

YEAR 8 KNEE AND HIP PAIN DATA

(Y8KneeHip)

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YEAR 8 KNEE AND HIP PAIN DATA

(Y8KneeHip)

1. General description

The Y8KneeHip dataset contains data from the Knee and Pain Interview Eligibility Assessment, the Knee and Hip Pain Interview, the Hip X-Ray Tracking Form and the Hip X-Ray Reading Form.

There are 787 observations in the Y8KneeHip file. The demographic breakdown of participants in this dataset is as follows:

African-American Female	203
African-American Male	93
White Female	266
White Male	225
Memphis Participants	459
Pittsburgh Participants	328

2. Cross reference of dataset names with exact source

A complete list of variable names for the Y8KneeHip dataset can be found in Contents.lst (Appendix VII). Variable names can also be found on the annotated forms (Appendices I-IV). Two participants (1033 and 5326) had two hip x-rays and hip x-ray reading forms, so the variables listed on the annotated hip x-ray reading form have been modified to reflect whether the data was from the first or second hip x-ray. Variables ending with the number 1 (HKHXYVIS1) pertain to the first hip x-ray and variables ending with the number 2 (HKHXYVIS2) pertain to the second hip x-ray. These and other alternate variables are listed in Dropped Variables and Alternates (Appendix V). Please note that not all variables on the forms are contained in the datasets and those which have been dropped are listed in Dropped Variables and Alternates (Appendix V).

3. Dataset structure and contents

The Y8KneeHip file contains one observation per participant.

Key variables:

HABCID	HABC Enrollment ID without the 2-letter prefix
SITE	HABC Clinic site: 1=Memphis; 2=Pittsburgh

4. Condition of data

- a. Known data errors:** None at this time.
- b. Strengths and weaknesses of dataset items:** None at this time.
- c. Missing Value Conventions:** See Special Missing Value Codes (below) for special missing value codes applied.

5. Dataset index formulation and key variable mapping

The Y8KneeHip file is sorted by HABCID, which is a unique identifier for each participant.

6. General strategies for manipulating and merging the data

Because the Health ABC datasets are sorted by Health ABC Enrollment ID, the HABCID variable is most useful for merging with other datasets.

7. Special missing value codes

SAS allows for stratification of missing values. The following missing values have been assigned:

- . = 'Missing Form'
- .A = 'A:Not Applicable'
- .E = 'E:Recoded to Missing'
- .F = 'F:Variable Missing from Form'
- .L = 'L:Permanently Lost'
- .M = 'M:Missing'
- .N = 'N:Not Required'
- .T = 'T:Missing Due to Technical Problems' (reading center data only)
- .U = 'Unacceptable'

Description

. : Missing Form

Used when a value is missing because the entire form has not been entered.

A: Not Applicable

Used when a value is missing but the value is not required (due to simple skip pattern logic)

E: Recoded to Missing

Used to flag that a value was entered originally but should not have been (due to a skip pattern logic error) and that the value has been recoded to missing

F: Variable Missing from Form

Used to flag a variable that was not originally on the form (form was revised during the visit year) and therefore there is no value for this participant

L: Permanently Lost

Used to flag a tracking variable when a measurement involving a Reading Center was done, but the data either never made it to the Reading Center, or was lost at the Reading Center. A list of lost measurements, along with a brief description of what happened, can be found in Appendix I of the Reading Center Dataset documentation). Every effort was made to track down these data before they were declared "permanently lost" and the flag assigned.

M:Missing

Used to flag missing values when the value is required (i.e., true missing values).

N:Not Required

Used when a value is missing but the value is not required (not due to simple skip pattern logic). For example, for checkbox variables which are "Check all that apply" each one, individually, is not required. In these cases, a summary calculated variable (not included on the dataset) was used to edit missing responses. Some variables whose skip pattern logic is non-standard (i.e., the skip pattern involves several variables and forms) also have .N flags when missing, whether or not a response was required due to the skip pattern.

T:Missing Due to Technical Problems

Used when a value is missing from the Reading Center dataset due to technical difficulties. An explanation of when this value has been assigned can be found under Strengths and Weaknesses of (Reading Center) dataset items for each Reading Center (Reading Center data documentation; Substudy documentation).

U:Unacceptable

Used with certain Reading Center data when the data exist but cannot be used., for example, DXA data when the whole scan has been reviewed as unacceptable

General Strategies for Using Special Missing Values

In SAS, when using special missing values in logical expressions, the missing value is no longer only equal to '.' To express a value equal to missing, the code should be written: <= .z or alternately: le .z

To express a value not equal to missing, the code should be written >.z or alternately: gt .z. .Z is the greatest value of missing available in SAS.

8. Dropped Variables

A number of variables appear on the annotated forms but will not be found in the datasets. These variables are listed in Appendix V. There are several reasons why variables were dropped:

1. Participant confidentiality: identifying information such as participant name, acrostic, address, telephone number, etc. are omitted from the analysis file. All participants are instead identified by the HABC Enrollment ID# (HABCID).
2. Bookkeeping variables: a number of variables were put on the forms merely for bookkeeping purposes and are extremely unlikely to be useful for analysis. If an investigator notices that such a variable has been dropped and believes it should not have been, s/he should feel free to contact the Coordinating Center (attn: Lynn Harvey) and let us know that it should be included in future datasets.
3. Redundant variables: in many cases the same information was collected numerous times. We have made a special effort to clean up one version of each of these; and to avoid analysis using uncleaned data, the uncleaned version is omitted.

Appendix V lists the omitted variables in alphabetical order. There are two columns; the first, entitled "Variable omitted," lists the name of the variable not included in the dataset. The second column, entitled "Variable to use," lists the cleaned variable, for redundant variables, or the reason the variable was not included.

9. Listings

Contents List (Contents.lst)

This is an electronic copy of the SAS proc contents for all SAS datasets included in this data release. This list can be used to view the contents of each dataset and to search for variable names, descriptions, and formats. The Contents are also available in the on-line documentation (see Proc Contents for all Datasets).

Formats listing (Formats.lst)

This is an electronic copy of a SAS printout of all formats contained in the SAS Formats Catalog and is useful for viewing descriptions assigned to variable values (e.g.: 1=White, 2=Black).

Frequencies and univariates (FreqsUnivs.lst)

This is an electronic copy of a SAS printout of frequencies and univariates for all relevant numeric variables.

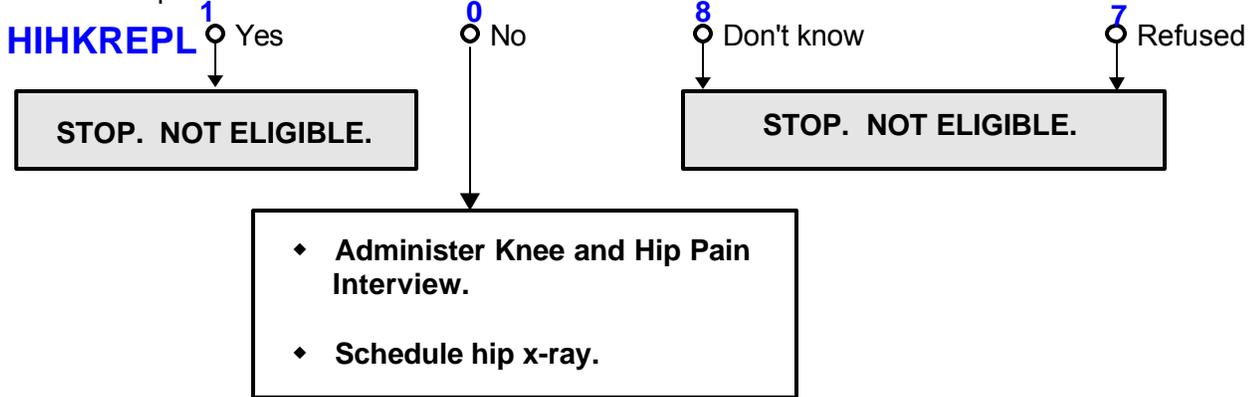
HABC Enrollment ID #	Acrostic
H	

HIID

HIACROS

KNEE AND HIP PAIN INTERVIEW ELIGIBILITY ASSESSMENT

5. Have you ever had a hip replacement or a knee replacement surgery where all or part of your joint was replaced?



Appendix II



HABC Enrollment ID #	Acrostic	Date Form Completed	Staff ID #
H [] [] [] []	[] [] [] []	[] / [] / [] [] [] [] Month / Day / Year	[] [] []
H2ID	H2ACROS	H2DATE	H2STFID

KNEE AND HIP PAIN INTERVIEW

(Examiner Note: Refer to Data from Prior Visits Report to see if the participant reported having hip pain only or both hip and knee pain in order to properly phrase questions with [hip][knee] in brackets.)

The following questions concern the amount of pain you have experienced due to arthritis in your [hip][knee] in the last 7 days. Please tell me how much pain (none, mild, moderate, severe, or extreme) you have had when doing each of the following activities in the last 7 days.

1. How much pain have you had . . . ?
(Examiner Note: Read response options. REQUIRED - Show Card A.)

a. When walking on a flat surface?	H2AJHKFS
<input type="radio"/> None <input type="radio"/> Mild <input type="radio"/> Moderate <input type="radio"/> Severe <input type="radio"/> Extreme <input type="radio"/> Don't know <input type="radio"/> Refused	0 1 2 3 4 8 7
b. When going up or down stairs?	H2AJHKST
<input type="radio"/> None <input type="radio"/> Mild <input type="radio"/> Moderate <input type="radio"/> Severe <input type="radio"/> Extreme <input type="radio"/> Don't know <input type="radio"/> Refused <input type="radio"/> Don't do	0 1 2 3 4 8 7 9
c. At night while in bed (that is, pain that disturbs your sleep)?	H2AJHKBD
<input type="radio"/> None <input type="radio"/> Mild <input type="radio"/> Moderate <input type="radio"/> Severe <input type="radio"/> Extreme <input type="radio"/> Don't know <input type="radio"/> Refused	0 1 2 3 4 8 7
d. While sitting or lying down?	H2AJHKSL
<input type="radio"/> None <input type="radio"/> Mild <input type="radio"/> Moderate <input type="radio"/> Severe <input type="radio"/> Extreme <input type="radio"/> Don't know <input type="radio"/> Refused	0 1 2 3 4 8 7
e. While standing?	H2AJHKUP
<input type="radio"/> None <input type="radio"/> Mild <input type="radio"/> Moderate <input type="radio"/> Severe <input type="radio"/> Extreme <input type="radio"/> Don't know <input type="radio"/> Refused	0 1 2 3 4 8 7

2. How is your pain today? Would you say . . . ?
(Examiner Note: Read response options. REQUIRED - Show Card A.) **H2AJHKPN**

None Mild Moderate Severe Extreme Don't know Refused
0 1 2 3 4 8 7

3. Is your pain aggravated by the weather?
 Yes No Don't know Refused **H2AJAGWE**



HABC Enrollment ID #	Acrostic
H	

H3ID

H3ACROS

KNEE AND HIP PAIN INTERVIEW

The following questions are about the amount of stiffness you have in your [hip][knee]. By stiffness we mean a feeling of restriction or slowness when you move your [hip][knee]. For each question, indicate whether the stiffness is mild, moderate, severe, or extreme.

4. How severe has your stiffness been after you first woke up in the morning?
(Examiner Note: Read response options. REQUIRED - Show Card A.)

H3SSTFAM

None
 1 Mild
 2 Moderate
 3 Severe
 4 Extreme
 8 Don't know
 7 Refused

5. How severe has your stiffness been after sitting or lying down or while resting later in the day?
(Examiner Note: Read response options. REQUIRED - Show Card A.)

H3SSTFPM

None
 1 Mild
 2 Moderate
 3 Severe
 4 Extreme
 8 Don't know
 7 Refused

6. How severe is your stiffness today?
(Examiner Note: Read response options. REQUIRED - Show Card A.)

H3SSTFTY

None
 1 Mild
 2 Moderate
 3 Severe
 4 Extreme
 8 Don't know
 7 Refused

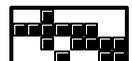
7. Is your stiffness aggravated by the weather?

1 Yes
 0 No
 8 Don't know
 7 Refused

The following questions concern your physical function. By this, we mean your ability to move around and to look after yourself. For each of the following activities, please let me know the degree of difficulty (none, mild, moderate, or extreme) you have experienced in the last 7 days due to your [hip][knee] pain.

8. How much difficulty have you had . . . ?
(Examiner Note: Read response options. REQUIRED - Show Card A.)

a. When going down the stairs?	H3DIFDS
<input type="radio"/> None <input checked="" type="radio"/> 1 Mild <input type="radio"/> 2 Moderate <input type="radio"/> 3 Severe <input type="radio"/> 4 Extreme <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused <input type="radio"/> 9 Don't do	
b. When going up the stairs?	H3DIFUS
<input type="radio"/> None <input checked="" type="radio"/> 1 Mild <input type="radio"/> 2 Moderate <input type="radio"/> 3 Severe <input type="radio"/> 4 Extreme <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused <input type="radio"/> 9 Don't do	
c. When getting up from a sitting position?	H3DIFUPS
<input type="radio"/> None <input checked="" type="radio"/> 1 Mild <input type="radio"/> 2 Moderate <input type="radio"/> 3 Severe <input type="radio"/> 4 Extreme <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused	
d. While standing?	H3DIFSTA
<input type="radio"/> None <input checked="" type="radio"/> 1 Mild <input type="radio"/> 2 Moderate <input type="radio"/> 3 Severe <input type="radio"/> 4 Extreme <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused	



HABC Enrollment ID #	Acrostic
H <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

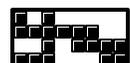
H4ID

H4ACROS

KNEE AND HIP PAIN INTERVIEW

How much difficulty have you had . . . ?

e. When bending to the floor?	H4DIFBND
<input type="radio"/> 0 None <input type="radio"/> 1 Mild <input type="radio"/> 2 Moderate <input type="radio"/> 3 Severe <input type="radio"/> 4 Extreme <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused <input type="radio"/> 9 Don't do	
f. When walking on a flat surface?	H4DIFWFS
<input type="radio"/> 0 None <input type="radio"/> 1 Mild <input type="radio"/> 2 Moderate <input type="radio"/> 3 Severe <input type="radio"/> 4 Extreme <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused	
g. Getting in or out of a car, or getting on or off a bus?	H4DIFIOC
<input type="radio"/> 0 None <input type="radio"/> 1 Mild <input type="radio"/> 2 Moderate <input type="radio"/> 3 Severe <input type="radio"/> 4 Extreme <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused	
h. While going shopping?	H4DIFSHP
<input type="radio"/> 0 None <input type="radio"/> 1 Mild <input type="radio"/> 2 Moderate <input type="radio"/> 3 Severe <input type="radio"/> 4 Extreme <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused <input type="radio"/> 9 Don't do	
i. When putting on your socks or panty hose or stockings?	H4DIFSOC
<input type="radio"/> 0 None <input type="radio"/> 1 Mild <input type="radio"/> 2 Moderate <input type="radio"/> 3 Severe <input type="radio"/> 4 Extreme <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused	
j. When getting out of bed?	H4DIFOBD
<input type="radio"/> 0 None <input type="radio"/> 1 Mild <input type="radio"/> 2 Moderate <input type="radio"/> 3 Severe <input type="radio"/> 4 Extreme <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused	
k. When taking off your socks or panty hose or stockings?	H4DIFOFF
<input type="radio"/> 0 None <input type="radio"/> 1 Mild <input type="radio"/> 2 Moderate <input type="radio"/> 3 Severe <input type="radio"/> 4 Extreme <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused	
l. While lying in bed?	H4DIFLYB
<input type="radio"/> 0 None <input type="radio"/> 1 Mild <input type="radio"/> 2 Moderate <input type="radio"/> 3 Severe <input type="radio"/> 4 Extreme <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused	
m. When getting in or out of the bathtub?	H4DIFTUB
<input type="radio"/> 0 None <input type="radio"/> 1 Mild <input type="radio"/> 2 Moderate <input type="radio"/> 3 Severe <input type="radio"/> 4 Extreme <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused <input type="radio"/> 9 Don't do	
n. While sitting?	H4DIFSIT
<input type="radio"/> 0 None <input type="radio"/> 1 Mild <input type="radio"/> 2 Moderate <input type="radio"/> 3 Severe <input type="radio"/> 4 Extreme <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused	
o. When getting on or off the toilet?	H4DIFTOI
<input type="radio"/> 0 None <input type="radio"/> 1 Mild <input type="radio"/> 2 Moderate <input type="radio"/> 3 Severe <input type="radio"/> 4 Extreme <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused	



HABC Enrollment ID #	Acrostic
H <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
H5ID	H5ACROS

KNEE AND HIP PAIN INTERVIEW

How much difficulty have you had . . . ?

p. While doing heavy household chores?

