

# STUDY OF BRAIN TUMORS IN ADULTS

## Section G. Family history of cancer

Now I have a few questions about some of your (\_\_\_\_\_’s) blood relatives. I am only interested in (your/his/her) relatives who are related by blood. Do not include adopted or foster relatives. I will be asking about (your/his/her) mother, father, sisters, brothers, and children.

G1. First, (are you/was he/she) adopted?

YES ..... 1  
NO ..... 2 (G3)  
DK ..... 8

G2. Can you answer questions about the health of (your/his/her) blood relatives, that is (your/his/her) biological parents, full brothers or sisters, or half-brothers or -sisters?

YES ..... 1  
NO ..... 2 (G11e)

G3. (Were you/Was he/she) born a twin (or triplet)?

YES ..... 1  
NO ..... 2 (G5)  
DK ..... 8 (G5)

G4. (Were you/Was he/she) born an identical or fraternal twin (or triplet)?

IDENTICAL ..... 1  
FRATERNAL ..... 2  
DK ..... 8

G5. In what year was (your/his/her) mother born?

|\_|\_|\_|\_|  
YEAR

DK ..... 98

G6. Is she alive now?

YES ..... 1 (G8)  
NO ..... 2  
DK ..... 8 (G8)

G7. In what year or at what age did she die?

|\_|\_|\_|\_| OR |\_|\_|\_|  
YEAR AGE

DK ..... 98

G8. In what year was (your/his/her) father born?

|\_|\_|\_|\_|  
YEAR

DK .....98

G9. Is he alive now?

YES .....1 (G11)

NO .....2

DK .....8 (G11)

G10. In what year or at what age did he die?

|\_|\_|\_|\_|  
YEAR

OR

|\_|\_|  
AGE

DK .....98

G11. How many (RELATIONSHIP) (do you/does your \_\_\_\_\_) have, both living and deceased? FOR EACH RELATIONSHIP WITH A NUMBER ENTERED IN THE BOX, GO TO Q.G12, ENTER THE FIRST NAMES, CIRCLE THE RELATIONSHIP CODES AND ASK Q.G13 THROUGH G16, AS APPROPRIATE. THEN, GO TO BOX G1.)

- a. full sisters |\_|\_|  
#
- NONE .....00 (b)
- DK .....98 (b)
- b. full brothers |\_|\_|  
#
- NONE .....00 (c)
- DK .....98 (c)
- c. half-sisters |\_|\_|  
#
- NONE .....00 (d)
- DK .....98 (d)
- d. half-brothers |\_|\_|  
#
- NONE .....00 (e)
- DK .....98 (e)
- e. daughters |\_|\_|  
#
- NONE .....00 (f)
- DK .....98 (f)
- f. sons |\_|\_|  
#
- NONE .....00 (BOX G1)
- DK .....98 (BOX G1)

**BOX G1**

**IF G2 = 1 AND ALL RESPONSES TO G11a THROUGH f = 00 (S. HAS NONE OF THE RELATIVES LISTED), SKIP TO G17 INTRO AND READ PHRASE FOR MOTHER AND FATHER ONLY.**

**IF G2 = 2 AND G11e AND G11f = 00, SKIP TO NEXT SECTION.**

**OTHERWISE, AFTER COMPLETING G12-G16, GO TO G17 INTRO.**

(COMPLETE GRID FOR ALL RELATIVES IDENTIFIED IN G11 THEN GO TO G17 INTRO.)

