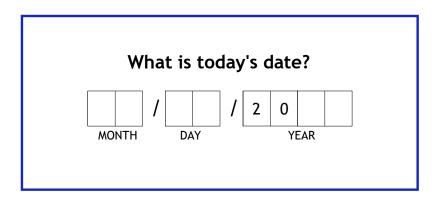


Your continued participation in the Sister Study is completely voluntary and greatly appreciated. All information you share will be kept confidential. If you are not comfortable answering a question, just skip it and go to the next one. If you do not know the answer to a question, please mark the bubble that says "Don't know."

• Please provide information for biological relatives only—that is those relatives related to you by blood, not by marriage or adoption.



We estimate the time to complete this questionnaire to be about 20 minutes. Please call us toll free at 877-45ISTER (877-474-7837) if you need help.

U.S. Department of Health and Human Services / National Institutes of Health / National Institute of Environmental Health Sciences



Let's begin with your biological parents...

BIOLOGICAL MOTHER

- 1. What is your mother's date of birth?
 /
 /
 /
 O Don't know

 MONTH
 DAY
 YEAR
 O Don't know
- 2. Is your mother still alive?

○ Yes	\rightarrow	3.	What is your mother's age?	AGE	○ Don't know
○ No	\rightarrow	4.	How old was she when she died?	AGE	○ Don't know
		5.	What year did she die?	YEAR	⊖ Don't know

 \odot Don't know

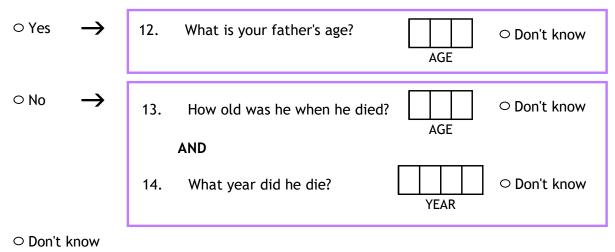
	ns your mother <i>ever</i> Ignosed with	NO	YES	When was your mother <u>first</u> diagnosed? If you are not sure, please give your best guess for her age.
6.	breast cancer?	 ○ No ○ Don't know GO TO 8 	୦ Yes	AGE OR YEAR OR AGE: BEST GUESS
7.	breast cancer in the other breast (at the same or a different time)?	○ No ○ Don't know	⊖ Yes	AGE OR YEAR OR AGE: BEST GUESS
8.	ovarian cancer, fallopian tube cancer, or primary peritoneal cancer?	○ No ○ Don't know	○ Yes	AGE OR YEAR OR AGE: BEST GUESS
9.	pancreatic cancer?	○ No ○ Don't know	○ Yes	AGE OR YEAR OR AGE: BEST GUESS



BIOLOGICAL FATHER



11. Is your father still alive?



Was your father <i>ever</i> diagnosed with	NO	YES	When was your father <u>first</u> diagnosed? If you are not sure, please give your best guess for his age.
15. breast cancer?	○ No ○ Don't know GO TO 17	○ Yes	AGE OR YEAR OR AGE: BEST GUESS
16. breast cancer in the other breast (at the same or a different time)?	○ No ○ Don't know	○ Yes	AGE OR YEAR OR AGE: BEST GUESS
17. prostate cancer?	○ No ○ Don't know	○ Yes	AGE OR YEAR OR AGE: BEST GUESS
18. pancreatic cancer?	○ No ○ Don't know	○ Yes	AGE OR YEAR OR AGE: BEST GUESS