H5DIFHCH

- 0** None
 1 Mild
 2 Moderate
 3 Severe
 4 Extreme
 8 Don't know
 7 Refused
 9 Don't do

q. While doing light household chores?

H5DIFLCH

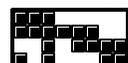
- 0** None
 1 Mild
 2 Moderate
 3 Severe
 4 Extreme
 8 Don't know
 7 Refused
 9 Don't do



KNEE AND HIP PAIN INTERVIEW

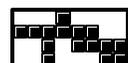
9. The following are some treatments patients with arthritis have sometimes used. For each treatment, tell me whether you *believe* the treatment is likely to be 1) very helpful, 2) somewhat helpful, or 3) not at all helpful.

	Very Helpful	Somewhat Helpful	Not At All Helpful	Don't Know	Refused
a. Aspirin H6HLPASP	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
b. Tylenol or Acetaminophen H6HLP TYL	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
c. Medicine prescribed by your doctor H6HLP PRX	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
d. Physical therapy H6HLP PT	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
e. Visiting a doctor H6HLP VDR	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
f. Acupuncture H6HLP ACU	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
g. Acupressure H6HLP APR	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
h. Biofeedback H6HLP BIO	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
i. Chelation therapy H6HLP CHE	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
j. Chiropractic care H6HLP CHI	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
k. Energy healing therapy or Reiki H6HLP REI	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
l. Folk medicine H6HLP FLK	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
m. Homeopathy/ homeopathic treatment H6HLP HOM	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>



KNEE AND HIP PAIN INTERVIEW

	Very Helpful	Somewhat Helpful	Not At All Helpful	Don't Know	Refused
n. Hypnosis H7HLPHYP	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 8	<input type="radio"/> 7
o. Massage H7HLPMAS	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 8	<input type="radio"/> 7
p. Naturopathy H7HLPNAT	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 8	<input type="radio"/> 7
q. Hip/knee replacement surgery H7HLPREP	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 8	<input type="radio"/> 7
r. Special food plan or diet, such as a vegetarian or low fat diet H7HLPSFD	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 8	<input type="radio"/> 7
s. Vitamins or minerals, such as selenium or vitamin C or D H7HLPVIT	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 8	<input type="radio"/> 7
t. Herbal medicine, such as Echinacea, ginger or garlic H7HLPHRB	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 8	<input type="radio"/> 7
u. Rubs, lotions, liniments, creams or oils H7HLPRUB	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 8	<input type="radio"/> 7
v. Copper bracelets or magnets H7HLPMAG	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 8	<input type="radio"/> 7
w. Health or special movement activity, such as Tai Chi, Yoga, Chi Gong or Pilates H7HLPMV	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 8	<input type="radio"/> 7
x. Relaxation or mind-body activities, such as meditation, deep breathing, or visualization H7HLPR LX	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 8	<input type="radio"/> 7
y. Spiritual activities, such as prayer, "laying on of hands", healing circles, or faith healing H7HLPFTH	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 8	<input type="radio"/> 7
z. Glucosamine and chondroitin H7HLPGLU	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 8	<input type="radio"/> 7
aa. Asking a friend or family member for advice H7HLPADV	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 8	<input type="radio"/> 7
bb. Cutting down on your activities H7HLPCUT	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 8	<input type="radio"/> 7

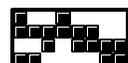


HABC Enrollment ID #					Acrostic				
H									
H8ID					H8ACROS				

KNEE AND HIP PAIN INTERVIEW

10. Have you ever tried any of the following treatments for your arthritis?

	Yes	No	Don't Know	Refused
a. Aspirin H8TRYASP	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
b. Tylenol or Acetaminophen H8TRYTYL	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
c. Medicine prescribed by your doctor H8TRYRX	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
d. Physical therapy H8TRYPT	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
e. Visiting a doctor H8TRYVDR	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
f. Acupuncture H8TRYACU	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
g. Acupressure H8TRYAPR	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
h. Biofeedback H8TRYBIO	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
i. Chelation therapy H8TRYCHE	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
j. Chiropractic care H8TRYCHI	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
k. Energy healing therapy or Reiki H8TRYREI	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
l. Folk medicine H8TRYFLK	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
m. Homeopathy/ homeopathic treatment H8TRYHOM	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>



KNEE AND HIP PAIN INTERVIEW

	Yes	No	Don't Know	Refused
n. Hypnosis	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
	H9TRYHYP			
o. Massage	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
	H9TRYMAS			
p. Naturopathy	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
	H9TRYNAT			
q. Hip/knee replacement surgery	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
	H9TRYREP			
r. Special food plan or diet, such as a vegetarian or low fat diet	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
	H9TRYSFD			
s. Vitamins or minerals, such as selenium or vitamin C or D	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
	H9TRYVIT			
t. Herbal medicine, such as Echinacea, ginger or garlic	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
	H9TRYHRB			
u. Rubs, lotions, liniments, creams or oils	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
	H9TRYRUB			
v. Copper bracelets or magnets	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
	H9TRYMAG			
w. Health or special movement activity, such as Tai Chi, Yoga, Chi Gong or Pilates	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
	H9TRYMV			
x. Relaxation or mind-body activities, such as meditation, deep breathing, or visualization	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
	H9TRYRLX			
y. Spiritual activities, such as prayer, "laying on of hands," healing circles, or faith healing	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
	H9TRYFTH			
z. Glucosamine and chondroitin	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
	H9TRYGLU			
aa. Asking a friend or family member for advice	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
	H9TRYADV			
bb. Cutting down on your activities	1 <input type="radio"/>	0 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
	H9TRYCUT			



HABC Enrollment ID #	Acrostic										
<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px; text-align: center;">H</td> <td style="width: 20px; height: 20px;"></td> </tr> </table>	H					<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> </tr> </table>					
H											
HAID	HAACROS										

11. Please indicate how much you agree with each of the following statements about your pain.
(Examiner Note: Read response options. REQUIRED. Show Card B.)

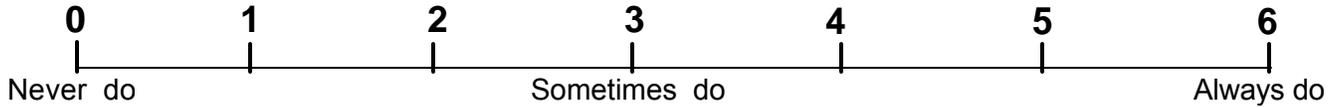
	This is very untrue for me	This is somewhat untrue for me	This is neither true nor untrue for me (or it does not apply to me.)	This is somewhat true for me	This is very true for me	Don't know	Refused
a. There is little I can do to ease my pain.	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
b. My pain does not stop me from leading a physically active life.	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
c. The pain I feel is a sign that damage is being done.	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
d. There is a connection between my emotions and my pain level.	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
e. I will probably always have to take pain medications.	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
f. When I am hurting, I deserve to be treated with care and concern.	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
g. I trust the doctors can cure my pain.	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
h. I have learned to control my pain.	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
i. My pain does not interfere with my activity level.	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
j. Exercise can decrease the amount of pain I experience.	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
k. Stress in my life increases the pain I feel.	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
l. I will never take pain medications again.	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
m. When I hurt, I want my family to treat me better.	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>
n. I do not expect a medical cure for my pain.	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	8 <input type="radio"/>	7 <input type="radio"/>



HABC Enrollment ID #	Acrostic
H	
HBID	HBACROS

KNEE AND HIP PAIN INTERVIEW

Individuals who experience pain have developed a number of ways to cope, or deal with their pain. Below is a list of things that people have reported doing when they feel pain. For each activity, please indicate, using the scale below, how much you engage in that activity when you feel pain, where a 0 indicates you never do that when you are experiencing pain, a 3 indicates you sometimes do that when you are experiencing pain, and a 6 indicates you always do it when you are experiencing pain. Please point to any number on this scale. **(Examiner Note: REQUIRED. Show Card C.)**



12. When I feel pain...	0	1	2	3	4	5	6	Don't know	Refused
a. I think of things I enjoy doing.	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 8 DK	<input type="radio"/> 7 Ref
b. I just think of it as some other sensation, such as numbness.	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 8 DK	<input type="radio"/> 7 Ref
c. It is terrible and I feel it is never going to get any better.	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 8 DK	<input type="radio"/> 7 Ref
d. I don't pay any attention to it.	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 8 DK	<input type="radio"/> 7 Ref
e. I pray for the pain to stop.	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 8 DK	<input type="radio"/> 7 Ref
f. I tell myself I can't let the pain stand in the way of what I have to do.	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 8 DK	<input type="radio"/> 7 Ref
g. I do something active, like household chores or projects.	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 8 DK	<input type="radio"/> 7 Ref
h. I replay in my mind pleasant experiences in the past.	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 8 DK	<input type="radio"/> 7 Ref
i. I pretend it is not a part of me.	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 8 DK	<input type="radio"/> 7 Ref
j. I feel I can't stand it anymore.	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 8 DK	<input type="radio"/> 7 Ref
k. I ignore it.	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 8 DK	<input type="radio"/> 7 Ref
l. I try to think years ahead, what everything will be like after I've gotten rid of the pain.	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 8 DK	<input type="radio"/> 7 Ref
m. I see it as a challenge and don't let it bother me.	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 8 DK	<input type="radio"/> 7 Ref
n. I do something I enjoy, such as watching TV or listening to music.	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 8 DK	<input type="radio"/> 7 Ref



HABC Enrollment ID #	Acrostic
H <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

KNEE AND HIP PAIN INTERVIEW

The following questions are about joint replacements. We are trying to better understand how people make decisions on having their knee or hip replaced.

13. Have you ever heard of surgery to replace a hip or knee that has become damaged by arthritis?
- Yes No Don't know Refused

HDHEARRP

14. If your [hip] [knee] pain were ever to get severe, how willing would you be to have surgery to replace your [hip] [knee] if your doctor recommended it?

(Examiner Note: Read response options. Show Card D.)

- 1 Definitely not willing
 2 Probably not willing
 3 Unsure
 4 Probably willing
 5 Definitely willing
 8 Don't know
 7 Refused

HDWILLNG

15. Do you have any family members or friends that have had a hip or knee replaced by surgery?
- Yes No Don't know Refused

HDFFAMRP

Was that a...	HDFRNDRP
a) Friend?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't know HDFAMRP
b) Family member?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't know

16. Do you have a good understanding of what happens to somebody when they undergo hip or knee replacement surgery?
- Yes No Don't know Refused

HDSRGUND

17. Has your doctor ever discussed surgery to replace your [knee] [hip] as a treatment for your arthritis?
- Yes No Don't know Refused

HDDRDIS

18. Has your doctor ever referred you to an arthritis specialist (rheumatologist) for treatment of your [knee] [hip] arthritis?
- Yes No Don't know Refused

HDDRHEUM

HABC Enrollment ID #	Acrostic
H	

HEID **HEACROS**

KNEE AND HIP PAIN INTERVIEW

19. Has your doctor ever referred you to a surgeon that specializes in arthritis (orthopedic surgeon) for treatment of your [knee] [hip] arthritis?

1 Yes **0** No **8** Don't know **7** Refused **HEDRORTH**

20. Have any of your doctors ever recommended surgery to replace your [knee] [hip] as a treatment for your arthritis?

1 Yes **0** No **8** Don't know **7** Refused **HEDRRECS**

We would like to know what you think about the potential risks and benefits of hip or knee replacement surgery.

21. How often do you think someone dies as a result of hip or knee replacement surgery? Would you say ...?

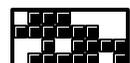
(Examiner Note: Read response options. REQUIRED - Show Card E.) **HERPLDIE**

- 1** Never
- 2** Rarely (Less than 1% of people or less than 1 out of 100 people)
- 3** Infrequently (1 to 10% of people or 1 to 10 out of 100 people)
- 4** Commonly (10 to 25% of people or 10 to 25 out of 100 people)
- 5** Likely (more than 25% of people or more than 25 out of 100 people)
- 8** Don't know
- 7** Refused

22. How long do you think someone who has hip or knee replacement surgery would be in the hospital or other health care facility? Would you say it is ...?

(Examiner Note: Read response options. REQUIRED - Show Card F.) **HERPLHOS**

- 1** 1 to 3 days
- 2** 4 to 7 days
- 3** 1 to 2 weeks
- 4** More than 2 weeks
- 8** Don't know
- 7** Refused



HABC Enrollment ID #	Acrostic
H <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

KNEE AND HIP PAIN INTERVIEW

23. How long do you think it would take someone to fully recover from hip or knee replacement surgery? Would you say it is ...?

(Examiner Note: Read response options. REQUIRED - Show Card G.)

- 1** Less than 2 weeks
- 2** 2 weeks to 1 month
- 3** 1 to 2 months
- 4** 2 to 6 months
- 5** 6 to 12 months
- 6** More than 12 months
- 8** Don't know
- 7** Refused

HFRECOVR

24. Sometimes people who have extreme pain in their hip or knee choose to have joint replacement surgery. How much pain do you think people will still have after they have recovered from their surgery? Would you say it is ...?

(Examiner Note: Read response options. REQUIRED - Show Card H.)

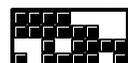
- 1** None
- 2** Mild
- 3** Moderate
- 4** Severe
- 5** Extreme
- 8** Don't know
- 7** Refused

HFPAINAF

25. Sometimes people who have extreme difficulty walking choose to have joint replacement surgery. How much difficulty walking do you think people will still have after they have recovered from their surgery? Would you say it is ...?

(Examiner Note: Read response options. REQUIRED - Show Card H.)

- 1** None
- 2** Mild
- 3** Moderate
- 4** Severe
- 5** Extreme
- 8** Don't know
- 7** Refused

HFDIFAFT


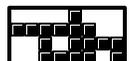
HABC Enrollment ID #	Acrostic
HGID	HGACROS

KNEE AND HIP PAIN INTERVIEW

The next question is about your feelings about your health.

