

-----Alphabetic List of Variables and Attributes-----

```
  # Variable Type Len  Pos Format    Informat Label
--------------------------------------------------------------------------
164 MHX_49   Num    8 1304 YND.      4.       inguinal hernia repair - y/n
166 MHX_50   Num    8 1320 YND.      4.       other abdom./pelvic surgery -y/n
168 MHX_51   Num    8 1336 YND.      4.       prostate surgery - y/n
170 MHX_52   Num    8 1352 YND.      4.       vasectomy - y/n
172 MHX_53   Num    8 1368 YN.       4.       smoking history greater than 5 packs
173 MHX_54   Num    8 1376 YN.       4.       currently smoke
174 MHX_55   Num    8 1384 YN.       4.       smoking history other than cigarettes
175 MHX_56   Num    8 1392 DRINKS.   4.       current alcohol use
176 MHX_57   Num    8 1400 YN.       4.       past alcohol use
 89 MHX_10A  Num    8  704 FIRSTPRB. 4.       incontinence - 1st time
 91 MHX_11A  Num    8  720 FIRSTPRB. 4.       kidney stones - 1st time
 93 MHX_12A  Num    8  736 FIRSTPRB. 4.       sexually transmitted disease - 1st time
 95 MHX_13A  Num    8  752 FIRSTPRB. 4.       pelvic inflammatory disease - 1st time
 97 MHX_14A  Num    8  768 FIRSTPRB. 4.       endometriosis - 1st time
 99 MHX_15A  Num    8  784 FIRSTPRB. 4.       benign prostatic hyperplasia - 1st time
101 MHX_16A  Num    8  800 FIRSTPRB. 4.       bacterial prostatitis - 1st time
103 MHX_17A  Num    8  816 FIRSTPRB. 4.       asthma - 1st time
105 MHX_18A  Num    8  832 FIRSTPRB. 4.       drug allergies - 1st time
107 MHX_19A  Num    8  848 FIRSTPRB. 4.       food allergies- 1st time
109 MHX_20A  Num    8  864 FIRSTPRB. 4.       skin allergies - 1st time
111 MHX_21A  Num    8  880 FIRSTPRB. 4.       sinusitis - 1st time
113 MHX_22A  Num    8  896 FIRSTPRB. 4.       hayfever, allergic rhinitis - 1st time
115 MHX_23A  Num    8  912 FIRSTPRB. 4.       arthritis, not rheumatoid - 1st time
117 MHX_24A  Num    8  928 FIRSTPRB. 4.       arthritis, rheumatoid - 1st time
119 MHX_25A  Num    8  944 FIRSTPRB. 4.       CFS/Epstein Barr/Mono - 1st time
121 MHX_26A  Num    8  960 FIRSTPRB. 4.       clinical depression - 1st time
123 MHX_27A  Num    8  976 FIRSTPRB. 4.       diabetes - 1st time
125 MHX_28A  Num    8  992 FIRSTPRB. 4.       fibromyalgia or fibromyositis
                                              - 1st time
127 MHX_29A  Num    8 1008 FIRSTPRB. 4.       lumbosacral disc disease - 1st time
129 MHX_30A  Num    8 1024 FIRSTPRB. 4.       lupus - 1st time
131 MHX_31A  Num    8 1040 FIRSTPRB. 4.       lyme disease - 1st time
133 MHX_32A  Num    8 1056 FIRSTPRB. 4.       migraine headaches - 1st time
135 MHX_33A  Num    8 1072 FIRSTPRB. 4.       Raynoud's phenomenon - 1st time
137 MHX_34A  Num    8 1088 FIRSTPRB. 4.       Reiter's syndrome - 1st time
139 MHX_35A  Num    8 1104 FIRSTPRB. 4.       Sjogren's syndrome - 1st time
143 MHX_38A  Num    8 1136 FIRSTPRB. 4.       incontinence surgery - 1st time
145 MHX_39A  Num    8 1152 FIRSTPRB. 4.       laparoscopy - 1st time
147 MHX_40A  Num    8 1168 FIRSTPRB. 4.       cystocele repair - 1st time
149 MHX_41A  Num    8 1184 FIRSTPRB. 4.       other bladder surgery - 1st time
151 MHX_42A  Num    8 1200 FIRSTPRB. 4.       D&C/D&E - 1st time
153 MHX_43A  Num    8 1216 FIRSTPRB. 4.       hysterectomy - 1st time
155 MHX_44A  Num    8 1232 FIRSTPRB. 4.       tubal ligation - 1st time
157 MHX_45A  Num    8 1248 FIRSTPRB. 4.       removal of both ovaries - 1st time
159 MHX_46A  Num    8 1264 FIRSTPRB. 4.       back surgery - 1st time
161 MHX_47A  Num    8 1280 FIRSTPRB. 4.       rectocele repair - 1st time
163 MHX_48A  Num    8 1296 FIRSTPRB. 4.       enterocele repair - 1st time
165 MHX_49A  Num    8 1312 FIRSTPRB. 4.       inguinal hernia repair - 1st time
167 MHX_50A  Num    8 1328 FIRSTPRB. 4.       other abdom./pelvic surgery - 1st time
169 MHX_51A  Num    8 1344 FIRSTPRB. 4.       prostate surgery - 1st time
171 MHX_52A  Num    8 1360 FIRSTPRB. 4.       vasectomy - 1st time
177 MHX_57A  Num    8 1408 YN.       4.       urinary symptoms - alcohol use change
 81 MHX_6A   Num    8  640 FIRSTPRB. 4.       gastric or intestinal ulcer- 1st time
 83 MHX_7A   Num    8  656 FIRSTPRB. 4.       gastritis/reflux esophagitis - 1st time
 85 MHX_8A   Num    8  672 FIRSTPRB. 4.       Ileitis or Crohn's disease - 1st time
 87 MHX_9A   Num    8  688 FIRSTPRB. 4.       irritable bowel/spastic
                                              colon - 1st time
 79 MHX_PCHK Num    8  624 YN.       4.       pap smear recommendation
205 MOD_CRIT Num    8 1632 INCL.              Baseline PUF Score -- Moderate Criteria
```

```
                              The SAS System   10:13 Thursday, February 17, 2005

                              The CONTENTS Procedure

                    -----Alphabetic List of Variables and Attributes-----

      # Variable Type Len  Pos Format     Informat Label
     ----------------------------------------------------------------------------
    197 ONSETBIN Num   8 1568 AGEON.               age at onset of urinary sympts: binary
     19 PARTNER  Num   8  144 ALNFMT.              partner status
    216 PRIOR    Num   8 1720 YNUNK.               previous bladder biopsy
                                                   (yes vs. no/unk)
    215 PRIOR2   Num   8 1712 YNU.                 previous bladder biopsy
                                                   (yes/no/unknown)
     68 PR_4     Num   8  536 YNU.        4.       cystoscopy - y/n
     70 PR_5     Num   8  552 YNU.        4.       hydrodistension - y/n
     72 PR_6     Num   8  568 YNU.        4.       bladder biopsy - y/n
     69 PR_4A    Num   8  544 NAU.        4.       cystoscopy - result
     71 PR_5A    Num   8  560 NAU.        4.       hydrodistension - result
     73 PR_6A    Num   8  576 NAU.        4.       bladder biopsy - result
    209 PURG1C3B Num   8 1664 SEVFMT.              baseline pain score -- 3 levels
    210 PURG1C4B Num   8 1672 PURG.                baseline pain score -- 4 levels
    211 PURG2C3B Num   8 1680 SEVFMT.              baseline urgency score -- 3 levels
    212 PURG2C4B Num   8 1688 PURG.                baseline urgency score -- 4 levels
    207 PURG_1B  Num   8 1648                      baseline pain score (0 - 9)
    208 PURG_2B  Num   8 1656                      baseline urgency score (0 - 9)
    200 P_SCORE  Num   8 1592 PURG.                baseline pain score
      7 RACE     Num   8   48 RACE_CD.    4.       race
     64 REINDATE Num   8  504 MMDDYY8.    MMDDYY8. Visit date at reinstatement
     65 REINREAS Num   8  512 4.          4.       Reinstatement reason
     63 REINTYPE Num   8  496 4.          4.       Visit type at reinstatement
      9 RELIG    Num   8   64 RELIG_CD.   4.       religion
     15 SCRDATE  Num   8  112 MMDDYY8.    MMDDYY8. screening sign off date
    213 SCRTIME  Num   8 1696                      # days to complete baseline screening
    204 SEVERITY Num   8 1624 SEVFMT.              severity of symptoms at baseline
    206 SEV_CRIT Num   8 1640 INCL.                Baseline PUF Score -- Severe Criteria
      4 SEX      Num   8   24 SEX.        4.       sex
     22 SHX_1    Num   8  168 4.          4.       age at onset of urinary symptoms
     23 SHX_2    Num   8  176 YN.         4.       previously diagnosed with IC?
      5 STATE    Num   8   32 STATE_CD.   6.       state of birth
      1 SUBJ     Num   8    0 11.         11.      subj
     66 SURV_8   Num   8  520 HLTHYEAR.   6.       rating of urinary symptoms now
     67 SURV_9   Num   8  528 HLTHYEAR.   6.       rating of general health now
     21 SYMPDATE Num   8  160 MMDDYY8.    MMDDYY8. date of SYMPTS form at baseline
    203 T_SCORE  Num   8 1616                      total score (puf)
     55 UROD7BIN Num   8  432 VMCCF.               (UROD_7 < 100) or (UROD_7 => 100)
     54 UROD7CAT Num   8  424 VOL2F.               volume at first sensation to void
     57 UROD9BIN Num   8  448 VMCCFMT.             (VMCC < 200) or (VMCC => 200)
     56 UROD9CAT Num   8  440 URFMT.               maximum bladder capacity
     30 URODDATE Num   8  232 MMDDYY8.    MMDDYY8. date of baseline Urodynamic Evaluation
     31 UROD_1   Num   8  240 8.3         8.3      initial average uroflow rate
     32 UROD_2   Num   8  248 8.3         8.3      initial peak uroflow rate
     33 UROD_3   Num   8  256 8.3         8.3      initial volume voided
     34 UROD_4   Num   8  264 8.3         8.3      post-void urine volume
     35 UROD_5   Num   8  272 8.3         8.3      bladder filling rate
     36 UROD_6   Num   8  280 YN.         4.       urethral stricture
     37 UROD_7   Num   8  288 8.3         8.3      volume at first sensation
     38 UROD_8   Num   8  296 YN.         4.       sensation feels like symptoms
     39 UROD_9   Num   8  304 8.3         8.3      volume at maximal capacity
     40 UROD_10  Num   8  312 YN.         4.       sensation feels like symptoms
     41 UROD_11  Num   8  320 PA.         4.       involuntary bladder contractions (y/n)
     42 UROD_12  Num   8  328 8.3         8.3      volume at contractions
     43 UROD_13  Num   8  336 7.3         7.3      end filling pressure
     45 UROD_14  Num   8  352 7.3         7.3      opening pressure
     47 UROD_15  Num   8  368 7.3         7.3      average uroflow rate
     48 UROD_16  Num   8  376 7.3         7.3      peak uroflow rate
     49 UROD_17  Num   8  384 7.3         7.3      volume voided
```

```
                        The SAS System   10:13 Thursday, February 17, 2005

                        The CONTENTS Procedure

              -----Alphabetic List of Variables and Attributes-----

    # Variable Type Len  Pos Format     Informat Label
  ------------------------------------------------------------------------------
   50 UROD_18  Num    8  392 7.3        7.3      pressure at peak flow
   52 UROD_19  Num    8  408 7.3        7.3      maximum pressure
   44 UROD_13A Num    8  344 SUBTRACT.  4.       end filling pressure - type
   46 UROD_14A Num    8  360 SUBTRACT.  4.       opening pressure - type
   51 UROD_18A Num    8  400 SUBTRACT.  4.       pressure at peak flow - type
   53 UROD_19A Num    8  416 SUBTRACT.  4.       maximum pressure - type
  201 U_SCORE  Num    8 1600 PURG.               baseline urinary urgency score
  225 VF24C3B  Num    8 1792 VF24C3F.            Day 1 # voids/24hr. day--baseline
  226 VF24C4B  Num    8 1800 VF24C4F.            Day 1 # voids/24hr. day--baseline
  224 VFNOCTB3 Num    8 1784 VFNOCTF.            Day 1 # nocturnal voids--baseline
  223 VFNOCTB4 Num    8 1776 VFNOCT.             Day 1 # nocturnal voids--baseline
  217 VF_24B   Num    8 1728                     Day 1 # voids/24hr. day--baseline
  218 VF_NOCTB Num    8 1736                     Day 1 # nocturnal voids--baseline
   24 VOIDDATE Num    8  184 MMDDYY8.   MMDDYY8. date Voiding Logs turned in at baseline
  228 VOLMAXCB Num    8 1816 VOLMAX.             Day 1 max vol on single void--baseline
  227 VOLMINCB Num    8 1808 VOLMIN.             Day 1 min vol on single void--baseline
  219 VOL_MAXB Num    8 1744                     Day 1 max vol on single void--baseline
  220 VOL_MINB Num    8 1752                     Day 1 min vol on single void--baseline
  229 VPURG1B3 Num    8 1824 SEVFMT.             Day 1 pain score from
                                                 void log--baseline
  230 VPURG1B4 Num    8 1832 PURG.               Day 1 pain score from
                                                 void log--baseline
  231 VPURG2B3 Num    8 1840 SEVFMT.             Day 1 urgency score void log--baseline
  232 VPURG2B4 Num    8 1848 PURG.               Day 1 urgency score void log--baseline
  221 VPURG_1B Num    8 1760 4.         4.       Day 1 pain score from
                                                 void log--baseline
  222 VPURG_2B Num    8 1768 4.         4.       Day 1 urgency score void log--baseline
   20 V_DATE   Num    8  152 MMDDYY8.   MMDDYY8. Visit date (from PURG form)
    2 V_TYPE   Num    8    8 4.         4.       v_type
   61 WITHDATE Num    8  480 MMDDYY8.   MMDDYY8. Visit date at withdrawal
   62 WITHREAS Num    8  488 WITH_CD.   4.       Withdrawal reason
   60 WITHTYPE Num    8  472 4.         4.       Visit type at withdrawal
```

IV.   Biopsy / Cystoscopy SAS Dataset

/derived_data
biopcyst.sas7bdat – merged analysis dataset for the biopsy data. Contains the records from the BIOP, BIOP_REV, CYST, DCYST, plus variables in the baseline.sas7bdat dataset.