G12. Could I please have the first name(s) of (your/his/her) (RELATIONSHIP)?	G13. Which parent (do you/does your _____) share with (NAME)?	G14. In what year was (NAME) born?	G15. Is (he/she) alive now?	G16. In what year or at what age did (he/she) die?
a. NAME: _____  FULL SISTER . . . . . 1 (G14) FULL BROTHER . . . . . 2 (G14) HALF-SISTER . . . . . 3 HALF-BROTHER . . . . . 4 DAUGHTER . . . . . 5 (G14) SON . . . . . 6 (G14)	MOTHER . . . . . 1  FATHER . . . . . 2  DK . . . . . 8	_ _ _ _  YEAR  OR   _ _  AGE  DK . . . . . 98	YES . . . . . 1 (b)  NO . . . . . 2  DK . . . . . 8 (b)	_ _ _ _  YEAR  OR   _ _  AGE  DK . . . . . 98
b. NAME: _____  FULL SISTER . . . . . 1 (G14) FULL BROTHER . . . . . 2 (G14) HALF-SISTER . . . . . 3 HALF-BROTHER . . . . . 4 DAUGHTER . . . . . 5 (G14) SON . . . . . 6 (G14)	MOTHER . . . . . 1  FATHER . . . . . 2  DK . . . . . 8	_ _ _ _  YEAR  OR   _ _  AGE  DK . . . . . 98	YES . . . . . 1 (c)  NO . . . . . 2  DK . . . . . 8 (c)	_ _ _ _  YEAR  OR   _ _  AGE  DK . . . . . 98
c. NAME: _____  FULL SISTER . . . . . 1 (G14) FULL BROTHER . . . . . 2 (G14) HALF-SISTER . . . . . 3 HALF-BROTHER . . . . . 4 DAUGHTER . . . . . 5 (G14) SON . . . . . 6 (G14)	MOTHER . . . . . 1  FATHER . . . . . 2  DK . . . . . 8	_ _ _ _  YEAR  OR   _ _  AGE  DK . . . . . 98	YES . . . . . 1 (d)  NO . . . . . 2  DK . . . . . 8 (d)	_ _ _ _  YEAR  OR   _ _  AGE  DK . . . . . 98
d. NAME: _____  FULL SISTER . . . . . 1 (G14) FULL BROTHER . . . . . 2 (G14) HALF-SISTER . . . . . 3 HALF-BROTHER . . . . . 4 DAUGHTER . . . . . 5 (G14) SON . . . . . 6 (G14)	MOTHER . . . . . 1  FATHER . . . . . 2  DK . . . . . 8	_ _ _ _  YEAR  OR   _ _  AGE  DK . . . . . 98	YES . . . . . 1 (e)  NO . . . . . 2  DK . . . . . 8 (e)	_ _ _ _  YEAR  OR   _ _  AGE  DK . . . . . 98
e. NAME: _____  FULL SISTER . . . . . 1 (G14) FULL BROTHER . . . . . 2 (G14) HALF-SISTER . . . . . 3 HALF-BROTHER . . . . . 4 DAUGHTER . . . . . 5 (G14) SON . . . . . 6 (G14)	MOTHER . . . . . 1  FATHER . . . . . 2  DK . . . . . 8	_ _ _ _  YEAR  OR   _ _  AGE  DK . . . . . 98	YES . . . . . 1 (f)  NO . . . . . 2  DK . . . . . 8 (f)	_ _ _ _  YEAR  OR   _ _  AGE  DK . . . . . 98