	BIOLOGICAL SI	SIER	5 (DO NOT INCLU	JDE YOURS	ELF)		
	Next we would lil whom you share		•	-			-
	What is	her f	irst name?				
	SISTER #1						
19.	What is your oldest sister's date of birt	•		MONTH /		YEAR	Don't know
20.	Is she your half or	full si	ster? C	Full, share	both parents		
	,			Half, share	•		
				Half, share			
21.	Is this sister still al	live?					
	○ Yes →	22.	What is this sig	ster's age?	AGE	⊖ Don't kno	w
	$\circ No \rightarrow$	23.	How old was s (If less than 1, w		e died?	⊂ Don't kno	w
			AND		· · · · · ·		
	○ Don't know	24.	What year did	she die?	YEAR	○ Don't kno	W
					Whon was this	sistor first diago	osed? If you are
	this sister <i>ever</i> nosed with		NO	YES		•	t guess for her age.
25.	breast cancer?		○ No ○ Don't know GO TO 27	○ Yes	AGE OR	YEAR	OR AGE: BEST GUESS
26.	breast cancer in t		○ No	○ Yes			
	other breast (at tl same or a differer			0 103	AGE OR	YEAR	OR AGE:
	time)?		○ Don't know		AGE	I LAN	BEST GUESS
27.	ovarian cancer, fallopian tube cancer, or primar	v	○ No	○ Yes	AGE OR	YEAR	OR AGE:
	peritoneal cancer	-	○ Don't know				BEST GUESS
28.	pancreatic cancer		○ No	○ Yes	AGE OR	YEAR	OR AGE:
			○ Don't know		AUL	ILAI	BEST GUESS

 \odot Yes, identical (monozygotic)

○ Yes, not identical (fraternal, dizygotic)

 \odot Yes, don't know type

First name(s) of this sister's twin/multiples:



 \circ No

	SISTER #2	W	'hat is your next o	ldest (next	born) sister's fir	st name?	
	\circ I do not h	nave a	ny more biologica	l sisters 🗕	GO TO QUES	TION 107, PAGE	12
30.	What is your next of sister's date of birt				DAY	YEAR O DO	on't know
31.	Is she your half or	full si	C	Full, share Half, share Half, share			
32.	Is this sister still a	live?					
	○ Yes →	33.	What is this sis	iter's age?	AGE	⊃ Don't knov	w
	$\circ_{No} \rightarrow$	34.	How old was sh (If less than 1, wi		e died?	○ Don't knov	w
	○ Don't know	35.	AND What year did	she die?	YEAR	◯ ○ Don't know	w
	this sister <i>ever</i> nosed with		NO	YES		sister <u>first</u> diagno use give your best	osed? If you are guess for her age.
36.	breast cancer?		 ○ No ○ Don't know GO TO 38 	○ Yes	AGE <u>OR</u>	YEAR	OR AGE: BEST GUESS
37.	breast cancer in t other breast (at t same or a differen time)?	he	○ No ○ Don't know	○ Yes	AGE OR	YEAR	OR AGE: BEST GUESS
38.	ovarian cancer, fallopian tube cancer, or primar peritoneal cancer	-	○ No ○ Don't know	○ Yes	AGE <u>OR</u>	YEAR	OR AGE: BEST GUESS
39.	pancreatic cance		○ No ○ Don't know	○ Yes	AGE OR	YEAR	OR AGE: BEST GUESS

○ Yes, identical (monozygotic)

- \odot Yes, not identical (fraternal, dizygotic)
- \odot Yes, don't know type

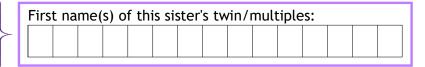
	Γ	Firs	t na	me(s) o	f thi	is sis	ster'	s tw	/in/i	nult	iple	s:		
~															