Biopsy Protocol

Hierarchy of Cystoscopic Appearances in Selecting 3 Biopsy Sites

· If the patient has a Hunner's patch, then 2 sets, not closer than 5 mm of each other, should be sampled in the area of the patch;

· If the patient does not have a Hunner's patch, but does have glomerulations, then 2 sets, not closer than 5 mm of each other, should be sampled in the area of the glomerulations.

· If the patient does not have a Hunner's patch or glomerulations, then 2 sets, not closer than 5 mm of each other, should be randomly sampled from the "normal" posterior bladder wall.

· The remaining set of tissue should be sampled in the area of the trigone.

Biopsy should be obtained using cold-cup forceps

Biopsy should include both superficial and deep (muscle) tissue

Broad Tissue Preservation (weak cross linker)

Pathology Reading Group

Features to be evaluated represent histopathologic findings suggested as correlating with either classical or ulcerative IC.

Cell counts will be performed by the APL technician

Remaining features will be assigned by a Pathology Reading Group (PRG)

The PRG is
    Comprised of 3 genitourinary pathologists
    Responsible for evaluation of each submitted biopsy set
    Members will individually evaluate the same slides of each case
    Discrepancies will be tracked
    Serious discrepancies will be resolved in periodic consensus conferences

```
                              The SAS System    10:13 Thursday, February 17, 2005

                          The CONTENTS Procedure

Data Set Name: OUT.BIOPCYST                      Observations:          2385
Member Type:   DATA                              Variables:             237
Engine:        V8                                Indexes:               0
Created:       10:13 Thursday, February 17, 2005 Observation Length:    1896
Last Modified: 10:13 Thursday, February 17, 2005 Deleted Observations:  0
Protection:                                      Compressed:            NO
Data Set Type:                                   Sorted:                NO
Label:


                      -----Engine/Host Dependent Information-----

Data Set Page Size:         65536
Number of Data Set Pages:   71
First Data Page:            1
Max Obs per Page:           34
Obs in First Data Page:     17
Number of Data Set Repairs: 0
File Name:                  /project/ic-interim/programs/NIDDKrepository/
                            derived_data/biopcyst.sas7bdat
Release Created:            8.0202M0
Host Created:               SunOS
Inode Number:               1554449
Access Permission:          rw-rw----
Owner Name:                 cbrensin
File Size (bytes):          4661248



                      -----Alphabetic List of Variables and Attributes-----

  # Variable Type Len  Pos Format     Informat Label
--------------------------------------------------------------------------------
135 AGE      Num    8 1064                     patient's age at baseline inclusion
137 AGEBIN   Num    8 1080 AGEBIN.             age above or below 45 years
136 AGEGRP   Num    8 1072 AGE.                age group
138 AGEONSET Num    8 1088 AGE2F.              age at onset of urinary sympts: ordinal
165 AVGVF_24 Num    8 1304                     avg number of voids/24hr. day
182 AVGVMAXC Num    8 1440 VOLMAX.             ordinal level of AVGV_MAX
180 AVGVMINC Num    8 1424 VOLMIN.             ordinal level of AVGV_MIN
167 AVGV_MAX Num    8 1320                     avg max vol on single
                                               void per 24hr dy (
169 AVGV_MIN Num    8 1336                     avg min vol on single
                                               void per 24hr dy (
166 AVG_NOCT Num    8 1312                     avg number of nocturnal voids
177 AVNOCTC3 Num    8 1400 VFNOCTF.            Ordinal level of AVGVF_24 -- 3 levels
178 AVNOCTC4 Num    8 1408 VFNOCT.             Ordinal level of AVGVF_24 -- 4 levels
171 AVPRG1C3 Num    8 1352 SEVFMT.             ordinal level of AVPURG_1 (pain)
172 AVPRG1C4 Num    8 1360 PURG.               ordinal level of AVPURG_1 (pain)
173 AVPRG2C3 Num    8 1368 SEVFMT.             ordinal level of AVPURG_2 (urgency)
174 AVPRG2C4 Num    8 1376 PURG.               ordinal level of AVPURG_2 (urgency)
163 AVPURG_1 Num    8 1288                     Avg pain score from voiding log
164 AVPURG_2 Num    8 1296                     Avg urgency score from voiding log
175 AVVF24C3 Num    8 1384 VF24C3F.            Ordinal level of AVGVF_24 -- 3 levels
176 AVVF24C4 Num    8 1392 VF24C4F.            Ordinal level of AVGVF_24 -- 4 levels
 55 BATCH    Num    8  424 11.        11.      batch
107 BIOP0    Num    8  840 BIOP0F.             Biopsy at Baseline/1 Month (yn)
233 BIOP11   Num    8 1848 B11F.               % mucosa denuded of urothelium
234 BIOP12   Num    8 1856 B12F.               Submucosal hemorrhage -- collapsed
232 BIOP37   Num    8 1840 B37F.               distr'n of vessels in lamina propria F8
235 BIOP9A   Num    8 1864 YN.                 urothelial status: completely denuded
 65 BIOPLOC  Num    8  504 BMAP.               biopsy location (3 levels)
106 BIOPSY   Num    8  832 BIOPFMT.            biopsy done? (if/when)
```

```
                        The SAS System   10:13 Thursday, February 17, 2005

                        The CONTENTS Procedure

                -----Alphabetic List of Variables and Attributes-----

   # Variable Type Len  Pos Format    Informat Label
  ------------------------------------------------------------------------
   5 BIOP_1   Num    8   24 E14.      E14.     mast cell count: detrusor
                                               muscle(blue st
   6 BIOP_2   Num    8   32 E14.      E14.     mast cell count: lamina
                                               propria (blue st
   7 BIOP_3   Num    8   40 E14.      E14.     mast cell count: urothelium
                                               (blue stain)
   8 BIOP_4   Num    8   48 E14.      E14.     mast cell count: detrusor
                                               muscle(tryptas
   9 BIOP_5   Num    8   56 E14.      E14.     mast cell count: lamina
                                               propria(tryptase
  10 BIOP_6   Num    8   64 E14.      E14.     mast cell count: urothelium(tryptase
                                               sta
  11 BIOP_7   Num    8   72 BIOP7F.   6.       deep muscle obtained
  12 BIOP_8   Num    8   80 YNDNA.    6.       lamina propria prescence
  16 BIOP_10  Num    8  112 YNDNA.    6.       granulation tissue lamina propria
  17 BIOP_11  Num    8  120 BIOP11F.  6.       % mucosa denuded of urothelium
  18 BIOP_12  Num    8  128 BIOP12F.  6.       submucosal hemorrhage
  19 BIOP_13  Num    8  136 BIOP13F.  6.       qualitative distr'n
                                               submucosal hemorrhag
  20 BIOP_14  Num    8  144 BIOP12F.  6.       submucosal granulation tissue
  21 BIOP_15  Num    8  152 YNDNA.    6.       hyperplastic muscularis mucosa
  25 BIOP_17  Num    8  184 YNDNA.    6.       mononuclear endothelitis
  26 BIOP_18  Num    8  192 YNDNA.    6.       transmural mononuclear vasculitis
  30 BIOP_20  Num    8  224 YNDNA.    6.       mucosal edema
  35 BIOP_22  Num    8  264 BIOP22F.  6.       reactive urothelial change
  36 BIOP_23  Num    8  272 YNDNA.    6.       urothelial hyperplasia
  37 BIOP_24  Num    8  280 BIOP24F.  6.       LCA stain & lymphocyte infiltrate
  38 BIOP_25  Num    8  288 BIOP25F.  6.       urothelial hematopoietic
                                               cells LCA stain
  39 BIOP_26  Num    8  296 BIOP26F.  6.       lamina propria hematopoietic
                                               cells LCA s
  40 BIOP_27  Num    8  304 BIOP13F.  6.       distr'n of lamina propria
                                               infiltrate LCA
  41 BIOP_28  Num    8  312 BIOP28F.  6.       muscularis propria hematopoietic
                                               cells L
  42 BIOP_29  Num    8  320 BIOP13F.  6.       distr'n of muscularis
                                               propria infiltrate
  43 BIOP_30  Num    8  328 BIOP30F.  6.       lamina propria collagen
                                               quality trichrom
  44 BIOP_31  Num    8  336 BIOP28F.  6.       fibrosis of detrusor
                                               muscle on trichrome
  45 BIOP_32  Num    8  344 BIOP26F.  6.       nerves in lamina propria in S100 stain
  46 BIOP_33  Num    8  352 BIOP28F.  6.       nerves in muscularis
                                               propria on S100 sta
  47 BIOP_34  Num    8  360 BIOP26F.  6.       S100 positive mononuclear
                                               cells in lamin
  48 BIOP_35  Num    8  368 YNDNA.    6.       perineural inflammation on S100 stain
  49 BIOP_36  Num    8  376 BIOP36F.  6.       vessels in lamina propria in F8 stain
  50 BIOP_37  Num    8  384 BIOP37F.  6.       distr'n of vessels in lamina propria F8
  51 BIOP_38  Num    8  392 BIOP28F.  6.       vessels in muscularis
                                               propria on F8 stai
  52 BIOP_39  Num    8  400 BIOP39F.  6.       distr'n of vessels
                                               muscularis propria F
  22 BIOP_16A Num    8  160 YNDNA.    6.       eosinophilia in urothelium
  23 BIOP_16B Num    8  168 YNDNA.    6.       eosinophilia in lamina propria
  24 BIOP_16C Num    8  176 YNDNA.    6.       eosinophilia in muscularis propria
  27 BIOP_19A Num    8  200 YNDNA.    6.       detrusor myopathy: vacuolar
                                               degeneration
  28 BIOP_19B Num    8  208 YNDNA.    6.       detrusor myopathy: nuclear pyknosis
```

```
                         The SAS System   10:13 Thursday, February 17, 2005

                         The CONTENTS Procedure

              -----Alphabetic List of Variables and Attributes-----

   # Variable Type Len  Pos Format    Informat Label
---------------------------------------------------------------------------
  29 BIOP_19C Num   8  216 YNDNA.     6.       detrusor myopathy: nuclear
                                               karyorrhexsis
  31 BIOP_21A Num   8  232 YNDNA.     6.       urothelial metaplasia:
                                               squamous metaplas
  32 BIOP_21B Num   8  240 YNDNA.     6.       urothelial metaplasia:
                                               mucinous metaplas
  33 BIOP_21C Num   8  248 YNDNA.     6.       urothelial metaplasia:
                                               nephrogenic metap
  34 BIOP_21D Num   8  256 YNDNA.     6.       urothelial metaplasia:
                                               glandular metapla
  13 BIOP_9A  Num   8   88 YNDNA.     6.       urothelial status: completely denuded
  14 BIOP_9B  Num   8   96 YNDNA.     6.       urothelial status: discontinuities
  15 BIOP_9C  Num   8  104 YNDNA.     6.       urothelial status: wedge shaped ulcers
  63 BIOP_ID  Num   8  488 BIOPID.
  64 BIOP_LOC Num   8  496 BMAP_CD.            pathology location code
  86 B_DATE   Num   8  672 MMDDYY8.   MMDDYY8. date of birth
  99 CENTER   Num   8  776 CENTFMT.            center
 118 CH0      Num   8  928 CH0F.               Cysto/Hydro at Baseline/1 Month (yn)
 119 CH1      Num   8  936 CH1F.               Cysto/Hydro: None, Baseline, 1 Month
 156 CH_BIOP  Num   8 1232 CHBIOP.             Baseline/1 Month Cysto/Hydro/Biopsy
 108 CH_DATE  Num   8  848 MMDDYY8.   MMDDYY8. date of first Cysto/Hydro
  89 COUNTRY  Num   8  696 CNTRY_CD. 4.        country of birth
 109 CYSTHYDR Num   8  856 BIOPFMT.            Cysto/Hydro done? (if/when)
 159 CYSTPATH Num   8 1256 BIOPPATH.           pathology of specimen cystoscopically
  67 CYST_1   Num   8  520 ANESTH.    4.       anesthesia
  68 CYST_2   Num   8  528 NANE.      4.       urethra
  69 CYST_3   Num   8  536 PA.        4.       urethral or prostatic calculi
  70 CYST_4   Num   8  544 YN.        4.       urethral diverticulum
  71 CYST_5   Num   8  552 CYST_NA.   4.       orifices
  72 CYST_6   Num   8  560 YN.        4.       psuedomembraneous trigone
  73 CYST_7   Num   8  568 PA.        4.       bladder calculi
  74 CYST_8   Num   8  576 YN.        4.       tumors
  75 CYST_9   Num   8  584 NOCT.      4.       Hunner's patch
  76 CYST_10  Num   8  592 PA.        4.       scars
  77 CYST_11  Num   8  600 VASC.      4.       vascularity
  79 CYST_12  Num   8  616 8.3        8.3      bladder capacity
  80 CYST_13  Num   8  624 YN.        4.       bloody effluent
  81 CYST_14  Num   8  632 NMMS.      4.       glomerulations-severity
  82 CYST_15  Num   8  640 GLOMLOC.   4.       glomerulations-distribution
  83 CYST_17  Num   8  648 BIOPPATH.  4.       biopsy 1 - home institution
  84 CYST_18  Num   8  656 BIOPPATH.  4.       biopsy 2 - APL
  85 CYST_19  Num   8  664 BIOPPATH.  4.       biopsy 3 - APL
  78 CYST_HB  Num   8  608 CYSTTYPE.  4.       hydrodistention & biopsy
 160 DISEASED Num   8 1264 YN.                 Biopsy specimen taken
                                               from diseased area
 162 DIS_STAT Num   8 1280 DS.                 Biopsy specimen taken
                                               from diseased area
 140 DUR      Num   8 1104                     duration of symptoms (age-age at onset)
 141 DURATION Num   8 1112 DUR.                duration of symptoms (age-age at onset)
 101 EDUC_BIN Num   8  792 EDUC.               binary level of education
  94 ED_LEVEL Num   8  736 EDUSTAT.   4.       level of education
  95 EMP_ST   Num   8  744 EMP_CD.    4.       employment status
 134 END_STAT Num   8 1056 ENDSTAT.            patient's status at end of study
  91 ETHNIC   Num   8  712 YN.        4.       origin (Latino or Hispanic)
  60 F8_INAD  Num   8  464 4.         4.       f8_inadq
 199 FUP_STAT Num   8 1576 FUP.                Follow-up Status
 144 F_SCORE  Num   8 1136 FSCRFREQ.           baseline frequency score
 100 HOSPITAL Num   8  784 HSPFMT.             hospital
 161 HP       Num   8 1272 YN.                 Hunner's Patch present (Yes/No)
```

```
                          The SAS System    10:13 Thursday, February 17, 2005

                             The CONTENTS Procedure

                   -----Alphabetic List of Variables and Attributes-----

     #  Variable Type Len  Pos Format     Informat Label
    -----------------------------------------------------------------------------
    105 INCLDATE Num    8  824 MMDDYY8.   MMDDYY8. date of INCL form (baseline only)
     97 INCOME   Num    8  760 INCOME.    4.       household income
     96 JOB_CHNG Num    8  752 YN.        4.       urinary symptoms - job change
     57 LCA_INAD Num    8  440 4.         4.       lca_inadq
     61 LIB_INAD Num    8  472 4.         4.       ltb_inadq
     93 MAR_ST   Num    8  728 MARSTAT.   4.       marital status
    181 MAXVMAXC Num    8 1432 VOLMAX.             ordinal level of MAXV_MAX
    168 MAXV_MAX Num    8 1328                     maximum volume over 3 days (cc)
    179 MINVMINC Num    8 1416 VOLMIN.             ordinal level of MINV_MIN
    170 MINV_MIN Num    8 1344                     minimum volume over 3 days (cc)
    147 MOD_CRIT Num    8 1160 INCL.              Baseline PUF Score -- Moderate Criteria
    139 ONSETBIN Num    8 1096 AGEON.             age at onset of urinary sympts: binary
    102 PARTNER  Num    8  800 ALNFMT.            partner status
    158 PRIOR    Num    8 1248 YNUNK.             previous bladder biopsy
                                                  (yes vs. no/unk)
    157 PRIOR2   Num    8 1240 YNU.               previous bladder biopsy
                                                  (yes/no/unknown)
    128 PR_4     Num    8 1008 YNU.       4.      cystoscopy - y/n
    130 PR_5     Num    8 1024 YNU.       4.      hydrodistension - y/n
    132 PR_6     Num    8 1040 YNU.       4.      bladder biopsy - y/n
    129 PR_4A    Num    8 1016 NAU.       4.      cystoscopy - result
    131 PR_5A    Num    8 1032 NAU.       4.      hydrodistension - result
    133 PR_6A    Num    8 1048 NAU.       4.      bladder biopsy - result
    202 PURG1C3  Num    8 1600 SEVFMT.            ordinal level of PURG_1 (pain)
    203 PURG1C4  Num    8 1608 PURG.              ordinal level of PURG_1 (pain)
    151 PURG1C3B Num    8 1192 SEVFMT.            baseline pain score -- 3 levels
    152 PURG1C4B Num    8 1200 PURG.              baseline pain score -- 4 levels
    204 PURG2C3  Num    8 1616 SEVFMT.            ordinal level of PURG_2 (urgency)
    205 PURG2C4  Num    8 1624 PURG.              ordinal level of PURG_2 (urgency)
    153 PURG2C3B Num    8 1208 SEVFMT.            baseline urgency score -- 3 levels
    154 PURG2C4B Num    8 1216 PURG.              baseline urgency score -- 4 levels
    200 PURG_1   Num    8 1584 4.         4.      pain score over last 4 weeks
    201 PURG_2   Num    8 1592 4.         4.      urgency score over last 4 weeks
    149 PURG_1B  Num    8 1176                    baseline pain score (0 - 9)
    150 PURG_2B  Num    8 1184                    baseline urgency score (0 - 9)
     66 P_ID     Num    8  512 6.         6.      p_id
    142 P_SCORE  Num    8 1120 PURG.              baseline pain score
     90 RACE     Num    8  704 RACE_CD.   4.      race
      2 RDR_ID   Char   4 1888 $RDRID.    $4.     reader_id
    124 REINDATE Num    8  976 MMDDYY8.   MMDDYY8. Visit date at reinstatement
    125 REINREAS Num    8  984 4.         4.      Reinstatement reason
    123 REINTYPE Num    8  968 4.         4.      Visit type at reinstatement
     92 RELIG    Num    8  720 RELIG_CD.  4.      religion
      4 REV_DATE Num    8   16 MMDDYY8.   MMDDYY8. review_date
     59 S100_INA Num    8  456 4.         4.      s100_inadq
     98 SCRDATE  Num    8  768 MMDDYY8.   MMDDYY8. screening sign off date
    155 SCRTIME  Num    8 1224                    # days to complete baseline screening
    146 SEVERITY Num    8 1152 SEVFMT.            severity of symptoms at baseline
    148 SEV_CRIT Num    8 1168 INCL.              Baseline PUF Score -- Severe Criteria
     87 SEX      Num    8  680 SEX.       4.      sex
    103 SHX_1    Num    8  808 4.         4.      age at onset of urinary symptoms
    104 SHX_2    Num    8  816 YN.        4.      previously diagnosed with IC?
      1 SPEC_ID  Num    8    0 11.        11.     spec_id
     56 SPEC_INA Num    8  432 4.         4.      spec_inadq
     88 STATE    Num    8  688 STATE_CD.  6.      state of birth
     53 SUBJ     Num    8  408 11.        11.     subj
    126 SURV_8   Num    8  992 HLTHYEAR.  6.      rating of urinary symptoms now
    127 SURV_9   Num    8 1000 HLTHYEAR.  6.      rating of general health now
    214 SYM_4    Num    8 1696 FREQNITE.  4.      frequency - awakened at night
```