G12. Could I please have the first name(s) of (your/his/her) (RELATIONSHIP)?	G13. Which parent (do you/does your _____) share with (NAME)?	G14. In what year was (NAME) born?	G15. Is (he/she) alive now?	G16. In what year or at what age did (he/she) die?
f. NAME: _____  FULL SISTER ..... 1 (G14) FULL BROTHER .. 2 (G14) HALF-SISTER .... 3 HALF-BROTHER .. 4 DAUGHTER ..... 5 (G14) SON ..... 6 (G14)	MOTHER ..... 1 FATHER ..... 2 DK ..... 8	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES ..... 1 (g) NO ..... 2 DK ..... 8 (g)	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98
g. NAME: _____  FULL SISTER ..... 1 (G14) FULL BROTHER .. 2 (G14) HALF-SISTER .... 3 HALF-BROTHER .. 4 DAUGHTER ..... 5 (G14) SON ..... 6 (G14)	MOTHER ..... 1 FATHER ..... 2 DK ..... 8	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES ..... 1 (h) NO ..... 2 DK ..... 8 (h)	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98
h. NAME: _____  FULL SISTER ..... 1 (G14) FULL BROTHER .. 2 (G14) HALF-SISTER .... 3 HALF-BROTHER .. 4 DAUGHTER ..... 5 (G14) SON ..... 6 (G14)	MOTHER ..... 1 FATHER ..... 2 DK ..... 8	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES ..... 1 (i) NO ..... 2 DK ..... 8 (i)	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98
i. NAME: _____  FULL SISTER ..... 1 (G14) FULL BROTHER .. 2 (G14) HALF-SISTER .... 3 HALF-BROTHER .. 4 DAUGHTER ..... 5 (G14) SON ..... 6 (G14)	MOTHER ..... 1 FATHER ..... 2 DK ..... 8	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES ..... 1 (j) NO ..... 2 DK ..... 8 (j)	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98
j. NAME: _____  FULL SISTER ..... 1 (G14) FULL BROTHER .. 2 (G14) HALF-SISTER .... 3 HALF-BROTHER .. 4 DAUGHTER ..... 5 (G14) SON ..... 6 (G14)	MOTHER ..... 1 FATHER ..... 2 DK ..... 8	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES ..... 1 (k) NO ..... 2 DK ..... 8 (k)	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98

G12. Could I please have the first name(s) of (your/his/her) (RELATIONSHIP)?	G13. Which parent (do you/does your _____) share with (NAME)?	G14. In what year was (NAME) born?	G15. Is (he/she) alive now?	G16. In what year or at what age did (he/she) die?
k. NAME: _____  FULL SISTER ..... 1 (G14) FULL BROTHER .. 2 (G14) HALF-SISTER .... 3 HALF-BROTHER .. 4 DAUGHTER ..... 5 (G14) SON .....6 (G14)	MOTHER ..... 1 FATHER ..... 2 DK ..... 8	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES ..... 1 (l) NO ..... 2 DK ..... 8 (l)	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98
l. NAME: _____  FULL SISTER ..... 1 (G14) FULL BROTHER .. 2 (G14) HALF-SISTER .... 3 HALF-BROTHER .. 4 DAUGHTER ..... 5 (G14) SON .....6 (G14)	MOTHER ..... 1 FATHER ..... 2 DK ..... 8	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES ..... 1 (m) NO ..... 2 DK ..... 8 (m)	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98
m. NAME: _____  FULL SISTER ..... 1 (G14) FULL BROTHER .. 2 (G14) HALF-SISTER .... 3 HALF-BROTHER .. 4 DAUGHTER ..... 5 (G14) SON .....6 (G14)	MOTHER ..... 1 FATHER ..... 2 DK ..... 8	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES ..... 1 (n) NO ..... 2 DK ..... 8 (n)	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98
n. NAME: _____  FULL SISTER ..... 1 (G14) FULL BROTHER .. 2 (G14) HALF-SISTER .... 3 HALF-BROTHER .. 4 DAUGHTER ..... 5 (G14) SON .....6 (G14)	MOTHER ..... 1 FATHER ..... 2 DK ..... 8	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES ..... 1 (o) NO ..... 2 DK ..... 8 (o)	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98
o. NAME: _____  FULL SISTER ..... 1 (G14) FULL BROTHER .. 2 (G14) HALF-SISTER .... 3 HALF-BROTHER .. 4 DAUGHTER ..... 5 (G14) SON .....6 (G14)	MOTHER ..... 1 FATHER ..... 2 DK ..... 8	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES ..... 1 (p) NO ..... 2 DK ..... 8 (p)	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98