26. Currently, how would you rate your overall quality of life? Would you say it is ...?
(Examiner Note: Read response options. **REQUIRED - Show Card I.**)

- 1 Excellent
 - 2 Very good
 - 3 Good
 - 4 Fair **HGQUALIF**
 - 5 Poor
 - 8 Don't know
 - 7 Refused
-





HABC Enrollment ID #	Acrostic	Date Form Completed	Staff ID #
H <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> / <input type="text"/> / <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
		Month Day Year	

HJID HJACROS HJDATE HJSTFID
 HIP X-RAY TRACKING FORM

Hip x-ray status: 1 First hip x-ray 2 Repeat hip x-ray

HJHXYVIS

1. Name of Health ABC participant: _____
 First Name Middle Initial Last Name

2. Was the hip x-ray completed?
 Yes No HJHXCMP

Why wasn't the hip x-ray completed? (**Mark only one.**)

- 1 Participant not eligible
- 7 Participant refused
- 3 Equipment failure HJHXPRES
- 4 Other (*Please specify:* _____)

3. Date hip x-ray taken? / /
 Month Day Year HJHXYDT

4. What is the Health ABC staff ID # for the X-ray technician? HJSTFID2

5. Comments:





HABC Enrollment ID #	Acrostic	Date Form Completed			Staff ID #
H <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> / <input type="text"/> / <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			<input type="text"/> <input type="text"/> <input type="text"/>
HKID	HKACROS	Month	Day	Year	HKSTFID

HIP X-RAY READING FORM

Hip x-ray status: 1 First hip x-ray 2 Repeat hip x-ray **HKHXYVIS**

1. HIP REPLACEMENT

HKHIPRPL 0 None 2 Left hip 1 Right hip 3 Both hips

2. OSTEOPHYTES

	Left Hip				Right Hip			
a. Lateral acetabular	None <input type="radio"/> 0 <input type="radio"/> 0	Mild <input type="radio"/> 1 <input type="radio"/> 1	Moderate <input type="radio"/> 2 <input type="radio"/> 2	Severe <input type="radio"/> 3 <input type="radio"/> 3	None <input type="radio"/> 0 <input type="radio"/> 0	Mild <input type="radio"/> 1 <input type="radio"/> 1	Moderate <input type="radio"/> 2 <input type="radio"/> 2	Severe <input type="radio"/> 3 <input type="radio"/> 3
b. Lateral femoral	None <input type="radio"/> 0 <input type="radio"/> 0	Mild <input type="radio"/> 1 <input type="radio"/> 1	Moderate <input type="radio"/> 2 <input type="radio"/> 2	Severe <input type="radio"/> 3 <input type="radio"/> 3	None <input type="radio"/> 0 <input type="radio"/> 0	Mild <input type="radio"/> 1 <input type="radio"/> 1	Moderate <input type="radio"/> 2 <input type="radio"/> 2	Severe <input type="radio"/> 3 <input type="radio"/> 3
c. Inferior acetabular	None <input type="radio"/> 0 <input type="radio"/> 0	Mild <input type="radio"/> 1 <input type="radio"/> 1	Moderate <input type="radio"/> 2 <input type="radio"/> 2	Severe <input type="radio"/> 3 <input type="radio"/> 3	None <input type="radio"/> 0 <input type="radio"/> 0	Mild <input type="radio"/> 1 <input type="radio"/> 1	Moderate <input type="radio"/> 2 <input type="radio"/> 2	Severe <input type="radio"/> 3 <input type="radio"/> 3
d. Inferior femoral	None <input type="radio"/> 0 <input type="radio"/> 0	Mild <input type="radio"/> 1 <input type="radio"/> 1	Moderate <input type="radio"/> 2 <input type="radio"/> 2	Severe <input type="radio"/> 3 <input type="radio"/> 3	None <input type="radio"/> 0 <input type="radio"/> 0	Mild <input type="radio"/> 1 <input type="radio"/> 1	Moderate <input type="radio"/> 2 <input type="radio"/> 2	Severe <input type="radio"/> 3 <input type="radio"/> 3

HKLAOSTL **HKLAOSTR**
HKLFOSTL **HKLFOSTR**
HKIAOSTL **HKIAOSTR**
HKIFOSTL **HKIFOSTR**

3. JOINT SPACE NARROWING (JSN)

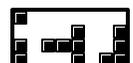
	Left Hip					Right Hip				
a. Lateral JSN	<input type="radio"/> 0 <input type="radio"/> 0	<input type="radio"/> 1 <input type="radio"/> 1	<input type="radio"/> 2 <input type="radio"/> 2	<input type="radio"/> 3 <input type="radio"/> 3	<input type="radio"/> 4 <input type="radio"/> 4	<input type="radio"/> 0 <input type="radio"/> 0	<input type="radio"/> 1 <input type="radio"/> 1	<input type="radio"/> 2 <input type="radio"/> 2	<input type="radio"/> 3 <input type="radio"/> 3	<input type="radio"/> 4 <input type="radio"/> 4
b. Medial JSN	<input type="radio"/> 0 <input type="radio"/> 0	<input type="radio"/> 1 <input type="radio"/> 1	<input type="radio"/> 2 <input type="radio"/> 2	<input type="radio"/> 3 <input type="radio"/> 3	<input type="radio"/> 4 <input type="radio"/> 4	<input type="radio"/> 0 <input type="radio"/> 0	<input type="radio"/> 1 <input type="radio"/> 1	<input type="radio"/> 2 <input type="radio"/> 2	<input type="radio"/> 3 <input type="radio"/> 3	<input type="radio"/> 4 <input type="radio"/> 4
c. Narrowing type	None <input type="radio"/> 0	Concentric <input type="radio"/> 1	Lateral <input type="radio"/> 2	Medial <input type="radio"/> 3		None <input type="radio"/> 0	Concentric <input type="radio"/> 1	Lateral <input type="radio"/> 2	Medial <input type="radio"/> 3	
d. Minimal joint space (mm)	<input type="text"/> . <input type="text"/> mm (0.0 to 6.0 mm)					<input type="text"/> . <input type="text"/> mm (0.0 to 6.0 mm)				

HKLJSNL **HKLJSNR**
HKMJSNL **HKMJSNR**
HKNTYPEL **HKNTYPER**
HKMINJSL **HKMINJSR**

4. OTHER FEATURES

	Left Hip				Right Hip			
a. Sclerosis	None <input type="radio"/> 0 <input type="radio"/> 0	Mild <input type="radio"/> 1 <input type="radio"/> 1	Moderate <input type="radio"/> 2 <input type="radio"/> 2	Severe <input type="radio"/> 3 <input type="radio"/> 3	None <input type="radio"/> 0 <input type="radio"/> 0	Mild <input type="radio"/> 1 <input type="radio"/> 1	Moderate <input type="radio"/> 2 <input type="radio"/> 2	Severe <input type="radio"/> 3 <input type="radio"/> 3
b. Cysts	None <input type="radio"/> 0 <input type="radio"/> 0	Mild <input type="radio"/> 1 <input type="radio"/> 1	Moderate <input type="radio"/> 2 <input type="radio"/> 2	Severe <input type="radio"/> 3 <input type="radio"/> 3	None <input type="radio"/> 0 <input type="radio"/> 0	Mild <input type="radio"/> 1 <input type="radio"/> 1	Moderate <input type="radio"/> 2 <input type="radio"/> 2	Severe <input type="radio"/> 3 <input type="radio"/> 3
c. Deformity	None <input type="radio"/> 0 <input type="radio"/> 0	Mild <input type="radio"/> 1 <input type="radio"/> 1	Moderate <input type="radio"/> 2 <input type="radio"/> 2	Severe <input type="radio"/> 3 <input type="radio"/> 3	None <input type="radio"/> 0 <input type="radio"/> 0	Mild <input type="radio"/> 1 <input type="radio"/> 1	Moderate <input type="radio"/> 2 <input type="radio"/> 2	Severe <input type="radio"/> 3 <input type="radio"/> 3
d. Buttress	None <input type="radio"/> 0 <input type="radio"/> 0	Mild <input type="radio"/> 1 <input type="radio"/> 1	Moderate <input type="radio"/> 2 <input type="radio"/> 2	Severe <input type="radio"/> 3 <input type="radio"/> 3	None <input type="radio"/> 0 <input type="radio"/> 0	Mild <input type="radio"/> 1 <input type="radio"/> 1	Moderate <input type="radio"/> 2 <input type="radio"/> 2	Severe <input type="radio"/> 3 <input type="radio"/> 3

HKSCLERL **HKSCLERR**
HKCYSTSL **HKCYSTR**
HKDEFRML **HKDEFRMR**
HKBUTRSL **HKBUTRSR**



Appendix V

DROPPED VARIABLES AND ALTERNATES

	Variable to use
H2ID	HABCID
H2ACROS	N/A (confidentiality)
H3ID	HABCID
H3ACROS	N/A (confidentiality)
H4ID	HABCID
H4ACROS	N/A (confidentiality)
H5ID	HABCID
H5ACROS	N/A (confidentiality)
H6ID	HABCID
H6ACROS	N/A (confidentiality)
H7ID	HABCID
H7ACROS	N/A (confidentiality)
H8ID	HABCID
H8ACROS	N/A (confidentiality)
H9ID	HABCID
H9ACROS	N/A (confidentiality)
HAID	HABCID
HAACROS	N/A (confidentiality)
HBID	HABCID
HBACROS	N/A (confidentiality)
HDID	HABCID
HDACROS	N/A (confidentiality)
HEID	HABCID
HEACROS	N/A (confidentiality)
HFID	HABCID
HFACROS	N/A (confidentiality)
HGID	HABCID
HGACROS	N/A (confidentiality)
HHID	HABCID
HHACROS	N/A (confidentiality)
HIID	HABCID
HIACROS	N/A (confidentiality)
HJID	HABCID
HJACROS	N/A (confidentiality)
HJDATE	HJDATE11 (1st hip x-ray) or HJDATE12 (2nd hip x-ray)
HJHXCOMP	HJHXCOMP1 (1st hip x-ray) or HJHXCOMP2 (2nd hip x-ray)
HJHXREAS	HJHXREAS1 (1st hip x-ray) or HJHXREAS2 (2nd hip x-ray)

Variable omitted	Variable to use
HJHXYDT	HJHXYDT1 (1st hip x-ray) or HJHXYDT2 (2nd hip x-ray)
HJHXYVIS	HJHXYVIS1 (1st hip x-ray) or HJHXYVIS2 (2nd hip x-ray)
HJSTFID	HJSTFID11 (1st hip x-ray) or HJSTFID12 (2nd hip x-ray)
HJSTFID2	HJSTFID21 (1st hip x-ray) or HJSTFID22 (2nd hip x-ray)
HKID	HABCID
HKACROS	N/A (confidentiality)
HKBUTRSL	HKBUTRSL1 (1st hip x-ray) or HKBUTRSL2 (2nd hip x-ray)
HKBUTRSR	HKBUTRSR1 (1st hip x-ray) or HKBUTRSR2 (2nd hip x-ray)
HKCYSTSL	HKCYSTSL1 (1st hip x-ray) or HKCYSTSL2 (2nd hip x-ray)
HKCYSTR	HKCYSTR1 (1st hip x-ray) or HKCYSTR2 (2nd hip x-ray)
HKDATE	HKDATE 1 (1st hip x-ray) or HKDATE 2 (2nd hip x-ray)
HKDEFRML	HKDEFRML1 (1st hip x-ray) or HKDEFRML2 (2nd hip x-ray)
HKDEFMR	HKDEFMR1 (1st hip x-ray) or HKDEFMR2 (2nd hip x-ray)
HKHIPRPL	HKHIPRPL1 (1st hip x-ray) or HKHIPRPL2 (2nd hip x-ray)
HKHXYVIS	HKHXYVIS1 (1st hip x-ray) or HKHXYVIS2 (2nd hip x-ray)
HKIAOSTL	HKIAOSTL1 (1st hip x-ray) or HKIAOSTL2 (2nd hip x-ray)
HKIAOSTR	HKIAOSTR1 (1st hip x-ray) or HKIAOSTR2 (2nd hip x-ray)
HKIFOSTL	HKIFOSTL1 (1st hip x-ray) or HKIFOSTL2 (2nd hip x-ray)
HKIFOSTR	HKIFOSTR1 (1st hip x-ray) or HKIFOSTR2 (2nd hip x-ray)
HKLAOSTL	HKLAOSTL1 (1st hip x-ray) or HKLAOSTL2 (2nd hip x-ray)
HKLAOSTR	HKLAOSTR1 (1st hip x-ray) or HKLAOSTR2 (2nd hip x-ray)
HKLFOSTL	HKLFOSTL1 (1st hip x-ray) or HKLFOSTL2 (2nd hip x-ray)
HKLFOSTR	HKLFOSTR1 (1st hip x-ray) or HKLFOSTR2 (2nd hip x-ray)
HKLJSNL	HKLJSNL1 (1st hip x-ray) or HKLJSNL2 (2nd hip x-ray)
HKLJSNR	HKLJSNR1 (1st hip x-ray) or HKLJSNR2 (2nd hip x-ray)
HKMINJSL	HKMINJSL1 (1st hip x-ray) or HKMINJSL2 (2nd hip x-ray)
HKMINJSR	HKMINJSR1 (1st hip x-ray) or HKMINJSR2 (2nd hip x-ray)
HKMJSNL	HKMJSNL1 (1st hip x-ray) or HKMJSNL2 (2nd hip x-ray)
HKMJSNR	HKMJSNR1 (1st hip x-ray) or HKMJSNR2 (2nd hip x-ray)
HKNTYPEL	HKNTYPEL1 (1st hip x-ray) or HKNTYPEL2 (2nd hip x-ray)
HKNTYPER	HKNTYPER1 (1st hip x-ray) or HKNTYPER2 (2nd hip x-ray)
HKSCLERL	HKSCLERL1 (1st hip x-ray) or HKSCLERL2 (2nd hip x-ray)
HKSCLERR	HKSCLERR1 (1st hip x-ray) or HKSCLERR2 (2nd hip x-ray)
HKSTFID	HKSTFID1 (1st hip x-ray) or HKSTFID2 (2nd hip x-ray)

Appendix VI
Knee Pain Indicator Variables

Investigator Name: Michael Nevitt

E-mail Address: MNeivitt@psg.ucsf.edu

Unit (field center,CC, Project Office, Reading Center): Coordinating Center

Analysis Plan Reference Number (if applicable):

Variable	Descriptive Title	Detailed Description	How variable is calculated	How to handle missing or special values
Y8WMACPN	WOMAC Pain Subscale	Sum of WOMAC pain questions	Sum of (H2AJHKFS H2AJHKST H2AJHKBD H2AJHKSL H2AJHKUP)	If missing 1 value, used average of non-missing variables. If > 1 missing value, Y8WMACPN = .
Y8WMACST	WOMAC Stiffness Subscale	Sum of WOMAC stiffness questions	Sum of (H3SSTFAM H3SSTFPM)	If missing 1 value, used average of non-missing variables. If > 1 missing value, Y8WMACST = .
Y8WMACFN	WOMAC Function Subscale	Sum of WOMAC function questions	Sum of (H3DIFDS H3DIFUS H3DIFUPS H3DIFSTA H4DIFBND H4DIFWFS H4DIFIOC H4DIFSHP H4DIFSOC H4DIFOB D H4DIFOFF H4DIFLYB H4DIFTUB H4DIFSIT H4DIFTOI H5DIFHCH H5DIFLCH)	If missing 1, 2 or 3 values, used average of non-missing variables. If > 3 missing values, Y8WMACFN = .
Y8WOMAC	WOMAC Total Score – 1 Missing Variable Allowed	Sum of WOMAC subscale questions	Sum of (Y8WMACPN Y8WMACST Y8WMACFN)	If missing 1 value, used average of non-missing variables. If > 1 missing value, Y8WOMAC = .
Y8WOMACMX	WOMAC Total Score – 0 Missing Variables Allowed	Sum of WOMAC subscale questions	Sum of (Y8WMACPN Y8WMACST Y8WMACFN)	If missing any variables, Y8WOMACMX=.

