

**CSSCD Phases 2 and 3**  
**2.1: MRI 3 Study Form – Form MR3**

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A. Collection Information:

Beginning at Phase 2 entry for children  $\geq 6$  years of age at the time of Phase 2 enrollment (or at age 6 for children  $< 6$  years of age at the time of Phase 2 enrollment), CSSCD subjects were to be scheduled for brain magnetic resonance imaging (MRI) studies every two years. The MRI was to be performed within 6 weeks of a CSSCD neuropsychological evaluation (See Section 2.3). **Form MR3 (MRI 3 Study Form)** was used to record the results of the study. Films were sent to the SCC for central reading by the 3-member CSSCD MR Reading Panel. Two of the neurologists read each study. Films were submitted to the third member of the panel when there was disagreement between the two original readers. Follow-up studies were compared to the closest prior and baseline studies. In some cases, the comparison of technically better later studies with earlier studies resulted in changes in the original reading results of earlier studies.

The original MRI protocol required that a 1.5 Tesla scanner be used. The standard specifications for the MRI examination included

- a T-1 weighted pulse sequence;
- a t-2 weighted axial pulse sequence; and
- an intermediate (long TR, short TE) coronal pulse sequence.

B. Data Collection Period: 09/89 – 09/98

Five studies were completed after 09/30/98.

C. Form Versions: B (08/22/89)

E (10/01/91)

F (04/15/93)

A (05/01/93)

B (07/07/95)

D. Files Used to Store Information:

SAS System File: **MRI\_PUBN.SD2**

Format File: **MRIN.FMT**

E. Unique Record Identifiers: **ANONID, MRIID2**

Records within the dataset are sorted by **ANONID** and **MRIID2**.

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F. Number of Observations (Patients) in SAS Dataset: 1182 (416)

The maximum number of studies completed per patient is summarized below:

# of Studies	# of Patients
1	61
2	94
3	123
4	129
5	6
6	3

G. Contents of SAS Dataset:

- Alphabetical Listing of Variables: See pp. 7-15
- Listing of Variables by Position: See pp. 16-23

H. Notes About Selected Variables:

- **MRIID2** – is the variable name for the follow-up code number identifier which can be used with **ANONID** to link with corresponding follow-up identifiers in the neuropsychological evaluation dataset (**NPCID2** in **NPC\_PUB.SD2**, see Section 2.3) and the MRA dataset (**MRAID2** in **MRA\_PUB.SD2**, see Section 2.2)
- **MRISIDE1-7** – are variable names for side of lesion; values are those recorded at the time of the original reading of the study
- **USIDE1-12** – are variable names for side of lesion after updating/reclassification and should be considered the final reading result
- **MRITYPE1-7** – are variable names for type of lesion; values are those recorded at the time of the original reading of the study
- **UTYPE1-12** – are variable names for type of lesion after updating/reclassification and should be considered the final reading result
- **MRISIZE1-7** – are variable names for size of lesion; values are those recorded at the time of the original reading of the study

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- **USIZE1-12** – are variable names for size of lesion after updating/reclassification and should be considered the final reading result
- **MRILOC11-14, MRILOC21-24, MRILOC31-34, MRILOC41-44, MRILOC51-54, MRILOC61-64, MRILOC7-74** – are variable names for location of lesions; values are those recorded at the time of the original reading
- **ULOC1-12** – are variable names for location of lesion after updating/reclassification and should be considered the final reading result; if a lesion involved both the white matter and the cortex, two of the **ULOCn** variables will have same location value but different values for **UEXNTn**: the value for one of the corresponding **UEXNTn** variables will be “5” (cortex) and the value for the other will be “7” (white matter).
- **UEXNT1-12** – are variable names for extent of lesion after updating/reclassification and should be considered the final reading result; also see above notes for **ULOC1-12**
  
- **MRILOC1-7B** – are variable names for lesion status comparison to baseline study; values are those recorded at the time of the original reading
- **UCMPB1-12** – are variable names for lesion status comparison to baseline study after updating/reclassification and should be considered the final reading result
  
- **MRILOC1-7P** – are variable names for lesion status comparison to previous study; values are those recorded at the time of the time of the original reading
- **UCMPP1-12** – are variable names for lesion status comparison to previous study after updating/reclassification and should be considered the final result

I. Computed (Summary) Variables:

- **UDESC1-12** – are variable names for lesion descriptions. Each is a concatenation of the values of 4 variables (side, type, location, and extent)—e.g., a value of “LI05” is the description of a lesion on the **left** (L) side where the type is **infarctive** (I), the location is **frontal** (0), and the extent is **cortex** (5). It should be noted that lesions which involved both the white matter (**UEXNTn=7**) and cortex (**UEXNTn=5**) are recorded in two separate **UDESCn** variables. For example, the information for a left frontal lesion involving both

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white matter and cortex would be have a value of “LI07” for one **UDESCn** variable and a value “LI05” for another **UDESCn** variable.

- **ULFR\_CT, ULFR\_WM, ULTM\_CT, ULTM\_WM, ULPA\_CT, ULPA\_WM, ULOC\_CT, ULOC\_WM, ULBASAL, ULCAPCR, ULBSTEM, ULCEREB, URFR\_CT, URFR\_WM, URTM\_CT, URTM\_WM, URPA\_CT, URPA\_WM, UROC\_CT, UROC\_WM, URBASAL, URCAPCR, URBSTEM, URCEREB** – are variable names for lesion locations. The values were derived from the **ULOC1-12** and **UEXNT1-12** values. For example, a value of “1” for **ULFR\_CT** would mean that the values for one of the **ULOC1-12** variables will have a value of “0”. The corresponding **UEXNTn** variable will have a value of “5”; the corresponding **USIDEn** variable will have a value of “L”, and the corresponding **UDESCn** variable will have a value of “LI05” (assuming the type was infarctive).
- **ULESION** – is the variable name for “infarct/lesion evident on MRI.” This variable has a value of “1” if **ULOC1** ≥ 0.
- **UANYNEW, UANYLOST, UANYIMPB, UNANYIMPP, UANYWRSB, UANYWRSP** – are variable names for types of changes in lesions. Values for these variables were derived by comparing lesion information on the current study with that on previous studies.

**J. Inter-Relationship With Other Datasets:**

- MRA data obtained at the same time as MRI data, beginning in March 1996, were collected on

Form Abbreviation	SAS Dataset	See Section
MRA	<b>MRA_PUB.SD2</b>	2.2

- Neuropsychological evaluation data were collected on

Form Abbreviation	SAS Dataset	See Section
NPC	<b>NPC_PUBN.SD2</b>	2.3
ACC	<b>ACC_PUBN.SD2</b>	2.4

- Neurological event data were collected on

Form Abbreviation	SAS Dataset	See Section

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HXP	HXP_PUBN.SD2	1.1
NCVA	NCVAPUBN.SD2	3.1
CVA	CVA_PUBN.SD2	3.2
--	CVAADPUB.SD2	3.3

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TO BE COMPLETED BY RADIOLOGY TECHNICIAN

1. Person completing form (Name): MRIFC (Initials):
2. Date of procedure (Month/Day/Year): MRIDATE
3. Department film/Scan ID number: MRIFILNG
3.1 Is the patient's MRI films/scan data available on tape? MRIDONTP 1. NO 2. YES

TO BE COMPLETED BY THE DATA COORDINATOR

4. Date film sent to Statistical Coordinating Center (SCC) (Month/Day/Year): MRISCC
4.1 Reason for procedure 1. Routine CSSCD study requirement 2. Other reason MRIRSNP

MRIORSN

4.2 1. New neurological event 4.2.1. Date of event: MRIDOE
2. Follow-up of old neurological event
3. Other, specify: MRIORSP
4.3 Specify type of neurological event:
1. Seizures MRISPNE
2. CVA
4.3.1. Type of CVA MRICVA
1. TIA 2. Occlusive 3. Hemorrhagic 4. Unknown
3. Other, specify: MRIROTH

TO BE COMPLETED AT THE SCC

Institutional Report: MRIIRPT 1. Not Received 2. Received
Institutional Diagnosis: 1. Normal 2. Abnormal 3. Equivocal
Study Number: MRISTNU Date of last MRI study:

TO BE COMPLETED BY READERS

MRIDTMRI

5. READERS: A. (Name): MRIA (Initials):
B. (Name): MRIB (Initials):

6. Date read (Month/Day/Year): MRIDATER

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7. Study:

1. ACCEPTED       2. REJECTED

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7.1 Reasons:

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8. **SCAN QUALITY (CHECK ONE):**

**MRIGUAL**

1. Excellent
2. Slight Artifact/Motion, Adequate
3. Severe Artifact/Motion, Inadequate

9. **GENERAL APPEARANCE (CHECK ONE):**

1. No atrophy       2. Atrophy       3. Equivocal

**MRIGAPP**

9.1 Is the atrophy:

A. GENERAL:       1. NO       2. YES      **MRIGACQG**

↓

1. Sulcal	<input type="checkbox"/> 1. NO	<input type="checkbox"/> 2. YES	<b>MRIGSUL</b>
2. Ventricular	<input type="checkbox"/> 1. NO	<input type="checkbox"/> 2. YES	<b>MRIGVENT</b>
3. Level of severity	<input type="checkbox"/> A. MILD	<input type="checkbox"/> B. MODERATE	<input type="checkbox"/> C. SEVERE <b>MRIGSEV</b>

