

**Cohort, Exam 2****Stroke Data****Description of the TIA/Stroke Variables**

The diagnostic computer algorithm creates variables for each of six symptoms:

Symptom	Variable Name
speech	SPCDIA21
vision	VISDIA21
double vision	DBLDIA21
numbness	NUMDIA21
paralysis	PARDIA21
dizziness	DIZDIA21

For simplicity, this group of variables will be referred to in this document as \*DIA21.

The values of the \*DIA21 variables indicate whether a TIA or stroke occurred in what arterial distribution. The arterial distributions include left carotid artery (LC), right carotid artery (RC), and vertebrobasilar system (VBI or VB). Thus, the possible values for the \*DIA21 variables are: TIALC, TIARC, TIAVBI, STROKELC, STROKERC, STROKEVB, UNKNOWN, MISSING.

**Creation of TIA Intermediate Variables**

If one or more of the \*DIA21 variables are equal to TIALC, then the intermediate categorical variable TIALC21 is set to Y. If no \*DIA21 variable has a value of TIALC and one or more of the \*DIA21 variables have the value UNKNOWN, then TIALC21 is set to U. If no \*DIA21 variable has a value of TIALC or UNKNOWN and one or more of the \*DIA21 variables are MISSING or blank, then TIALC21 is set to M. If none of the preceding conditions is satisfied then TIALC21 is set to N.

Similar logic is used to create intermediate variables for the other two arterial distributions: right carotid artery (TIARC21) and vertebrobasilar system (TIAVB21).

**Creation of STROKE Intermediate Variables**

Three intermediate variables for stroke (STKLC21, STKRC21, and STKVB21) are created in much the same manner as the variables for TIA described in 2 above; that is, the STROKE variables are defined by replacing TIA with STROKE in the description above.

**Creation of TIA/STROKE Intermediate Variables**

Three intermediate variables STIAC21, STIARC21, and STIAVB21, are created based on the values of the TIA and STROKE intermediate variables.

**Cohort, Exam 2****Stroke data**

The values of the \*DIA21 variables indicate whether a TIA or stroke occurred in what arterial distribution.

<i>DBLDIA21</i>		<i>Double Vision</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15	MISSING	
14272	NE	
8	STROKEVB	Stroke Vertebrobasilar System
52	TIAVBI	TIA Vertebrobasilar System

<i>DIZDIA21</i>		<i>Dizziness</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
21	MISSING	
14281	NE	
11	STROKEVB	Stroke Vertebrobasilar System
34	TIAVBI	TIA Vertebrobasilar System

<i>ID</i>		<i>Aric Subject ID (Cir)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14347	Present	Text suppressed

<i>NUMDIA21</i>		<i>Numbness</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16	MISSING	
14225	NE	
16	STROKELC	Stroke Left Carotid Artery
21	STROKERC	Stroke Right Carotid Artery
9	STROKEVB	Stroke Vertebrobasilar System
25	TIALC	TIA Left Carotid Artery
24	TIARC	TIA Right Carotid Artery
9	TIAVBI	TIA Vertebrobasilar System
2	UNKNOWN	

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<i>PARDIA21</i>		<i>Paralysis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14	MISSING	
14252	NE	
20	STROKELC	Stroke Left Carotid Artery
15	STROKERC	Stroke Right Carotid Artery
5	STROKEVB	Stroke Vertebrobasilar System
14	TIALC	TIA Left Carotid Artery
12	TIARC	TIA Right Carotid Artery
11	TIAVBI	TIA Vertebrobasilar System
4	UNKNOWN	

<i>SPCDIA21</i>		<i>Speech Problem</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16	MISSING	
14217	NE	
45	STROKELC	Stroke Left Carotid Artery
1	STROKERC	Stroke Right Carotid Artery
15	STROKEVB	Stroke Vertebrobasilar System
46	TIALC	TIA Left Carotid Artery
1	TIARC	TIA Right Carotid Artery
6	TIAVBI	TIA Vertebrobasilar System

<i>STKLC21</i>		<i>Stroke-Left Carotid</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
33	M	Missing
14220	N	No
6	U	Unknown
88	Y	Yes

<i>STKRC21</i>		<i>Stroke-Right Carotid</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
31	M	Missing
14253	N	No
6	U	Unknown
57	Y	Yes

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<i>STKVB21</i>		<i>Stroke-VBI</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
33	M	Missing
14264	N	No
5	U	Unknown
45	Y	Yes

<i>STROKE21</i>		<i>Stroke</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
31	M	Missing
14150	N	No
5	U	Unknown
161	Y	Yes

<i>VISDIA21</i>		<i>Vision Problem</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
17	MISSING	
14194	NE	
25	STROKELC	Stroke Left Carotid Artery
26	STROKERC	Stroke Right Carotid Artery
10	STROKEVB	Stroke Vertebrobasilar System
28	TIALC	TIA Left Carotid Artery
29	TIARC	TIA Right Carotid Artery
18	TIAVBI	TIA Vertebrobasilar System