Variable	Descriptive Title	Detailed Description	How variable is calculated	How to handle missing or special values
Y8SPAPC1	SOPA Ease Pain	Recode of SOPA pain question	$Y8SPAPC1 = 5 - HAPNTF1$	
Y8SPAPC2	SOPA Control Pain	Recode of SOPA pain question	$Y8SPAPC2 = HAPNTF8 - 1$	
Y8SPAC	SOPA Pain Control Subscale	Sum of SOPA pain questions	Sum of (Y8SPAPC1 Y8SPAPC2)	If missing 1 value, used average of non-missing variables. If > 1 missing value, Y8SPAC = .
Y8SPADIS1	SOPA Active Life	Recode of SOPA disability question	$Y8SPADIS1 = 5 - HAPNTF2$	
Y8SPADIS2	SOPA Activity Level	Recode of SOPA disability question	$Y8SPADIS2 = 5 - HAPNTF9$	
Y8SPADIS	SOPA Disability Subscale	Sum of SOPA disability questions	Sum of (Y8SPADIS1 Y8SPADIS2)	If missing 1 value, used average of non-missing variables. If > 1 missing value, Y8SPADIS = .
Y8SPAHRM1	SOPA Damage Done	Recode of SOPA harm question	$Y8SPAHRM2 = HAPNTF3 - 1$	
Y8SPAHRM2	SOPA Exercise & Pain	Recode of SOPA harm question	$Y8SPAHRM1 = 5 - HAPNTF10$	
Y8SPAHRM	SOPA Harm Subscale	Sum of SOPA harm questions	Sum of (Y8SPAHRM1 Y8SPAHRM2)	If missing 1 value, used average of non-missing variables. If > 1 missing value, Y8SPAHRM = .
Y8SPAEMT1	SOPA Emotions & Pain	Recode of SOPA emotion question	$Y8SPAEMT1 = HAPNTF4 - 1$	

Variable	Descriptive Title	Detailed Description	How variable is calculated	How to handle missing or special values
Y8SPAEMT2	SOPA Stress & Pain	Recode of SOPA emotion question	Y8SPAEMT2 = HAPNTF11-1	
Y8SPAEMT	SOPA Emotion Subscale	Sum of SOPA emotion questions	Sum of (Y8SPAEMT1 Y8SPAEMT2)	If missing 1 value, used average of non-missing variables. If > 1 missing value, Y8SPAEMT = .
Y8SPAMED1	SOPA Pain Meds – Always	Recode of SOPA medication question	Y8SPAMED1 = HAPNTF5-1	
Y8SPAMED2	SOPA Pain Meds – Never	Recode of SOPA medication question	Y8SPAMED2 = 5-HAPNTF12	
Y8SPAMED	SOPA Medications Subscale	Sum of SOPA medication questions	Sum of (Y8SPAMED1 Y8SPAMED2)	If missing 1 value, used average of non-missing variables. If > 1 missing value, Y8SPAMED = .
Y8SPASLC1	SOPA Treat w/care	Recode of SOPA solicitude question	Y8SPASLC1=HAPNTF6-1	
Y8SPASLC2	SOPA Treat Better	Recode of SOPA solicitude question	Y8SPASLC2=HAPNTF13-1	
Y8SPASLC	SOPA Solicitude Subscale	Sum of SOPA solicitude questions	Sum of (Y8SPASLC1 Y8SPASLC2)	If missing 1 value, used average of non-missing variables. If > 1 missing value, Y8SPASLC = .
Y8SPACRE1	SOPA Doctor Cure Pain	Recode of SOPA cure question	Y8SPACRE1 =HAPNTF7-1	
Y8SPACRE2	SOPA Medical Cure Pain	Recode of SOPA cure question	Y8SPACRE2 =5-HAPNTF14	
Y8SPACRE	SOPA Cure Subscale	Sum of SOPA cure questions	Sum of (Y8SPACRE1 Y8SPACRE2)	

Variable	Descriptive Title	Detailed Description	How variable is calculated	How to handle missing or special values
Y8SOPA	SOPA Total Score, 2 Miss. Values Allowed	Sum of Survey of Pain Attitudes subscale questions	Sum of (Y8SPAC Y8SPADIS Y8SPAHRM Y8SPAEMT Y8SPAMED Y8SPASLC Y8SPACRE)	If missing 1 or 2 values, used average of non-missing variables. If > 2 missing value, Y8SOPA=.
Y8SOPAMX	SOPA Total Score, No Miss. Values Allowed	Sum of Survey of Pain Attitudes subscale questions	Sum of (Y8SPAC Y8SPADIS Y8SPAHRM Y8SPAEMT Y8SPAMED Y8SPASLC Y8SPACRE)	If missing any variables, Y8SOPAMX =.
Y8CSQDA	CSQ Diverting Attention Subscale	Sum of diverting attention questions	Sum of (HBCOPE1 HBCOPE8)	If missing 1 value, used average of non-missing variables. If > 1 missing value, Y8CSQDA = .
Y8CSQRPS	CSQ Reinterpreting Pain Sensations Subscale	Sum of CSQ reinterpreting Pain questions	Sum of (HBCOPE2 HBCOPE9)	If missing 1 value, used average of non-missing variables. If > 1 missing value, Y8CSQRPS = .
Y8CSQC	CSQ Catastrophizing Subscale	Sum of CSQ catastrophizing questions	Sum of (HBCOPE3 HBCOPE10)	If missing 1 value, used average of non-missing variables. If > 1 missing value, Y8CSQC = .
Y8CSQIS	CSQ Ignoring Sensations Subscale	Sum of CSQ ignoring sensations questions	Sum of (HBCOPE4 HBCOPE11)	If missing 1 value, used average of non-missing variables. If > 1 missing value, Y8CSQIS = .
Y8CSQPH	CSQ Praying or Hoping Subscale	Sum of CSQ praying/hoping questions	Sum of (HBCOPE5 HBCOPE12)	If missing 1 value, used average of non-missing variables. If > 1 missing value, Y8CSQPH = .
Y8CSQCS	CSQ Coping Self-statements Subscale	Sum of CSQ coping self-statement questions	Sum of (HBCOPE6 HBCOPE13)	If missing 1 value, used average of non-missing variables. If > 1 missing value, Y8CSQCS = .

Variable	Descriptive Title	Detailed Description	How variable is calculated	How to handle missing or special values
Y8CSQIBA	CSQ Increased Behavioral Activities Subscale	Sum of CSQ increased behavioral activities questions	Sum of (HBCOPE7 HBCOPE14)	If missing 1 value, used average of non-missing variables. If > 1 missing value, Y8CSQIBA = .
Y8CSQ	CSQ Total Score, 2 Miss. Values Allowed	Sum of Coping Strategies Questionnaire questions	Sum of (Y8CSQDA Y8CSQRPS Y8CSQC Y8CSQIS Y8CSQPH Y8CSQCS Y8CSQIBA)	If missing 1 or 2 values, used average of non-missing variables. If > 2 missing value, Y8CSQ=.
Y8CSQMX	CSQ Total Score, No Miss. Values Allowed	Sum of Coping Strategies Questionnaire questions	Sum of (Y8CSQDA Y8CSQRPS Y8CSQC Y8CSQIS Y8CSQPH Y8CSQCS Y8CSQIBA)	If missing any variables, Y8CSQMX =.


```

if 0<nmiss<&nummiss then do;
  *If #missing vars < cutoff, impute from other scores*;
  sum=sum+(sum*nmiss/(&numvars-nmiss));
  &score=sum;
end;
drop sum nmiss;
format &score 5.1;
%mend womac;

```

```

%macro womac2(arrayname, varlist, numvars, nummiss, score);
array &arrayname [&numvars] &varlist;
nmiss=nmiss(of &varlist);
sum=sum(of &varlist);
if nmiss=0 then &score=sum; else
if nmiss=&numvars then &score=.M; else
if nmiss>=&nummiss then &score=.I; else
if 0<nmiss<&nummiss then do;
  *If #missing vars < cutoff, impute from other scores*;
  sum=sum+(sum*nmiss/(&numvars-nmiss));
  &score=sum;
end;
drop sum nmiss;
format &score 5.1;
%mend womac2;

```

```

%macro womac3(arrayname, varlist, numvars, nummiss, score);
array &arrayname [&numvars] &varlist;
do i=1 to &numvars;
  *Set dont know, refused, dont do to missing*;
  %set2miss2(&arrayname[i]);
end;
nmiss=nmiss(of &varlist);
sum=sum(of &varlist);
if nmiss=0 then &score=sum; else
if nmiss=&numvars then &score=.M; else
if nmiss>=&nummiss then &score=.I; else
if 0<nmiss<&nummiss then do;
  *If #missing vars < cutoff, impute from other scores*;
  sum=sum+(sum*nmiss/(&numvars-nmiss));
  &score=sum;
end;
drop sum nmiss;
format &score 5.1;
%mend womac3;

```

```

*****
* Read in knee and hip pain interview eligibility assessment
* and knee and hip pain interview.
***** ;

```

```

data knee (drop=site) ;
  merge habc8.h2 (in=a drop=h2acros h2id)
    habc8.h3 (drop=h3acros h3id)
    habc8.h4 (drop=h4acros h4id)
    habc8.h5 (drop=h5acros h5id)
    habc8.h6 (drop=h6acros h6id)
    habc8.h7 (drop=h7acros h7id)
    habc8.h8 (drop=h8acros h8id)
    habc8.h9 (drop=h9acros h9id)
    habc8.ha (drop=haacros haid)
    habc8.hb (drop=hbacros hbid)
    habc8.hd (drop=hdacros hdid)
    habc8.he (drop=heacros heid)
    habc8.hf (drop=hfacros hfid)
    habc8.hg (drop=hgacros hgid)
    habc8.hh (in=b drop=hhacros hhid)
    habc8.hi (drop=hiacros hiid)
;
  by habcid ;

  if hhhkrepl=0 or hihkrepl=0 then elig=1 ;
  else elig=0 ;
run ;

*****
* Create subscale and total score variables for Womac, SOPA and
* CSQ variables per Kent Kwoh's instructions.
***** ;

data scores (keep=habcid y8wmacpn y8wmacst y8wmacfn y8wmacmx y8womac
  y8spapc1 y8spapc2 y8spadis1 y8spadis2 y8spahrm1 y8spahrm2 y8spaemt1
  y8spaemt2 y8spamed1 y8spamed2 y8spasl1 y8spasl2 y8spacre1 y8spacre2
  y8spac y8spadis y8spahrm y8spaemt y8spamed y8spasl y8spacre y8sopamx
  y8sopa y8csqda y8csqrps y8csqc y8csqis y8csqph y8csqcs y8csqiba y8csqmx
  y8csq) ;
  merge habc8.h2 (drop=h2acros h2id)
    habc8.h3 (drop=h3acros h3id)
    habc8.h4 (drop=h4acros h4id)
    habc8.h5 (drop=h5acros h5id)
    habc8.ha (drop=haacros haid)
    habc8.hb (drop=hbacros hbid)
;
  by habcid ;

  label y8wmacpn      = 'WOMAC Pain Subscale'
        y8wmacst     = 'WOMAC Stiffness Subscale'
        y8wmacfn     = 'WOMAC Function Subscale'
        y8wmacmx     = 'WOMAC Total Score, No Miss. Values Allowed'
        y8womac      = 'WOMAC Total Score, 1 Miss. Value Allowed'
        y8spapc1     = 'SOPA Ease Pain'
        y8spapc2     = 'SOPA Control Pain'
        y8spadis1    = 'SOPA Active Life'
        y8spadis2    = 'SOPA Activity Level'
        y8spahrm1    = 'SOPA Damage Done'
        y8spahrm2    = 'SOPA Exercise & Pain'
        y8spaemt1    = 'SOPA Emotions & Pain'
        y8spaemt2    = 'SOPA Stress & Pain'

```

```

y8spamed1 = 'SOPA Pain Meds - Always'
y8spamed2 = 'SOPA Pain Meds - Never'
y8spaslcl1 = 'SOPA Treat w/care'
y8spaslcl2 = 'SOPA Treat Better'
y8spacre1 = 'SOPA Doctor Cure Pain'
y8spacre2 = 'SOPA Medical Cure Pain'
y8spac = 'SOPA Pain Control'
y8spadis = 'SOPA Disability'
y8spahrm = 'SOPA Harm'
y8spaemt = 'SOPA Emotion'
y8spamed = 'SOPA Medications'
y8spaslcl = 'SOPA Solitude'
y8spacre = 'SOPA Cure'
y8sopamx = 'SOPA Total Score, No Miss. Values Allowed'
y8sopa = 'SOPA Total Score, 2 Miss. Values Allowed'
y8csqda = 'CSQ Diverting Attention'
y8csqrps = 'CSQ Reinterpreting Pain Sensations'
y8csqc = 'CSQ Catastrophizing'
y8csqis = 'CSQ Ignoring Sensations'
y8csqph = 'CSQ Praying or Hoping'
y8csqcs = 'CSQ Coping Self-statements'
y8csqiba = 'CSQ Increased Behavioral Activities'
y8csqmx = 'CSQ Total Score, No Miss. Values Allowed'
y8csq = 'CSQ Total Score, 2 Miss. Values Allowed'
;

*****
* WOMAC Scores
***** ;

* WOMAC knee pain;
%womac(WMACPN,H2AJHKFS H2AJHKST H2AJHKBD H2AJHKSL 2AJHKUP,5,2,y8wmacpn) ;

* WOMAC knee stiffness;
%womac(WMACST,H3SSTFAM H3SSTFPM,2,2,y8wmacst) ;

* WOMAC difficulty performing daily activities;
%womac(WMACFN,H3DIFDS H3DIFUS H3DIFUPS H3DIFSTA H4DIFBND H4DIFWFS H4DIFIOC
H4DIFSHP H4DIFSOC H4DIFOB D H4DIFOFF H4DIFLYB H4DIFTUB H4DIFSIT H4DIFTOI
H5DIFHCH H5DIFLCH,17,4,y8wmacfn) ;

* Total womac score, No Miss. Values Allowed;
%womac2(WMACMX,y8wmacpn y8wmacst y8wmacfn,3,1,y8wmacmx) ;

* Total womac score, 1 Miss. Value Allowed;
%womac2(WOMAC,y8wmacpn y8wmacst y8wmacfn,3,2,y8womac) ;

*****
* Survey of Pain (SOPA) Scores
***** ;

array vars (14) HAPNTF1 HAPNTF8 HAPNTF2 HAPNTF9 HAPNTF3 HAPNTF10 HAPNTF4
HAPNTF11 HAPNTF5 HAPNTF12 HAPNTF6 HAPNTF13 HAPNTF7 HAPNTF14 ;
array newvars (14) y8spapcl y8spapc2 y8spadis1 y8spadis2 y8spahrm1 y8spahrm2
y8spaemt1 y8spaemt2 y8spamed1 y8spamed2 y8spaslcl1 y8spaslcl2 y8spacre1
y8spacre2 ;