B. FOCAL:       1. NO       2. YES      **MRIGACQF**

↓

1. Sulcal	<input type="checkbox"/> 1. NO	<input type="checkbox"/> 2. YES	<b>MRIFSUL</b>
2. Ventricular	<input type="checkbox"/> 1. NO	<input type="checkbox"/> 2. YES	<b>MRIEVENT</b>
3. Specify Area:	<b>MRIFSPEC</b>		

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USE THE FOLLOWING CODES FOR QUESTIONS 9.2 a - b AND 9.3 a - b

CODES
<b>A. IMPROVED</b>
<b>B. SAME</b>
<b>C. WORSE</b>
<b>D. CANNOT DETERMINE</b>

9.2 Status of *Generalized* atrophy compared to: (Enter Code)      **MRIGSTP**       **MRIGSTB**       **a. Previous study**      **b. Baseline study**

9.3 Status of *Focal* atrophy compared to: (Enter Code)      **MRIFSTP**            

**10. DISCRETE FINDINGS (COMPLETE TABLE FOR UP TO 7 LESIONS USING THE CODES BELOW)**

SIDE:	TYPE:	SIZE:	LOCATION:	STATUS:
R = Right L = Left	H = Hemorrhage I = Infarct	0 = Small (Punctate) (few mm) 1 = Medium (ovoid) (0.5 - 1.5cm) 2 = Large (geographic) (≥ 1.5cm)	0 = Frontal 1 = Temporal 2 = Parietal 3 = Occipital 4 = Basal ganglia or Thalamic (caudate, putamen, globus pallidus) 5 = Cortex 6 = Capsular/Corona 7 = Centrum semiovale 8 = Brain stem 9 = Cerebellum	A = Improved B = Same (no progression) C = Worse (progression) D = Cannot determine N = New lesion

**\*\*NOTE: See documentation manual for variable names & coding\*\***

LESION NUMBER	SIDE	TYPE	SIZE	LOCATION(S)				STATUS COMPARED TO:	
				1	2	3	4	PREVIOUS STUDY	BASELINE STUDY
1.	<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"/>
2.	<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"/>
3.	<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"/>
4.	<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"/>
5.	<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"/>
6.	<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"/>
7.	<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"/>



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**11. VASCULATURE (COMPLETE THE TABLE USING THE FOLLOWING CODES):**

DESCRIPTION CODES:
<b>0 = NOT SEEN (Technically)</b>
<b>1 = VISUALIZED</b>
<b>2 = OCCLUDED</b>
<b>3 = DISEASED</b>

			A. RIGHT	B. LEFT
11.1. ICC	<b>MRIRICC</b>	<b>MRILICC</b>	<input type="text"/>	<input type="text"/>
11.2. ICS	<b>MRIRICS</b>	<b>MRILICS</b>	<input type="text"/>	<input type="text"/>
11.3. MCA	<b>MRIRMCA</b>	<b>MRILMCA</b>	<input type="text"/>	<input type="text"/>
11.4. ACA	<b>MRIRACA</b>	<b>MRILACA</b>	<input type="text"/>	<input type="text"/>
11.5. PCA	<b>MRIRPCA</b>	<b>MRILPCA</b>	<input type="text"/>	<input type="text"/>
11.6. Basilar	<b>MRIBAS</b>		<input type="text"/>	

11.7. Collateral Blood Vessels (**CHECK ONE**):     1. RIGHT     2. LEFT     3. BOTH     4. NOT PRESENT

11.8.a. Has there been progression of vasculature abnormalities since the previous study?     1. NO     2. YES

**MRICBVP**

11.9. Specify Vessels:    **MRICBVPV**

11.8.b. Has there been progression of vasculature abnormalities since the baseline study?     1. NO     2. YES

**MRICBVB**

11.10. Specify Vessels:    **MRICBVBV**

**12. BONY CHANGES (CHECK ONE):**

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1. Normal

2. Diffuse thickening

3. Focal abnormality    **MRIBONE**

↓  
12.1 Specify:    **MRIBONAB**

**USE THE FOLLOWING CODES FOR QUESTIONS 12.2 a - b**

CODES
<b>A. IMPROVED</b>
<b>B. SAME (NO PROGRESSION)</b>
<b>C. WORSE (PROGRESSION)</b>
<b>D. CANNOT DETERMINE</b>

12.2 Status of bony changes compared to:    **(Enter Code)**

a. Previous study    b. Baseline study

**MRIBONEP**     **MRIBONEB**

13. Other Abnormalities:

1. NO     2. YES

**MR10TABN**

↓  
SPECIFY:    **MR1ABN1**

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Signature of Data Coordinator: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

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**QUESTION-BY-QUESTION SPECIFICATIONS FOR THE MRI, MRI REPEAT STUDY FORM**

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**AND MRI 3 STUDY FORM**

**Only questions 1-4 will be completed** by clinic/local MRI personnel. The first 3 questions are to be completed by the radiology technician/technologist who performs the MRI test. Question 4 is to be completed by the Data Coordinator. The remainder of the form will be completed by the central reading panel.

**Question 1. Person completing form:** The radiology technician/technologist completing the form should enter his/her name on the line and initials in the three boxes to the right of the line.

**Question 2. Date of procedure:** The date the MRI was done should be entered in the MM/DDYY date format (e.g., October 24, 1994 would be entered as 10/24/94).

**Question 3. Department film/Scan ID number:** The radiology technician/technologist should enter the department ID number of the MRI films.

**Question 3.1 Is the patient's MRI film/scan data available on tape?** The radiology technician/technologist should place a check mark in the appropriate response box (1. NO or 2. YES).

**Question 4. Date films sent to Statistical Coordinating Center:** The Data Coordinator should enter the date that (s)he sent the form, films and institutional report to the SOC. The date should be entered in the MM/DD/YY date format (e.g., October 24, 1994 would be entered as 10/24/94).

**Question 4.1. Reason for Procedure:** The Data Coordinator should place a check mark in the appropriate response box: 1. Routine CSSCD study requirement or 2. Other reason. If the response is 2. Other reason, Question 4.2 MUST be answered: 1. New neurological event, 2. Follow-up of old neurological event, or 3. Other. If the response is "New neurological event," the date of the event should be recorded (Question 4.2.1). If the response is "3. Other," the reason should be written in on the specify line, If the MRI was done because of a neurological event, the appropriate box corresponding to the type of neurological event (i.e., 1. Seizures, 2. CVA, or 3. Other) should be checked (Question 4.3). If the type of event is a CVA, then the appropriate box corresponding to the type of CVA (1. TIA, 2. Occlusive stroke, or 3. Hemorrhagic stroke) should be checked (Question 4.3.1). If the type of neurological event is "3. Other," the type of event should

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be specified.

**DATA MODIFICATIONS FOR LIMITED ACCESS DATA DISTRIBUTION**

A. The following variable has been deleted for privacy protection.

**MRICVA MRIOTH MRIR1 MRIR2**

CODEBOOK FOR CSSCD FORM MR3

MRI STUDY FORM

CSSCD INFANT COHORT PATIENTS

CONTENTS OF SAS DATASET: MRI\_PUBN.SD2

DATA FROM CSSCD FORM MRI - MRI FORM

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

IN THE SAS DATASET AND ON FORM MRI

DATE VARIABLES HAVE BEEN REMOVED & CSSCD ID #S REPLACED W/ ANONYMIZED ID #

The SAS System

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The CONTENTS Procedure

Data Set Name:	IN.MRI_PUBN	Observations:	1182
Member Type:	DATA	Variables:	243
Engine:	V6	Indexes:	0
Created:	11:45 Monday, February 9, 2004	Observation Length:	1506
Last Modified:	11:45 Monday, February 9, 2004	Deleted Observations:	0
Protection:		Compressed:	NO
Data Set Type:		Sorted:	NO
Label:			

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

Data Set Page Size:	16384
Number of Data Set Pages:	121
First Data Page:	2
Max Obs per Page:	10
Obs in First Data Page:	1
Number of Data Set Repairs:	0
File Name:	mri_pubn.sd2
Release Created:	6.08.00
Host Created:	WIN