The SAS System   10:13 Thursday, February 17, 2005

The CONTENTS Procedure

-----Alphabetic List of Variables and Attributes-----

```
  # Variable Type Len  Pos Format    Informat Label
-----------------------------------------------------------------------------
215 SYM_5    Num   8 1704 FREQPRD.  4.       frequency - 24 hour period
216 SYM_6    Num   8 1712 YN.       4.       pain/discomfort due to symptoms
217 SYM_7    Num   8 1720 YN.       4.       pain/discomfort in urethra
218 SYM_8    Num   8 1728 YN.       4.       pain/discomfort in lower back
219 SYM_9    Num   8 1736 YN.       4.       pain/discomfort in lower abdomen
220 SYM_10   Num   8 1744 YN.       4.       pain/discomfort in rectum
221 SYM_11   Num   8 1752 YN.       4.       pain/discomfort in vagina
222 SYM_12   Num   8 1760 YN.       4.       pain/discomfort in perineum
223 SYM_13   Num   8 1768 YN.       4.       pain/discomfort in other area
230 SYM_21   Num   8 1824 SXPAINFQ. 4.       frequency of pain/discomfort
                                             with orgasm
231 SYM_22   Num   8 1832 SXPAINTM. 4.       beginning of pain with sexual activity
224 SYM_14A  Num   8 1776 STRENGTH. 4.       intensty of pain now
225 SYM_14B  Num   8 1784 STRENGTH. 4.       intensity of pain at its worst
226 SYM_14C  Num   8 1792 STRENGTH. 4.       intensity of pain at its least
227 SYM_14D  Num   8 1800 STRENGTH. 4.       pain of worst toothache
228 SYM_14E  Num   8 1808 STRENGTH. 4.       pain of worst headache
229 SYM_14F  Num   8 1816 STRENGTH. 4.       pain of worst stomachache
206 SYM_2A   Num   8 1632 OFTEN.    4.       urge to urinate - wet yourself
207 SYM_2B   Num   8 1640 OFTEN.    4.       urge to urinate - unable to bear it
208 SYM_2C   Num   8 1648 OFTEN.    4.       difficulty in starting urine stream
209 SYM_2E   Num   8 1656 OFTEN.    4.       burning pain during urination
210 SYM_2F   Num   8 1664 OFTEN.    4.       urine loss- cough/sneeze/activity
211 SYM_2G   Num   8 1672 OFTEN.    4.       urine loss- can't reach bathroom
212 SYM_2H   Num   8 1680 OFTEN.    4.       pain increase as bladder fills
213 SYM_2I   Num   8 1688 OFTEN.    4.       pain relieved by urination
237 TIME30   Num   8 1880 TIME30F.           time btwn biopsy & INCL date > 30 days
236 TIMEINT  Num   8 1872                    time btwn biopsy date
                                             & INCL date (days)
 58 TRI_INAD Num   8  448 4.        4.       tri_inadq
 62 TRYP_INA Num   8  480 4.        4.       tryp_inadq
145 T_SCORE  Num   8 1144                    total score (puf)
115 UROD7BIN Num   8  904 VMCCF.             (UROD_7 < 100) or (UROD_7 => 100)
114 UROD7CAT Num   8  896 VOL2F.             volume at first sensation to void
117 UROD9BIN Num   8  920 VMCCFMT.           (VMCC < 200) or (VMCC => 200)
116 UROD9CAT Num   8  912 URFMT.             maximum bladder capacity
110 URODDATE Num   8  864 MMDDYY8.  MMDDYY8. date of baseline Urodynamic Evaluation
111 UROD_7   Num   8  872 8.3       8.3      volume at first sensation
112 UROD_9   Num   8  880 8.3       8.3      volume at maximal capacity
113 UROD_11  Num   8  888 PA.       4.       involuntary bladder contractions (y/n)
143 U_SCORE  Num   8 1128 PURG.              baseline urinary urgency score
191 VF24C3   Num   8 1512 VF24C3F.           ordinal level of VF_24 -- 3 levels
192 VF24C4   Num   8 1520 VF24C4F.           ordinal level of VF_24 -- 4 levels
190 VFNOCTC3 Num   8 1504 VFNOCTF.           ordinal level of VF_NOCT -- 3 levels
189 VFNOCTC4 Num   8 1496 VFNOCT.            ordinal level of VF_NOCT -- 4 levels
183 VF_24    Num   8 1448                    # voids per 24 hr day
184 VF_NOCT  Num   8 1456                    # nocturnal voids per 24 hr day
194 VOLMAXC  Num   8 1536 VOLMAX.            ordinal level of VOL_MAX
193 VOLMINC  Num   8 1528 VOLMIN.            ordinal level of VOL_MIN
185 VOL_MAX  Num   8 1464                    maximum volume for each 24 hr day
186 VOL_MIN  Num   8 1472                    minimum volume for each 24 hr day
195 VPURG1C3 Num   8 1544 SEVFMT.            ordinal level of VPURG_1 (pain)
196 VPURG1C4 Num   8 1552 PURG.              ordinal level of VPURG_1 (pain)
197 VPURG2C3 Num   8 1560 SEVFMT.            ordinal level of VPURG_2 (urgency)
198 VPURG2C4 Num   8 1568 PURG.              ordinal level of VPURG_2 (urgency)
187 VPURG_1  Num   8 1480 4.        4.       pain score from voiding log
188 VPURG_2  Num   8 1488 4.        4.       urgency score from voiding log
  3 V_DATE   Num   8    8 MMDDYY8.  MMDDYY8. v_date
 54 V_TYPE   Num   8  416 11.       11.      v_type
```

```
                    The SAS System    10:13 Thursday, February 17, 2005

                    The CONTENTS Procedure

          -----Alphabetic List of Variables and Attributes-----

   # Variable Type Len  Pos Format     Informat Label
---------------------------------------------------------------------------------
 121 WITHDATE Num   8  952 MMDDYY8.   MMDDYY8. Visit date at withdrawal
 122 WITHREAS Num   8  960 WITH_CD.   4.       Withdrawal reason
 120 WITHTYPE Num   8  944 4.         4.       Visit type at withdrawal
```

V. 3-Day Voiding Log SAS Dataset

/derived_data
<u>sumvlog3.sas7bdat</u> – contains the voiding log data for each of the 3 days with derived variables for total number of nocturnal voids, total number of 24 hour voids, total volume, average volume, minimum volume, maximum volume, etc.

```
                                 The SAS System   10:13 Thursday, February 17, 2005

                           The CONTENTS Procedure

Data Set Name: OUT.SUMVLOG3                        Observations:         15328
Member Type:   DATA                                Variables:            50
Engine:        V8                                  Indexes:              0
Created:       10:13 Thursday, February 17, 2005   Observation Length:   400
Last Modified: 10:13 Thursday, February 17, 2005   Deleted Observations: 0
Protection:                                        Compressed:           NO
Data Set Type:                                     Sorted:               NO
Label:


                    -----Engine/Host Dependent Information-----

Data Set Page Size:         32768
Number of Data Set Pages:   190
First Data Page:            1
Max Obs per Page:           81
Obs in First Data Page:     62
Number of Data Set Repairs: 0
File Name:                  /project/ic-interim/programs/NIDDKrepository/
                            derived_data/sumvlog3.sas7bdat
Release Created:            8.0202M0
Host Created:               SunOS
Inode Number:               1554446
Access Permission:          rw-rw----
Owner Name:                 cbrensin
File Size (bytes):          6234112


                    -----Alphabetic List of Variables and Attributes-----

 # Variable Type Len Pos Format     Informat Label
--------------------------------------------------------------------------------
17 F_1      Num    8 128            total number of voiding
                                    intervals exceeding 1hr.
18 F_2      Num    8 136            total number of voiding intervals
                                    exceeding 2hrs.
16 F_05     Num    8 120            total number of voiding intervals
                                    exceeding 0.5hr.
19 F_6      Num    8 144            total number of voiding intervals
                                    exceeding 6hrs.
 8 LOG_F    Num    8  56            Log Type: Number of Voids/24hr.
 7 LOG_S    Num    8  48            Log Type: Voiding Pattern
 9 LOG_T1   Num    8  64            Log Type: Time of Last Void
10 LOG_T2   Num    8  72            Log Type: Time of First Void
11 MAXINTER Num    8  80            maximum interval between
                                    voids during 24hr. day
 6 NGT_TOT  Num    8  40            number of nighttime voids/24hr.
                                    day (reported)
34 NOCT4_7  Num    8 264 NOCT3ORD.  Number of Nocturnal Voids/24hr.
32 NOCTURIA Num    8 248 NOCT.      void during nighttime (yn)
33 NOCT_ORD Num    8 256            Number of Nocturnal Voids/24hr.
25 NUMINTER Num    8 192            total number of voiding intervals
26 N_SHORT  Num    8 200            total number of voiding intervals
                                    not exceeding 0.5hr.
39 PURG_1   Num    8 304 4.      4. purg_1
40 PURG_2   Num    8 312 4.      4. purg_2
27 SHORT    Num    8 208 SHORT.     ordinal level of n_short
28 SHORT3   Num    8 216 SHORT3S.   Number of Short Voiding Intervals/24hr.
29 STAR     Num    8 224 NOCT.      void during nighttime (yn)
31 STAR4_7  Num    8 240 NOCT3ORD.  Number of Starred Voids/24hr.
30 STAR_ORD Num    8 232            Number of Starred Voids/24hr.
 1 SUBJ     Num    8   0 11.     11. patient ID number
43 VF24C3   Num    8 336 VF24C3F.   ordinal level of VF_24 -- 3 levels
```

```
                        The SAS System   10:13 Thursday, February 17, 2005

                        The CONTENTS Procedure

              -----Alphabetic List of Variables and Attributes-----

  # Variable Type Len Pos Format     Informat Label
--------------------------------------------------------------------------------
 44 VF24C4   Num   8 344 VF24C4F.             ordinal level of VF_24 -- 4 levels
 42 VFNOCTC3 Num   8 328 VFNOCTF.             ordinal level of VF_NOCT -- 3 levels
 41 VFNOCTC4 Num   8 320 VFNOCT.              ordinal level of VF_NOCT -- 4 levels
  4 VF_24    Num   8  24                      number of voids/24hr. day
 24 VF_AWAKE Num   8 184                      total number of non-nocturnal voids
  5 VF_NOCT  Num   8  32                      number of nighttime voids/24hr.
                                              day (imputation)
  2 VOID_DAY Num   8   8 4.         4.        day of void (1, 2, or 3)
 36 VOID_DT  Num   8 280 MMDDYY8.   MMDDYY8.  date of void
 46 VOLMAXC  Num   8 360 VOLMAX.              ordinal level of VOL_MAX
 45 VOLMINC  Num   8 352 VOLMIN.              ordinal level of VOL_MIN
 13 VOL_AVG  Num   8  96                      average volume for each 24hr. day
 14 VOL_MAX  Num   8 104                      maximum volume on single
                                              void during 24hr. day
 15 VOL_MIN  Num   8 112                      minimum volume on single
                                              void during 24hr. day
 12 VOL_TOT  Num   8  88                      total volume for each 24hr. day
 47 VPURG1C3 Num   8 368 SEVFMT.              ordinal level of VPURG_1 (pain)
 48 VPURG1C4 Num   8 376 PURG.                ordinal level of VPURG_1 (pain)
 49 VPURG2C3 Num   8 384 SEVFMT.              ordinal level of VPURG_2 (urgency)
 50 VPURG2C4 Num   8 392 PURG.                ordinal level of VPURG_2 (urgency)
 37 VPURG_1  Num   8 288 4.         4.        pain/discomfort for day
 38 VPURG_2  Num   8 296 4.         4.        urgency for day
 20 V_50     Num   8 152                      total number of volumes exceeding 50cc
 21 V_100    Num   8 160                      total number of volumes exceeding 100cc
 22 V_200    Num   8 168                      total number of volumes exceeding 200cc
 23 V_300    Num   8 176                      total number of volumes exceeding 300cc
 35 V_DATE   Num   8 272 MMDDYY8.   MMDDYY8.  visit date
  3 V_TYPE   Num   8  16 4.         4.        visit type: month of visit
```