SISTER #3 • I do not have any more biological sisters \rightarrow GO TO QUESTION 107, PAGE 12 41. What is your next oldest (next born) sister's date of birth? 42. Is she your half or full sister? • Full, share both parents • Half, share mother • Half, share father 43. Is this sister still alive? • Yes \rightarrow 44. What is this sister's age? • Yes \rightarrow 44. What is this sister's age? • No \rightarrow 45. How old was she when she died? • No \rightarrow 45. How old was she when she died? • No \rightarrow 46. What year did she die? • Don't know • Don't know • Don't know • Don't know • Was this sister ever • No \rightarrow YES • No \rightarrow 45. What year did she die? • Ves \rightarrow 46. What year did she die? • No \rightarrow 47. When was this sister first diagnosed? If y • No \rightarrow 48. When was this sister first diagnosed? If y • No \rightarrow 49. When was this sister first diagnosed? If y • No \rightarrow 49. When was this sister first diagnosed? If y • No \rightarrow 49. When was this sister first diagnosed? If y • No \rightarrow 49. When was this sister first diagnosed? If y • No \rightarrow 49. When was this sister first diagnosed? If y • No \rightarrow 49. When was this sister first diagnosed? If y • No \rightarrow 49. When was this sister first diagnosed? If y • No \rightarrow 49. When was this sister first diagnosed? If y • No \rightarrow 49. When was this sister first diagnosed? If y • No \rightarrow 49. When was this sister first diagnosed? If y • No \rightarrow 49. When was this sister first diagnosed? If y • No \rightarrow 49. When was this sister first diagnosed? If y • No \rightarrow 49. When was this sister first diagnosed? If y • No \rightarrow 49. When was this sister first diagnosed? If y • No \rightarrow 49. \rightarrow 40. \rightarrow	W
 41. What is your next oldest (next born) / / / ○ Don't know 42. Is she your half or full sister? ○ Full, share both parents ○ Half, share mother ○ Half, share father 43. Is this sister still alive? ○ Yes → 44. What is this sister's age? ○ Don't know AGE ○ Don't know ODN't know AGE ○ Don't know AGE ○ Don't know AGE ODN't know AGE ODN't know AGE ODN't know AGE ODN't know	W
 41. What is your next oldest (next born) / / / ○ Don't know 42. Is she your half or full sister? ○ Full, share both parents ○ Half, share mother ○ Half, share father 43. Is this sister still alive? ○ Yes → 44. What is this sister's age? ○ Don't know AGE ○ Don't know ODN't know AGE ○ Don't know AGE ○ Don't know AGE ODN't know AGE ODN't know AGE ODN't know AGE ODN't know	W
sister's date of birth? 42. Is she your half or full sister? 42. Is she your half or full sister? 43. Is this sister still alive? \circ Yes \rightarrow 44. What is this sister's age? \circ Yes \rightarrow 44. What is this sister's age? \circ No \rightarrow 45. How old was she when she died? \circ No \rightarrow 45. How old was she when she died? \circ If less than 1, write 00) AGE \circ Don't know AGE \circ Don't know YEAR \circ Don't know YEAR	w
$ \begin{array}{c} & \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	
 43. Is this sister still alive? Yes → 44. What is this sister's age? 45. How old was she when she died? 45. How old was she when she died? AND 46. What year did she die? YEAR Opon't know Was this sister ever diagnosed with NO YES When was this sister <u>first</u> diagnosed? If y not sure, please give your best guess for	
\circ Yes \rightarrow 44. What is this sister's age? \square \circ Don't know \circ No \rightarrow 45. How old was she when she died? \square \circ Don't know \circ No \rightarrow 45. How old was she when she died? \square \circ Don't know AND AND AGE \circ Don't know \circ Don't know 46. What year did she die? \bigcirc Don't know \lor Don't know \lor YEAR \circ Don't know Was this sister ever diagnosed with \bullet NO Υ ES When was this sister first diagnosed? If y not sure, please give your best guess for	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	
45. How old was she when she died? O Don't know (If less than 1, write 00) AGE O Don't know AND 46. What year did she die? O Don't know • Don't know YEAR O Don't know Was this sister ever diagnosed with NO YES When was this sister first diagnosed? If you not sure, please give your best guess for	
46. What year did she die? Image: Comparent text of the second secon	
O Don't know YEAR Was this sister ever diagnosed with NO YES When was this sister first diagnosed? If y not sure, please give your best guess for	
Was this sister ever diagnosed withNOYESWhen was this sister first diagnosed? If y not sure, please give your best guess for	
diagnosed with NO YES not sure, please give your best guess for	
diagnosed with NO YES not sure, please give your best guess for	vou are
	-
47. breast cancer? O Don't know AGE YEAR A	AGE: ST GUESS
	AGE: T GUESS
	AGE: IT GUESS
50. pancreatic cancer? ONO ONO ODOn't know ODON	

○ Yes, identical (monozygotic)