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

#	Variable	Type	Len	Pos	Format	Informat	Label
1	ANONID	Char	8	0			ANONYMIZED ID #
247	ATR_UPD	Char	3	1503			STUDY RE-REVIEWED FOR ATROPHY
37	MRIABN1	Char	35	334			OTHER ABNORMALITY 1 SPECIFY
8	MRIACQF	Num	8	50	2.	2.	91B IS THE ATROPHY FOCAL
4	MRIACQG	Num	8	24	2.	2.	91A IS THE ATROPHY GENERAL
26	MRIBAS	Num	8	192			116 VASCULATURE BASILAR
33	MRIBONAB	Char	30	292			121 BONY CHANGE FOCAL ABNORMALTY SPECIFY
32	MRIBONE	Num	8	284			12 BONY CHANGES
35	MRIBONEB	Char	2	324			COMPARISON OF BONES TO BASELINE
34	MRIBONEP	Char	2	322			COMPARISON OF BONES TO PREVIOUS
27	MRICBV	Num	8	200			117 COLLATERAL BLOOD VESSELS
30	MRICBVB	Num	8	246			118B PROGRESS VASC ABNORM SINCE BASELINE
31	MRICBVBV	Char	30	254			1110 SPECIFY VESSELS W/PROGRESS ABNORMAL
28	MRICBVP	Num	8	208			118A PROGRESS VASC ABNORM SINCE LAST MRI
29	MRICBVPV	Char	30	216			119 SPECIFY VESSELS W/PROGRESS ABNORMAL
44	MRIDONTP	Num	8	415			31 IS MRI FILM/SCAN DATA AVAIL ON TAPE
43	MRIFILNO	Char	10	405			3 DEPARTMENT FILM/SCAN ID NUMBER
11	MRIFSPEC	Char	30	74			91B3 SPECIFY AREA OF FOCAL ATROPHY
15	MRIFSTB	Char	2	110			92B STATUS FOCAL ATROPHY TO BASELINE
14	MRIFSTP	Char	2	108			92B STATUS FOCAL ATROPHY TO PREV STUDY
9	MRIFSUL	Num	8	58	2.	2.	91B1 FOCAL ATROPHY SULCAL
10	MRIFVENT	Num	8	66	2.	2.	91B2 FOCAL ATROPHY VENTRICULAR
3	MRIGAPP	Num	8	16	2.	2.	9 MRI GENERAL APPEARANCE
7	MRIGSEV	Char	2	48			91A3 GENERAL ATROPHY LEVEL OF SEVERITY
13	MRIGSTB	Char	2	106			92B STATUS GENERAL ATROPHY TO BASELINE
12	MRIGSTP	Char	2	104			92A STATUS GENERAL ATROPHY TO PREV STUDY

SECTION 2.1 MRI 3 STUDY FORM

FORM MR3

CODEBOOK FOR CSSCD FORM MR3

MRI STUDY FORM

CSSCD INFANT COHORT PATIENTS

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5	MRIGSUL	Num	8	32	2.	2.	91A1	GENERAL ATROPHY SULCAL
6	MRIGVENT	Num	8	40	2.	2.	91A2	GENERAL ATROPHY VENTRICULAR

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CODEBOOK FOR CSSCD FORM MR3

MRI STUDY FORM

CSSCD INFANT COHORT PATIENTS

The SAS System

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

#	Variable	Type	Len	Pos	Format	Informat	Label
2	MRIID2	Num	8	8	3.	3.	FOLLOW-UP IDENTIFIER
51	MRIIRPT	Num	8	525			INSTITUTIONAL REPORT RECEIVED/NOT RECVD
23	MRILACA	Num	8	168			114B VASCULATURE LEFT ACA
17	MRILICC	Num	8	120			111B VASCULATURE LEFT ICC
19	MRILICS	Num	8	136			112B VASCULATURE LEFT ICS
21	MRILMCA	Num	8	152			113B VASCULATURE LEFT MCA
59	MRILOC11	Num	8	565			10 DISCREET FINDINGS LESION 1 LOCATION 1
60	MRILOC12	Num	8	573			10 DISCREET FINDINGS LESION 1 LOCATION 2
61	MRILOC13	Num	8	581			10 DISCREET FINDINGS LESION 1 LOCATION 3
62	MRILOC14	Num	8	589			10 DISCREET FINDINGS LESION 1 LOCATION 4
68	MRILOC21	Num	8	609			10 DISCREET FINDINGS LESION 2 LOCATION 1
69	MRILOC22	Num	8	617			10 DISCREET FINDINGS LESION 2 LOCATION 2
70	MRILOC23	Num	8	625			10 DISCREET FINDINGS LESION 2 LOCATION 3
71	MRILOC24	Num	8	633			10 DISCREET FINDINGS LESION 2 LOCATION 4
77	MRILOC31	Num	8	653			10 DISCREET FINDINGS LESION 3 LOCATION 1
78	MRILOC32	Num	8	661			10 DISCREET FINDINGS LESION 3 LOCATION 2
79	MRILOC33	Num	8	669			10 DISCREET FINDINGS LESION 3 LOCATION 3
80	MRILOC34	Num	8	677			10 DISCREET FINDINGS LESION 3 LOCATION 4
86	MRILOC41	Num	8	697			10 DISCREET FINDINGS LESION 4 LOCATION 1
87	MRILOC42	Num	8	705			10 DISCREET FINDINGS LESION 4 LOCATION 2
88	MRILOC43	Num	8	713			10 DISCREET FINDINGS LESION 4 LOCATION 3
89	MRILOC44	Num	8	721			10 DISCREET FINDINGS LESION 4 LOCATION 4
95	MRILOC51	Num	8	741			10 DISCREET FINDINGS LESION 5 LOCATION 1
96	MRILOC52	Num	8	749			10 DISCREET FINDINGS LESION 5 LOCATION 2
97	MRILOC53	Num	8	757			10 DISCREET FINDINGS LESION 5 LOCATION 3
98	MRILOC54	Num	8	765			10 DISCREET FINDINGS LESION 5 LOCATION 4
104	MRILOC61	Num	8	785			10 DISCREET FINDINGS LESION 6 LOCATION 1
105	MRILOC62	Num	8	793			10 DISCREET FINDINGS LESION 6 LOCATION 2
106	MRILOC63	Num	8	801			10 DISCREET FINDINGS LESION 6 LOCATION 3
107	MRILOC64	Num	8	809			10 DISCREET FINDINGS LESION 6 LOCATION 4
113	MRILOC71	Num	8	829			10 DISCREET FINDINGS LESION 7 LOCATION 1
114	MRILOC72	Num	8	837			10 DISCREET FINDINGS LESION 7 LOCATION 2
115	MRILOC73	Num	8	845			10 DISCREET FINDINGS LESION 7 LOCATION 3
116	MRILOC74	Num	8	853			10 DISCREET FINDINGS LESION 7 LOCATION 4
63	MRILOC1B	Char	1	597			10 DIS FIND LES 1 STATUS COMP BASELINE
64	MRILOC1P	Char	1	598			10 DIS FIND LES 1 STATUS COMP PREV STUDY
72	MRILOC2B	Char	1	641			10 DIS FIND LES 2 STATUS COMP BASELINE
73	MRILOC2P	Char	1	642			10 DIS FIND LES 2 STATUS COMP PREV STUDY
81	MRILOC3B	Char	1	685			10 DIS FIND LES 3 STATUS COMP BASELINE
82	MRILOC3P	Char	1	686			10 DIS FIND LES 3 STATUS COMP PREV STUDY
90	MRILOC4B	Char	1	729			10 DIS FIND LES 4 STATUS COMP BASELINE
91	MRILOC4P	Char	1	730			10 DIS FIND LES 4 STATUS COMP PREV STUDY
99	MRILOC5B	Char	1	773			10 DIS FIND LES 5 STATUS COMP BASELINE
100	MRILOC5P	Char	1	774			10 DIS FIND LES 5 STATUS COMP PREV STUDY
108	MRILOC6B	Char	1	817			10 DIS FIND LES 6 STATUS COMP BASELINE
109	MRILOC6P	Char	1	818			10 DIS FIND LES 6 STATUS COMP PREV STUDY
117	MRILOC7B	Char	1	861			10 DIS FIND LES 7 STATUS COMP BASELINE
118	MRILOC7P	Char	1	862			10 DIS FIND LES 7 STATUS COMP PREV STUDY
25	MRILPCA	Num	8	184			115B VASCULATURE LEFT PCA
46	MRIORSN	Num	8	431			42 OTHER REASON (NEW,FOLLOW-UP,OTHER)
47	MRIORSN	Char	35	439			422 OTHER SPECIFY
36	MRIOTABN	Num	8	326			OTHER ABNORMALITIES