VI. Longitudinal Analysis SAS Dataset

/derived_data

longanal.sas7bdat – contains the analytic dataset for longitudinal analyses. This data set contains one record per patient per visit date seen. Hence, if a patient's voiding log was 5 days prior to their visit date, the voiding log record and visit information is stored on separate records.

Documentation for ICDB Longitudinal Data Structure (longanal.sas7bdat)

3/10/98

- **The longitudinal data set will be set up as one record per patient per observation (i.e. date seen).**
- **The voiding log data will consist of one record per visit, using the date of the day 1 voiding log as V_DATE. It will include variables for the averages over the 3 days, plus the raw day 1 values.**
- **Also discussed on this date was whether or not to remove any voiding log protocol violators from the data set entirely. It was decided that violation type 2 (VLVIOL_2), incorrect number of weekend days, would be left alone based on Carrisa Mazurick's thesis work. Violation type 3 (VLVIOL_3), non-consecutive days, will be left alone as well. Violation type 4 (VLVIOL_4), missing voiding log dates, will have day 1 dates imputed. Violation type 5 (VLVIOL_5), voiding log performed after a cysto/hydro, and violation type 6 (VLVIOL_6), voiding log performed within one week after baseline urodynamic evaluation performed, will both remain in the dataset, but indicator variables will be carried along identifying these violators. VLVIOL_2 through VLVIOL_6 are date specific variables, while VLVIOL5B and VLVIOL6B are patient specific indicating whether a patient had these 2 particular voiding log violations at their baseline visit.**
- **Since the voiding log data was never queried at the DCC, all apparent date typographical errors were changed. This occurred in 8 instances.**
- **For voiding logs with missing dates, if at least one of the 3 days had a completed date field, the day 1 date will be imputed assuming that the voiding logs were taken on consecutive dates as specified by protocol. If all 3 dates are missing, the date from the VOID form (V_DATE) will be used. There were 73 instances where a voiding log from a particular visit had missing dates. Of these, 23 had the day 1 date available, 2 had either day 2 or day 3 dates available and the day 1 date was imputed, and 48 had all 3 dates missing, in which case the date from the VOID form was used.**
- **The biopsy data will not be merged into the longitudinal data set at this time.**

3/17/98

- **Urodynamic information will not be included as its own separate record in the data structure, but will be repeated in all follow-up records along with the date it was performed (URODDATE).**
- **Several indicator variables will be created which indicate what type of record the row in the dataset corresponds to. For example, if a record in the dataset came from a PURG form, then PURGFORM=1, otherwise missing.**
- **The variable VIS_TYPE will indicate whether the data was from a patient contact (visits 0,1,6,12,...) or a telephone contact (visits 3,9,15,...). If a Cysto/Hydro was performed at any of visits 3,9,15,... then VIS_TYPE will be 'patient contact'.**

3/19/98

- **Subject 510018 will be removed from all data since this patient had urodynamics performed before baseline inclusion eligibility criteria checked.**

- **Patients who took longer than 14.5 weeks to complete baseline screening will not be removed since we are using continuous time and analyzing symptoms when they were measured.**

- **The time since first seen variable, TIMESEEN, will be negative for any patients performing a baseline voiding log before their inclusion criteria was completed. There are 299 out of 638 patients who have baseline voiding logs before their inclusion form was filled out. The INCL date ranged anywhere from 1993 to 1997, so this timing issue did not just happen early on in the study. Of the 299, 123 did the voiding logs more than one week before the inclusion date, with 17 occurring more than 1 month earlier.**

- **Withdrawal and Reinstatement information will be carried on every record and not stored as a separate record. 6 patients who had withdrawn from the study were later reinstated and thus had additional follow-up. Note that one subject, 420026, withdrew on 3/22/94 because of non-urinary health problems, was reinstated on 2/26/97 (reason was previously lost to follow-up but returned), and was withdrawn again that same day because she moved. For this subject, the last withdrawal date and reason are merged into the dataset.**

- **A new variable, END_STAT will be created which identifies each patient's endpoint status.**
  ```
  1.    active until censored by study termination
  2.    official withdrawal
  3.    official withdrawal / reinstated later
  ```

- **A new variable, CLOSEOUT will be created which indicates the close-out period for each patient. If the patient was not eligible for a follow-up visit after 4/30/97 then CLOSEOUT=11/30/97. Otherwise, CLOSEOUT=4/30/97.**

longanal.sas7bdat variable definitions
N=10656, 376 variables

Variable Name	Description	Calculation	Form
Basic Record Identifiers			
SUBJ	patient's id number		
V_DATE	visit date from record collection		
V_TYPE	visit type from record collection		
VIS_TYPE	visit type: patient contact or phone		
TIMESEEN	time since first seen (months)		
Voiding Log variables (asked every visit)			
VOIDFORM	voiding log record (1=yes)		
V_50	total number of volumes > 50 cc	from day 1 voiding log	VOID_LOG
V_100	total number of volumes > 100 cc	from day 1 voiding log	VOID_LOG
V_200	total number of volumes > 200 cc	from day 1 voiding log	VOID_LOG
V_300	total number of volumes > 300 cc	from day 1 voiding log	VOID_LOG
NUMINTER	total number of voiding intervals	from day 1 voiding log	VOID_LOG
F_05	total number of voiding intervals exceeding 0.5 hr.	from day 1 voiding log	VOID_LOG
AVGF_05	average number of voiding intervals exceeding 0.5 hrs.	avg of F_05 over 3 void days	VOID_LOG
F_1	total number of voiding intervals exceeding 1 hr.	from day 1 voiding log	VOID_LOG
AVGF_1	average number of voiding intervals exceeding 1 hr.	avg of F_1 over 3 void days	VOID_LOG
F_2	total number of voiding intervals exceeding 2 hrs.	from day 1 voiding log	VOID_LOG
AVGF_2	average number of voiding intervals exceeding 2 hrs.	avg of F_2 over 3 void days	VOID_LOG
F_6	total number of voiding intervals exceeding 6 hrs.	from day 1 voiding log	VOID_LOG
AVGF_6	average number of voiding intervals exceeding 6 hrs.	avg of F_6 over 3 void days	VOID_LOG
LOG_F	log type: number of voids per 24 hr.	from day 1 voiding log	VOID_LOG

Variable Name	Description	Calculation	Form
AVGLOG_F	average frequency type	avg of LOG_F over 3 void days	VOID_LOG
LOG_S	log type: voiding pattern	from day 1 voiding log	VOID_LOG
AVGLOG_S	average voiding pattern type	avg of LOG_S over 3 void days	VOID_LOG
LOG_TOT	number of voiding logs/patient	count LOG_S over 3 void days	VOID_LOG
LOG_T1	log type: time of last void	from day 1 voiding log	VOID_LOG
AVLOG_T1	average last void type	avg of LOG_T1 over 3 void days	VOID_LOG
LOG_T2	log type: time of first void	from day 1 voiding log	VOID_LOG
AVLOG_T2	average first void type	avg of LOG_T2 over 3 void days	VOID_LOG
MAXINTER	maximum interval between voids on single day	from day 1 voiding log	VOID_LOG
AVGMINT	average maximum interval between voids/24 hr. day	avg of MAXINTER over 3 void days	VOID_LOG
VF_NOCT	number of nocturnal voids per 24 hr. day	from day 1 voiding log	VOID_LOG
VFNOCTC3	ordinal level of VF_NOCT — 3 levels	from day 1 voiding log	VOID_LOG
VFNOCTC4	ordinal level of VF_NOCT — 4 levels	from day 1 voiding log	VOID_LOG
AVG_NOCT	average number of nocturnal voids	avg of VF_NOCT over 3 void days	VOID_LOG
AVGNOCT	average number of nocturnal voids	AVG_NOCT rounded	VOID_LOG
TOT_NOCT	total number of nocturnal voids	sum of VF_NOCT over 3 void days	VOID_LOG
AVNOCTC3	ordinal level of AVG_NOCT — 3 levels		VOID_LOG
AVNOCTC4	ordinal level of AVG_NOCT — 4 levels		VOID_LOG
NOCT_ORD	ordinal level of VF_NOCT		VOID_LOG
NOCTORD2	ordinal level of AVGNOCT		VOID_LOG
NOCTORD3	ordinal level of AVGNOCT		VOID_LOG
NOCTORD4	midpoint of the intervals of NOCTORD3		VOID_LOG
NOCT4_7	ordinal level of AVG_NOCT		VOID_LOG
NOCTSTAR	ordinal level of AVG_STAR		VOID_LOG
NOCTURIA	nocturia: present/absent	based on AVG_NOCT	VOID_LOG
N_SHORT	total number of voiding intervals < 0.5 hr.	from day 1 voiding log	VOID_LOG
AVGN_S	average number of void intervals not exceeding 1 hr.	avg of N_SHORT over 3 void days	VOID_LOG

Variable Name	Description	Calculation	Form
AVGSHORT	ordinal level of AVGN_S		VOID_LOG
AVG_S3	ordinal level of AVGN_S		VOID_LOG
SHORT	ordinal level of N_SHORT	from day 1 voiding log	VOID_LOG
SHORT3	ordinal level of N_SHORT	from day 1 voiding log	VOID_LOG
NGT_TOT	number of nocturnal voids per 24 hr. day	from day 1 voiding log	VOID_LOG
STAR	voided during nighttime (yes/no)	from day 1 voiding log	VOID_LOG
STAR4_7	number of starred voids from day 1 voiding log	from day 1 voiding log	VOID_LOG
AVG_STAR	average number of starred voids	avg of NGT_TOT over 3 void days	VOID_LOG
AVGSTAR	average number of starred voids	AVG_STAR rounded	VOID_LOG
TOT_STAR	total number of starred voids	sum of NGT_TOT over 3 void days	VOID_LOG
STAR_ORD	ordinal level of AVG_STAR		VOID_LOG
STARORD2	ordinal level of AVGSTAR		VOID_LOG
STARORD3	ordinal level of AVGSTAR		VOID_LOG
STARORD4	midpoint of the intervals of STARORD3		VOID_LOG
VF_24	number of voids per 24 hr. day	from day 1 voiding log	VOID_LOG
VF24C3	ordinal level of VF_24 — 3 levels	from day 1 voiding log	VOID_LOG
VF24C4	ordinal level of VF_24 — 4 levels	from day 1 voiding log	VOID_LOG
AVGVF_24	average number of voids/24 hr. day	avg of VF_24 over 3 void days	VOID_LOG
AVVF24C3	ordinal level of AVGVF_24 — 3 levels		VOID_LOG
AVVF24C4	ordinal level of AVGVF_24 — 4 levels		VOID_LOG
VLOG1	ordinal level of AVGVF_24		VOID_LOG
VLOG2	ordinal level of AVGVF_24		VOID_LOG
VLOG3	ordinal level of AVGVF_24		VOID_LOG
VOL_AVG	average volume for each 24 hr. day	from day 1 voiding log	VOID_LOG
AVGV_AVG	average mean volume per subject (cc)	avg of VOL_AVG over 3 void days	VOID_LOG
VOL_MAX	maximum volume on day 1 voiding log	from day 1 voiding log	VOID_LOG
VOLMAXC	ordinal level of VOL_MAX	from day 1 voiding log	VOID_LOG