- \circ Yes, not identical (fraternal, dizygotic)
- \odot Yes, don't know type

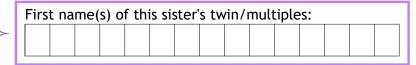




	SISTER #4	W	hat is your next o	ldest (next	t born) sister's first name?	
	\circ I do not h	iave a	ny more biologica	l sisters 🗕	→ GO TO QUESTION 107, PAGE 12	
52.	What is your next of sister's date of birt				DAY YEAR	
53.	Is she your half or	full si	C	Full, share Half, share Half, share		
54.	Is this sister still al	ive?				
	○ Yes →	55.	What is this sis	iter's age?	☐	
	o No →	56.	How old was sh (If less than 1, wr		ne died?	
			AND			
	⊂ Don't know	57.	What year did	she die?	YEAR O Don't know	
Was	this sister <i>ever</i>				When was this sister first diagnosed? If you are	
	nosed with		NO	YES	not sure, please give your best guess for her age.	
58.	breast cancer?		○ No ○ Don't know GO TO 60	⊖ Yes	AGE OR YEAR OR AGE: BEST GUESS	
59.	breast cancer in t other breast (at tl same or a differer time)?	he	○ No ○ Don't know	○ Yes	AGE OR YEAR OR AGE: BEST GUESS	
60.	ovarian cancer, fallopian tube cancer, or primar peritoneal cancer		○ No ○ Don't know	○ Yes	AGE YEAR OR AGE: BEST GUESS	
61.	pancreatic cancer	-?	○ No ○ Don't know	○ Yes	AGE OR YEAR OR AGE: BEST GUESS	
62.	ls/was this sister a	twin.	triplet, or other	multiple?		

 \odot Yes, identical (monozygotic)

- \circ Yes, not identical (fraternal, dizygotic)
- \odot Yes, don't know type





	SISTER #5	W	hat is your next o	ldest (next	born) sister's fi	irst name?	
	\circ l do not h	nave a	ny more biologica	l sisters 🗕	→ GO TO QUE	STION 107, PAGE	E 12
63.	What is your next of sister's date of birt				DAY	YEAR O [Don't know
64.	Is she your half or	full sis	0	Full, share Half, share Half, share			
65.	Is this sister still al	ive?					
	○ Yes →	66.	What is this sis	ter's age?	AGE	⊃ Don't kn	ow
	o No →	67.	How old was sh (If less than 1, wr AND		e died?	○ Don't kn	ow
	○ Don't know	68.	What year did	she die?	YEAF	□ ODon't kno	ow
	this sister <i>ever</i> nosed with		NO	YES		is sister <u>first</u> diagı ease give your bes	nosed? If you are st guess for her age.
69.	breast cancer?		○ No ○ Don't know GO TO 71	○ Yes	AGE OF	YEAR	OR AGE: BEST GUESS
70.	breast cancer in t other breast (at tl same or a differer time)?	he	○ No ○ Don't know	○ Yes	AGE OR	YEAR	OR AGE: BEST GUESS
71.	ovarian cancer, fallopian tube cancer, or primar peritoneal cancer		○ No ○ Don't know	○ Yes	AGE OR	YEAR	OR AGE: BEST GUESS
72.	pancreatic cancer	-?	○ No ○ Don't know	○ Yes	AGE OI	R YEAR	OR AGE: BEST GUESS

○ Yes, identical (monozygotic)

- \odot Yes, not identical (fraternal, dizygotic)
- \odot Yes, don't know type

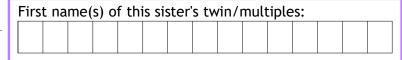
	First	t na	me(s) o	f thi	is sis	ster'	s tw	/in/r	nult	iple	s:		
>														



	SISTER #6	What	is your next o	ldest (next	born) sister's fir	st name?	
	\circ I do not h	nave any m	nore biologica	ll sisters 🗕	GO TO QUES	TION 107, PAGE	12
74.	What is your next of sister's date of birt	•		MONTH	DAY	YEAR O [Don't know
75.	Is she your half or	full sister?	С	9 Full, share 9 Half, share 9 Half, share			
76.	Is this sister still al	ive?					
	○ Yes →	77. W	/hat is this sis	ster's age?	AGE] ○ Don't kno	w
	o No →	(1	low old was sl If less than 1, wi		e died?] ○ Don't kno	w
			ND				
	○ Don't know	79. W	/hat year did	she die?	YEAR	○ Don't kno	W
	this sister <i>ever</i> nosed with		NO	YES			nosed? If you are t guess for her age.
80.	breast cancer?	0	No Don't know GO TO 82	○ Yes	AGE <u>OR</u>	YEAR	OR AGE: BEST GUESS
81.	breast cancer in t other breast (at tl same or a differer time)?	he ^O	No Don't know	○ Yes	AGE OR	YEAR	OR AGE: BEST GUESS
82.	ovarian cancer, fallopian tube cancer, or primar peritoneal cancer	y o	No Don't know	○ Yes	AGE <u>OR</u>	YEAR	OR AGE: BEST GUESS
83.	pancreatic cancer	r? O	No Don't know	○ Yes	AGE OR	YEAR	OR AGE: BEST GUESS
84.	ls/was this sister a	twin trin	let, or other	multiple?			
0 11	• Yes, identical (· ·			t name(s) of thi	s sister's twin/mu	ultiples:

- \odot Yes, not identical (fraternal, dizygotic)
- \odot Yes, don't know type

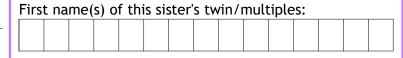
 \circ No





	SISTER #7	What is your next	oldest (next	born) sister's firs	st name?	
	\circ I do not h	nave any more biologic	al sisters 🗕	ightarrow GO TO QUES	TION 107, PAGE	12
85.	What is your next of sister's date of birt	. , , , ,	/ [DAY	YEAR O D	on't know
86.	Is she your half or		⊃ Full, share ⊃ Half, share	e both parents e mother		
		C	⊃ Half, share	e father		
87.	Is this sister still a	live?				
	∘Yes →	88. What is this si	ister's age?	AGE	⊃ Don't kno	w
	∘ No →	89. How old was s (If less than 1, w		e died?	⊖ Don't kno	w
		AND			 1	
	\circ Don't know	90. What year dic	I she die?	YEAR	○ Don't kno	WC
	this sister <i>ever</i>				sister <u>first</u> diagn	osed? If you are t guess for her age.
ulugi	nosed with	NO	YES	not sure, plea	ise give your best	5,5
91.	nosed with breast cancer?	NO O No O Don't know GO TO 93	YES ○Yes	AGE NOT SURE, plea	YEAR	OR AGE: BEST GUESS
	breast cancer? breast cancer in t other breast (at t same or a differen	 ○ No ○ Don't know GO TO 93 he he ○ No 				OR AGE: BEST GUESS
91.	breast cancer? breast cancer in t other breast (at t same or a differen time)?	 ○ No ○ Don't know GO TO 93 he he ○ No 	○ Yes	AGE OR	YEAR	OR AGE: BEST GUESS
91.	breast cancer? breast cancer in t other breast (at t same or a differen	 ○ No ○ Don't know GO TO 93 he he ○ No 	○ Yes	AGE OR	YEAR	OR AGE: BEST GUESS
91.	breast cancer? breast cancer in t other breast (at t same or a differen time)? ovarian cancer,	 No Don't know GO TO 93 he No Don't know O Don't know O No Y Don't know 	○ Yes ○ Yes	AGE OR AGE OR AGE OR	YEAR	OR AGE: BEST GUESS
91.	breast cancer? breast cancer in t other breast (at t same or a differen time)? ovarian cancer, fallopian tube cancer, or primar	 No Don't know GO TO 93 he No Don't know O Don't know Q No No Y O Don't know 	○ Yes ○ Yes	$ \begin{array}{c} \hline \\ AGE \end{array} OR $ $ \begin{array}{c} \hline \\ AGE \end{array} OR $ $ \begin{array}{c} OR \end{array} $	YEAR YEAR	$ \begin{array}{c} OR \\ BEST GUESS \\ AGE: \\ BEST GUESS \\ AGE: \\ $
91. 92. 93.	breast cancer? breast cancer in t other breast (at t same or a differen time)? ovarian cancer, fallopian tube cancer, or primar peritoneal cancer	 No Don't know GO TO 93 he No Don't know O Don't know Q No No Y O Don't know 	 Yes Yes Yes 	AGE OR $AGE OR$ $AGE OR$ $AGE OR$	YEAR YEAR	$ \begin{array}{c} OR \\ BEST GUESS \\ OR \\ OR \\ BEST GUESS \\ OR \\ BEST GUESS \\ OR \\ O$
91. 92. 93.	breast cancer? breast cancer in t other breast (at t same or a differen time)? ovarian cancer, fallopian tube cancer, or primar peritoneal cancer pancreatic cancer	 No Don't know GO TO 93 he No Don't know O No O No Son't know 	 Yes Yes Yes Yes Yes 	AGE OR $AGE OR$ $AGE OR$ $AGE OR$ OR OR OR OR OR OR OR	YEAR YEAR YEAR	OR $AGE:$ BEST GUESS OR $AGE:$ AGE: $AGE:$ BEST GUESS $AGE:$