```

```

do i = 1 to 14 ;
  * These questions need to be recoded to proper scale and reversed ;
  newvars(i) = vars(i) ;
  if i in(1,3,4,6,10,14) & vars(i) in(1,2,3,4,5) then do ;
    newvars(i) = 5-vars(i);
  end ;
  * These questions need to be recoded to proper scale ;
  if i in(2,5,7,8,9,11,12,13) & vars(i) in(1,2,3,4,5) then do ;
    newvars(i) = vars(i)-1 ;
  end ;
end ;

* SOPA Pain Control ;
%womac(spac, y8spapc1 y8spapc2,2,2,y8spac) ;

* SOPA Disability ;
%womac(spadis, y8spadis1 y8spadis2,2,2,y8spadis) ;

* SOPA Harm ;
%womac(spahrm, y8spahrm1 y8spahrm2,2,2,y8spahrm) ;

* SOPA Emotion ;
%womac(spaemt, y8spaemt1 y8spaemt2,2,2,y8spaemt) ;

* SOPA Medications ;
%womac(spamed, y8spamed1 y8spamed2,2,2,y8spamed) ;

* SOPA Solitude ;
%womac(spaslc, y8spaslcl1 y8spaslcl2,2,2,y8spaslcl) ;

* SOPA Cure ;
%womac(spacre, y8spacrel1 y8spacrel2,2,2,y8spacre) ;

* Total SOPA Score, No Miss. Values Allowed ;
%womac2(sopamx, y8spac y8spadis y8spahrm y8spaemt y8spamed y8spaslcl
y8spacre,7,1,y8sopamx) ;

* Total SOPA Score, 2 Missing Values Allowed ;
%womac2(sopa, y8spac y8spadis y8spahrm y8spaemt y8spamed y8spaslcl
y8spacre,7,3,y8sopa) ;

do i = 1 to 14 ;
  * These questions need refused and dont know responses added back ;
  if vars(i) in(7,8) then newvars(i) = vars(i) ;
end ;

*****
* Coping Strategies Scores (CSQ)
***** ;

* CSQ Diverting Attention ;
%womac3(csqda, HBCOPE1 HBCOPE8,2,2,y8csqda) ;

* CSQ Reinterpreting Pain Sensations ;
%womac3(csqrps, HBCOPE2 HBCOPE9,2,2,y8csqrps) ;

```

```

* CSQ Catastrophizing ;
%womac3(csqc, HBCOPE3 HBCOPE10,2,2,y8csqc) ;

* CSQ Ignoring Sensations ;
%womac3(csqis, HBCOPE4 HBCOPE11,2,2,y8csqis) ;

* CSQ Praying or Hoping ;
%womac3(csqph, HBCOPE5 HBCOPE12,2,2,y8csqph) ;

* CSQ Coping Self-statements ;
%womac3(csqcs, HBCOPE6 HBCOPE13,2,2,y8csqcs) ;

* CSQ Increased Behavioral Activities ;
%womac3(csqiba, HBCOPE7 HBCOPE14,2,2,y8csqiba) ;

* Total CSQ Scores, No Miss. Values Allowed ;
%womac2(csqmx, y8csqda y8csqrps y8csqc y8csqis y8csqph y8csqcs
y8csqiba,7,1,y8csqmx) ;

* Total CSQ Scores, 2 Miss. Values Allowed ;
%womac2(csq, y8csqda y8csqrps y8csqc y8csqis y8csqph y8csqcs
y8csqiba,7,3,y8csq) ;
run ;

*****
* Get hip x-ray tracking data. Because we have 2 ppts who had
* 2 hip x-rays and we want to keep the dataset as 1 rec per ppt,
* we need to rename variables and merge datasets back together.
***** ;

data track1 ;
    set habc8.hj (where=(hjhxyvis=1) drop=hjacros hjid) ;
    rename hjdate=hjdate1 hjstfid=hjstfid1 hjhxyvis=hjhxyvis1
           hjhxcomp=hjhxcomp1 hjhxreas=hjhxreas1
           hjhxydt=hjhxydt1 hjstfid2=hjstfid21 ;
run ;

data track2 ;
    set habc8.hj (where=(hjhxyvis=2) drop=hjacros hjid) ;
    rename hjdate=hjdate2 hjstfid=hjstfid2 hjhxyvis=hjhxyvis2
           hjhxcomp=hjhxcomp2 hjhxreas=hjhxreas2
           hjhxydt=hjhxydt2 hjstfid2=hjstfid22 ;
run ;

data hiptrack ;
    merge track1 (in=a)
           track2 (in=b);
    by habcid ;

    ** Participants Refused coded as 7 and 77 so changed ppts refused to 7
    to match data dictionary ;
    if hjhxreas1 = 77 then hjhxreas1 = 7 ;
run ;

```

```

*****
*   Get hip x-ray reading data.  Because we have 2 ppts who had
*   2 hip x-rays and we want to keep the dataset as 1 rec per ppt,
*   we need to rename variables and merge datasets back together.
***** ;

data read1 ;
  set habc8.hk (where=(hkhxyvis=1) drop=hkacros hkid);
  rename HKDATE=HKDATE1 HKSTFID=HKSTFID1 HKHXYVIS=HKHXYVIS1
        HKHIPRPL=HKHIPRPL1 HKLAOSTL=HKLAOSTL1 HKLAOSTR=HKLAOSTR1
        HKLFOSTL=HKLFOSTL1 HKLFOSTR=HKLFOSTR1 HKIAOSTL=HKIAOSTL1
        HKIAOSTR=HKIAOSTR1 HKIFOSTL=HKIFOSTL1 HKIFOSTR=HKIFOSTR1
        HKLJSNL=HKLJSNL1 HKLJSNR=HKLJSNR1 HKMJSNL=HKMJSNL1
        HKMJSNR=HKMJSNR1 HKNTYPEL=HKNTYPEL1 HKNTYPER=HKNTYPER1
        HKMINJSL=HKMINJSL1 HKMINJSR=HKMINJSR1 HKSCLERL=HKSCLERL1
        HKSCLERR=HKSCLERR1 HKCYSTSL=HKCYSTSL1 HKCYSTSR=HKCYSTSR1
        HKDEFRML=HKDEFRML1 HKDEFRMR=HKDEFRMR1 HKBUTRSL=HKBUTRSL1
        HKBUTRSR=HKBUTRSR1 ;

run ;

data read2 ;
  set habc8.hk (where=(hkhxyvis=2) drop=hkacros hkid);
  rename HKDATE=HKDATE2 HKSTFID=HKSTFID2 HKHXYVIS=HKHXYVIS2
        HKHIPRPL=HKHIPRPL2 HKLAOSTL=HKLAOSTL2 HKLAOSTR=HKLAOSTR2
        HKLFOSTL=HKLFOSTL2 HKLFOSTR=HKLFOSTR2 HKIAOSTL=HKIAOSTL2
        HKIAOSTR=HKIAOSTR2 HKIFOSTL=HKIFOSTL2 HKIFOSTR=HKIFOSTR2
        HKLJSNL=HKLJSNL2 HKLJSNR=HKLJSNR2 HKMJSNL=HKMJSNL2
        HKMJSNR=HKMJSNR2 HKNTYPEL=HKNTYPEL2 HKNTYPER=HKNTYPER2
        HKMINJSL=HKMINJSL2 HKMINJSR=HKMINJSR2 HKSCLERL=HKSCLERL2
        HKSCLERR=HKSCLERR2 HKCYSTSL=HKCYSTSL2 HKCYSTSR=HKCYSTSR2
        HKDEFRML=HKDEFRML2 HKDEFRMR=HKDEFRMR2 HKBUTRSL=HKBUTRSL2
        HKBUTRSR=HKBUTRSR2 ;

run ;

data hipread ;
  merge read1 (in=a)
        read2 (in=b);
  by habcid ;

run ;

*****
*   Create analysis dataset.
***** ;

data daf.Y8KneeHip (drop=elig) ;
  merge knee (in=a)
        scores
        hiptrack
        hipread
        daf.ph (keep=habcid site gender race racegen version cv8age
              vtype84 rename=(vtype84=VISITYPE)) ;
  by habcid ;
  if a ;
  format y8spapc1 y8spadis1 y8spadis2 y8spahrm2 y8spamed2 y8spacre2 agree6x.
        y8spapc2 y8spahrml y8spaemt1 y8spaemt2
        y8spamed1 y8spaslcl1 y8spaslcl2 y8spacrel1 agree5x.;

run ;

```

HABC Project: Contents of Y8KneeHip

The CONTENTS Procedure

Data Set Name	DAF.Y8KNEEHIP	Observations	787
Member Type	DATA	Variables	252
Engine	V9	Indexes	0
Created	Monday, March 26, 2007 01:29:55 PM	Observation Length	1984
Last Modified	Monday, March 26, 2007 01:29:55 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information	
Data Set Page Size	16384
Number of Data Set Pages	101
First Data Page	3
Max Obs per Page	8
Obs in First Data Page	7
Number of Data Set Repairs	0
File Name	\\fu-hsing-c\habc\habc_sas\data analysis file\data analysis file v8\y8kneehip.sas7bdat
Release Created	9.0101M3
Host Created	XP_PRO

The CONTENTS Procedure

Alphabetic List of Variables and Attributes						
#	Variable	Type	Len	Format	Informat	Label
9	H2AJAGWE	Num	8	YNDK.	2.	KH:3.Is pain aggravated by the weather?
5	H2AJHKBD	Num	8	STAT5X.	2.	KH:1c.Pain at night while in bed?
3	H2AJHKFS	Num	8	STAT5X.	2.	KH:1a.Pain when walking on flat surface?
8	H2AJHKPN	Num	8	STAT5X.	2.	KH:2.How is pain today?
6	H2AJHKSL	Num	8	STAT5X.	2.	KH:1d.Pain while sitting or lying down?
4	H2AJHKST	Num	8	STAT5X.	2.	KH:1b.Pain when going up or downstairs?
7	H2AJHKUP	Num	8	STAT5X.	2.	KH:1e.Pain while standing?
2	H2DATE	Num	8	MMDDYY10.	DATETIME22.3	Date Form Completed
14	H3DIFDS	Num	8	STAT5X.	2.	KH:8a.Difficulty going down the stairs?
17	H3DIFSTA	Num	8	STAT5X.	2.	KH:8d.Difficulty standing?
16	H3DIFUPS	Num	8	STAT5X.	2.	KH:8c.Difficulty getting up?
15	H3DIFUS	Num	8	STAT5X.	2.	KH:8b.Difficulty going up the stairs?
10	H3SSTFAM	Num	8	STAT5X.	2.	KH:4.Stiffness when you first woke up?
11	H3SSTFPM	Num	8	STAT5X.	2.	KH:5.Stiffness later in the day?
12	H3SSTFTY	Num	8	STAT5X.	2.	KH:6.Stiffness today?
13	H3STFAGW	Num	8	YNDK.	2.	KH:7.Stiffness aggravated by weather?
18	H4DIFBND	Num	8	STAT5X.	2.	KH:8e.Difficulty bending to the floor?
20	H4DIFIOC	Num	8	STAT5X.	2.	KH:8g.Difficulty getting in/out of car?
25	H4DIFLYB	Num	8	STAT5X.	2.	KH:8l.Difficulty while lying in bed?
23	H4DIFOBD	Num	8	STAT5X.	2.	KH:8j.Difficulty getting out of bed?
24	H4DIFOFF	Num	8	STAT5X.	2.	KH:8k.Difficulty taking off socks/hose?
21	H4DIFSHP	Num	8	STAT5X.	2.	KH:8h.Difficulty while going shopping?
27	H4DIFSIT	Num	8	STAT5X.	2.	KH:8n.Difficulty while sitting?
22	H4DIFSOC	Num	8	STAT5X.	2.	KH:8i.Difficulty putting on socks/hose?
28	H4DIFTOI	Num	8	STAT5X.	2.	KH:8o.Difficulty getting on/off toilet?
26	H4DIFTUB	Num	8	STAT5X.	2.	KH:8m.Difficulty getting in/out bathtub?
19	H4DIFWFS	Num	8	STAT5X.	2.	KH:8f.Difficulty walkng on flat surface?
29	H5DIFHCH	Num	8	STAT5X.	2.	KH:8p.Difficulty doing heavy chores?
30	H5DIFLCH	Num	8	STAT5X.	2.	KH:8q.Difficulty doing light chores?
36	H6HLPACU	Num	8	HELP.	2.	KH:9f.Acupuncture
37	H6HLPAPR	Num	8	HELP.	2.	KH:9g.Acupressure
31	H6HLPASP	Num	8	HELP.	2.	KH:9a.Aspirin
38	H6HLPBIO	Num	8	HELP.	2.	KH:9h.Biofeedback
39	H6HLPCHE	Num	8	HELP.	2.	KH:9i.Chelation therapy
40	H6HLPCHI	Num	8	HELP.	2.	KH:9j.Chiropractic care
42	H6HLPFLK	Num	8	HELP.	2.	KH:9l.Folk medicine

The CONTENTS Procedure

Alphabetic List of Variables and Attributes						
#	Variable	Type	Len	Format	Informat	Label
43	H6HLPHOM	Num	8	HELP.	2.	KH:9m.Homeopathy
34	H6HLPPT	Num	8	HELP.	2.	KH:9d.Physical therapy
41	H6HLPREI	Num	8	HELP.	2.	KH:9k.Energy healing therapy/Reiki
33	H6HLPRX	Num	8	HELP.	2.	KH:9c.Medicine prescribed by doctor
32	H6HLP TYL	Num	8	HELP.	2.	KH:9b.Tylenol/Acetaminophen
35	H6HLPVDR	Num	8	HELP.	2.	KH:9e.Visiting a doctor
57	H7HLPADV	Num	8	HELP.	2.	KH:9aa.Asking friend/family for advice
58	H7HLP CUT	Num	8	HELP.	2.	KH:9bb.Cutting down on activities
55	H7HLP FTH	Num	8	HELP.	2.	KH:9y.Prayer, faith healing
56	H7HLP GLU	Num	8	HELP.	2.	KH:9z.Glucosamine and chondroitin
50	H7HLP HRB	Num	8	HELP.	2.	KH:9t.Herbal medicine
44	H7HLP HYP	Num	8	HELP.	2.	KH:9n.Hypnosis
52	H7HLP MAG	Num	8	HELP.	2.	KH:9v.Copper bracelets or magnets
45	H7HLP MAS	Num	8	HELP.	2.	KH:9o.Massage
53	H7HLP MV	Num	8	HELP.	2.	KH:9w.Tai Chi, Yoga, Chi Gong, Pilates
46	H7HLP NAT	Num	8	HELP.	2.	KH:9p.Naturopathy
47	H7HLP REP	Num	8	HELP.	2.	KH:9q.Hip/knee replacement surgery
54	H7HLP RLX	Num	8	HELP.	2.	KH:9x.Meditation, deep breathing
51	H7HLP RUB	Num	8	HELP.	2.	KH:9u.Rubs, lotions, liniments
48	H7HLP SFD	Num	8	HELP.	2.	KH:9r.Special diet
49	H7HLP VIT	Num	8	HELP.	2.	KH:9s.Vitamins or minerals
64	H8TRY ACU	Num	8	YNDK.	2.	KH:10f.Tried acupuncture?
65	H8TRY APR	Num	8	YNDK.	2.	KH:10g.Tried acupressure?
59	H8TRY ASP	Num	8	YNDK.	2.	KH:10a.Tried aspirin?
66	H8TRY BIO	Num	8	YNDK.	2.	KH:10h.Tried biofeedback?
67	H8TRY CHE	Num	8	YNDK.	2.	KH:10i.Tried chelation therapy?
68	H8TRY CHI	Num	8	YNDK.	2.	KH:10j.Tried chiropractic care?
70	H8TRY FLK	Num	8	YNDK.	2.	KH:10l.Tried folk medicine?
71	H8TRY HOM	Num	8	YNDK.	2.	KH:10m.Tried homeopathy?
62	H8TRY PT	Num	8	YNDK.	2.	KH:10d.Tried physical therapy?
69	H8TRY REI	Num	8	YNDK.	2.	KH:10k.Tried energy healing/Reiki?
61	H8TRY RX	Num	8	YNDK.	2.	KH:10c.Tried med prescribed by doctor?
60	H8TRY TYL	Num	8	YNDK.	2.	KH:10b.Tried Tylenol or Acetaminophen?
63	H8TRY VDR	Num	8	YNDK.	2.	KH:10e.Tried visiting a doctor?
85	H9TRY ADV	Num	8	YNDK.	2.	KH:10aa.Tried asking friend for advice?
86	H9TRY CUT	Num	8	YNDK.	2.	KH:10bb.Tried cutting down on activities