Variable Name	Description	Calculation	Form
AVGV_MAX	average maximum volume on single void during 24 hr day (cc)	avg of VOL_MAX over 3 void days	VOID_LOG
AVGVMAXC	ordinal level of AVGV_MAX		VOID_LOG
MAXV_MAX	maximum volume over 3 days (cc)	max of VOL_MAX over 3 void days	VOID_LOG
MAXVMAXC	ordinal level of maximum volume over 3 days (cc)		VOID_LOG
VOL_MIN	minimum volume on day 1 voiding log	from day 1 voiding log	VOID_LOG
VOLMINC	ordinal level of VOL_MIN	from day 1 voiding log	VOID_LOG
AVGV_MIN	average minimum volume on single void during 24 hr day (cc)	avg of VOL_MIN over 3 void days	VOID_LOG
AVGVMINC	ordinal level of AVGV_MIN		VOID_LOG
MINV_MIN	minimum volume over 3 days (cc)	min of VOL_MIN over 3 void days	VOID_LOG
MIMVMINC	ordinal level of MINV_MIN — 3 levels		VOID_LOG
VOL_TOT	total volume on day 1 voiding log	from day 1 voiding log	VOID_LOG
AVGV_TOT	average total volume per subject (cc)	avg of VOL_TOT over 3 void days	VOID_LOG
VF_AWAKE	total number of non-nocturnal voids	from day 1 voiding log	VOID_LOG
AVG_AWAK	average number of non-nocturnal voids	avg of VF_AWAKE over 3 void days	VOID_LOG
VLOG4	ordinal level of AVG_AWAK		VOID_LOG
VPURG_1	pain score from day 1 voiding log	from day 1 voiding log	VOID
VPURG1C3	ordinal level of VPURG_1 — 3 levels	from day 1 voiding log	VOID
VPURG1C4	ordinal level of VPURG_1 — 4 levels	from day 1 voiding log	VOID
AVPURG_1	average pain score from voiding log	avg of VPURG_1 over 3 void days	VOID
AVPRG1C3	ordinal level of AVPURG_1 — 3 levels		VOID
AVPRG1C4	ordinal level of AVPURG_1 — 4 levels		VOID
VPURG_2	urgency score from day 1 voiding log	from day 1 voiding log	VOID
VPURG2C3	ordinal level of VPURG_2 — 3 levels	from day 1 voiding log	VOID
VPURG2C4	ordinal level of VPURG_2 — 4 levels	from day 1 voiding log	VOID
AVPURG_2	average urgency score from voiding log	avg of VPURG_2 over 3 void days	VOID
AVPRG2C3	ordinal level of AVPURG_2 — 3 levels		VOID
AVPRG2C4	ordinal level of AVPURG_2 — 4 levels		VOID

Variable Name	Description	Calculation	Form
NO_VIOL	number of voiding log violations		VOID_LOG
VLVIOL	voiding log violation (yes/no)		VOID_LOG
VLVIOL_2	number of weekend days		VOID_LOG
VLVIOL_3	non-consecutive days		VOID_LOG
VLVIOL_4	missing dates		VOID_LOG
VLVIOL_5	log > cysto		VOID_LOG
VLVIOL_6	log < (urod + 7)		VOID_LOG
PURG Scales (asked every visit)			
PURGFORM	purg record (1=yes)		
PURG_1	pain score over last 4 weeks		PURG
PURG_2	urgency score over last 4 weeks		PURG
PURG1C3	ordinal level of PURG_1 — 3 levels		PURG
PURG1C4	ordinal level of PURG_2 — 4 levels		PURG
PURG2C3	ordinal level of PURG_2 — 3 levels		PURG
PURG2C4	ordinal level of PURG_2 - 4 levels		PURG
Symptoms (asked at visits 0,6,12,18,24,30,36,42,48)			
SYMPFORM	symptom record (1=yes)		
SYM_1	severity of urinary symptoms		SYMPTS
SYM_2A	urge to urinate--wet yourself		SYMPTS
SYM_2B	urge to urinate--unable to bear it		SYMPTS
SYM_2C	difficulty starting urinary stream		SYMPTS
SYM_2D	visible blood in urine stream		SYMPTS
SYM_2E	burning or pain during urination		SYMPTS
SYM_2F	involuntary loss of urine due to coughing, sneezing, or other activity		SYMPTS
SYM_2G	involuntary loss of urine--not able to get to bathroom quickly enough		SYMPTS

Variable Name	Description	Calculation	Form
SYM_2H	pain increasing when bladder fills		SYMPTS
SYM_2I	pain relieved by urination		SYMPTS
SYM_3	frequency — awake period		SYMPTS
SYM_4	number of times awaken at night to urinate		SYMPTS
SYM_5	number of times urinate in 24 hour period		SYMPTS
SYM_6	pain or discomfort associated with urinary symptoms		SYMPTS
SYM_7	pain or discomfort in urethra		SYMPTS
SYM_7A1	dull pain: urethra (yes/no)		SYMPTS
SYM_7A2	aching pain: urethra (yes/no)		SYMPTS
SYM_7A3	bloating pain: urethra (yes/no)		SYMPTS
SYM_7A4	pressure pain: urethra (yes/no)		SYMPTS
SYM_7A5	stabbing pain: urethra (yes/no)		SYMPTS
SYM_7A6	sharp pain: urethra (yes/no)		SYMPTS
SYM_7A7	spasm pain: urethra (yes/no)		SYMPTS
SYM_7A8	burning pain: urethra (yes/no)		SYMPTS
SYM_7B	persistence of pain: urethra		SYMPTS
SYM_7C	intensity of pain: urethra		SYMPTS
SYM_8	pain or discomfort in lower back		SYMPTS
SYM_8A1	dull pain: lower back (yes/no)		SYMPTS
SYM_8A2	aching pain: lower back (yes/no)		SYMPTS
SYM_8A3	bloating pain: lower back (yes/no)		SYMPTS
SYM_8A4	pressure pain: lower back (yes/no)		SYMPTS
SYM_8A5	stabbing pain: lower back (yes/no)		SYMPTS
SYM_8A6	sharp pain: lower back (yes/no)		SYMPTS
SYM_8A7	spasm pain: lower back (yes/no)		SYMPTS
SYM_8A8	burning pain: lower back (yes/no)		SYMPTS
SYM_8B	persistence of pain: lower back		SYMPTS

Variable Name	Description	Calculation	Form
SYM_8C	intensity of pain: lower back		SYMPTS
SYM_9	pain or discomfort in lower abdomen		SYMPTS
SYM_9A1	dull pain: lower abdomen (yes/no)		SYMPTS
SYM_9A2	aching pain: lower abdomen (yes/no)		SYMPTS
SYM_9A3	bloating pain: lower abdomen (yes/no)		SYMPTS
SYM_9A4	pressure pain: lower abdomen (yes/no)		SYMPTS
SYM_9A5	stabbing pain: lower abdomen (yes/no)		SYMPTS
SYM_9A6	sharp pain: lower abdomen (yes/no)		SYMPTS
SYM_9A7	spasm pain: lower abdomen (yes/no)		SYMPTS
SYM_9A8	burning pain: lower abdomen (yes/no)		SYMPTS
SYM_9B	persistence of pain: lower abdomen		SYMPTS
SYM_9C	intensity of pain: lower abdomen		SYMPTS
SYM_10	pain or discomfort in rectum		SYMPTS
SYM_10A1	dull pain: rectum (yes/no)		SYMPTS
SYM_10A2	aching pain: rectum (yes/no)		SYMPTS
SYM_10A3	bloating pain: rectum (yes/no)		SYMPTS
SYM_10A4	pressure pain: rectum (yes/no)		SYMPTS
SYM_10A5	stabbing pain: rectum (yes/no)		SYMPTS
SYM_10A6	sharp pain: rectum (yes/no)		SYMPTS
SYM_10A7	spasm pain: rectum (yes/no)		SYMPTS
SYM_10A8	burning pain: rectum (yes/no)		SYMPTS
SYM_10B	persistence of pain: rectum		SYMPTS
SYM_10C	intensity of pain: rectum		SYMPTS
SYM_11	pain or discomfort in vagina		SYMPTS
SYM_11A1	dull pain: vagina (yes/no)		SYMPTS
SYM_11A2	aching pain: vagina (yes/no)		SYMPTS
SYM_11A3	bloating pain: vagina (yes/no)		SYMPTS
SYM_11A4	pressure pain: vagina (yes/no)		SYMPTS

Variable Name	Description	Calculation	Form
SYM_11A5	stabbing pain: vagina (yes/no)		SYMPTS
SYM_11A6	sharp pain: vagina (yes/no)		SYMPTS
SYM_11A7	spasm pain: vagina (yes/no)		SYMPTS
SYM_11A8	burning pain: vagina (yes/no)		SYMPTS
SYM_11B	persistence of pain: vagina		SYMPTS
SYM_11C	intensity of pain: vagina		SYMPTS
SYM_12	pain or discomfort in perineum		SYMPTS
SYM_12A1	dull pain: perineum (yes/no)		SYMPTS
SYM_12A2	aching pain: perineum (yes/no)		SYMPTS
SYM_12A3	bloating pain: perineum (yes/no)		SYMPTS
SYM_12A4	pressure pain: perineum (yes/no)		SYMPTS
SYM_12A5	stabbing pain: perineum (yes/no)		SYMPTS
SYM_12A6	sharp pain: perineum (yes/no)		SYMPTS
SYM_12A7	spasm pain: perineum (yes/no)		SYMPTS
SYM_12A8	burning pain: perineum (yes/no)		SYMPTS
SYM_12B	persistence of pain: perineum		SYMPTS
SYM_12C	intensity of pain: perineum		SYMPTS
SYM_13	pain or discomfort in any other area		SYMPTS
SYM_13CD	location of other pain/discomfort		
SYM_13A1	dull pain: any other area (yes/no)		SYMPTS
SYM_13A2	aching pain: any other area (yes/no)		SYMPTS
SYM_13A3	bloating pain: any other area (yes/no)		SYMPTS
SYM_13A4	pressure pain: any other area (yes/no)		SYMPTS
SYM_13A5	stabbing pain: any other area (yes/no)		SYMPTS
SYM_13A6	sharp pain: any other area (yes/no)		SYMPTS
SYM_13A7	spasm pain: any other area (yes/no)		SYMPTS
SYM_13A8	burning pain: any other area (yes/no)		SYMPTS
SYM_13B	persistence of pain: any other area		SYMPTS

Variable Name	Description	Calculation	Form
SYM_13C	intensity of pain: any other area		SYMPTS
SYM_14A	describe pain right now		SYMPTS
SYM_14B	describe pain at its worst		SYMPTS
SYM_14C	describe pain at its least		SYMPTS
SYM_14D	describe worst toothache		SYMPTS
SYM_14E	describe worst headache		SYMPTS
SYM_14F	describe worst stomach-ache		SYMPTS
SYM_15	symptoms related to the time of day		SYMPTS
SYM_16	symptoms related to eating a meal		SYMPTS
SYM_17A	symptoms when lying down		SYMPTS
SYM_17B	symptoms when sitting		SYMPTS
SYM_17C	symptoms when sitting with feet elevated		SYMPTS
SYM_17D	symptoms when standing		SYMPTS
SYM_17E	symptoms when walking		SYMPTS
SYM_18	symptoms worsened by constipation		SYMPTS
SYM_19	frequency of sexual activity		SYMPTS
SYM_20	pain/discomfort with sexual activity		SYMPTS
SYM_21	how often experience pain or discomfort during or after orgasm		SYMPTS
SYM_22	when pain or discomfort associated with sexual activity begins		SYMPTS
SYM_23	avoid sexual activity due to symptoms		SYMPTS
SYM_24	currently menstruate		SYMPTS
SYM_24A	how do symptoms relate to menstrual cycle		SYMPTS
Cystoscopy/Hydrodistension (when clinically indicated)			
CYSTFORM	cysto/hydro record (1=yes)		
CYST_1	type of anesthesia		CYST
CYST_2	urethra?		CYST
CYST_3	urethral or prostatic calculi?		CYST

Variable Name	Description	Calculation	Form
CYST_4	urethral diverticulum?		CYST
CYST_5	orfices?		CYST
CYST_6	pseudomembraneous trigone?		CYST
CYST_7	bladder calculi?		CYST
CYST_8	tumors?		CYST
CYST_9	hunner's patch?		CYST
CYST_10	scars?		CYST
CYST_11	vascularity?		CYST
CYST_12	bladder capacity (cc)		CYST
CYST_13	bloody effluent?		CYST
CYST_14	glomerulations?		CYST
CYST_15	glomerulations: diffuse/localized		CYST
CYST_HB	cysto / hydro / biopsy		CYST
Quality of Life (asked at visits 0,6,12,18,24,30,36,42,48)			
QULFORM	quality of life record (1=yes)		
PHYSICAL	standardized physical score		QUL
PROLE	standardized role functional: physical scale		QUL
EROLE	standardized role functional: emotional scale		QUL
SOCIAL	standardized social scale		QUL
BPAIN	standardized bodily pain scale		QUL
MENTAL	standardized mental health scale		QUL
VITALITY	standardized vitality scale		QUL
GENERAL	standardized general health perception scale		QUL
PCS	SF36: physical component score	based on 8 scores above	QUL
MCS	SF36: mental component score	based on 8 scores above	QUL
Patient level information			

Variable Name	Description	Calculation	Form
Baseline background information			
B_DATE	birth date		BACK
AGE	patient's age at baseline	(incldate - b_date)/365.25	BACK/INCL
AGEGRP	patient's age group		BACK
AGEBIN	AGE 45 then AGEBIN = 0 AGE > 45 then AGEBIN = 1		BACK
SHX_1	age at onset of urinary symptoms		SYMHX
AGEONSET	ordinal level of SHX_1		SYMHX
ONSETBIN	binary level of SHX_1 (< 35 or >= 35)		SYMHX
DUR	duration of symptoms (continuous)	age - ageonset	BACK/SYMHX
DURATION	duration of symptoms (ordinal)	age - ageonset	BACK/SYMHX
SHX_2	previously diagnosed with IC	yes / no	SYMHX
CENTER	center		
HOSPITAL	hospital		
INCOME	income level		BACK
JOB_CHNG	job change due to urinary symptoms		BACK
ED_LEVEL	level of education		BACK
EDUC_BIN	binary level of education		BACK
EMP_ST	employment status		BACK
MAR_ST	marital status		BACK
PARTNER	partnered or alone		BACK
RACE	patient's race		BACK
ETHNIC	origin (Latino or Hispanic)		BACK
RELIG	patient's religion		BACK
SEX	gender of patient		BACK
STATE	state of birth		BACK
COUNTRY	country of birth		BACK