- Yes, not identical (fraternal, dizygotic)
- \odot Yes, don't know type





	SISTER #8	W	hat is your next o	ldest (next	born) sister's fii	rst name?						
	\circ I do not h	nave a	ny more biologica	ll sisters 🗕	→ GO TO QUES	STION 107, NEX	T PAGE					
96.	What is your next of sister's date of birt		, , ,		DAY	YEAR O	Don't know					
97.	Is she your half or	full si	C	 Full, share Half, share Half, share 								
98.	Is this sister still al	ive?	-									
	○ Yes → 99. What is this sister's age? \square_{AGE} ○ Don't know											
	 No → 100. How old was she when she died? (If less than 1, write 00) AGE ○ Don't know 											
	⊂ Don't know	101.	AND What year did	she die?	YEAR	◯ ⊃ Don't k	now					
	this sister area											
	this sister <i>ever</i> nosed with		NO	YES		-	gnosed? If you are est guess for her age.					
102.	breast cancer?		 ○ No ○ Don't know GO TO 104 	○ Yes	AGE OR	YEAR	OR AGE: BEST GUESS					
103.	breast cancer in t other breast (at t		○ No	⊖ Yes								
	same or a differer time)?		○ Don't know		AGE OR	YEAR	OR AGE: BEST GUESS					
104.		nt y	 ○ Don't know ○ No ○ Don't know 	○ Yes		YEAR YEAR YEAR	AGE:					
104.	time)? ovarian cancer, fallopian tube cancer, or primar	nt y ?	⊖ No		AGE OR	YEAR	AGE: BEST GUESS					
	time)? ovarian cancer, fallopian tube cancer, or primar peritoneal cancer	y ? r?	 ○ No ○ Don't know ○ No ○ Don't know 	○ Yes ○ Yes	AGE OR AGE OR	YEAR	AGE: BEST GUESS OR AGE: BEST GUESS					
105.	time)? ovarian cancer, fallopian tube cancer, or primar peritoneal cancer pancreatic cancer	y ? . twin,	 ○ No ○ Don't know ○ No ○ Don't know triplet, or other 	○ Yes ○ Yes multiple?	$ \begin{array}{c} AGE \\ AGE \\ AGE \\ AGE \\ AGE \\ OR \\ AGE \\ A$	YEAR YEAR	AGE: BEST GUESS OR AGE: BEST GUESS OR AGE: BEST GUESS					
105.	time)? ovarian cancer, fallopian tube cancer, or primar peritoneal cancer pancreatic cancer Is/was this sister a	y ? twin, mono: cal (fr	 No Don't know No Don't know triplet, or other zygotic) aternal, dizygotic 	 Yes Yes multiple? Firs 	$ \begin{array}{c} AGE \\ AGE \\ AGE \\ AGE \\ AGE \\ OR \\ AGE \\ A$	YEAR	AGE: BEST GUESS OR AGE: BEST GUESS OR AGE: BEST GUESS					

 \circ No

If you have more than 8 sisters, please answer the same questions for each sister and record your answers on a separate sheet of paper.