G12. Could I please have the first name(s) of (your/his/her) (RELATIONSHIP)?	G13. Which parent (do you/does your _____) share with (NAME)?	G14. In what year was (NAME) born?	G15. Is (he/she) alive now?	G16. In what year or at what age did (he/she) die?
<p>p. NAME: _____</p> <p>FULL SISTER ..... 1 (G14)  FULL BROTHER .. 2 (G14)  HALF-SISTER .... 3  HALF-BROTHER .. 4  DAUGHTER ..... 5 (G14)  SON .....6 (G14)</p>	<p>MOTHER ..... 1  FATHER ..... 2  DK ..... 8</p>	<p>____ ____ ____ ____   YEAR</p> <p>OR</p> <p>____ ____   AGE</p> <p>DK ..... 98</p>	<p>YES ..... 1 (q)  NO ..... 2  DK ..... 8 (q)</p>	<p>____ ____ ____ ____   YEAR</p> <p>OR</p> <p>____ ____   AGE</p> <p>DK ..... 98</p>
<p>q. NAME: _____</p> <p>FULL SISTER ..... 1 (G14)  FULL BROTHER .. 2 (G14)  HALF-SISTER .... 3  HALF-BROTHER .. 4  DAUGHTER ..... 5 (G14)  SON .....6 (G14)</p>	<p>MOTHER ..... 1  FATHER ..... 2  DK ..... 8</p>	<p>____ ____ ____ ____   YEAR</p> <p>OR</p> <p>____ ____   AGE</p> <p>DK ..... 98</p>	<p>YES ..... 1 (r)  NO ..... 2  DK ..... 8 (r)</p>	<p>____ ____ ____ ____   YEAR</p> <p>OR</p> <p>____ ____   AGE</p> <p>DK ..... 98</p>
<p>r. NAME: _____</p> <p>FULL SISTER ..... 1 (G14)  FULL BROTHER .. 2 (G14)  HALF-SISTER .... 3  HALF-BROTHER .. 4  DAUGHTER ..... 5 (G14)  SON .....6 (G14)</p>	<p>MOTHER ..... 1  FATHER ..... 2  DK ..... 8</p>	<p>____ ____ ____ ____   YEAR</p> <p>OR</p> <p>____ ____   AGE</p> <p>DK ..... 98</p>	<p>YES ..... 1 (s)  NO ..... 2  DK ..... 8 (s)</p>	<p>____ ____ ____ ____   YEAR</p> <p>OR</p> <p>____ ____   AGE</p> <p>DK ..... 98</p>
<p>s. NAME: _____</p> <p>FULL SISTER ..... 1 (G14)  FULL BROTHER .. 2 (G14)  HALF-SISTER .... 3  HALF-BROTHER .. 4  DAUGHTER ..... 5 (G14)  SON .....6 (G14)</p>	<p>MOTHER ..... 1  FATHER ..... 2  DK ..... 8</p>	<p>____ ____ ____ ____   YEAR</p> <p>OR</p> <p>____ ____   AGE</p> <p>DK ..... 98</p>	<p>YES ..... 1 (t)  NO ..... 2  DK ..... 8 (t)</p>	<p>____ ____ ____ ____   YEAR</p> <p>OR</p> <p>____ ____   AGE</p> <p>DK ..... 98</p>
<p>t. NAME: _____</p> <p>FULL SISTER ..... 1 (G14)  FULL BROTHER .. 2 (G14)  HALF-SISTER .... 3  HALF-BROTHER .. 4  DAUGHTER ..... 5 (G14)  SON .....6 (G14)</p>	<p>MOTHER ..... 1  FATHER ..... 2  DK ..... 8</p>	<p>____ ____ ____ ____   YEAR</p> <p>OR</p> <p>____ ____   AGE</p> <p>DK ..... 98</p>	<p>YES ..... 1 (G17 INTRO)  NO ..... 2  DK ..... 8 (G17 INTRO)</p>	<p>____ ____ ____ ____   YEAR</p> <p>OR</p> <p>____ ____   AGE</p> <p>DK ..... 98</p>

**G17 INTRO**

**SHOW CARD G1**

Now I'm going to ask you about the list of conditions shown on this card. For each condition, I will ask whether any of the relatives you just told me about, including (your/his/her) mother and father, was ever told by a doctor that he or she had that condition.