Variable Name	Description	Calculation	Form
Baseline Severity information			
P_SCORE	pain score from baseline screening		PURG
U_SCORE	urgency score from baseline screening		PURG
F_SCORE	baseline frequency score from inclusion checklist		INCL
T_SCORE	total PUF score from baseline screening		INCL/PURG
SEVERITY	severity of symptoms	based on T_SCORE	INCL/PURG
MOD_CRIT	baseline PUF score — moderate criteria		
SEV_CRIT	baseline PUF score — severe criteria		
Urodynamic information			
URODDATE	date of baseline Urodynamic Evaluation		UROD
UROD_7	volume at first sensation		UROD
UROD7CAT	ordinal level of UROD_7		UROD
UROD7BIN	UROD_7 < 100 then UROD7BIN = 0 UROD_7 100 then UROD7BIN = 1		UROD
UROD_9	volume at maximal capacity		UROD
UROD9CAT	ordinal level of UROD_9		UROD
UROD9BIN	UROD_9 < 200 then UROD9BIN = 0 UROD_9 200 then UROD9BIN = 1		UROD
UROD_11	involuntary bladder contractions (present/absent)		UROD
Baseline outcome values			
PURG_1B	baseline pain score over last 4 weeks		PURG
PURG_2B	baseline urgency score over last 4 weeks		PURG
PURG1C3B	baseline ordinal level of pain — 3 levels		PURG
PURG1C4B	baseline ordinal level of pain — 4 levels		PURG
PURG2C3B	baseline ordinal level of urgency — 3 levels		PURG
PURG2C4B	baseline ordinal level of urgency — 4 levels		PURG
VPURG_1B	pain score from day 1 voiding log at baseline		VOID

Variable Name	Description	Calculation	Form
VPURG_2B	urgency score from day 1 voiding log at baseline		VOID
VPURG1B3	ordinal level pain score from day 1 voiding log at baseline — 3 levels		VOID
VPURG1B4	ordinal level pain score from day 1 voiding log at baseline — 4 levels		VOID
VPURG2B3	ordinal level urgency score from day 1 voiding log at baseline — 3 levels		VOID
VPURG2B4	ordinal level urgency score from day 1 voiding log at baseline — 4 levels		VOID
AVPURG1B	baseline average pain score over 3 day voiding logs		VOID
AVPURG2B	baseline average pain score over 3 day voiding logs		VOID
AVPRG1B3	baseline average pain score over 3 day voiding logs — 3 ordinal levels		VOID
AVPRG1B4	baseline average pain score over 3 day voiding logs — 4 ordinal levels		VOID
AVPRG2B3	baseline average urgency score over 3 day voiding logs — 3 ordinal levels		VOID
AVPRG2B4	baseline average urgency score over 3 day voiding logs — 4 ordinal levels		VOID
VF_NOCTB	number of nocturnal voids of day 1 voiding log at baseline		VOID_LOG
VFNOCTB3	ordinal level of number of nocturnal voids of day 1 voiding log at baseline — 3 levels		VOID_LOG
VFNOCTB4	ordinal level of number of nocturnal voids of day 1 voiding log at baseline — 4 levels		VOID_LOG
AVGNOCTB	average number of nocturnal voids over 3 day voiding logs at baseline		VOID_LOG
AVNOCTB3	ordinal level of average number of nocturnal voids over 3 day voiding logs at baseline — 3 levels		VOID_LOG
AVNOCTB4	ordinal level of average number of nocturnal voids over 3 day voiding logs at baseline — 4 levels		VOID_LOG
AVGVF24B	average number of 24 hr. voids over 3 day voiding log at baseline		VOID_LOG
AVVF24B3	ordinal level of average number of 24 hr. voids over 3 day voiding log at baseline — 3 levels		VOID_LOG

Variable Name	Description	Calculation	Form
AVVF24B4	ordinal level of average number of 24 hr. voids over 3 day voiding log at baseline — 3 levels		VOID_LOG
VF_24B	number of 24 hr. voids of day 1 voiding log at baseline		VOID_LOG
VF24C3B	ordinal level of number of 24 hr. voids of day 1 voiding log at baseline — 3 levels		VOID_LOG
VF24C4B	ordinal level of number of 24 hr. voids of day 1 voiding log at baseline — 4 levels		VOID_LOG
VOL_MAXB	maximum volume from day 1 voiding log at baseline		VOID_LOG
VOLMAXCB	ordinal level of maximum volume from day 1 voiding log at baseline		VOID_LOG
MAXVMAXB	maximum volume over 3 days at baseline (cc)		VOID_LOG
MXVMAXCB	ordinal level of maximum volume over 3 days at baseline (cc)		VOID_LOG
AVGVMAXB	average maximum volume over 3 day voiding logs at baseline		VOID_LOG
AVVMAXCB	ordinal level of average maximum volume over 3 day voiding logs at baseline		VOID_LOG
VOL_MINB	minimum volume from day 1 voidng log at baseline		VOID_LOG
VOLMINCB	ordinal level of minimum volume from day 1 voidng log at baseline		VOID_LOG
MINVMINB	minimum volume over 3 days at baseline (cc)		VOID_LOG
MNVMINCB	ordinal level of minimum volume over 3 days at baseline (cc)		VOID_LOG
AVGVMINB	average minimum volume over 3 day voiding log at baseline		VOID_LOG
AVVMINCB	ordinal level of average minimum volume over 3 day voiding log at baseline		VOID_LOG
VOL_AVGB	mean volume from day 1 voiding log at baseline		VOID_LOG
AVGVAVGB	average mean volume over 3 day voiding log at baseline		VOID_LOG
Cysto/Hydro/Biopsy information			

Variable Name	Description	Calculation	Form
CH0	cysto/hydro performed at baseline or 1 month (yes/no)		CYST
CH1	cysto/hydro performed: none, baseline, or 1 month		CYST
CYSTHYDR	when was a cysto/hydro performed		CYST
BIOP0	biopsy performed at baseline or 1 month (yes/no)		CYST
BIOPSY	when was a biopsy performed		CYST
CH_BIOP	baseline or 1 month cysto/hydro or biopsy		CYST
Prior Diagnoses and Treatments information			
PR_4	prior cystoscopy (yes/no)		PRIOR
PR_4A	cystoscopy result		PRIOR
PR_5	prior hydrodistension (yes/no)		PRIOR
PR_5A	hydrodistension result		PRIOR
PR_6	prior bladder biopsy (yes/no)		PRIOR
PR_6A	bladder biopsy result		PRIOR
Timing information			
VLVIOL5B	Log > Cysto at baseline visit		VOID_LOG
VLVIOL6B	Log < (Urod + 7) at baseline visit		VOID_LOG
INCLDATE	date INCL form completed (baseline only)		INCL
SCRDATE	screen date		SUBJSTAT
SCRTIME	# days to complete baseline screening	scrdate - incldate	SUBJSTAT/ INCL
MAXDATE	maximum follow-up date	max(v_date) over all visits	
MAX_FUP	maximum follow-up time	grouped max(timeseen) over all visits	
LSTVTYPE	last visit type seen	max(v_type) over all visits	
CLOSEOUT	date of close-out based on DCC criteria	4/30/97 if not eligible for follow-up after 4/30/97 otherwise, 11/30/97	

Variable Name	Description	Calculation	Form
POSS_FUP	possible follow-up (months)		
MISSTIME	time between last visit actually seen and possible follow-up	POSS_FUP - LSTVTYPE	
NUMVISIT	total number of visits seen	count of differenct v_type's	
NUMDATES	total number of dates seen	total number of records per subject	
Withdrawal information			
WITHDATE	date of withdrawal from study		WITHD
WITHTYPE	visit type of withdrawal from study		WITHD
WITHREAS	reason for withdrawal		WITHD
REINDATE	date of reinstatement into the study		REIN
REINTYPE	visit type of reinstatement into the study		REIN
REINREAS	reason for reinstatement		REIN
END_STAT	patient's status at end of study		WITHD/REIN
FUP_STAT	patient's follow-up status at end of study		
SURV_8	rating of urinary symptoms now		SURVEY
SURV_9	rating of general health now		SURVEY

```
                              The SAS System    10:13 Thursday, February 17, 2005

                          The CONTENTS Procedure

Data Set Name: OUT.LONGANAL                      Observations:         10656
Member Type:   DATA                              Variables:            376
Engine:        V8                                Indexes:              0
Created:       10:13 Thursday, February 17, 2005 Observation Length:   3008
Last Modified: 10:13 Thursday, February 17, 2005 Deleted Observations: 0
Protection:                                      Compressed:           NO
Data Set Type:                                   Sorted:               NO
Label:


                     -----Engine/Host Dependent Information-----

Data Set Page Size:          65536
Number of Data Set Pages:    509
First Data Page:             1
Max Obs per Page:            21
Obs in First Data Page:      5
Number of Data Set Repairs:  0
File Name:                   /project/ic-interim/programs/NIDDKrepository/
                             derived_data/longanal.sas7bdat
Release Created:             8.0202M0
Host Created:                SunOS
Inode Number:                1554448
Access Permission:           rw-rw----
Owner Name:                  cbrensin
File Size (bytes):           33366016


                     -----Alphabetic List of Variables and Attributes-----

   # Variable Type Len  Pos Format     Informat Label
-------------------------------------------------------------------------------
 336 AGE      Num   8 2680                      patient's age at baseline (yrs)
 338 AGEBIN   Num   8 2696 AGEBIN.               age above or below 45 years
 337 AGEGRP   Num   8 2688 AGE.                  age group
 339 AGEONSET Num   8 2704 AGE2F.                age at onset of urinary sympts: ordinal
  24 AVGF_1   Num   8  184                       avg # of voiding intervals
                                                 exceeding 1hr
  25 AVGF_2   Num   8  192                       avg # of voiding intervals
                                                 exceeding 2hr
  23 AVGF_05  Num   8  176                       avg # of voiding intervals
                                                 exceeding 0.5
  26 AVGF_6   Num   8  200                       avg # of voiding intervals
                                                 exceeding 6hr
   4 AVGLOG_F Num   8   24                       Average Frequency Type
   5 AVGLOG_S Num   8   32                       Average Voiding Pattern Type
  16 AVGMINT  Num   8  120                       avg max interval btw voids/24hr. day
  28 AVGNOCT  Num   8  216                       AVG_NOCT rounded
 251 AVGNOCTB Num   8 2000                       avg number of nocturnal voids--baseline
  27 AVGN_S   Num   8  208                       avg # of void intervals
                                                 not exceeding 1h
  30 AVGSHORT Num   8  232 SHORT.                ordinal level of avgn_s
  29 AVGSTAR  Num   8  224                       AVG_STAR rounded
 252 AVGVAVGB Num   8 2008                       avg mean volume per subject--baseline
 250 AVGVF24B Num   8 1992                       avg number of voids/24hr. day--baseline
  10 AVGVF_24 Num   8   72                       avg number of voids/24hr. day
 253 AVGVMAXB Num   8 2016                       avg max vol on single void--baseline
  54 AVGVMAXC Num   8  424 VOLMAX.               ordinal level of AVGV_MAX
 255 AVGVMINB Num   8 2032                       avg min vol on single void--baseline
  52 AVGVMINC Num   8  408 VOLMIN.               ordinal level of AVGV_MIN
  18 AVGV_AVG Num   8  136                       avg mean volume per subject (cc)
  19 AVGV_MAX Num   8  144                       avg max vol on single
                                                 void per 24hr dy (
```

```
                       The SAS System   10:13 Thursday, February 17, 2005

                          The CONTENTS Procedure

                  -----Alphabetic List of Variables and Attributes-----


  # Variable Type Len  Pos Format    Informat Label
----------------------------------------------------------------------------
 21 AVGV_MIN Num   8  160                     avg min vol on single
                                              void per 24hr dy (
 17 AVGV_TOT Num   8  128                     avg total volume per subject (cc)
 11 AVG_AWAK Num   8   80                     avg number of non-nocturnal voids
 12 AVG_NOCT Num   8   88                     avg number of nocturnal voids
 31 AVG_S3   Num   8  240 SHORT3S.            ordinal level of AVGN_S
 14 AVG_STAR Num   8  104                     avg number of starred voids
  6 AVLOG_T1 Num   8   40                     Average Last Void Type
  7 AVLOG_T2 Num   8   48                     Average First Void Type
263 AVNOCTB3 Num   8 2096 VFNOCTF.            avg number of nocturnal voids--baseline
264 AVNOCTB4 Num   8 2104 VFNOCT.             avg number of nocturnal voids--baseline
 49 AVNOCTC3 Num   8  384 VFNOCTF.            Ordinal level of AVGVF_24 -- 3 levels
 50 AVNOCTC4 Num   8  392 VFNOCT.             Ordinal level of AVGVF_24 -- 4 levels
257 AVPRG1B3 Num   8 2048 SEVFMT.             Avg pain score from void log--baseline
258 AVPRG1B4 Num   8 2056 PURG.               Avg pain score from void log--baseline
 43 AVPRG1C3 Num   8  336 SEVFMT.             ordinal level of AVPURG_1 (pain)
 44 AVPRG1C4 Num   8  344 PURG.               ordinal level of AVPURG_1 (pain)
259 AVPRG2B3 Num   8 2064 SEVFMT.             Avg urgency score from
                                              void log-baseline
260 AVPRG2B4 Num   8 2072 PURG.               Avg urgency score from
                                              void log-baseline
 45 AVPRG2C3 Num   8  352 SEVFMT.             ordinal level of AVPURG_2 (urgency)
 46 AVPRG2C4 Num   8  360 PURG.               ordinal level of AVPURG_2 (urgency)
248 AVPURG1B Num   8 1976                     Avg pain score from void log--baseline
249 AVPURG2B Num   8 1984                     Avg urgency score from
                                              void log-baseline
  8 AVPURG_1 Num   8   56                     Avg pain score from voiding log
  9 AVPURG_2 Num   8   64                     Avg urgency score from voiding log
261 AVVF24B3 Num   8 2080 VF24C3F.            avg number of voids/24hr. day--baseline
262 AVVF24B4 Num   8 2088 VF24C4F.            avg number of voids/24hr. day--baseline
 47 AVVF24C3 Num   8  368 VF24C3F.            Ordinal level of AVGVF_24 -- 3 levels
 48 AVVF24C4 Num   8  376 VF24C4F.            Ordinal level of AVGVF_24 -- 4 levels
268 AVVMAXCB Num   8 2136 VOLMAX.             avg max vol on single void--baseline
266 AVVMINCB Num   8 2120 VOLMIN.             avg min vol on single void--baseline
309 BIOP0    Num   8 2464 BIOP0F.             Biopsy at Baseline/1 Month (yn)
308 BIOPSY   Num   8 2456 BIOPFMT.            biopsy done? (if/when)
224 BPAIN    Num   8 1784                     Standardized Bodily Pain Scale
288 B_DATE   Num   8 2296 MMDDYY8.  MMDDYY8.  date of birth
301 CENTER   Num   8 2400 CENTFMT.            center
319 CH0      Num   8 2544 CH0F.               Cysto/Hydro at Baseline/1 Month (yn)
320 CH1      Num   8 2552 CH1F.               Cysto/Hydro: None, Baseline, 1 Month
357 CH_BIOP  Num   8 2848 CHBIOP.             Baseline/1 Month Cysto/Hydro/Biopsy
364 CLOSEOUT Num   8 2904 MMDDYY8.            date of DCC close-out
291 COUNTRY  Num   8 2320 CNTRY_CD. 4.        country of birth
247 CYSTFORM Num   8 1968                     CYST record (1=yes)
310 CYSTHYDR Num   8 2472 BIOPFMT.            Cysto/Hydro done? (if/when)
231 CYST_1   Num   8 1840 ANESTH.   4.        type of anesthesia
232 CYST_2   Num   8 1848 NANE.     4.        urethra?
233 CYST_3   Num   8 1856 PA.       4.        urethral or prostatic calculi?
234 CYST_4   Num   8 1864 YN.       4.        urethral diverticulum?
235 CYST_5   Num   8 1872 CYST_NA.  4.        orfices?
236 CYST_6   Num   8 1880 YN.       4.        pseudomembraneous trigone?
237 CYST_7   Num   8 1888 PA.       4.        bladder calculi?
238 CYST_8   Num   8 1896 YN.       4.        tumors?
239 CYST_9   Num   8 1904 PA.       4.        hunner's patch?
240 CYST_10  Num   8 1912 PA.       4.        scars?
241 CYST_11  Num   8 1920 VASC.     4.        vascularity?
243 CYST_12  Num   8 1936 8.3       8.3       bladder capacity (cc)
244 CYST_13  Num   8 1944 YN.       4.        bloody effluent?
```