SECTION 2.1 MRI 3 STUDY FORM

FORM MR3

CODEBOOK FOR CSSCD FORM MR3

MRI STUDY FORM

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#	Variable	Type	Len	Pos	Format	Informat	Label
55	MRQUAL	Num	8	547			8 MRI SCAN QUALITY
22	MRIRACA	Num	8	160			114A VASCULATURE RIGHT ACA
16	MRIRICC	Num	8	112			111A VASCULATURE RIGHT ICC
18	MRIRICS	Num	8	128			112A VASCULATURE RIGHT ICS
20	MRIRMCA	Num	8	144			113A VASCULATURE RIGHT MCA
24	MRIRPCA	Num	8	176			115A VASCULATURE RIGHT PCA
45	MRIRSNP	Num	8	423			41 REASON MRI PERFORMED
56	MRISIDE1	Char	1	555			10 DISCREET FINDINGS LESION 1 SIDE
65	MRISIDE2	Char	1	599			10 DISCREET FINDINGS LESION 2 SIDE
74	MRISIDE3	Char	1	643			10 DISCREET FINDINGS LESION 3 SIDE
83	MRISIDE4	Char	1	687			10 DISCREET FINDINGS LESION 4 SIDE
92	MRISIDE5	Char	1	731			10 DISCREET FINDINGS LESION 5 SIDE
101	MRISIDE6	Char	1	775			10 DISCREET FINDINGS LESION 6 SIDE
110	MRISIDE7	Char	1	819			10 DISCREET FINDINGS LESION 7 SIDE
58	MRISIZE1	Num	8	557			10 DISCREET FINDINGS LESION 1 SIZE
67	MRISIZE2	Num	8	601			10 DISCREET FINDINGS LESION 2 SIZE
76	MRISIZE3	Num	8	645			10 DISCREET FINDINGS LESION 3 SIZE
85	MRISIZE4	Num	8	689			10 DISCREET FINDINGS LESION 4 SIZE
94	MRISIZE5	Num	8	733			10 DISCREET FINDINGS LESION 5 SIZE
103	MRISIZE6	Num	8	777			10 DISCREET FINDINGS LESION 6 SIZE
112	MRISIZE7	Num	8	821			10 DISCREET FINDINGS LESION 7 SIZE
48	MRISPNE	Num	8	474			43 SPECIFY TYPE OF NEUROLOGICAL EVENT
52	MRISTNUM	Num	8	533			MRI STUDY NUMBER
57	MRITYPE1	Char	1	556			10 DISCREET FINDINGS LESION 1 TYPE
66	MRITYPE2	Char	1	600			10 DISCREET FINDINGS LESION 2 TYPE
75	MRITYPE3	Char	1	644			10 DISCREET FINDINGS LESION 3 TYPE
84	MRITYPE4	Char	1	688			10 DISCREET FINDINGS LESION 4 TYPE
93	MRITYPE5	Char	1	732			10 DISCREET FINDINGS LESION 5 TYPE
102	MRITYPE6	Char	1	776			10 DISCREET FINDINGS LESION 6 TYPE
111	MRITYPE7	Char	1	820			10 DISCREET FINDINGS LESION 7 TYPE
41	MRI_ID	Num	8	393			MRI IDENTIFIER (ACCEPTED MRIs)
38	MRI_N	Num	8	369			NUMBER OF MRI FILMS
39	MRI_NA	Num	8	377			NUMBER OF ACCEPTED MRI FILMS
40	MRI_NAS	Num	8	385			NUMBER OF ACCEPTED AND SCHEDULED MRIs
42	SOURCE	Char	4	401			SOURCE FILE
219	UANYIMPB	Num	8	1279			(UPDATED) BASE. COMP INDICATES IMPROVED
220	UANYIMPP	Num	8	1287			(UPDATED) PREV. COMP INDICATES IMPROVED
218	UANYLOST	Num	8	1271			(UPDATED) AT LEAST ONE LESION LOST
217	UANYNEW	Num	8	1263			(UPDATED) AT LEAST ONE NEW LESION
221	UANYWRSB	Num	8	1295			(UPDATED) BASE. COMP INDICATES WORSENING
222	UANYWRSP	Num	8	1303			(UPDATED) PREV. COMP INDICATES WORSENING
215	UBASELES	Num	8	1247			(UPDATED) BASELINE LESION
125	UCMPB1	Char	1	893			UPDATED COMPARISON TO BASELINE
133	UCMPB2	Char	1	925			UPDATED COMPARISON TO BASELINE
141	UCMPB3	Char	1	957			UPDATED COMPARISON TO BASELINE
149	UCMPB4	Char	1	989			UPDATED COMPARISON TO BASELINE
157	UCMPB5	Char	1	1021			UPDATED COMPARISON TO BASELINE
165	UCMPB6	Char	1	1053			UPDATED COMPARISON TO BASELINE
173	UCMPB7	Char	1	1085			UPDATED COMPARISON TO BASELINE



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#	Variable	Type	Len	Pos	Format	Informat	Label
181	UCMPB8	Char	1	1117			UPDATED COMPARISON TO BASELINE
189	UCMPB9	Char	1	1149			UPDATED COMPARISON TO BASELINE
197	UCMPB10	Char	1	1181			UPDATED COMPARISON TO BASELINE
205	UCMPB11	Char	1	1213			UPDATED COMPARISON TO BASELINE
213	UCMPB12	Char	1	1245			UPDATED COMPARISON TO BASELINE
126	UCMPP1	Char	1	894			UPDATED COMPARISON TO PREVIOUS
134	UCMPP2	Char	1	926			UPDATED COMPARISON TO PREVIOUS
142	UCMPP3	Char	1	958			UPDATED COMPARISON TO PREVIOUS
150	UCMPP4	Char	1	990			UPDATED COMPARISON TO PREVIOUS
158	UCMPP5	Char	1	1022			UPDATED COMPARISON TO PREVIOUS
166	UCMPP6	Char	1	1054			UPDATED COMPARISON TO PREVIOUS
174	UCMPP7	Char	1	1086			UPDATED COMPARISON TO PREVIOUS
182	UCMPP8	Char	1	1118			UPDATED COMPARISON TO PREVIOUS
190	UCMPP9	Char	1	1150			UPDATED COMPARISON TO PREVIOUS
198	UCMPP10	Char	1	1182			UPDATED COMPARISON TO PREVIOUS
206	UCMPP11	Char	1	1214			UPDATED COMPARISON TO PREVIOUS
214	UCMPP12	Char	1	1246			UPDATED COMPARISON TO PREVIOUS
119	UDESC1	Char	4	863			UPDATED LESION DESCRIPTION
127	UDESC2	Char	4	895			UPDATED LESION DESCRIPTION
135	UDESC3	Char	4	927			UPDATED LESION DESCRIPTION
143	UDESC4	Char	4	959			UPDATED LESION DESCRIPTION
151	UDESC5	Char	4	991			UPDATED LESION DESCRIPTION
159	UDESC6	Char	4	1023			UPDATED LESION DESCRIPTION
167	UDESC7	Char	4	1055			UPDATED LESION DESCRIPTION
175	UDESC8	Char	4	1087			UPDATED LESION DESCRIPTION
183	UDESC9	Char	4	1119			UPDATED LESION DESCRIPTION
191	UDESC10	Char	4	1151			UPDATED LESION DESCRIPTION
199	UDESC11	Char	4	1183			UPDATED LESION DESCRIPTION
207	UDESC12	Char	4	1215			UPDATED LESION DESCRIPTION
124	UEXNT1	Num	8	885			UPDATED LESION EXTENT
132	UEXNT2	Num	8	917			UPDATED LESION EXTENT
140	UEXNT3	Num	8	949			UPDATED LESION EXTENT
148	UEXNT4	Num	8	981			UPDATED LESION EXTENT
156	UEXNT5	Num	8	1013			UPDATED LESION EXTENT
164	UEXNT6	Num	8	1045			UPDATED LESION EXTENT
172	UEXNT7	Num	8	1077			UPDATED LESION EXTENT
180	UEXNT8	Num	8	1109			UPDATED LESION EXTENT
188	UEXNT9	Num	8	1141			UPDATED LESION EXTENT
196	UEXNT10	Num	8	1173			UPDATED LESION EXTENT
204	UEXNT11	Num	8	1205			UPDATED LESION EXTENT
212	UEXNT12	Num	8	1237			UPDATED LESION EXTENT
231	ULBASAL	Num	8	1375			(UPDATED) LESION IN L BASAL/THALAMUS
233	ULBSTEM	Num	8	1391			(UPDATED) LESION IN L BRAIN STEM
232	ULCAPCR	Num	8	1383			(UPDATED) LESION IN L CAPSULAR/CORONA
234	ULCEREB	Num	8	1399			(UPDATED) LESION IN L CEREBELLUM
216	ULESION	Num	8	1255			(UPDATED) INFARCT/LESION EVIDENT ON MRI
223	ULFR_CT	Num	8	1311			(UPDATED) LESION IN L FRONTAL CORTEX
224	ULFR_WM	Num	8	1319			(UPDATED) LESION IN L FRONTAL W MATTER
123	ULOC1	Num	8	877			UPDATED LESION LOCATION
131	ULOC2	Num	8	909			UPDATED LESION LOCATION
139	ULOC3	Num	8	941			UPDATED LESION LOCATION
147	ULOC4	Num	8	973			UPDATED LESION LOCATION