(FOR MOTHER AND FATHER ONLY):  
(your/his/her) mother and father . . .

(FOR CHILDREN ONLY):  
(your/his/her) children . . .

(FOR OTHER RELATIVES INCLUDING PARENTS & CHILDREN):  
(any of the relatives you have just told me about, including (your/his/her) mother and father . . .

G17. Were any of these relatives ever told by a doctor that they (had/were) (CONDITION)? (OBTAIN RESPONSES FOR ALL CONDITIONS. THEN, FOR EACH "YES," GO TO THE APPROPRIATE GRID FOR G18 (a, b, c, d, e, f, or g) AND ENTER THE NAMES AND RELATIONSHIPS FOR ALL OF THE BLOOD RELATIVES WHO HAD THAT CONDITION. THEN, FOR EACH RELATIVE, ASK THE OTHER QUESTIONS IN THE GRID.)

- a. a brain tumor?  
YES..... 1  
NO..... 2  
DK..... 8
  
- b. Tumors of the nerves or spinal cord?  
YES..... 1  
NO..... 2  
DK..... 8
  
- c. Neurofibromatosis?  
YES..... 1  
NO..... 2  
DK..... 8
  
- d. Leukemia, lymphoma, multiple myeloma, or Hodgkin's disease?  
YES..... 1  
NO..... 2  
DK..... 8
  
- e. Any other cancers or tumors? (EXCLUDE SQUAMOUS OR BASAL CELL SKIN CANCERS.)  
YES..... 1  
NO..... 2  
DK..... 8
  
- f. Epilepsy or seizures?  
YES..... 1  
NO..... 2  
DK..... 8
  
- g. Were any of these relatives mentally retarded?  
YES..... 1  
NO..... 2  
DK..... 8

**BOX G2**

**IF ALL RESPONSES TO G17a THROUGH h = 2 OR 8, SKIP TO G24.**

A. BRAIN TUMORS:

<p>G18a.</p> <p>Which relative had a brain tumor?</p> <p>(ENTER FIRST NAME AND RELATIONSHIP FOR ALL WHO HAD CONDITION)</p>	<p>G19a.</p> <p>What type of brain tumor did (NAME) have? (CODE UP TO TWO) (PROBE: Any others?)</p> <p><b>SHOW CARD G2</b></p> <p>A. GLIOBLASTOMA .....01            B. ASTROCYTOMA .....02            C. MEDULLOBLASTOMA .....03            D. MENINGIOMA .....04            E. OLIGODENDROGLIOMA .....05            F. EPENDYMOMA .....06            G. GLIOMA .....07            H. NEUROMA .....08            I. SCHWANNOMA .....09            J. PITUITARY GLAND TUMOR .....10            K. OTHER TYPE (SPECIFY)</p> <p>_____</p>	<p>G20a.</p> <p>How old was (he/she) when it was diagnosed?</p>
<p>a.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p> _ _  DK</p>	<p>1ST TYPE REPORTED:  _ _ </p> <p>2ND TYPE REPORTED:  _ _ </p> <p>96 – OTHER TYPE SPECIFIED: _____</p> <p>98 – HAD TUMOR, BUT DK TYPE.</p>	<p> _ _  OR  _ _ _ _  OR DK . . 98 AGE YEAR</p> <p> _ _  OR  _ _ _ _  OR DK . . 98 AGE YEAR</p>
<p>b.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p> _ _  DK</p>	<p>1ST TYPE REPORTED:  _ _ </p> <p>2ND TYPE REPORTED:  _ _ </p> <p>96 – OTHER TYPE SPECIFIED: _____</p> <p>98 – HAD TUMOR, BUT DK TYPE.</p>	<p> _ _  OR  _ _ _ _  OR DK . . 98 AGE YEAR</p> <p> _ _  OR  _ _ _ _  OR DK . . 98 AGE YEAR</p>
<p>c.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p> _ _  DK</p>	<p>1ST TYPE REPORTED:  _ _ </p> <p>2ND TYPE REPORTED:  _ _ </p> <p>96 – OTHER TYPE SPECIFIED: _____</p> <p>98 – HAD TUMOR, BUT DK TYPE.</p>	<p> _ _  OR  _ _ _ _  OR DK . . 98 AGE YEAR</p> <p> _ _  OR  _ _ _ _  OR DK . . 98 AGE YEAR</p>
<p>d.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p> _ _  DK</p>	<p>1ST TYPE REPORTED:  _ _ </p> <p>2ND TYPE REPORTED:  _ _ </p> <p>96 – OTHER TYPE SPECIFIED: _____</p> <p>98 – HAD TUMOR, BUT DK TYPE.</p>	<p> _ _  OR  _ _ _ _  OR DK . . 98 AGE YEAR</p> <p> _ _  OR  _ _ _ _  OR DK . . 98 AGE YEAR</p>