The CONTENTS Procedure

Alphabetic List of Variables and Attributes						
#	Variable	Type	Len	Format	Informat	Label
83	H9TRYFTH	Num	8	YNDK.	2.	KH:10y.Tried prayer, faith healing?
84	H9TRYGLU	Num	8	YNDK.	2.	KH:10z.Tried glucosamine/chondroitin?
78	H9TRYHRB	Num	8	YNDK.	2.	KH:10t.Tried herbal medicine?
72	H9TRYHYP	Num	8	YNDK.	2.	KH:10n.Tried hypnosis?
80	H9TRYMAG	Num	8	YNDK.	2.	KH:10v.Tried copper bracelets/magnets?
73	H9TRYMAS	Num	8	YNDK.	2.	KH:10o.Tried massage?
81	H9TRYMV	Num	8	YNDK.	2.	KH:10w.Tried Tai Chi, Yoga?
74	H9TRYNAT	Num	8	YNDK.	2.	KH:10p.Tried naturopathy?
75	H9TRYREP	Num	8	YNDK.	2.	KH:10q.Tried hip/knee repl surgery?
82	H9TRYRLX	Num	8	YNDK.	2.	KH:10x.Tried meditation/deep breathing?
79	H9TRYRUB	Num	8	YNDK.	2.	KH:10u.Tried rubs, lotions, liniments?
76	H9TRYSFD	Num	8	YNDK.	2.	KH:10r.Tried special diet?
77	H9TRYVIT	Num	8	YNDK.	2.	KH:10s.Tried vitamins or minerals?
1	HABCID	Num	8	11.	11.	HABC Enrollment ID
87	HAPNTF1	Num	8	AGREE.	2.	KH:11a.Little I can do to ease my pain
88	HAPNTF2	Num	8	AGREE.	2.	KH:11b.Pain does not prevent active life
89	HAPNTF3	Num	8	AGREE.	2.	KH:11c.Pain is sign that damage done
90	HAPNTF4	Num	8	AGREE.	2.	KH:11d.Connection betw emotions, pain
91	HAPNTF5	Num	8	AGREE.	2.	KH:11e.Will always have to take pain med
92	HAPNTF6	Num	8	AGREE.	2.	KH:11f.When hurting deserve care/concern
93	HAPNTF7	Num	8	AGREE.	2.	KH:11g.I trust doctors can cure my pain
94	HAPNTF8	Num	8	AGREE.	2.	KH:11h.I have learned to control my pain
95	HAPNTF9	Num	8	AGREE.	2.	KH:11i.Pain does not interfere w/act lev
96	HAPNTF10	Num	8	AGREE.	2.	KH:11j.Exercise decreases amount of pain
97	HAPNTF11	Num	8	AGREE.	2.	KH:11k.Stress increases pain I feel
98	HAPNTF12	Num	8	AGREE.	2.	KH:11l.Will never take pain meds again
99	HAPNTF13	Num	8	AGREE.	2.	KH:11m.When I hurt want fam to treat bet
100	HAPNTF14	Num	8	AGREE.	2.	KH:11n.Do not expect med cure for pain
101	HBCOPE1	Num	8	COPE.	2.	KH:12a.I think of things I enjoy doing
102	HBCOPE2	Num	8	COPE.	2.	KH:12b.I think of it as other sensation
103	HBCOPE3	Num	8	COPE.	2.	KH:12c.Terrible, will never get better
104	HBCOPE4	Num	8	COPE.	2.	KH:12d.I dont pay any attention to it
105	HBCOPE5	Num	8	COPE.	2.	KH:12e.I pray for the pain to stop
106	HBCOPE6	Num	8	COPE.	2.	KH:12f.I cant let pain stand in the way
107	HBCOPE7	Num	8	COPE.	2.	KH:12g.I do something active
108	HBCOPE8	Num	8	COPE.	2.	KH:12h.I replay pleasant experiences

HABC Project: Contents of Y8KneeHip

The CONTENTS Procedure

Alphabetic List of Variables and Attributes						
#	Variable	Type	Len	Format	Informat	Label
109	HBCOPE9	Num	8	COPE.	2.	KH:12i.I pretend it is not a part of me
110	HBCOPE10	Num	8	COPE.	2.	KH:12j.I feel I cant stand it anymore
111	HBCOPE11	Num	8	COPE.	2.	KH:12k.I ignore it
112	HBCOPE12	Num	8	COPE.	2.	KH:12l.Try to think yrs ahead after pain
113	HBCOPE13	Num	8	COPE.	2.	KH:12m.I see it as a challenge
114	HBCOPE14	Num	8	COPE.	2.	KH:12n.I do something I enjoy
121	HDDRDIS	Num	8	YNDK.	2.	KH:17:Has doctor ever discussed surgery?
122	HDDRHEUM	Num	8	YNDK.	2.	KH:18:Ever ref to arthritis specialist?
119	HDFAMRP	Num	8	YNDK.	2.	KH:15b.Was that a family member?
117	HDFFAMRP	Num	8	YNDK.	2.	KH:15:Family members had hip/knee repl?
118	HDFRNDRP	Num	8	YNDK.	2.	KH:15a.Was that a friend?
115	HDHEARRP	Num	8	YNDK.	2.	KH:13:Heard of surgery to repl knee/hip?
120	HDSRGUND	Num	8	YNDK.	2.	KH:16.Good understanding of repl surgery?
116	HDWILLNG	Num	8	WILLING.	2.	KH:14:How willing to have repl surgery?
123	HEDRORTH	Num	8	YNDK.	2.	KH:19.Ever referd to orthopedic surgeon?
124	HEDRRECS	Num	8	YNDK.	2.	KH:20.Has doctor ever recommd surgery?
125	HERPLDIE	Num	8	RARE.	2.	KH21:How often does someone die?
126	HERPLHOS	Num	8	TIME13X.	2.	KH22:How long would be in hospital?
129	HFDIFAFT	Num	8	STAT5XX.	2.	KH:25How much diff walkng after surgery?
128	HFPAINAF	Num	8	STAT5XX.	2.	KH:24.How much pain after repl surgery?
127	HFRECOVR	Num	8	TIME13XX.	2.	KH:23.How long to recover from surgery?
130	HGQUALIF	Num	8	STAT20X.	2.	KH:26.How would you rate qual of life?
134	HHAJH30D	Num	8	YNDK.	2.	KHEA:3.Hip pain most days for one month?
131	HHDATE	Num	8	MMDDYY10.	DATETIME22.3	Date Form Completed
133	HHHIPN12	Num	8	YNDK.	2.	KHEA:2.Hip pain reported in Year 1 or 2?
132	HHHIPN56	Num	8	YNDK.	2.	KHEA:1.Hip pain reported in Year 5 or 6?
136	HHHKREPL	Num	8	YNDK.	2.	KHEA:4.Ever had hip or knee replacement?
135	HHKNEEXY	Num	8	YNDK.	2.	KHEA:4.Definite knee OA on knee x-ray?
137	HHSTFID	Char	3	\$3.	\$3.	Staff ID
138	HHHKREPL	Num	8	YNDK.	2.	KHEA:5.Ever had hip or knee replacement?
217	HKBUTRSL1	Num	8	STAT5X.	2.	Hip XR:4d.Other features-Buttress-L
245	HKBUTRSL2	Num	8	STAT5X.	2.	Hip XR:4d.Other features-Buttress-L
218	HKBUTRSR1	Num	8	STAT5X.	2.	Hip XR:4d.Other features-Buttress-R
246	HKBUTRSR2	Num	8	STAT5X.	2.	Hip XR:4d.Other features-Buttress-R
213	HKCYSTSL1	Num	8	STAT5X.	2.	Hip XR:4b.Other features-Cysts-L
241	HKCYSTSL2	Num	8	STAT5X.	2.	Hip XR:4b.Other features-Cysts-L

The CONTENTS Procedure

Alphabetic List of Variables and Attributes						
#	Variable	Type	Len	Format	Informat	Label
214	HKCYSTR1	Num	8	STAT5X.	2.	Hip XR:4b.Other features-Cysts-R
242	HKCYSTR2	Num	8	STAT5X.	2.	Hip XR:4b.Other features-Cysts-R
191	HKDATE1	Num	8	DATETIME22.3	DATETIME22.3	Date Form Completed
219	HKDATE2	Num	8	DATETIME22.3	DATETIME22.3	Date Form Completed
215	HKDEFRML1	Num	8	STAT5X.	2.	Hip XR:4c.Other features-Deformity-L
243	HKDEFRML2	Num	8	STAT5X.	2.	Hip XR:4c.Other features-Deformity-L
216	HKDEFMR1	Num	8	STAT5X.	2.	Hip XR:4c.Other features-Deformity-R
244	HKDEFMR2	Num	8	STAT5X.	2.	Hip XR:4c.Other features-Deformity-R
194	HKHIPRPL1	Num	8	LRB1X.	2.	Hip XR:1.Hip replacement
222	HKHIPRPL2	Num	8	LRB1X.	2.	Hip XR:1.Hip replacement
193	HKHXYVIS1	Num	8	HIP2X.	2.	Hip XR:.Hip x-ray status
221	HKHXYVIS2	Num	8	HIP2X.	2.	Hip XR:.Hip x-ray status
199	HKIAOSTL1	Num	8	STAT5X.	2.	Hip XR:2c.Osteophytes-Infer acetabula-L
227	HKIAOSTL2	Num	8	STAT5X.	2.	Hip XR:2c.Osteophytes-Infer acetabula-L
200	HKIAOSTR1	Num	8	STAT5X.	2.	Hip XR:2c.Osteophytes-Infer acetabula-R
228	HKIAOSTR2	Num	8	STAT5X.	2.	Hip XR:2c.Osteophytes-Infer acetabula-R
201	HKIFOSTL1	Num	8	STAT5X.	2.	Hip XR:2d.Osteophytes-Inferior femoral-L
229	HKIFOSTL2	Num	8	STAT5X.	2.	Hip XR:2d.Osteophytes-Inferior femoral-L
202	HKIFOSTR1	Num	8	STAT5X.	2.	Hip XR:2d.Osteophytes-Inferior femoral-R
230	HKIFOSTR2	Num	8	STAT5X.	2.	Hip XR:2d.Osteophytes-Inferior femoral-R
195	HKLAOSTL1	Num	8	STAT5X.	2.	Hip XR:2a.Osteophytes-Lat acetabular-L
223	HKLAOSTL2	Num	8	STAT5X.	2.	Hip XR:2a.Osteophytes-Lat acetabular-L
196	HKLAOSTR1	Num	8	STAT5X.	2.	Hip XR:2a.Osteophytes-Lat acetabular-R
224	HKLAOSTR2	Num	8	STAT5X.	2.	Hip XR:2a.Osteophytes-Lat acetabular-R
197	HKLFOSTL1	Num	8	STAT5X.	2.	Hip XR:2b.Osteophytes-Lateral femoral-L
225	HKLFOSTL2	Num	8	STAT5X.	2.	Hip XR:2b.Osteophytes-Lateral femoral-L
198	HKLFOSTR1	Num	8	STAT5X.	2.	Hip XR:2b.Osteophytes-Lateral femoral-R
226	HKLFOSTR2	Num	8	STAT5X.	2.	Hip XR:2b.Osteophytes-Lateral femoral-R
203	HKLJSNL1	Num	8	HIPJSN.	2.	Hip XR:3a.JSN-Lateral-L
231	HKLJSNL2	Num	8	HIPJSN.	2.	Hip XR:3a.JSN-Lateral-L
204	HKLJSNR1	Num	8	HIPJSN.	2.	Hip XR:3a.JSN-Lateral-R
232	HKLJSNR2	Num	8	HIPJSN.	2.	Hip XR:3a.JSN-Lateral-R
209	HKMINJSL1	Num	8	4.1	4.1	Hip XR:3d.JSN-Minimal joint space-L
237	HKMINJSL2	Num	8	4.1	4.1	Hip XR:3d.JSN-Minimal joint space-L
210	HKMINJSR1	Num	8	4.1	4.1	Hip XR:3d.JSN-Minimal joint space-R
238	HKMINJSR2	Num	8	4.1	4.1	Hip XR:3d.JSN-Minimal joint space-R

HABC Project: Contents of Y8KneeHip

The CONTENTS Procedure

Alphabetic List of Variables and Attributes						
#	Variable	Type	Len	Format	Informat	Label
205	HKMJSNL1	Num	8	HIPJSN.	2.	Hip XR:3b.JSN-Medial-L
233	HKMJSNL2	Num	8	HIPJSN.	2.	Hip XR:3b.JSN-Medial-L
206	HKMJSNR1	Num	8	HIPJSN.	2.	Hip XR:3b.JSN-Medial-R
234	HKMJSNR2	Num	8	HIPJSN.	2.	Hip XR:3b.JSN-Medial-R
207	HKNTYPEL1	Num	8	HIPJSNX.	2.	Hip XR:3c.JSN-Narrowing type-L
235	HKNTYPEL2	Num	8	HIPJSNX.	2.	Hip XR:3c.JSN-Narrowing type-L
208	HKNTYPER1	Num	8	HIPJSNX.	2.	Hip XR:3c.JSN-Narrowing type-R
236	HKNTYPER2	Num	8	HIPJSNX.	2.	Hip XR:3c.JSN-Narrowing type-R
211	HKSCLERL1	Num	8	STAT5X.	2.	Hip XR:4a.Other features-Sclerosis-L
239	HKSCLERL2	Num	8	STAT5X.	2.	Hip XR:4a.Other features-Sclerosis-L
212	HKSCLERR1	Num	8	STAT5X.	2.	Hip XR:4a.Other features-Sclerosis-R
240	HKSCLERR2	Num	8	STAT5X.	2.	Hip XR:4a.Other features-Sclerosis-R
192	HKSTFID1	Char	3	\$3.	\$3.	Hip x-ray reading form Staff ID
220	HKSTFID2	Char	3	\$3.	\$3.	Hip x-ray reading form Staff ID
183	SITE	Num	8	SITE.	11.	Clinic Site 1=Memphis 2=Pittsburgh
252	VERSION	Num	8	8.3		Data Analysis File Version #
249	VISITYPE	Num	8	VTYPE.		84-mo visit type
251	cv8age	Num	8			Age at Year 8 Clinic Visit
248	gender	Num	8	GENDER.	11.	Gender
176	hjdate1	Num	8	MMDDYY10.	DATETIME22.3	Date Form Completed
184	hjdate2	Num	8	MMDDYY10.	DATETIME22.3	Date Form Completed
179	hjhxcamp1	Num	8	YNDK.	2.	Hip XT:2.Was hip x-ray completed?
187	hjhxcamp2	Num	8	YNDK.	2.	Hip XT:2.Was hip x-ray completed?
180	hjhxcamp1	Num	8	HIP1X.	3.	Hip XT:2.Why wasnt hip x-ray completed?
188	hjhxcamp2	Num	8	HIP1X.	3.	Hip XT:2.Why wasnt hip x-ray completed?
181	hjhxydt1	Num	8	MMDDYY10.	DATETIME22.3	Hip XT:3.Date hip x-ray taken
189	hjhxydt2	Num	8	MMDDYY10.	DATETIME22.3	Hip XT:3.Date hip x-ray taken
178	hjhxyvis1	Num	8	HIP2X.	2.	Hip XT:Hip x-ray status
186	hjhxyvis2	Num	8	HIP2X.	2.	Hip XT:Hip x-ray status
177	hjstfid1	Char	3	\$3.	\$3.	Hip X-Ray Tracking Form Staff ID
185	hjstfid2	Char	3	\$3.	\$3.	Hip X-Ray Tracking Form Staff ID
182	hjstfid21	Char	3	\$3.	\$3.	Hip XT:4.HABC Staff ID for x-ray tech?
190	hjstfid22	Char	3	\$3.	\$3.	Hip XT:4.HABC Staff ID for x-ray tech?
247	race	Num	8	RACE.	11.	Race
250	racegen	Num	8	RACEGEN.		Race and Gender
175	y8csq	Num	8	5.1		CSQ Total Score, 2 Miss. Values Allowed