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#	Variable	Type	Len	Pos	Format	Informat	Label
155	ULOC5	Num	8	1005			UPDATED LESION LOCATION
163	ULOC6	Num	8	1037			UPDATED LESION LOCATION
171	ULOC7	Num	8	1069			UPDATED LESION LOCATION
179	ULOC8	Num	8	1101			UPDATED LESION LOCATION
187	ULOC9	Num	8	1133			UPDATED LESION LOCATION
195	ULOC10	Num	8	1165			UPDATED LESION LOCATION
203	ULOC11	Num	8	1197			UPDATED LESION LOCATION
211	ULOC12	Num	8	1229			UPDATED LESION LOCATION
229	ULOC_CT	Num	8	1359			(UPDATED) LESION IN L OCCIPITAL CORTEX
230	ULOC_WM	Num	8	1367			(UPDATED) LESION IN L OCCIPITAL W MATTER
227	ULPA_CT	Num	8	1343			(UPDATED) LESION IN L PARIETAL CORTEX
228	ULPA_WM	Num	8	1351			(UPDATED) LESION IN L PARIETAL W MATTER
225	ULTM_CT	Num	8	1327			(UPDATED) LESION IN L TEMPORAL CORTEX
226	ULTM_WM	Num	8	1335			(UPDATED) LESION IN L TEMPORAL W MATTER
243	URBASAL	Num	8	1471			(UPDATED) LESION IN R BASAL/THALAMUS
245	URBSTEM	Num	8	1487			(UPDATED) LESION IN R BRAIN STEM
244	URCAPCR	Num	8	1479			(UPDATED) LESION IN R CAPSULAR/CORONA
246	URCEREB	Num	8	1495			(UPDATED) LESION IN R CEREBELLUM
235	URFR_CT	Num	8	1407			(UPDATED) LESION IN R FRONTAL CORTEX
236	URFR_WM	Num	8	1415			(UPDATED) LESION IN R FRONTAL W MATTER
241	UROC_CT	Num	8	1455			(UPDATED) LESION IN R OCCIPITAL CORTEX
242	UROC_WM	Num	8	1463			(UPDATED) LESION IN R OCCIPITAL W MATTER
239	URPA_CT	Num	8	1439			(UPDATED) LESION IN R PARIETAL CORTEX
240	URPA_WM	Num	8	1447			(UPDATED) LESION IN R PARIETAL W MATTER
237	URTM_CT	Num	8	1423			(UPDATED) LESION IN R TEMPORAL CORTEX
238	URTM_WM	Num	8	1431			(UPDATED) LESION IN R TEMPORAL W MATTER
120	USIDE1	Char	1	867			UPDATED LESION SIDE
128	USIDE2	Char	1	899			UPDATED LESION SIDE
136	USIDE3	Char	1	931			UPDATED LESION SIDE
144	USIDE4	Char	1	963			UPDATED LESION SIDE
152	USIDE5	Char	1	995			UPDATED LESION SIDE
160	USIDE6	Char	1	1027			UPDATED LESION SIDE
168	USIDE7	Char	1	1059			UPDATED LESION SIDE
176	USIDE8	Char	1	1091			UPDATED LESION SIDE
184	USIDE9	Char	1	1123			UPDATED LESION SIDE
192	USIDE10	Char	1	1155			UPDATED LESION SIDE
200	USIDE11	Char	1	1187			UPDATED LESION SIDE
208	USIDE12	Char	1	1219			UPDATED LESION SIDE
122	USIZE1	Num	8	869			UPDATED LESION SIZE
130	USIZE2	Num	8	901			UPDATED LESION SIZE
138	USIZE3	Num	8	933			UPDATED LESION SIZE
146	USIZE4	Num	8	965			UPDATED LESION SIZE
154	USIZE5	Num	8	997			UPDATED LESION SIZE
162	USIZE6	Num	8	1029			UPDATED LESION SIZE
170	USIZE7	Num	8	1061			UPDATED LESION SIZE
178	USIZE8	Num	8	1093			UPDATED LESION SIZE
186	USIZE9	Num	8	1125			UPDATED LESION SIZE
194	USIZE10	Num	8	1157			UPDATED LESION SIZE
202	USIZE11	Num	8	1189			UPDATED LESION SIZE
210	USIZE12	Num	8	1221			UPDATED LESION SIZE
121	UTYPE1	Char	1	868			UPDATED LESION TYPE
129	UTYPE2	Char	1	900			UPDATED LESION TYPE

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#	Variable	Type	Len	Pos	Format	Informat	Label
137	UTYPE3	Char	1	932			UPDATED LESION TYPE
145	UTYPE4	Char	1	964			UPDATED LESION TYPE
153	UTYPE5	Char	1	996			UPDATED LESION TYPE
161	UTYPE6	Char	1	1028			UPDATED LESION TYPE
169	UTYPE7	Char	1	1060			UPDATED LESION TYPE
177	UTYPE8	Char	1	1092			UPDATED LESION TYPE
185	UTYPE9	Char	1	1124			UPDATED LESION TYPE
193	UTYPE10	Char	1	1156			UPDATED LESION TYPE
201	UTYPE11	Char	1	1188			UPDATED LESION TYPE
209	UTYPE12	Char	1	1220			UPDATED LESION TYPE

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

PROC FORMAT;

\*Format NO\_YES used for the following variables: MRIDONTP MRIACQG MRIGSUL MRIGVENT  
MRIACQF MRIFSUL MRIFVENT MRICBVP  
MRICBVB MRIOTABN;

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

VALUE MRIRSNP 1='ROUTINE CSSCD REQUIREMENT'  
2='OTHER REASON'  
3='BOTH';

VALUE MRIORSN 1='NEW NEUROLOGICAL EVENT'  
2='FOLLOW-UP OF OLD NEUROLOGICAL EVENT'  
3='OTHER';

VALUE MRISPNE 1='SEIZURES'  
2='CVA'  
3='OTHER';

VALUE MRICVA 1='TIA'  
2='OCCLUSIVE'  
3='HEMORRHAGIC'  
4='UNKNOWN';

VALUE MRIIRPT 1='NOT RECEIVED'  
2='RECEIVED';

VALUE MRIQUAL 1='EXCELLENT'  
2='SLIGHT ARTIFACT/MOTION, ADEQUATE'  
3='SEVERE ARTIFACT/MOTION, INADEQUATE';

VALUE MRIGAPP 1='NO ATROPHY'  
2='ATROPHY'  
3='EQUIVOCAL';

VALUE \$MRIGSEV A='MILD'  
B='MODERATE'  
C='SEVERE';

CODEBOOK FOR CSSCD FORM MR3

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\*Format STATUS used for the following variables: MRIGSTP MRIGSTB MRIFSTP MRIFSTB;

VALUE \$STATUS   A='IMPROVED'  
                  B='SAME'  
                  C='WORSE'  
                  D='CANNOT DETERMINE';

\*Format SIDE used for the following variables: MRISIDE1 MRISIDE2 MRISIDE3 MRISIDE4  
  MRISIDE5 MRISIDE6 MRISIDE7;

VALUE \$SIDE     R='RIGHT'  
                  L='LEFT';

\*Format TYPE used for the following variables: MRITYPE1 MRITYPE2 MRITYPE3 MRITYPE4  
  MRITYPE5 MRITYPE6 MRITYPE7;

VALUE \$TYPE     H='HEMORRHAGE'  
                  I='INFARCT';

\*Format SIZE used for the following variables: MRISIZE1 MRISIZE2 MRISIZE3 MRISIZE4  
  MRISIZE5 MRISIZE6 MRISIZE7 USIZE1-USIZE12;

VALUE SIZE      0='SMALL (PUNCTATE) (FEW MM)'  
                  1='MEDIUM (OVOID) (0.5-1.5 CM)'  
                  2='LARGE (GEOGRAPHIC) (>= 1.5 CM)';

\*Format LOCATION used for the following variables: MRILOC11 MRILOC12 MRILOC13 MRILOC14  
  MRILOC21 MRILOC22 MRILOC23 MRILOC24  
  MRILOC31 MRILOC32 MRILOC33 MRILOC34  
  MRILOC41 MRILOC42 MRILOC43 MRILOC44  
  MRILOC51 MRILOC52 MRILOC53 MRILOC54  
  MRILOC61 MRILOC62 MRILOC63 MRILOC64  
  MRILOC71 MRILOC72 MRILOC73 MRILOC74  
  ULOC1-ULOC12 UEXNT1-UEXNT12;

VALUE LOCATION  0='FRONTAL '  
                  1='TEMPORAL '  
                  2='PARIETAL '  
                  3='OCCIPITAL '  
                  4='BASAL GANGLIA OR THALAMIC '  
                  5='CORTEX '  
                  6='CAPSULAR/CORONA '  
                  7='CENTRUM SEMIOVALE '  
                  8='BRAIN STEM '  
                  9='CEREBELLUM';

\*Format LES\_STAT used for the following variables: MRILOC1P MRILOC1B MRILOC2P MRILOC2B  
  MRILOC3P MRILOC3B MRILOC4P MRILOC4B  
  MRILOC5P MRILOC5B MRILOC6P MRILOC6B  
  MRILOC7P MRILOC7B UCMPB1-UCMPB12

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UCMPP1-UCMPP12;

VALUE \$LES\_STAT A='IMPROVED'  
B='SAME (NO PROGRESSION)'  
C='WORSE (PROGRESSION)'  
D='CANNOT DETERMINE'  
N='NEW LESION';

\*Format VASCULAT used for the following variables: MRIRICC MRILICC MRIRICS MRILICS MRIRMCA  
MRILMCA MRIRACA MRILACA MRIRPCA MRILPCA  
MRIBAS;