The CONTENTS Procedure

-----Alphabetic List of Variables and Attributes-----

```
  # Variable Type Len  Pos Format     Informat Label
-------------------------------------------------------------------------------
245 CYST_14  Num   8 1952 NMMS.       4.       glomerulations?
246 CYST_15  Num   8 1960 GLOMLOC.    4.       glomerulations: diffuse/localized
242 CYST_HB  Num   8 1928 CYSTTYPE.   4.       Cysto/Hydro/Biopsy
341 DUR      Num   8 2720                      duration of symptoms (age-age at onset)
342 DURATION Num   8 2728 DUR.                 duration of symptoms (age-age at onset)
303 EDUC_BIN Num   8 2416 EDUC.                binary level of education
296 ED_LEVEL Num   8 2360 EDUSTAT.    4.       level of education
297 EMP_ST   Num   8 2368 EMP_CD.     4.       employment status
335 END_STAT Num   8 2672 ENDSTAT.             patient's status at end of study
222 EROLE    Num   8 1768                      Standardized Role Func.
                                               - Emotional Scal
293 ETHNIC   Num   8 2336 YN.         4.       origin (Latino or Hispanic)
366 FUP_STAT Num   8 2920 FUP.                 Follow-up Status
 68 F_1      Num   8  536                      total # voiding ints exceeding 1 hr
 69 F_2      Num   8  544                      total # voiding ints exceeding 2 hrs
 67 F_05     Num   8  528                      total # voiding ints exceeding 0.5 hr
 70 F_6      Num   8  552                      total # voiding ints exceeding 6 hrs
345 F_SCORE  Num   8 2752 FSCRFREQ.            baseline frequency score
227 GENERAL  Num   8 1808                      Standardized General
                                               Health Percept. Sca
302 HOSPITAL Num   8 2408 HSPFMT.              hospital
307 INCLDATE Num   8 2448 MMDDYY8.    MMDDYY8. date of INCL form (baseline only)
299 INCOME   Num   8 2384 INCOME.     4.       household income
298 JOB_CHNG Num   8 2376 YN.         4.       urinary symptoms - job change
 59 LOG_F    Num   8  464                      log type: # of voids/24 hr
 58 LOG_S    Num   8  456                      log type: voiding pattern
 60 LOG_T1   Num   8  472                      log type: time of last void
 61 LOG_T2   Num   8  480                      log type: time of first void
  3 LOG_TOT  Num   8   16                      Number of Voiding Logs/Patient
362 LSTVTYPE Num   8 2888                      Last Visit Type seen
295 MAR_ST   Num   8 2352 MARSTAT.    4.       marital status
361 MAXDATE  Num   8 2880 MMDDYY8.             Maximum follow-up date
 62 MAXINTER Num   8  488                      max interval between
                                               voids on single day
254 MAXVMAXB Num   8 2024                      max vol over 3 days--baseline
 53 MAXVMAXC Num   8  416 VOLMAX.              ordinal level of MAXV_MAX
 20 MAXV_MAX Num   8  152                      maximum volume over 3 days (cc)
363 MAX_FUP  Num   8 2896                      maximum follow-up (TIMESEEN grouped)
229 MCS      Num   8 1824                      SF36: Mental component score
225 MENTAL   Num   8 1792                      Standardized Mental Health Scale
256 MINVMINB Num   8 2040                      min vol over 3 days--baseline
 51 MINVMINC Num   8  400 VOLMIN.              ordinal level of MINV_MIN
 22 MINV_MIN Num   8  168                      minimum volume over 3 days (cc)
367 MISSTIME Num   8 2928                      POSS_FUP - LSTVTYPE
265 MNVMINCB Num   8 2112 VOLMIN.              min vol over 3 days--baseline
348 MOD_CRIT Num   8 2776 INCL.                Baseline PUF Score -- Moderate Criteria
267 MXVMAXCB Num   8 2128 VOLMAX.              max vol over 3 days--baseline
 57 NGT_TOT  Num   8  448                      # of nighttime voids/24 hr day
 42 NOCT4_7  Num   8  328 NOCT3ORD.            ordinal level of AVG_NOCT
 35 NOCTORD2 Num   8  272 ORD2F.               ordinal level ov AVGNOCT
 36 NOCTORD3 Num   8  280 ORD3F.               ordinal level ov AVGNOCT
 40 NOCTORD4 Num   8  312                      midpoint of intervals of NOCTORD3
 33 NOCTSTAR Num   8  256 NOCT.                ordinal level of AVG_STAR
 32 NOCTURIA Num   8  248 NOCT.                present/absent (based on AVG_NOCT)
 34 NOCT_ORD Num   8  264 NITE.                ordinal level of AVG_NOCT
102 NO_VIOL  Num   8  808                      Number of voiding log violations
360 NUMDATES Num   8 2872                      total # of dates seen
 76 NUMINTER Num   8  600                      total # of voiding intervals
359 NUMVISIT Num   8 2864                      total # of visits seen
```