The CONTENTS Procedure

Alphabetic List of Variables and Attributes						
#	Variable	Type	Len	Format	Informat	Label
169	y8csqc	Num	8	5.1		CSQ Catastrophizing
172	y8csqcs	Num	8	5.1		CSQ Coping Self-statements
167	y8csqda	Num	8	5.1		CSQ Diverting Attention
173	y8csqiba	Num	8	5.1		CSQ Increased Behavioral Activities
170	y8csqis	Num	8	5.1		CSQ Ignoring Sensations
174	y8csqmx	Num	8	5.1		CSQ Total Score, No Miss. Values Allowed
171	y8csqph	Num	8	5.1		CSQ Praying or Hoping
168	y8csqrps	Num	8	5.1		CSQ Reinterpreting Pain Sensations
166	y8sopa	Num	8	5.1		SOPA Total Score, 2 Miss. Values Allowed
165	y8sopamx	Num	8	5.1		SOPA Total Score, No Miss. Values Allowed
158	y8spac	Num	8	5.1		SOPA Pain Control
164	y8spacre	Num	8	5.1		SOPA Cure
156	y8spacre1	Num	8	AGREE5X.		SOPA Doctor Cure Pain
157	y8spacre2	Num	8	AGREE6X.		SOPA Medical Cure Pain
159	y8spadis	Num	8	5.1		SOPA Disability
146	y8spadis1	Num	8	AGREE6X.		SOPA Active Life
147	y8spadis2	Num	8	AGREE6X.		SOPA Activity Level
161	y8spaemt	Num	8	5.1		SOPA Emotion
150	y8spaemt1	Num	8	AGREE5X.		SOPA Emotions & Pain
151	y8spaemt2	Num	8	AGREE5X.		SOPA Stress & Pain
160	y8spahrm	Num	8	5.1		SOPA Harm
148	y8spahrm1	Num	8	AGREE5X.		SOPA Damage Done
149	y8spahrm2	Num	8	AGREE6X.		SOPA Exercise & Pain
162	y8spamed	Num	8	5.1		SOPA Medications
152	y8spamed1	Num	8	AGREE5X.		SOPA Pain Meds - Always
153	y8spamed2	Num	8	AGREE6X.		SOPA Pain Meds - Never
144	y8spapc1	Num	8	AGREE6X.		SOPA Ease Pain
145	y8spapc2	Num	8	AGREE5X.		SOPA Control Pain
163	y8spaslc	Num	8	5.1		SOPA Solicitude
154	y8spaslc1	Num	8	AGREE5X.		SOPA Treat w/care
155	y8spaslc2	Num	8	AGREE5X.		SOPA Treat Better
141	y8wmacfn	Num	8	5.1		WOMAC Function Subscale
142	y8wmacmx	Num	8	5.1		WOMAC Total Score, No Miss. Values Allowed
139	y8wmacpn	Num	8	5.1		WOMAC Pain Subscale
140	y8wmacst	Num	8	5.1		WOMAC Stiffness Subscale
143	y8womac	Num	8	5.1		WOMAC Total Score, 1 Miss. Value Allowed

HABC Project: Contents of Y8KneeHip

The CONTENTS Procedure

Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
1	HABCID	Num	8	11.	11.	HABC Enrollment ID
2	H2DATE	Num	8	MMDDYY10.	DATETIME22.3	Date Form Completed
3	H2AJHKFS	Num	8	STAT5X.	2.	KH:1a.Pain when walking on flat surface?
4	H2AJHKST	Num	8	STAT5X.	2.	KH:1b.Pain when going up or downstairs?
5	H2AJHKBD	Num	8	STAT5X.	2.	KH:1c.Pain at night while in bed?
6	H2AJHKSL	Num	8	STAT5X.	2.	KH:1d.Pain while sitting or lying down?
7	H2AJHKUP	Num	8	STAT5X.	2.	KH:1e.Pain while standing?
8	H2AJHKPN	Num	8	STAT5X.	2.	KH:2.How is pain today?
9	H2AJAGWE	Num	8	YNDK.	2.	KH:3.Is pain aggravated by the weather?
10	H3SSTFAM	Num	8	STAT5X.	2.	KH:4.Stiffness when you first woke up?
11	H3SSTFPM	Num	8	STAT5X.	2.	KH:5.Stiffness later in the day?
12	H3SSTFTY	Num	8	STAT5X.	2.	KH:6.Stiffness today?
13	H3STFAGW	Num	8	YNDK.	2.	KH:7.Stiffness aggravated by weather?
14	H3DIFDS	Num	8	STAT5X.	2.	KH:8a.Difficulty going down the stairs?
15	H3DIFUS	Num	8	STAT5X.	2.	KH:8b.Difficulty going up the stairs?
16	H3DIFUPS	Num	8	STAT5X.	2.	KH:8c.Difficulty getting up?
17	H3DIFSTA	Num	8	STAT5X.	2.	KH:8d.Difficulty standing?
18	H4DIFBND	Num	8	STAT5X.	2.	KH:8e.Difficulty bending to the floor?
19	H4DIFWFS	Num	8	STAT5X.	2.	KH:8f.Difficulty walkng on flat surface?
20	H4DIFIOC	Num	8	STAT5X.	2.	KH:8g.Difficulty getting in/out of car?
21	H4DIFSHP	Num	8	STAT5X.	2.	KH:8h.Difficulty while going shopping?
22	H4DIFSOC	Num	8	STAT5X.	2.	KH:8i.Difficulty putting on socks/hose?
23	H4DIFOBD	Num	8	STAT5X.	2.	KH:8j.Difficulty getting out of bed?
24	H4DIFOFF	Num	8	STAT5X.	2.	KH:8k.Difficulty taking off socks/hose?
25	H4DIFLYB	Num	8	STAT5X.	2.	KH:8l.Difficulty while lying in bed?
26	H4DIFTUB	Num	8	STAT5X.	2.	KH:8m.Difficulty getting in/out bathtub?
27	H4DIFSIT	Num	8	STAT5X.	2.	KH:8n.Difficulty while sitting?
28	H4DIFTOI	Num	8	STAT5X.	2.	KH:8o.Difficulty getting on/off toilet?
29	H5DIFHCH	Num	8	STAT5X.	2.	KH:8p.Difficulty doing heavy chores?
30	H5DIFLCH	Num	8	STAT5X.	2.	KH:8q.Difficulty doing light chores?
31	H6HLPASP	Num	8	HELP.	2.	KH:9a.Aspirin
32	H6HLPTYL	Num	8	HELP.	2.	KH:9b.Tylenol/Acetaminophen
33	H6HLPRX	Num	8	HELP.	2.	KH:9c.Medicine prescribed by doctor
34	H6HLPPT	Num	8	HELP.	2.	KH:9d.Physical therapy
35	H6HLPVDR	Num	8	HELP.	2.	KH:9e.Visiting a doctor
36	H6HLPACU	Num	8	HELP.	2.	KH:9f.Acupuncture

HABC Project: Contents of Y8KneeHip

The CONTENTS Procedure

Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
37	H6HLPAPR	Num	8	HELP.	2.	KH:9g.Acupressure
38	H6HLPBIO	Num	8	HELP.	2.	KH:9h.Biofeedback
39	H6HLPCHE	Num	8	HELP.	2.	KH:9i.Chelation therapy
40	H6HLPCHI	Num	8	HELP.	2.	KH:9j.Chiropractic care
41	H6HLPREI	Num	8	HELP.	2.	KH:9k.Energy healing therapy/Reiki
42	H6HLPFLK	Num	8	HELP.	2.	KH:9l.Folk medicine
43	H6HLPHOM	Num	8	HELP.	2.	KH:9m.Homeopathy
44	H7HLPHYP	Num	8	HELP.	2.	KH:9n.Hypnosis
45	H7HLPMAS	Num	8	HELP.	2.	KH:9o.Massage
46	H7HLPNAT	Num	8	HELP.	2.	KH:9p.Naturopathy
47	H7HLPREP	Num	8	HELP.	2.	KH:9q.Hip/knee replacement surgery
48	H7HLPSPFD	Num	8	HELP.	2.	KH:9r.Special diet
49	H7HLPVIT	Num	8	HELP.	2.	KH:9s.Vitamins or minerals
50	H7HLPHRB	Num	8	HELP.	2.	KH:9t.Herbal medicine
51	H7HLP RUB	Num	8	HELP.	2.	KH:9u.Rubs, lotions, liniments
52	H7HLP MAG	Num	8	HELP.	2.	KH:9v.Copper bracelets or magnets
53	H7HLP MV	Num	8	HELP.	2.	KH:9w.Tai Chi, Yoga, Chi Gong, Pilates
54	H7HLP RLX	Num	8	HELP.	2.	KH:9x.Meditation, deep breathing
55	H7HLP FTH	Num	8	HELP.	2.	KH:9y.Prayer, faith healing
56	H7HLP GLU	Num	8	HELP.	2.	KH:9z.Glucosamine and chondroitin
57	H7HLP ADV	Num	8	HELP.	2.	KH:9aa.Asking friend/family for advice
58	H7HLP CUT	Num	8	HELP.	2.	KH:9bb.Cutting down on activities
59	H8TRY ASP	Num	8	YNDK.	2.	KH:10a.Tried aspirin?
60	H8TRY TYL	Num	8	YNDK.	2.	KH:10b.Tried Tylenol or Acetaminophen?
61	H8TRY RX	Num	8	YNDK.	2.	KH:10c.Tried med prescribed by doctor?
62	H8TRY PT	Num	8	YNDK.	2.	KH:10d.Tried physical therapy?
63	H8TRY VDR	Num	8	YNDK.	2.	KH:10e.Tried visiting a doctor?
64	H8TRY ACU	Num	8	YNDK.	2.	KH:10f.Tried acupuncture?
65	H8TRY APR	Num	8	YNDK.	2.	KH:10g.Tried acupressure?
66	H8TRY BIO	Num	8	YNDK.	2.	KH:10h.Tried biofeedback?
67	H8TRY CHE	Num	8	YNDK.	2.	KH:10i.Tried chelation therapy?
68	H8TRY CHI	Num	8	YNDK.	2.	KH:10j.Tried chiropractic care?
69	H8TRY REI	Num	8	YNDK.	2.	KH:10k.Tried energy healing/Reiki?
70	H8TRY FLK	Num	8	YNDK.	2.	KH:10l.Tried folk medicine?
71	H8TRY HOM	Num	8	YNDK.	2.	KH:10m.Tried homeopathy?
72	H9TRY HYP	Num	8	YNDK.	2.	KH:10n.Tried hypnosis?

The CONTENTS Procedure

Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
73	H9TRYMAS	Num	8	YNDK.	2.	KH:10o.Tried massage?
74	H9TRYNAT	Num	8	YNDK.	2.	KH:10p.Tried naturopathy?
75	H9TRYREP	Num	8	YNDK.	2.	KH:10q.Tried hip/knee repl surgery?
76	H9TRYSFD	Num	8	YNDK.	2.	KH:10r.Tried special diet?
77	H9TRYVIT	Num	8	YNDK.	2.	KH:10s.Tried vitamins or minerals?
78	H9TRYHRB	Num	8	YNDK.	2.	KH:10t.Tried herbal medicine?
79	H9TRYRUB	Num	8	YNDK.	2.	KH:10u.Tried rubs, lotions, liniments?
80	H9TRYMAG	Num	8	YNDK.	2.	KH:10v.Tried copper bracelets/magnets?
81	H9TRYMV	Num	8	YNDK.	2.	KH:10w.Tried Tai Chi, Yoga?
82	H9TRYRLX	Num	8	YNDK.	2.	KH:10x.Tried meditation/deep breathing?
83	H9TRYFTH	Num	8	YNDK.	2.	KH:10y.Tried prayer, faith healing?
84	H9TRYGLU	Num	8	YNDK.	2.	KH:10zTried glucosamine/chondroitin?
85	H9TRYADV	Num	8	YNDK.	2.	KH:10aa.Tried asking friend for advice?
86	H9TRYCUT	Num	8	YNDK.	2.	KH:10bb.Tried cutting down on activities
87	HAPNTF1	Num	8	AGREE.	2.	KH:11a.Little I can do to ease my pain
88	HAPNTF2	Num	8	AGREE.	2.	KH:11b.Pain does not prevent active life
89	HAPNTF3	Num	8	AGREE.	2.	KH:11c.Pain is sign that damage done
90	HAPNTF4	Num	8	AGREE.	2.	KH:11d.Connection betw emotions, pain
91	HAPNTF5	Num	8	AGREE.	2.	KH:11e.Will always have to take pain med
92	HAPNTF6	Num	8	AGREE.	2.	KH:11f.When hurting deserve care/concern
93	HAPNTF7	Num	8	AGREE.	2.	KH:11g.I trust doctors can cure my pain
94	HAPNTF8	Num	8	AGREE.	2.	KH:11h.I have learned to control my pain
95	HAPNTF9	Num	8	AGREE.	2.	KH:11i.Pain does not interfere w/act lev
96	HAPNTF10	Num	8	AGREE.	2.	KH:11j.Exercise decreases amount of pain
97	HAPNTF11	Num	8	AGREE.	2.	KH:11k.Stress increases pain I feel
98	HAPNTF12	Num	8	AGREE.	2.	KH:11l.Will never take pain meds again
99	HAPNTF13	Num	8	AGREE.	2.	KH:11m.When I hurt want fam to treat bet
100	HAPNTF14	Num	8	AGREE.	2.	KH:11n.Do not expect med cure for pain
101	HBCOPE1	Num	8	COPE.	2.	KH:12a.I think of things I enjoy doing
102	HBCOPE2	Num	8	COPE.	2.	KH:12b.I think of it as other sensation
103	HBCOPE3	Num	8	COPE.	2.	KH:12c.Terrible, will never get better
104	HBCOPE4	Num	8	COPE.	2.	KH:12d.I dont pay any attention to it
105	HBCOPE5	Num	8	COPE.	2.	KH:12e.I pray for the pain to stop
106	HBCOPE6	Num	8	COPE.	2.	KH:12f.I cant let pain stand in the way
107	HBCOPE7	Num	8	COPE.	2.	KH:12g.I do something active
108	HBCOPE8	Num	8	COPE.	2.	KH:12h.I replay pleasant experiences