VALUE VASCULAT 0='NOT SEEN'  
1='VISUALIZED'  
2='OCCLUDED'  
3='DISEASED';

VALUE CBV 1='RIGHT'  
2='LEFT'  
3='BOTH'  
4='NOT PRESENT';

VALUE MRIBONE 1='NORMAL'  
2='DIFFUSE THICKENING'  
3='FOCAL ABNORMALITY';

\*Format BONE\_CH used for the following variables: MRIBONEP MRIBONEB;

VALUE \$BONE\_CH A='IMPROVED'  
B='SAME (NO PROGRESSION)'  
C='WORSE (PROGRESSION)'  
D='CANNOT DETERMINE';

\*Format NOYESU used for following variables UBASELES--URCEREB;

VALUE NOYESU 0 = 'NO'  
1 = 'YES';

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MRIID2 ----- FOLLOW-UP IDENTIFIER

type: numeric (float)

range: [1,999] units: 1  
unique values: 16 coded missing: 0 / 1182

tabulation: Freq.	Value	tabulation: Freq.	Value
250	1	312	11
5	2	7	12
3	3	215	13
1	4	1	14
322	5	14	15
4	6	2	16
5	7	36	17
4	9	1	999

SOURCE ----- SOURCE FILE

type: string (str4)

unique values: 3 coded missing: 0 / 1182

tabulation: Freq.	Value
407	"MR3"
419	"MRI"
356	"MRIR"

MRIDONTTP ----- 31 IS MRI FILM/SCAN DATA AVAIL ON TAPE

type: numeric (float)  
label: MRIDONTTP

range: [0,2] units: 1  
unique values: 3 coded missing: 112 / 1182

tabulation: Freq.	Numeric	Label
269	0	
95	1	NO
706	2	YES

MRIDONTTP:

1. Not required if SOURCE='MRI'.

MRIRSNP ----- 41 REASON MRI PERFORMED

type: numeric (float)  
label: MRIRSNP

range: [1,3] units: 1  
unique values: 3 coded missing: 421 / 1182

tabulation: Freq.	Numeric	Label
744	1	ROUTINE CSSCD REQUIREMENT
14	2	OTHER REASON
3	3	BOTH

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MRIORSN ----- 42 OTHER REASON (NEW,FOLLOW-UP,OTHER) **DELETED**

type: numeric (float)  
 label: MRIORSN  
 range: [1,3] units: 1  
 unique values: 3 coded missing: 1165 / 1182  
 tabulation: Freq. Numeric Label

11	1	NEW NEUROLOGICAL EVENT
2	2	FOLLOW-UP OF OLD NEUROLOGICAL EVENT
4	3	OTHER

MRIORSN:  
 1. Required only if MRIRSNP >= 2.

MRIORSP ----- 422 OTHER SPECIFY **DELETED**

type: string (str35)  
 unique values: 4 coded missing: 1178 / 1182  
 tabulation: Freq. Value

1	"FALLING ASLEEP IN SCHOOL"
1	"FU FOR LACUNAR INFARCT"
1	"HEADACHES"
1	"UNKNOWN TO SCC"

MRIORSP:  
 1. Required only if MRIORSN=3.

MRISPNE ----- 43 SPECIFY TYPE OF NEUROLOGICAL EVENT

type: numeric (float)  
 label: MRISPNE  
 range: [1,3] units: 1  
 unique values: 3 coded missing: 1168 / 1182  
 tabulation: Freq. Numeric Label

1	1	SEIZURES
11	2	CVA
2	3	OTHER

MRISPNE:  
 1. Required only if MRIORSN = 1 or 2.

MRICVA ----- 431 TYPE OF CVA **DELETED**

type: numeric (float)  
 label: MRICVA  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 1171 / 1182  
 tabulation: Freq. Numeric Label

5	1	TIA
6	2	OCCLUSIVE

MRICVA:  
 1. Required only if MRISPNE = 2





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MRIR1 ----- 5A MRI READER 1 INITIALS **DELETED**

type: string (str3)  
unique values: 3                      coded missing: 0 / 1182

tabulation:	Freq.	Value
	206	"FM"
	458	"JAB"
	518	"RZ"

MRIR2 ----- 5B MRI READER 2 INITIALS **DELETED**

type: string (str3)  
unique values: 5                      coded missing: 0 / 1182

tabulation:	Freq.	Value
	576	"FM"
	1	"FRM"
	304	"JAB"
	1	"JB"
	300	"RZ"

MRIQUAL ----- 8 MRI SCAN QUALITY

type: numeric (float)  
label: MRIQUAL  
range: [1,2]                      units: 1  
unique values: 2                      coded missing: 4 / 1182

tabulation:	Freq.	Numeric	Label
	262	1	EXCELLENT
	916	2	SLIGHT ARTIFACT/MOTION, ADEQUATE

MRIGAPP ----- 9 MRI GENERAL APPEARANCE

type: numeric (float)  
label: MRIGAPP  
range: [1,2]                      units: 1  
unique values: 2                      coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1045	1	NO ATROPHY
	137	2	ATROPHY

MRIACQG ----- 91A IS THE ATROPHY GENERAL

type: numeric (float)  
label: MRIACQG  
range: [1,2]                      units: 1  
unique values: 2                      coded missing: 1045 / 1182

tabulation:	Freq.	Numeric	Label
	108	1	NO
	29	2	YES

MRIACQG:

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---

1. Required only if MRIGAPP = 2.

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---

SECTION 2.1 MRI 3 STUDY FORM

FORM MR3

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MRIGSUL ----- 91A1 GENERAL ATROPHY SULCAL

type: numeric (float)  
label: MRIGSUL  
range: [1,2] units: 1  
unique values: 2 coded missing: 1153 / 1182

tabulation:	Freq.	Numeric	Label
	10	1	NO
	19	2	YES

MRIGSUL:

1. Required only if MRIACQG = 2.

MRIGVENT ----- 91A2 GENERAL ATROPHY VENTRICULAR

type: numeric (float)  
label: MRIGVENT  
range: [1,2] units: 1  
unique values: 2 coded missing: 1153 / 1182

tabulation:	Freq.	Numeric	Label
	11	1	NO
	18	2	YES

MRIGVENT:

1. Required only if MRIACQG = 2.

MRIGSEV ----- 91A3 GENERAL ATROPHY LEVEL OF SEVERITY

type: string (str2)  
unique values: 4 coded missing: 1116 / 1182

tabulation:	Freq.	Value
	37	"-7"
	18	"A"
	10	"B"
	1	"C"

MRIGSEV:

1. Required only if MRIACQG = 2.

MRIACQF ----- 91B IS THE ATROPHY FOCAL

type: numeric (float)  
label: MRIACQF  
range: [1,2] units: 1  
unique values: 2 coded missing: 1045 / 1182

tabulation:	Freq.	Numeric	Label
	16	1	NO
	121	2	YES

MRIACQF:

1. Required only if MRIGAPP = 2.

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---

MRIFSUL ----- 91B1 FOCAL ATROPHY SULCAL

type: numeric (float)  
label: MRIFSUL

range: [1,2] units: 1  
unique values: 2 coded missing: 1061 / 1182

tabulation:	Freq.	Numeric	Label
	10	1	NO
	111	2	YES

MRIFSUL:

1. Required only if MRIACQF = 2.

MRIFVENT ----- 91B2 FOCAL ATROPHY VENTRICULAR

type: numeric (float)  
label: MRIFVENT

range: [1,2] units: 1  
unique values: 2 coded missing: 1062 / 1182

tabulation:	Freq.	Numeric	Label
	60	1	NO
	60	2	YES

MRIFVENT:

1. Required only if MRIACQF = 2.

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MRIFSPEC ----- 91B3 SPECIFY AREA OF FOCAL ATROPHY

type: string (str30)

unique values: 58

coded missing: 1050 / 1182

tab: Freq.	Value	tab: Freq.	Value
11	"-7"	1	"L. FRONTAL & PARIETAL"
1	"AREA L FRONTAL+PARIETAL INFARCT"	1	"L. FRONTAL INFARCT"
2	"BI FRONTAL"	2	"L. FRONTAL-PARIETAL"
1	"BI PARIETAL + R FRONTAL"	1	"L. LATERAL VENTRICLE"
5	"BIFRONTAL"	1	"L. PARIETAL"
1	"BIFRONTAL + PARIETAL"	1	"LARGE LEFT MCA INFARCT"
1	"BILATERAL FRONTAL"	4	"LEFT FRONTAL"
1	"BILATERAL FRONTAL INFARCTS"	2	"LEFT HEMISPHERE"
1	"BIOCCIPITAL; BIFRONTAL"	1	"LEFT PARIETAL ATROPHY"
3	"BIPARIETAL"	1	"OCCIPITAL, FRONTAL, PARIETAL"
1	"BIPARIETAL & FRONTAL"	1	"PARIETAL L > R"
1	"BIPARIETAL & R FRONTAL"	1	"PARIETAL L>R"
8	"FRONTAL"	2	"R CEREBELLAR"
1	"FRONTAL L > R"	14	"R FRONTAL"
1	"FRONTAL; R > L; MILD"	1	"R FRONTAL & BIPARIETAL"
1	"L > R"	2	"R FRONTAL & PARIETAL"
1	"L AT AREA OF INFARCT"	1	"R FRONTAL + PARIETAL"
4	"L FRONTAL"	1	"R FRONTAL, 4 LOBES ON LEFT"
4	"L FRONTAL & PARIETAL"	1	"R FRONTAL, MULTIPLE LOBES ON L"
1	"L FRONTAL + PARIETAL"	6	"R PARIETAL"
5	"L FRONTAL, TEMPORAL, PARIETAL"	1	"R TEMPORAL PARIETAL"
3	"L FRONTAL-PARIETAL"	1	"R. FRONTAL"
3	"L HEMISPHERE"	1	"R. FRONTAL-PARIETAL"
3	"L LATERAL VENTRICLE"	1	"RIGHT CEREBELLAR"
1	"L LATERAL VENTRICLE NR INFARCT"	2	"RIGHT PARIETAL"
2	"L OCCIPITAL"	5	"RIGHT TEMPORAL PARIETAL"
3	"L PARIETAL"	1	"RIGHT TEMPORAL-PARIETAL"
1	"L PARIETAL,FRONTAL,FRNTL HORN"	1	"RT. FRONTAL ATROPHY"
2	"L. FRONTAL"	1	"RT. TEMPORAL HORN"