C. NEUROFIBROMATOSIS:

<p>G18c.</p> <p>Which relative had neurofibromatosis (NF)?</p> <p>(ENTER FIRST NAME AND RELATIONSHIP FOR ALL WHO HAD CONDITION)</p>	<p>G19c.</p> <p>Did (NAME) have NF-type 1 or NF-type 2?</p> <p><b>SHOW CARD G4</b></p> <p>TYPE 1: (VON RECKLINGHAUSEN DISEASE OR PERIPHERAL NEUROFIBROMATOSIS)</p> <p>TYPE 2: (BILATERAL ACOUSTIC OR CENTRAL NEUROFIBROMATOSIS)</p>	<p>G20c.</p> <p>How old was (he/she) when it was diagnosed?</p>
<p>a.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>     _ _      DK</p>	<p>TYPE 1 ..... 1</p> <p>TYPE 2 .....2</p> <p>BOTH .....3</p> <p>DK .....8</p>	<p> _ _  OR  _ _ _ _  OR DK . . . 98</p> <p>AGE           YEAR</p>
<p>b.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>     _ _      DK</p>	<p>TYPE 1 ..... 1</p> <p>TYPE 2 .....2</p> <p>BOTH .....3</p> <p>DK .....8</p>	<p> _ _  OR  _ _ _ _  OR DK . . . 98</p> <p>AGE           YEAR</p>
<p>c.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>     _ _      DK</p>	<p>TYPE 1 ..... 1</p> <p>TYPE 2 .....2</p> <p>BOTH .....3</p> <p>DK .....8</p>	<p> _ _  OR  _ _ _ _  OR DK . . . 98</p> <p>AGE           YEAR</p>
<p>d.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>     _ _      DK</p>	<p>TYPE 1 ..... 1</p> <p>TYPE 2 .....2</p> <p>BOTH .....3</p> <p>DK .....8</p>	<p> _ _  OR  _ _ _ _  OR DK . . . 98</p> <p>AGE           YEAR</p>