HABC Project: Contents of Y8KneeHip

The CONTENTS Procedure

Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
109	HBCOPE9	Num	8	COPE.	2.	KH:12i.I pretend it is not a part of me
110	HBCOPE10	Num	8	COPE.	2.	KH:12j.I feel I cant stand it anymore
111	HBCOPE11	Num	8	COPE.	2.	KH:12k.I ignore it
112	HBCOPE12	Num	8	COPE.	2.	KH:12l.Try to think yrs ahead after pain
113	HBCOPE13	Num	8	COPE.	2.	KH:12m.I see it as a challenge
114	HBCOPE14	Num	8	COPE.	2.	KH:12n.I do something I enjoy
115	HDHEARRP	Num	8	YNDK.	2.	KH:13:Heard of surgery to repl knee/hip?
116	HDWILLNG	Num	8	WILLING.	2.	KH:14:How willing to have repl surgery?
117	HDFFAMRP	Num	8	YNDK.	2.	KH:15:Family members had hip/knee repl?
118	HDFRNDRP	Num	8	YNDK.	2.	KH:15a.Was that a friend?
119	HDFAMRP	Num	8	YNDK.	2.	KH:15b.Was that a family member?
120	HDSRGUND	Num	8	YNDK.	2.	KH:16.Good understandng of repl surgery?
121	HDDRDIS	Num	8	YNDK.	2.	KH:17:Has doctor ever discussed surgery?
122	HDDRHEUM	Num	8	YNDK.	2.	KH:18:Ever ref to arthritis specialist?
123	HEDRORTH	Num	8	YNDK.	2.	KH:19.Ever referd to orthopedic surgeon?
124	HEDRRECS	Num	8	YNDK.	2.	KH:20.Has doctor ever recommd surgery?
125	HERPLDIE	Num	8	RARE.	2.	KH21:How often does someone die?
126	HERPLHOS	Num	8	TIME13X.	2.	KH22:How long would be in hospital?
127	HFRECOVR	Num	8	TIME13XX.	2.	KH:23.How long to recover from surgery?
128	HFPAINAF	Num	8	STAT5XX.	2.	KH:24.How much pain after repl surgery?
129	HFDIFAFT	Num	8	STAT5XX.	2.	KH:25How much diff walkng after surgery?
130	HGQUALIF	Num	8	STAT20X.	2.	KH:26.How would you rate qual of life?
131	HHDATE	Num	8	MMDDYY10.	DATETIME22.3	Date Form Completed
132	HHHIPN56	Num	8	YNDK.	2.	KHEA:1.Hip pain reported in Year 5 or 6?
133	HHHIPN12	Num	8	YNDK.	2.	KHEA:2.Hip pain reported in Year 1 or 2?
134	HHAJH30D	Num	8	YNDK.	2.	KHEA:3.Hip pain most days for one month?
135	HHKNEEXY	Num	8	YNDK.	2.	KHEA:4.Definite knee OA on knee x-ray?
136	HHHKREPL	Num	8	YNDK.	2.	KHEA:4.Ever had hip or knee replacement?
137	HHSTFID	Char	3	\$3.	\$3.	Staff ID
138	HHHKREPL	Num	8	YNDK.	2.	KHEA:5.Ever had hip or knee replacement?
139	y8wmacpn	Num	8	5.1		WOMAC Pain Subscale
140	y8wmacst	Num	8	5.1		WOMAC Stiffness Subscale
141	y8wmacfn	Num	8	5.1		WOMAC Function Subscale
142	y8wmacmx	Num	8	5.1		WOMAC Total Score, No Miss. Values Allowed
143	y8womac	Num	8	5.1		WOMAC Total Score, 1 Miss. Value Allowed
144	y8spapc1	Num	8	AGREE6X.		SOPA Ease Pain

HABC Project: Contents of Y8KneeHip

The CONTENTS Procedure

Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
145	y8spapc2	Num	8	AGREE5X.		SOPA Control Pain
146	y8spadis1	Num	8	AGREE6X.		SOPA Active Life
147	y8spadis2	Num	8	AGREE6X.		SOPA Activity Level
148	y8spahrm1	Num	8	AGREE5X.		SOPA Damage Done
149	y8spahrm2	Num	8	AGREE6X.		SOPA Exercise & Pain
150	y8spaemt1	Num	8	AGREE5X.		SOPA Emotions & Pain
151	y8spaemt2	Num	8	AGREE5X.		SOPA Stress & Pain
152	y8spamed1	Num	8	AGREE5X.		SOPA Pain Meds - Always
153	y8spamed2	Num	8	AGREE6X.		SOPA Pain Meds - Never
154	y8spaslc1	Num	8	AGREE5X.		SOPA Treat w/care
155	y8spaslc2	Num	8	AGREE5X.		SOPA Treat Better
156	y8spacre1	Num	8	AGREE5X.		SOPA Doctor Cure Pain
157	y8spacre2	Num	8	AGREE6X.		SOPA Medical Cure Pain
158	y8spac	Num	8	5.1		SOPA Pain Control
159	y8spadis	Num	8	5.1		SOPA Disability
160	y8spahrm	Num	8	5.1		SOPA Harm
161	y8spaemt	Num	8	5.1		SOPA Emotion
162	y8spamed	Num	8	5.1		SOPA Medications
163	y8spaslc	Num	8	5.1		SOPA Solicitude
164	y8spacre	Num	8	5.1		SOPA Cure
165	y8sopamx	Num	8	5.1		SOPA Total Score, No Miss. Values Allowed
166	y8sopa	Num	8	5.1		SOPA Total Score, 2 Miss. Values Allowed
167	y8csqda	Num	8	5.1		CSQ Diverting Attention
168	y8csqrps	Num	8	5.1		CSQ Reinterpreting Pain Sensations
169	y8csqc	Num	8	5.1		CSQ Catastrophizing
170	y8csqis	Num	8	5.1		CSQ Ignoring Sensations
171	y8csqph	Num	8	5.1		CSQ Praying or Hoping
172	y8csqcs	Num	8	5.1		CSQ Coping Self-statements
173	y8csqiba	Num	8	5.1		CSQ Increased Behavioral Activities
174	y8csqmx	Num	8	5.1		CSQ Total Score, No Miss. Values Allowed
175	y8csq	Num	8	5.1		CSQ Total Score, 2 Miss. Values Allowed
176	hjdate1	Num	8	MMDDYY10.	DATETIME22.3	Date Form Completed
177	hjstfid1	Char	3	\$3.	\$3.	Hip X-Ray Tracking Form Staff ID
178	hjhxyvis1	Num	8	HIP2X.	2.	Hip XT:Hip x-ray status
179	hjhxcopl	Num	8	YNDK.	2.	Hip XT:2.Was hip x-ray completed?
180	hjhxreas1	Num	8	HIP1X.	3.	Hip XT:2.Why wasnt hip x-ray completed?

HABC Project: Contents of Y8KneeHip

The CONTENTS Procedure

Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
181	hjhxydt1	Num	8	MMDDYY10.	DATETIME22.3	Hip XT:3.Date hip x-ray taken
182	hjestfid21	Char	3	\$3.	\$3.	Hip XT:4.HABC Staff ID for x-ray tech?
183	SITE	Num	8	SITE.	11.	Clinic Site 1=Memphis 2=Pittsburgh
184	hjdate2	Num	8	MMDDYY10.	DATETIME22.3	Date Form Completed
185	hjestfid2	Char	3	\$3.	\$3.	Hip X-Ray Tracking Form Staff ID
186	hjhxyvis2	Num	8	HIP2X.	2.	Hip XT:Hip x-ray status
187	hjhcomp2	Num	8	YNDK.	2.	Hip XT:2.Was hip x-ray completed?
188	hjhreas2	Num	8	HIP1X.	3.	Hip XT:2.Why wasnt hip x-ray completed?
189	hjhxydt2	Num	8	MMDDYY10.	DATETIME22.3	Hip XT:3.Date hip x-ray taken
190	hjestfid22	Char	3	\$3.	\$3.	Hip XT:4.HABC Staff ID for x-ray tech?
191	HKDATE1	Num	8	DATETIME22.3	DATETIME22.3	Date Form Completed
192	HKSTFID1	Char	3	\$3.	\$3.	Hip x-ray reading form Staff ID
193	HKHXYVIS1	Num	8	HIP2X.	2.	Hip XR:Hip x-ray status
194	HKHIPRPL1	Num	8	LRB1X.	2.	Hip XR:1.Hip replacement
195	HKLAOSTL1	Num	8	STAT5X.	2.	Hip XR:2a.Osteophytes-Lat acetabular-L
196	HKLAOSTR1	Num	8	STAT5X.	2.	Hip XR:2a.Osteophytes-Lat acetabular-R
197	HKLFOSTL1	Num	8	STAT5X.	2.	Hip XR:2b.Osteophytes-Lateral femoral-L
198	HKLFOSTR1	Num	8	STAT5X.	2.	Hip XR:2b.Osteophytes-Lateral femoral-R
199	HKIAOSTL1	Num	8	STAT5X.	2.	Hip XR:2c.Osteophytes-Infer acetabula-L
200	HKIAOSTR1	Num	8	STAT5X.	2.	Hip XR:2c.Osteophytes-Infer acetabula-R
201	HKIFOSTL1	Num	8	STAT5X.	2.	Hip XR:2d.Osteophytes-Inferior femoral-L
202	HKIFOSTR1	Num	8	STAT5X.	2.	Hip XR:2d.Osteophytes-Inferior femoral-R
203	HKLJSNL1	Num	8	HIPJSN.	2.	Hip XR:3a.JSN-Lateral-L
204	HKLJSNR1	Num	8	HIPJSN.	2.	Hip XR:3a.JSN-Lateral-R
205	HKMJSNL1	Num	8	HIPJSN.	2.	Hip XR:3b.JSN-Medial-L
206	HKMJSNR1	Num	8	HIPJSN.	2.	Hip XR:3b.JSN-Medial-R
207	HKNTYPEL1	Num	8	HIPJSNX.	2.	Hip XR:3c.JSN-Narrowing type-L
208	HKNTYPER1	Num	8	HIPJSNX.	2.	Hip XR:3c.JSN-Narrowing type-R
209	HKMINJSL1	Num	8	4.1	4.1	Hip XR:3d.JSN-Minimal joint space-L
210	HKMINJSR1	Num	8	4.1	4.1	Hip XR:3d.JSN-Minimal joint space-R
211	HKSCLERL1	Num	8	STAT5X.	2.	Hip XR:4a.Other features-Sclerosis-L
212	HKSCLERR1	Num	8	STAT5X.	2.	Hip XR:4a.Other features-Sclerosis-R
213	HKCYSTSL1	Num	8	STAT5X.	2.	Hip XR:4b.Other features-Cysts-L
214	HKCYSTR1	Num	8	STAT5X.	2.	Hip XR:4b.Other features-Cysts-R
215	HKDEFRML1	Num	8	STAT5X.	2.	Hip XR:4c.Other features-Deformity-L
216	HKDEFMR1	Num	8	STAT5X.	2.	Hip XR:4c.Other features-Deformity-R

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Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
217	HKBUTRSL1	Num	8	STAT5X.	2.	Hip XR:4d.Other features-Buttress-L
218	HKBUTRSR1	Num	8	STAT5X.	2.	Hip XR:4d.Other features-Buttress-R
219	HKDATE2	Num	8	DATETIME22.3	DATETIME22.3	Date Form Completed
220	HKSTFID2	Char	3	\$3.	\$3.	Hip x-ray reading form Staff ID
221	HKHXYVIS2	Num	8	HIP2X.	2.	Hip XR:.Hip x-ray status
222	HKHIPRPL2	Num	8	LRB1X.	2.	Hip XR:1.Hip replacement
223	HKLAOSTL2	Num	8	STAT5X.	2.	Hip XR:2a.Osteophytes-Lat acetabular-L
224	HKLAOSTR2	Num	8	STAT5X.	2.	Hip XR:2a.Osteophytes-Lat acetabular-R
225	HKLFOSTL2	Num	8	STAT5X.	2.	Hip XR:2b.Osteophytes-Lateral femoral-L
226	HKLFOSTR2	Num	8	STAT5X.	2.	Hip XR:2b.Osteophytes-Lateral femoral-R
227	HKIAOSTL2	Num	8	STAT5X.	2.	Hip XR:2c.Osteophytes-Infer acetabula-L
228	HKIAOSTR2	Num	8	STAT5X.	2.	Hip XR:2c.Osteophytes-Infer acetabula-R
229	HKIFOSTL2	Num	8	STAT5X.	2.	Hip XR:2d.Osteophytes-Inferior femoral-L
230	HKIFOSTR2	Num	8	STAT5X.	2.	Hip XR:2d.Osteophytes-Inferior femoral-R
231	HKLJSNL2	Num	8	HIPJSN.	2.	Hip XR:3a.JSN-Lateral-L
232	HKLJSNR2	Num	8	HIPJSN.	2.	Hip XR:3a.JSN-Lateral-R
233	HKMJSNL2	Num	8	HIPJSN.	2.	Hip XR:3b.JSN-Medial-L
234	HKMJSNR2	Num	8	HIPJSN.	2.	Hip XR:3b.JSN-Medial-R
235	HKNTYPEL2	Num	8	HIPJSNX.	2.	Hip XR:3c.JSN-Narrowing type-L
236	HKNTYPER2	Num	8	HIPJSNX.	2.	Hip XR:3c.JSN-Narrowing type-R
237	HKMINJSL2	Num	8	4.1	4.1	Hip XR:3d.JSN-Minimal joint space-L
238	HKMINJSR2	Num	8	4.1	4.1	Hip XR:3d.JSN-Minimal joint space-R
239	HKSCLERL2	Num	8	STAT5X.	2.	Hip XR:4a.Other features-Sclerosis-L
240	HKSCLERR2	Num	8	STAT5X.	2.	Hip XR:4a.Other features-Sclerosis-R
241	HKCYSTSL2	Num	8	STAT5X.	2.	Hip XR:4b.Other features-Cysts-L
242	HKCYSTR2	Num	8	STAT5X.	2.	Hip XR:4b.Other features-Cysts-R
243	HKDEFRML2	Num	8	STAT5X.	2.	Hip XR:4c.Other features-Deformity-L
244	HKDEFRMR2	Num	8	STAT5X.	2.	Hip XR:4c.Other features-Deformity-R
245	HKBUTRSL2	Num	8	STAT5X.	2.	Hip XR:4d.Other features-Buttress-L
246	HKBUTRSR2	Num	8	STAT5X.	2.	Hip XR:4d.Other features-Buttress-R
247	race	Num	8	RACE.	11.	Race
248	gender	Num	8	GENDER.	11.	Gender
249	VISITYPE	Num	8	VTYPE.		84-mo visit type
250	racegen	Num	8	RACEGEN.		Race and Gender
251	cv8age	Num	8			Age at Year 8 Clinic Visit
252	VERSION	Num	8	8.3		Data Analysis File Version #