MRIFSPEC:

1. Required only if MRIACQF = 2.

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---

MRIGSTP ----- 92A STATUS GENERAL ATROPHY TO PREV STUDY

type: string (str2)

unique values: 3

coded missing: 746 / 1182

tabulation: Freq. Value  
28 "-7"  
404 "B"  
4 "C"

MRIGSTP:

1. Not required for baseline or first follow up studies.

MRIGSTB ----- 92B STATUS GENERAL ATROPHY TO BASELINE

type: string (str2)

unique values: 5

coded missing: 610 / 1182

tabulation: Freq. Value  
16 "-7"  
1 "A"  
550 "B"  
4 "C"  
1 "D"

MRIGSTB:

1. Not required for baseline studies.

MRIFSTP ----- 92B STATUS FOCAL ATROPHY TO PREV STUDY

type: string (str2)

unique values: 3

coded missing: 747 / 1182

tabulation: Freq. Value  
28 "-7"  
402 "B"  
5 "C"

MRIFSTP:

1. Not required for baseline or first follow-up studies.

MRIFSTB ----- 92B STATUS FOCAL ATROPHY TO BASELINE

type: string (str2)

unique values: 4

coded missing: 597 / 1182

tabulation: Freq. Value  
16 "-7"  
1 "A"  
537 "B"  
31 "C"

MRIFSTB:

1. Not required for baseline studies.

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UBASELES ----- (UPDATED) BASELINE LESION

type: numeric (float)  
label: UBASELES  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	904	0	NO
	278	1	YES

UBASELES:

1. SEE SECTION ON SUMMARY VARIABLES.

ULESION ----- (UPDATED) INFARCT/LESION EVIDENT ON MRI

type: numeric (float)  
label: ULESION  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	888	0	NO
	294	1	YES

ULESION:

1. SEE SECTION ON SUMMARY VARIABLES.

UANYNEW ----- (UPDATED) AT LEAST ONE NEW LESION

type: numeric (float)  
label: UANYNEW  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1153	0	NO
	29	1	YES

UANYNEW:

1. SEE SECTION ON SUMMARY VARIABLES.

UANYLOST ----- (UPDATED) AT LEAST ONE LESION LOST

type: numeric (float)  
label: UANYLOST  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1174	0	NO
	8	1	YES

UANYLOST:

1. SEE SECTION ON SUMMARY VARIABLES.



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UANYIMPB ----- (UPDATED) BASE. COMP INDICATES IMPROVED

type: numeric (float)  
label: UANYIMPB  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1157	0	NO
	25	1	YES

UANYIMPB:

1. SEE SECTION ON SUMMARY VARIABLES.

UANYIMPP ----- (UPDATED) PREV. COMP INDICATES IMPROVED

type: numeric (float)  
label: UANYIMPP  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1161	0	NO
	21	1	YES

UANYIMPP:

1. SEE SECTION ON SUMMARY VARIABLES.

UANYWRSB ----- (UPDATED) BASE. COMP INDICATES WORSENING

type: numeric (float)  
label: UANYWRSB  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1163	0	NO
	19	1	YES

UANYWRSB:

1. SEE SECTION ON SUMMARY VARIABLES.

UANYWRSP ----- (UPDATED) PREV. COMP INDICATES WORSENING

type: numeric (float)  
label: UANYWRSP  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1176	0	NO
	6	1	YES

UANYWRSP:

1. SEE SECTION ON SUMMARY VARIABLES.

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ULFR\_CT ----- (UPDATED) LESION IN L FRONTAL CORTEX

type: numeric (float)  
label: ULFR\_CT  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1121	0	NO
	61	1	YES

ULFR\_CT:

1. SEE SECTION ON SUMMARY VARIABLES.

ULFR\_WM ----- (UPDATED) LESION IN L FRONTAL W MATTER

type: numeric (float)  
label: ULFR\_WM  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	985	0	NO
	197	1	YES

ULFR\_WM:

1. SEE SECTION ON SUMMARY VARIABLES.

ULTM\_CT ----- (UPDATED) LESION IN L TEMPORAL CORTEX

type: numeric (float)  
label: ULTM\_CT  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1170	0	NO
	12	1	YES

ULTM\_CT:

1. SEE SECTION ON SUMMARY VARIABLES.

ULTM\_WM ----- (UPDATED) LESION IN L TEMPORAL W MATTER

type: numeric (float)  
label: ULTM\_WM  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1156	0	NO
	26	1	YES

ULTM\_WM:

1. SEE SECTION ON SUMMARY VARIABLES.

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ULPA\_CT ----- (UPDATED) LESION IN L PARIETAL CORTEX

type: numeric (float)  
label: ULPA\_CT  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1128	0	NO
	54	1	YES

ULPA\_CT:

1. SEE SECTION ON SUMMARY VARIABLES.

ULPA\_WM ----- (UPDATED) LESION IN L PARIETAL W MATTER

type: numeric (float)  
label: ULPA\_WM  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1057	0	NO
	125	1	YES

ULPA\_WM:

1. SEE SECTION ON SUMMARY VARIABLES.

ULOC\_CT ----- (UPDATED) LESION IN L OCCIPITAL CORTEX

type: numeric (float)  
label: ULOC\_CT  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1172	0	NO
	10	1	YES

ULOC\_CT:

1. SEE SECTION ON SUMMARY VARIABLES.

ULOC\_WM ----- (UPDATED) LESION IN L OCCIPITAL W MATTER

type: numeric (float)  
label: ULOC\_WM  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1173	0	NO
	9	1	YES

ULOC\_WM:

1. SEE SECTION ON SUMMARY VARIABLES.

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ULBASAL ----- (UPDATED) LESION IN L BASAL/THALAMUS

type: numeric (float)  
label: ULBASAL  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1111	0	NO
	71	1	YES

ULBASAL:

1. SEE SECTION ON SUMMARY VARIABLES.

ULCAPCR ----- (UPDATED) LESION IN L CAPSULAR/CORONA

type: numeric (float)  
label: ULCAPCR  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1176	0	NO
	6	1	YES

ULCAPCR:

1. SEE SECTION ON SUMMARY VARIABLES.

ULBSTEM ----- (UPDATED) LESION IN L BRAIN STEM

type: numeric (float)  
label: ULBSTEM  
range: [0,0] units: 0  
unique values: 1 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1182	0	NO

ULBSTEM:

1. SEE SECTION ON SUMMARY VARIABLES.

ULCEREB ----- (UPDATED) LESION IN L CEREBELLUM

type: numeric (float)  
label: ULCEREB  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1177	0	NO
	5	1	YES

ULCEREB:

1. SEE SECTION ON SUMMARY VARIABLES.

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---

URFR\_CT ----- (UPDATED) LESION IN R FRONTAL CORTEX

type: numeric (float)  
label: URFR\_CT  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1135	0	NO
	47	1	YES

URFR\_CT:

1. SEE SECTION ON SUMMARY VARIABLES.

URFR\_WM ----- (UPDATED) LESION IN R FRONTAL W MATTER

type: numeric (float)  
label: URFR\_WM  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	987	0	NO
	195	1	YES

URFR\_WM:

1. SEE SECTION ON SUMMARY VARIABLES.

URTM\_CT ----- (UPDATED) LESION IN R TEMPORAL CORTEX

type: numeric (float)  
label: URTM\_CT  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1178	0	NO
	4	1	YES

URTM\_CT:

1. SEE SECTION ON SUMMARY VARIABLES.

URTM\_WM ----- (UPDATED) LESION IN R TEMPORAL W MATTER

type: numeric (float)  
label: URTM\_WM  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1167	0	NO
	15	1	YES

URTM\_WM:

1. SEE SECTION ON SUMMARY VARIABLES.

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URPA\_CT ----- (UPDATED) LESION IN R PARIETAL CORTEX

type: numeric (float)  
label: URPA\_CT  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1132	0	NO
	50	1	YES

URPA\_CT:

1. SEE SECTION ON SUMMARY VARIABLES.

URPA\_WM ----- (UPDATED) LESION IN R PARIETAL W MATTER

type: numeric (float)  
label: URPA\_WM  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1076	0	NO
	106	1	YES

URPA\_WM:

1. SEE SECTION ON SUMMARY VARIABLES.

UROC\_CT ----- (UPDATED) LESION IN R OCCIPITAL CORTEX

type: numeric (float)  
label: UROC\_CT  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1174	0	NO
	8	1	YES

UROC\_CT:

1. SEE SECTION ON SUMMARY VARIABLES.

UROC\_WM ----- (UPDATED) LESION IN R OCCIPITAL W MATTER

type: numeric (float)  
label: UROC\_WM  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1176	0	NO
	6	1	YES

UROC\_WM:

1. SEE SECTION ON SUMMARY VARIABLES.

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URBASAL ----- (UPDATED) LESION IN R BASAL/THALAMUS

type: numeric (float)  
label: URBASAL  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1122	0	NO
	60	1	YES

URBASAL:

1. SEE SECTION ON SUMMARY VARIABLES.

URCAPCR ----- (UPDATED) LESION IN R CAPSULAR/CORONA

type: numeric (float)  
label: URCAPCR  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1175	0	NO
	7	1	YES

URCAPCR:

1. SEE SECTION ON SUMMARY VARIABLES.

URBSTEM ----- (UPDATED) LESION IN R BRAIN STEM

type: numeric (float)  
label: URBSTEM  
range: [0,0] units: 0  
unique values: 1 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1182	0	NO

URBSTEM:

1. SEE SECTION ON SUMMARY VARIABLES.

URCEREB ----- (UPDATED) LESION IN R CEREBELLUM

type: numeric (float)  
label: URCEREB  
range: [0,1] units: 1  
unique values: 2 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1178	0	NO
	4	1	YES

URCEREB:

1. SEE SECTION ON SUMMARY VARIABLES.

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MRIRICC ----- 111A VASCULATURE RIGHT ICC

type: numeric (float)  
label: MRIRICC

range: [0,3] units: 1  
unique values: 4 coded missing: 1 / 1182

tabulation:	Freq.	Numeric	Label
	2	0	NOT SEEN
	1167	1	VISUALIZED
	4	2	OCCLUDED
	8	3	DISEASED

MRILICC ----- 111B VASCULATURE LEFT ICC

type: numeric (float)  
label: MRILICC

range: [0,3] units: 1  
unique values: 4 coded missing: 1 / 1182

tabulation:	Freq.	Numeric	Label
	3	0	NOT SEEN
	1159	1	VISUALIZED
	11	2	OCCLUDED
	8	3	DISEASED

MRIRICS ----- 112A VASCULATURE RIGHT ICS

type: numeric (float)  
label: MRIRICS

range: [0,3] units: 1  
unique values: 4 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	11	0	NOT SEEN
	1160	1	VISUALIZED
	4	2	OCCLUDED
	7	3	DISEASED

MRILICS ----- 112B VASCULATURE LEFT ICS

type: numeric (float)  
label: MRILICS

range: [0,3] units: 1  
unique values: 4 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	11	0	NOT SEEN
	1150	1	VISUALIZED
	10	2	OCCLUDED
	11	3	DISEASED



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MRIRMCA ----- 113A VASCULATURE RIGHT MCA

type: numeric (float)  
label: MRIRMCA

range: [0,3] units: 1  
unique values: 4 coded missing: 1 / 1182

tabulation:	Freq.	Numeric	Label
	18	0	NOT SEEN
	1152	1	VISUALIZED
	2	2	OCCLUDED
	9	3	DISEASED

MRILMCA ----- 113B VASCULATURE LEFT MCA

type: numeric (float)  
label: MRILMCA

range: [0,3] units: 1  
unique values: 4 coded missing: 1 / 1182

tabulation:	Freq.	Numeric	Label
	15	0	NOT SEEN
	1140	1	VISUALIZED
	7	2	OCCLUDED
	19	3	DISEASED

MRIRACA ----- 114A VASCULATURE RIGHT ACA

type: numeric (float)  
label: MRIRACA

range: [0,2] units: 1  
unique values: 3 coded missing: 1 / 1182

tabulation:	Freq.	Numeric	Label
	6	0	NOT SEEN
	1174	1	VISUALIZED
	1	2	OCCLUDED

MRILACA ----- 114B VASCULATURE LEFT ACA

type: numeric (float)  
label: MRILACA

range: [0,3] units: 1  
unique values: 4 coded missing: 1 / 1182

tabulation:	Freq.	Numeric	Label
	12	0	NOT SEEN
	1164	1	VISUALIZED
	1	2	OCCLUDED
	4	3	DISEASED

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MRIRPCA ----- 115A VASCULATURE RIGHT PCA

type: numeric (float)  
 label: MRIRPCA  
 range: [0,1] units: 1  
 unique values: 2 coded missing: 3 / 1182

tabulation:	Freq.	Numeric	Label
	20	0	NOT SEEN
	1159	1	VISUALIZED

MRILPCA ----- 115B VASCULATURE LEFT PCA

type: numeric (float)  
 label: MRILPCA  
 range: [0,1] units: 1  
 unique values: 2 coded missing: 3 / 1182

tabulation:	Freq.	Numeric	Label
	24	0	NOT SEEN
	1155	1	VISUALIZED

MRIBAS ----- 116 VASCULATURE BASILAR

type: numeric (float)  
 label: MRIBAS  
 range: [1,1] units: 1  
 unique values: 1 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1182	1	VISUALIZED

MRICBV ----- 117 COLLATERAL BLOOD VESSELS

type: numeric (float)  
 label: MRICBV  
 range: [1,4] units: 1  
 unique values: 4 coded missing: 0 / 1182

tabulation:	Freq.	Numeric	Label
	1	1	RIGHT
	4	2	LEFT
	7	3	BOTH
	1170	4	NOT PRESENT

MRICBVP ----- 118A PROGRESS VASC ABNORM SINCE LAST MRI

type: numeric (float)  
 label: MRICBVP  
 range: [1,2] units: 1  
 unique values: 2 coded missing: 422 / 1182

tabulation:	Freq.	Numeric	Label
	754	1	NO
	6	2	YES

MRICBVP:

1. Not required for baseline or first follow-up studies.



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MRIBONE ----- 12 BONY CHANGES

type: numeric (float)  
label: MRIBONE

range: [1,3] units: 1  
unique values: 3 coded missing: 1 / 1182

tabulation:	Freq.	Numeric	Label
	845	1	NORMAL
	235	2	DIFFUSE THICKENING
	101	3	FOCAL ABNORMALITY

MRIBONAB ----- 121 BONY CHANGE FOCAL ABNORMALTY SPECIFY

type: string (str30)

unique values: 28 coded missing: 957 / 1182

tabulation:	Freq.	Value
	112	"-7"
	4	"BIPARIETAL"
	8	"ESPECIALLY PARIETAL"
	14	"FRONTAL"
	1	"FRONTAL & OCCIPITAL"
	2	"FRONTAL & PARIETAL"
	1	"FRONTAL + PARIETAL"
	3	"FRONTAL THICKENING"
	1	"FRONTAL, BILATERAL"
	1	"FRONTAL-OCCIPITAL"
	1	"FRONTAL-PARIETAL"
	1	"L PARIETAL"
	2	"L. PARIETAL"
	11	"OCCIPITAL"
	1	"OCCIPITAL THICKENING"
	9	"OCCIPITAL-PARIETAL"
	2	"OCCIPITAL-PARIETAL - MILD"
	2	"OCCIPITAL-PARIETAL PROMINENCE"
	1	"OCCIPITAL-PARIETAL THICKENING"
	1	"PARIETO-OCCIPITAL"
	38	"PARIETAL"
	3	"PARIETAL & GREATER WINGS"
	1	"PARIETAL & SPHENOID PROMINENCE"
	1	"PARIETAL (MINIMAL)"
	1	"PARIETAL, OCCIPITAL"
	1	"PARIETAL-SPHENOID PROMINENCE"
	1	"PLANUN SUBFRONTAL"
	1	"THICKENING FRONTAL & PARIETAL"

MRIBONAB:

1. Required only if MRIBONE = 3.

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MRIBONEP ----- COMPARISON OF BONES TO PREVIOUS

type: string (str2)

unique values: 3

coded missing: 464 / 1182

tabulation:	Freq.	Value
	3	"A"
	631	"B"
	84	"C"

MRIBONEP:

1. Not required for baseline or first follow-up studies.

MRIBONEB ----- COMPARISON OF BONES TO BASELINE

type: string (str2)

unique values: 4

coded missing: 421 / 1182

tabulation:	Freq.	Value
	4	"A"
	593	"B"
	163	"C"
	1	"D"

MRIBONEB:

1. Not required for baseline studies.

\_dta:

1. Created 08/28/2000.