D. LEUKEMIA, LYMPHOMA, MULTIPLE MYELOMA, OR HODGKIN'S DISEASE

<p>G18d.</p> <p>Which relative had leukemia, lymphoma, multiple myeloma, or Hodgkin's disease?</p> <p>(ENTER FIRST NAME AND RELATIONSHIP FOR ALL WHO HAD CONDITION)</p>	<p>G19d.</p> <p>Which disease did (NAME) have?</p> <p><b>SHOW CARD G5</b></p>	<p>G20d.</p> <p>How old was (he/she) when it was diagnosed?</p>
<p>a.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p style="text-align: right;"> _ _  DK</p>	<p>LEUKEMIA .....1</p> <p>LYMPHOMA .....2</p> <p>MULTIPLE MYELOMA .....3</p> <p>HODGKIN'S DISEASE .....4</p> <p>DK .....8</p>	<p> _ _  OR  _ _ _ _  OR DK . . . 98</p> <p>AGE YEAR</p>
<p>b.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p style="text-align: right;"> _ _  DK</p>	<p>LEUKEMIA .....1</p> <p>LYMPHOMA .....2</p> <p>MULTIPLE MYELOMA .....3</p> <p>HODGKIN'S DISEASE .....4</p> <p>DK .....8</p>	<p> _ _  OR  _ _ _ _  OR DK . . . 98</p> <p>AGE YEAR</p>
<p>c.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p style="text-align: right;"> _ _  DK</p>	<p>LEUKEMIA .....1</p> <p>LYMPHOMA .....2</p> <p>MULTIPLE MYELOMA .....3</p> <p>HODGKIN'S DISEASE .....4</p> <p>DK .....8</p>	<p> _ _  OR  _ _ _ _  OR DK . . . 98</p> <p>AGE YEAR</p>
<p>d.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p style="text-align: right;"> _ _  DK</p>	<p>LEUKEMIA .....1</p> <p>LYMPHOMA .....2</p> <p>MULTIPLE MYELOMA .....3</p> <p>HODGKIN'S DISEASE .....4</p> <p>DK .....8</p>	<p> _ _  OR  _ _ _ _  OR DK . . . 98</p> <p>AGE YEAR</p>

<p>G18d.</p> <p>Which relative had leukemia, lymphoma, multiple myeloma, or Hodgkin's disease?</p> <p>(ENTER FIRST NAME AND RELATIONSHIP FOR ALL WHO HAD CONDITION)</p>	<p>G19d.</p> <p>Which disease did (NAME) have?</p> <p><b>SHOW CARD G5</b></p>	<p>G20d.</p> <p>How old was (he/she) when it was diagnosed?</p>
<p>e</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p style="text-align: right;"> _ _  DK</p>	<p>LEUKEMIA .....1</p> <p>LYMPHOMA .....2</p> <p>MULTIPLE MYELOMA .....3</p> <p>HODGKIN'S DISEASE .....4</p> <p>DK .....8</p>	<p> _ _  OR  _ _ _ _  OR DK . . 98</p> <p>AGE YEAR</p>
<p>f.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p style="text-align: right;"> _ _  DK</p>	<p>LEUKEMIA .....1</p> <p>LYMPHOMA .....2</p> <p>MULTIPLE MYELOMA .....3</p> <p>HODGKIN'S DISEASE .....4</p> <p>DK .....8</p>	<p> _ _  OR  _ _ _ _  OR DK . . 98</p> <p>AGE YEAR</p>
<p>g.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p style="text-align: right;"> _ _  DK</p>	<p>LEUKEMIA .....1</p> <p>LYMPHOMA .....2</p> <p>MULTIPLE MYELOMA .....3</p> <p>HODGKIN'S DISEASE .....4</p> <p>DK .....8</p>	<p> _ _  OR  _ _ _ _  OR DK . . 98</p> <p>AGE YEAR</p>
<p>h.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p style="text-align: right;"> _ _  DK</p>	<p>LEUKEMIA .....1</p> <p>LYMPHOMA .....2</p> <p>MULTIPLE MYELOMA .....3</p> <p>HODGKIN'S DISEASE .....4</p> <p>DK .....8</p>	<p> _ _  OR  _ _ _ _  OR DK . . 98</p> <p>AGE YEAR</p>