The CONTENTS Procedure

-----Alphabetic List of Variables and Attributes-----

```
  # Variable Type Len  Pos Format    Informat Label
-------------------------------------------------------------------------
 77 N_SHORT  Num   8  608                      total # of voiding ints < 0.5 hr
340 ONSETBIN Num   8 2712 AGEON.               age at onset of urinary sympts: binary
304 PARTNER  Num   8 2424 ALNFMT.              partner status
228 PCS      Num   8 1816                      SF36: Physical component score
220 PHYSICAL Num   8 1752                      Standardized Physical Scale
365 POSS_FUP Num   8 2912                      Possible Follow-up (months)
221 PROLE    Num   8 1760                      Standardized Role Func.
                                               - Physical Scale
329 PR_4     Num   8 2624 YNU.      4.         cystoscopy - y/n
331 PR_5     Num   8 2640 YNU.      4.         hydrodistension - y/n
333 PR_6     Num   8 2656 YNU.      4.         bladder biopsy - y/n
330 PR_4A    Num   8 2632 NAU.      4.         cystoscopy - result
332 PR_5A    Num   8 2648 NAU.      4.         hydrodistension - result
334 PR_6A    Num   8 2664 NAU.      4.         bladder biopsy - result
372 PURG1C3  Num   8 2968 SEVFMT.              ordinal level of PURG_1 (pain)
373 PURG1C4  Num   8 2976 PURG.                ordinal level of PURG_1 (pain)
352 PURG1C3B Num   8 2808 SEVFMT.              baseline pain score -- 3 levels
353 PURG1C4B Num   8 2816 PURG.                baseline pain score -- 4 levels
374 PURG2C3  Num   8 2984 SEVFMT.              ordinal level of PURG_2 (urgency)
375 PURG2C4  Num   8 2992 PURG.                ordinal level of PURG_2 (urgency)
354 PURG2C3B Num   8 2824 SEVFMT.              baseline urgency score -- 3 levels
355 PURG2C4B Num   8 2832 PURG.                baseline urgency score -- 4 levels
105 PURGFORM Num   8  832                      PURG record (1=yes)
103 PURG_1   Num   8  816 4.        4.         pain score over last 4 weeks
104 PURG_2   Num   8  824 4.        4.         urgency score over last 4 weeks
350 PURG_1B  Num   8 2792                      baseline pain score (0 - 9)
351 PURG_2B  Num   8 2800                      baseline urgency score (0 - 9)
343 P_SCORE  Num   8 2736 PURG.                baseline pain score
230 QULFORM  Num   8 1832                      Quality of Life Record (1=yes)
292 RACE     Num   8 2328 RACE_CD.  4.         race
325 REINDATE Num   8 2592 MMDDYY8.  MMDDYY8.   Visit date at reinstatement
326 REINREAS Num   8 2600 4.        4.         Reinstatement reason
324 REINTYPE Num   8 2584 4.        4.         Visit type at reinstatement
294 RELIG    Num   8 2344 RELIG_CD. 4.         religion
300 SCRDATE  Num   8 2392 MMDDYY8.  MMDDYY8.   screening sign off date
356 SCRTIME  Num   8 2840                      # days to complete baseline screening
347 SEVERITY Num   8 2768 SEVFMT.              severity of symptoms at baseline
349 SEV_CRIT Num   8 2784 INCL.                Baseline PUF Score -- Severe Criteria
289 SEX      Num   8 2304 SEX.      4.         sex
 78 SHORT    Num   8  616 SHORT.               ordinal level of n_short
 79 SHORT3   Num   8  624 SHORT3S.             ordinal level of n_short
305 SHX_1    Num   8 2432 4.        4.         age at onset of urinary symptoms
306 SHX_2    Num   8 2440 YN.       4.         previously diagnosed with IC?
223 SOCIAL   Num   8 1776                      Standardized Social Scale
 80 STAR     Num   8  632 NOCT.                void during nighttime (yn)
 81 STAR4_7  Num   8  640 NOCT3ORD.            number of starred voids/24 hr
 38 STARORD2 Num   8  296 ORD2F.               ordinal level of AVGSTAR
 39 STARORD3 Num   8  304 ORD3F.               ordinal level of AVGSTAR
 41 STARORD4 Num   8  320                      midpoint of intervals of STARORD4
 37 STAR_ORD Num   8  288 NOCT5ORD.            ordinal level of AVG_STAR
290 STATE    Num   8 2312 STATE_CD. 6.         state of birth
  1 SUBJ     Num   8    0 11.       11.        subj
327 SURV_8   Num   8 2608 HLTHYEAR. 6.         rating of urinary symptoms now
328 SURV_9   Num   8 2616 HLTHYEAR. 6.         rating of general health now
219 SYMPFORM Num   8 1744                      SYMPTS record (1=yes)
106 SYM_1    Num   8  840 SYMPTSEV. 4.         severity of urinary symptoms
116 SYM_3    Num   8  920 FREQPRD.  4.         frequency- awake period
117 SYM_4    Num   8  928 FREQNITE. 4.         frequency - awakened at night
118 SYM_5    Num   8  936 FREQPRD.  4.         frequency - 24 hour period
```

```
                          The SAS System   10:13 Thursday, February 17, 2005

                            The CONTENTS Procedure

                  -----Alphabetic List of Variables and Attributes-----


    #  Variable Type Len   Pos Format      Informat Label
  ----------------------------------------------------------------------------
  119 SYM_6     Num    8   944 YN.         4.       pain/discomfort due to symptoms
  120 SYM_7     Num    8   952 YN.         4.       pain/discomfort in urethra
  131 SYM_8     Num    8  1040 YN.         4.       pain/discomfort in lower back
  142 SYM_9     Num    8  1128 YN.         4.       pain/discomfort in lower abdomen
  153 SYM_10    Num    8  1216 YN.         4.       pain/discomfort in rectum
  164 SYM_11    Num    8  1304 YN.         4.       pain/discomfort in vagina
  175 SYM_12    Num    8  1392 YN.         4.       pain/discomfort in perineum
  186 SYM_13    Num    8  1480 YN.         4.       pain/discomfort in other area
  204 SYM_15    Num    8  1624 YNU.        4.       symptoms related to time of day
  205 SYM_16    Num    8  1632 YNU.        4.       symptoms related to eating a meal
  211 SYM_18    Num    8  1680 YNU.        4.       symptoms worsened by constipation
  212 SYM_19    Num    8  1688 SEXFREQ.    4.       frequency of sexual activity
  213 SYM_20    Num    8  1696 SXPAINFQ.   4.       pain/discomfort with sexual activity
  214 SYM_21    Num    8  1704 SXPAINFQ.   4.       frequency of pain/discomfort
                                                    with orgasm
  215 SYM_22    Num    8  1712 SXPAINTM.   4.       beginning of pain with sexual activity
  216 SYM_23    Num    8  1720 YN.         4.       avoid sexual activity due to symptoms
  217 SYM_24    Num    8  1728 YN.         4.       currently menstruate
  154 SYM_10A1  Num    8  1224 YN.         4.       dull pain: rectum
  155 SYM_10A2  Num    8  1232 YN.         4.       aching pain: rectum
  156 SYM_10A3  Num    8  1240 YN.         4.       bloating pain:  rectum
  157 SYM_10A4  Num    8  1248 YN.         4.       pressure pain: rectum
  158 SYM_10A5  Num    8  1256 YN.         4.       stabbing pain: rectum
  159 SYM_10A6  Num    8  1264 YN.         4.       sharp pain: rectum
  160 SYM_10A7  Num    8  1272 YN.         4.       spasm pain: rectum
  161 SYM_10A8  Num    8  1280 YN.         4.       burning pain: rectum
  162 SYM_10B   Num    8  1288 PERSIST.    4.       persistence of pain: rectum
  163 SYM_10C   Num    8  1296 INTENSE.    4.       intensity of pain: rectum
  165 SYM_11A1  Num    8  1312 YN.         4.       dull pain: vagina
  166 SYM_11A2  Num    8  1320 YN.         4.       aching pain: vagina
  167 SYM_11A3  Num    8  1328 YN.         4.       bloating pain:  vagina
  168 SYM_11A4  Num    8  1336 YN.         4.       pressure pain: vagina
  169 SYM_11A5  Num    8  1344 YN.         4.       stabbing pain: vagina
  170 SYM_11A6  Num    8  1352 YN.         4.       sharp pain: vagina
  171 SYM_11A7  Num    8  1360 YN.         4.       spasm pain: vagina
  172 SYM_11A8  Num    8  1368 YN.         4.       burning pain: vagina
  173 SYM_11B   Num    8  1376 PERSIST.    4.       persistence of pain: vagina
  174 SYM_11C   Num    8  1384 INTENSE.    4.       intensity of pain: vagina
  176 SYM_12A1  Num    8  1400 YN.         4.       dull pain: perineum
  177 SYM_12A2  Num    8  1408 YN.         4.       aching pain: perineum
  178 SYM_12A3  Num    8  1416 YN.         4.       bloating pain:  perineum
  179 SYM_12A4  Num    8  1424 YN.         4.       pressure pain: perineum
  180 SYM_12A5  Num    8  1432 YN.         4.       stabbing pain: perineum
  181 SYM_12A6  Num    8  1440 YN.         4.       sharp pain: perineum
  182 SYM_12A7  Num    8  1448 YN.         4.       spasm pain: perineum
  183 SYM_12A8  Num    8  1456 YN.         4.       burning pain: perineum
  184 SYM_12B   Num    8  1464 PERSIST.    4.       persistence of pain: perineum
  185 SYM_12C   Num    8  1472 INTENSE.    4.       intensity of pain: perineum
  188 SYM_13A1  Num    8  1496 YN.         4.       dull pain: other area
  189 SYM_13A2  Num    8  1504 YN.         4.       aching pain: other area
  190 SYM_13A3  Num    8  1512 YN.         4.       bloating pain:  other area
  191 SYM_13A4  Num    8  1520 YN.         4.       pressure pain: other area
  192 SYM_13A5  Num    8  1528 YN.         4.       stabbing pain: other area
  193 SYM_13A6  Num    8  1536 YN.         4.       sharp pain: other area
  194 SYM_13A7  Num    8  1544 YN.         4.       spasm pain: other area
  195 SYM_13A8  Num    8  1552 YN.         4.       burning pain: other area
  196 SYM_13B   Num    8  1560 PERSIST.    4.       persistence of pain: other area
  197 SYM_13C   Num    8  1568 INTENSE.    4.       intensity of pain: other area
  187 SYM_13CD  Num    8  1488 PNLOC_CD.   6.       location of other pain/discomfort
```

```
                          The SAS System   10:13 Thursday, February 17, 2005

                            The CONTENTS Procedure

                  -----Alphabetic List of Variables and Attributes-----


   # Variable Type Len  Pos Format    Informat Label
-----------------------------------------------------------------------------
 198 SYM_14A  Num   8 1576 STRENGTH. 4.       intensty of pain now
 199 SYM_14B  Num   8 1584 STRENGTH. 4.       intensity of pain at its worst
 200 SYM_14C  Num   8 1592 STRENGTH. 4.       intensity of pain at its least
 201 SYM_14D  Num   8 1600 STRENGTH. 4.       pain of worst toothache
 202 SYM_14E  Num   8 1608 STRENGTH. 4.       pain of worst headache
 203 SYM_14F  Num   8 1616 STRENGTH. 4.       pain of worst stomachache
 206 SYM_17A  Num   8 1640 WBNR.     4.       symptoms when lying down
 207 SYM_17B  Num   8 1648 WBNR.     4.       symptoms when sitting
 208 SYM_17C  Num   8 1656 WBNR.     4.       symptoms when sitting w/ feet elevated
 209 SYM_17D  Num   8 1664 WBNR.     4.       symptoms when standing
 210 SYM_17E  Num   8 1672 WBNR.     4.       symptoms when walking
 218 SYM_24A  Num   8 1736 MENTSYM.  4.       symptoms related to menstrual cycle
 107 SYM_2A   Num   8  848 OFTEN.    4.       urge to urinate - wet yourself
 108 SYM_2B   Num   8  856 OFTEN.    4.       urge to urinate - unable to bear it
 109 SYM_2C   Num   8  864 OFTEN.    4.       difficulty in starting urine stream
 110 SYM_2D   Num   8  872 OFTEN.    4.       visible blood in urine stream
 111 SYM_2E   Num   8  880 OFTEN.    4.       burning pain during urination
 112 SYM_2F   Num   8  888 OFTEN.    4.       urine loss- cough/sneeze/activity
 113 SYM_2G   Num   8  896 OFTEN.    4.       urine loss- can't reach bathroom
 114 SYM_2H   Num   8  904 OFTEN.    4.       pain increase as bladder fills
 115 SYM_2I   Num   8  912 OFTEN.    4.       pain relieved by urination
 121 SYM_7A1  Num   8  960 YN.       4.       dull pain: urethra
 122 SYM_7A2  Num   8  968 YN.       4.       aching pain: urethra
 123 SYM_7A3  Num   8  976 YN.       4.       bloating pain:  urethra
 124 SYM_7A4  Num   8  984 YN.       4.       pressure pain: urethra
 125 SYM_7A5  Num   8  992 YN.       4.       stabbing pain: urethra
 126 SYM_7A6  Num   8 1000 YN.       4.       sharp pain: urethra
 127 SYM_7A7  Num   8 1008 YN.       4.       spasm pain: urethra
 128 SYM_7A8  Num   8 1016 YN.       4.       burning pain: urethra
 129 SYM_7B   Num   8 1024 PERSIST.  4.       persistence of pain: urethra
 130 SYM_7C   Num   8 1032 INTENSE.  4.       intensity of pain: urethra
 132 SYM_8A1  Num   8 1048 YN.       4.       dull pain: lower back
 133 SYM_8A2  Num   8 1056 YN.       4.       aching pain: lower back
 134 SYM_8A3  Num   8 1064 YN.       4.       bloating pain:  lower back
 135 SYM_8A4  Num   8 1072 YN.       4.       pressure pain: lower back
 136 SYM_8A5  Num   8 1080 YN.       4.       stabbing pain: lower back
 137 SYM_8A6  Num   8 1088 YN.       4.       sharp pain: lower back
 138 SYM_8A7  Num   8 1096 YN.       4.       spasm pain: lower back
 139 SYM_8A8  Num   8 1104 YN.       4.       burning pain: lower back
 140 SYM_8B   Num   8 1112 PERSIST.  4.       persistence of pain: lower back
 141 SYM_8C   Num   8 1120 INTENSE.  4.       intensity of pain: lower back
 143 SYM_9A1  Num   8 1136 YN.       4.       dull pain: lower abdomen
 144 SYM_9A2  Num   8 1144 YN.       4.       aching pain: lower abdomen
 145 SYM_9A3  Num   8 1152 YN.       4.       bloating pain:  lower abdomen
 146 SYM_9A4  Num   8 1160 YN.       4.       pressure pain: lower abdomen
 147 SYM_9A5  Num   8 1168 YN.       4.       stabbing pain: lower abdomen
 148 SYM_9A6  Num   8 1176 YN.       4.       sharp pain: lower abdomen
 149 SYM_9A7  Num   8 1184 YN.       4.       spasm pain: lower abdomen
 150 SYM_9A8  Num   8 1192 YN.       4.       burning pain: lower abdomen
 151 SYM_9B   Num   8 1200 PERSIST.  4.       persistence of pain: lower abdomen
 152 SYM_9C   Num   8 1208 INTENSE.  4.       intensity of pain: lower abdomen
 358 TIMESEEN Num   8 2856                    time since first seen (months)
  13 TOT_NOCT Num   8   96                    total number of nocturnal voids
  15 TOT_STAR Num   8  112                    total number of starred voids
 346 T_SCORE  Num   8 2760                    total score (puf)
 316 UROD7BIN Num   8 2520 VMCCF.             (UROD_7 < 100) or (UROD_7 => 100)
 315 UROD7CAT Num   8 2512 VOL2F.             volume at first sensation to void
 318 UROD9BIN Num   8 2536 VMCCFMT.           (VMCC < 200) or (VMCC => 200)
 317 UROD9CAT Num   8 2528 URFMT.             maximum bladder capacity
```

```
                        The SAS System   10:13 Thursday, February 17, 2005

                            The CONTENTS Procedure

                  -----Alphabetic List of Variables and Attributes-----


     # Variable Type Len  Pos Format     Informat Label
    -------------------------------------------------------------------------
   311 URODDATE Num   8 2480 MMDDYY8.  MMDDYY8. date of baseline Urodynamic Evaluation
   312 UROD_7   Num   8 2488 8.3       8.3      volume at first sensation
   313 UROD_9   Num   8 2496 8.3       8.3      volume at maximal capacity
   314 UROD_11  Num   8 2504 PA.       4.       involuntary bladder contractions (y/n)
   344 U_SCORE  Num   8 2744 PURG.              baseline urinary urgency score
    86 VF24C3   Num   8  680 VF24C3F.           ordinal level of VF_24 -- 3 levels
    87 VF24C4   Num   8  688 VF24C4F.           ordinal level of VF_24 -- 4 levels
   278 VF24C3B  Num   8 2216 VF24C3F.           Day 1 # voids/24hr. day--baseline
   279 VF24C4B  Num   8 2224 VF24C4F.           Day 1 # voids/24hr. day--baseline
   277 VFNOCTB3 Num   8 2208 VFNOCTF.           Day 1 # nocturnal voids--baseline
   276 VFNOCTB4 Num   8 2200 VFNOCT.            Day 1 # nocturnal voids--baseline
    85 VFNOCTC3 Num   8  672 VFNOCTF.           ordinal level of VF_NOCT -- 3 levels
    84 VFNOCTC4 Num   8  664 VFNOCT.            ordinal level of VF_NOCT -- 4 levels
    55 VF_24    Num   8  432                    # voids per 24 hr day
   269 VF_24B   Num   8 2144                    Day 1 # voids/24hr. day--baseline
    75 VF_AWAKE Num   8  592                    total # of non-nocturnal voids
    56 VF_NOCT  Num   8  440                    # nocturnal voids per 24 hr day
   270 VF_NOCTB Num   8 2152                    Day 1 # nocturnal voids--baseline
   376 VIS_TYPE Num   8 3000 VISTYPE.           Visit Type: Phone or Contact
   226 VITALITY Num   8 1800                    Standardized Vitality Scale
   368 VLOG1    Num   8 2936 VLOG1F.            ordinal level of AVGVF_24
   369 VLOG2    Num   8 2944 VLOG2F.            ordinal level of AVGVF_24
   370 VLOG3    Num   8 2952 VLOG3F.            ordinal level of AVGVG_24
   371 VLOG4    Num   8 2960 VLOG3F.            ordinal level of AVG_AWAK
   101 VLVIOL   Num   8  800                    Voiding Log violation
   287 VLVIOL5B Num   8 2288                    Log > Cysto at baseline visit
   286 VLVIOL6B Num   8 2280                    Log < (urod+7) at baseline visit
    96 VLVIOL_2 Num   8  760                    Number of weekend days
    98 VLVIOL_3 Num   8  776                    Non-consec. days
    97 VLVIOL_4 Num   8  768                    Missing dates
   100 VLVIOL_5 Num   8  792                    Log > cysto
    99 VLVIOL_6 Num   8  784                    Log < (urod+7)
    95 VOIDFORM Num   8  752                    Voiding Log record (1=yes)
    89 VOLMAXC  Num   8  704 VOLMAX.            ordinal level of VOL_MAX
   281 VOLMAXCB Num   8 2240 VOLMAX.            Day 1 max vol on single void--baseline
    88 VOLMINC  Num   8  696 VOLMIN.            ordinal level of VOL_MIN
   280 VOLMINCB Num   8 2232 VOLMIN.            Day 1 min vol on single void--baseline
    64 VOL_AVG  Num   8  504                    average volume for each 24 hr day
   271 VOL_AVGB Num   8 2160                    Day 1 mean volume per subject--baseline
    65 VOL_MAX  Num   8  512                    maximum volume for each 24 hr day
   272 VOL_MAXB Num   8 2168                    Day 1 max vol on single void--baseline
    66 VOL_MIN  Num   8  520                    minimum volume for each 24 hr day
   273 VOL_MINB Num   8 2176                    Day 1 min vol on single void--baseline
    63 VOL_TOT  Num   8  496                    total volume for each 24 hr day
   282 VPURG1B3 Num   8 2248 SEVFMT.            Day 1 pain score from
                                                void log--baseline
   283 VPURG1B4 Num   8 2256 PURG.              Day 1 pain score from
                                                void log--baseline
    90 VPURG1C3 Num   8  712 SEVFMT.            ordinal level of VPURG_1 (pain)
    91 VPURG1C4 Num   8  720 PURG.              ordinal level of VPURG_1 (pain)
   284 VPURG2B3 Num   8 2264 SEVFMT.            Day 1 urgency score void log--baseline
   285 VPURG2B4 Num   8 2272 PURG.              Day 1 urgency score void log--baseline
    92 VPURG2C3 Num   8  728 SEVFMT.            ordinal level of VPURG_2 (urgency)
    93 VPURG2C4 Num   8  736 PURG.              ordinal level of VPURG_2 (urgency)
    82 VPURG_1  Num   8  648 4.        4.       pain score from voiding log
    83 VPURG_2  Num   8  656 4.        4.       urgency score from voiding log
   274 VPURG_1B Num   8 2184 4.        4.       Day 1 pain score from
                                                void log--baseline
   275 VPURG_2B Num   8 2192 4.        4.       Day 1 urgency score void log--baseline
```

```
                          The SAS System   10:13 Thursday, February 17, 2005

                          The CONTENTS Procedure

                -----Alphabetic List of Variables and Attributes-----

   # Variable Type Len  Pos Format      Informat Label
  ---------------------------------------------------------------------------
  71 V_50     Num    8  560                      total # of volumes > 50 cc
  72 V_100    Num    8  568                      total # of volumes > 100 cc
  73 V_200    Num    8  576                      total # of volumes > 200 cc
  74 V_300    Num    8  584                      total # of volumes > 300 cc
  94 V_DATE   Num    8  744 MMDDYY8.    MMDDYY8. v_date
   2 V_TYPE   Num    8    8 4.          4.       v_type
 322 WITHDATE Num    8 2568 MMDDYY8.    MMDDYY8. Visit date at withdrawal
 323 WITHREAS Num    8 2576 WITH_CD.    4.       Withdrawal reason
 321 WITHTYPE Num    8 2560 4.          4.       Visit type at withdrawal
```

VII.   Format Library

/formats
<u>formats.sas7bcat</u> – contains all SAS formats for all datasets.
<u>formats.sas</u> – SAS program which creates format library.