E. ANY OTHER CANCERS

G18e. Which relative had other cancers?  (ENTER FIRST NAME AND RELATIONSHIP FOR ALL WHO HAD CONDITION)	G19e. What type of cancer did (he/she) have? (For (NAME), where did the cancer start?)	G20e. How old was (he/she) when it was diagnosed?	G21e. Did (your/his/her (RELATIVE) ever have any other cancer?	G22e. Where did the cancer start? (What type of cancer did (he/she) have?)	G23e. How old was (he/she) when it was diagnosed?
a. _____ _____ _____   _ _  DK	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES.....1 NO.....2 (b) DK.....8 (b)	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98
b. _____ _____ _____   _ _  DK	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES.....1 NO.....2 (c) DK.....8 (c)	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98
c. _____ _____ _____   _ _  DK	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES.....1 NO.....2 (d) DK.....8 (d)	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98
d. _____ _____ _____   _ _  DK	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES.....1 NO.....2 (e) DK.....8 (e)	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98
e. _____ _____ _____   _ _  DK	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES.....1 NO.....2 (f) DK.....8 (f)	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98

G18e. Which relative had other cancers?  (ENTER FIRST NAME AND RELATIONSHIP FOR ALL WHO HAD CONDITION)	G19e. What type of cancer did (he/she) have? (For (NAME), where did the cancer start?)	G20e. How old was (he/she) when it was diagnosed?	G21e. Did (your/his/her (RELATIVE) ever have any other cancer?	G22e. Where did the cancer start? (What type of cancer did (he/she) have?)	G23e. How old was (he/she) when it was diagnosed?
f. _____ _____ _____   _ _  DK	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES.....1 NO.....2 (g) DK.....8 (g)	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98
g. _____ _____ _____   _ _  DK	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES.....1 NO.....2 (h) DK.....8 (h)	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98
h. _____ _____ _____   _ _  DK	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES.....1 NO.....2 (i) DK.....8 (i)	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98
i. _____ _____ _____   _ _  DK	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES.....1 NO.....2 (j) DK.....8 (j)	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98
j. _____ _____ _____   _ _  DK	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98	YES.....1 NO.....2 (NEXT CONDITION OR G24) DK.....8 (NEXT CONDITION OR G24)	SITE/TYPE: _____ _____ _____   _ _ _ _ _  DK	_ _ _ _  YEAR  OR   _ _  AGE  DK ..... 98



G24. Were any other of (your/his/her) blood relatives (GRANDPARENTS, AUNTS, UNCLE, COUSINS), besides those we just discussed, ever diagnosed with...	G25. Which relative(s) had CANCER? (SPECIFY RELATIONSHIP TO PARTICIPANT.)
<p>a. A tumor of the brain or nervous system?</p> <p>YES..... 1</p> <p>NO ..... 2 (b)</p> <p>DK..... 8 (b)</p>	<p>a1. _____  __ __  DK</p> <p>a2. _____  __ __  DK</p> <p>a3. _____  __ __  DK</p>
<p>b. Leukemia?</p> <p>YES..... 1</p> <p>NO ..... 2 (c)</p> <p>DK..... 8 (c)</p>	<p>b1. _____  __ __  DK</p> <p>b2. _____  __ __  DK</p> <p>b3. _____  __ __  DK</p>
<p>c. Lymphoma?</p> <p>YES..... 1</p> <p>NO ..... 2 (d)</p> <p>DK..... 8 (d)</p>	<p>c1. _____  __ __  DK</p> <p>c2. _____  __ __  DK</p> <p>c3. _____  __ __  DK</p>
<p>d. Colon Cancer?</p> <p>YES..... 1</p> <p>NO ..... 2</p> <p>DK..... 8</p>	<p>d1. _____  __ __  DK</p> <p>d2. _____  __ __  DK</p> <p>d3. _____  __ __  DK</p>

<p><b>BOX G3</b></p> <p><b>INTERVIEWER:</b></p> <p><b>WHO PROVIDED MOST OF THE RESPONSES IN THIS SECTION?</b></p> <p>SUBJECT .....1</p> <p>PROXY .....2</p> <p>EQUALLY .....3</p>
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