BIOLOGICAL BROTHERS Now we would like to know about your brothers. Please include only biological brothers with whom you share at least one parent. Let's start with your oldest (first-born) brother. \circ I do not have any biological brothers \rightarrow GO TO QUESTION 162, PAGE 17 What is his first name? **BROTHER #1** 107. What is your oldest (first-born) ○ Don't know brother's date of birth? MONTH DAY YEAR \odot Full, share both parents 108. Is he your half or full brother? \odot Half, share mother \odot Half, share father 109. Is this brother still alive? ○ Yes 110. What is this brother's age? ○ Don't know AGE \circ No 111. How old was he when he died? ○ Don't know (If less than 1, write 00) AGE AND ○ Don't know 112. What year did he die? ○ Don't know YEAR When was this brother first diagnosed? If you are Was this brother *ever* diagnosed with... not sure, please give your best guess for his age. YES NO \circ No ○ Yes 113. breast cancer? OR OR ○ Don't know YEAR AGE AGE: GO TO 115 **BEST GUESS** 114. breast cancer in the O No Yes OR OR other breast (at the same or a different AGE YEAR AGE: ○ Don't know **BEST GUESS** time)? \circ No \circ Yes 115. prostate cancer? OR OR YEAR AGE AGE: O Don't know **BEST GUESS** ○ No ○ Yes 116. pancreatic cancer? OR OR AGE YEAR AGE: ○ Don't know BEST GUESS Is/was this brother a twin, triplet, or other multiple? 117. • Yes, identical (monozygotic)

- \circ Yes, not identical (fraternal, dizygotic)
- \circ Yes, don't know type

First name(s) of this brother's twin/multiples:													



 \circ No

BROTHER #2 What is your next oldest (next born) brother's first name? • I do not have any more biological brothers -> GO TO QUESTION 162, PAGE 17												
	What is your next o prother's date of b	oldest	(next born)	MONTH /	/ DAY		't know					
119.	Is he your half or 1	full br	0	Full, share Half, share Half, share								
120. I	s this brother still	alive?	,									
	 ○ Yes → 121. What is this brother's age? AGE 											
	∘ No →	122.	How old was h (If less than 1, w AND		died?] ○ Don't know						
	○ Don't know	123.		he die?	YEAR	○ Don't know						
	nis brother <i>ever</i>		NO	VEC		s brother <u>first</u> diagno ase give your best g						
124.	bsed with breast cancer?		NO No Don't know GO TO 126	YES ○ Yes	AGE OR	YEAR						
125.	breast cancer in t other breast (at t same or a differen time)?	he	○ No ○ Don't know	○ Yes	AGE OR	YEAR OF	AGE: BEST GUESS					
126.	prostate cancer?		○ No ○ Don't know	○ Yes	AGE <u>OR</u>	YEAR OI	AGE: BEST GUESS					
127.	pancreatic cancer	-?	○ No ○ Don't know	○ Yes	AGE OR	YEAR O	R AGE: BEST GUESS					

128. Is/was this brother a twin, triplet, or other multiple?

 \odot Yes, identical (monozygotic)

- \odot Yes, not identical (fraternal, dizygotic)
- \odot Yes, don't know type

	Firs	st na	me(s) o	f thi	is br	othe	er's	twir	n/m	ultip	oles:		
-														



	BROTHER #3	W	hat is your next o	ldest (next	born) brother's f	irst name?		
	\circ I do not h	nave ar	ny more biologica	l brothers	→ GO TO QUE	STION 162, PAG	GE 17	
129.	What is your next brother's date of b				DAY	YEAR	Don't l	ĸnow
130.	Is he your half or t	full bro	0	Full, share Half, share Half, share				
131.	Is this brother still	alive?						
	∘Yes →	132.	What is this b	rother's age	?	⊖ Don't kn	iow	
	o No →	133.	How old was h (If less than 1, w AND		died?	○ Don't kn	IOW	
	○ Don't know	134.	What year did	he die?	YEAR	○ Don't kn	iow	
	this brother <i>ever</i> nosed with		NO	YES		brother <u>first</u> dia se give your bes	-	
135.	breast cancer?		○ No ○ Don't know GO TO 137	○ Yes	AGE <u>OR</u>	YEAR	<u>OR</u>	AGE: BEST GUESS
136.	breast cancer in t other breast (at t same or a differen time)?	he	○ No ○ Don't know	○ Yes	AGE OR	YEAR	<u>OR</u>	AGE: BEST GUESS
137.	prostate cancer?		○ No ○ Don't know	○ Yes	AGE OR	YEAR	<u>OR</u>	AGE: BEST GUESS
138.	pancreatic cancer	r?	○ No ○ Don't know	○ Yes	AGE OR	YEAR	<u>OR</u>	AGE: BEST GUESS

 \odot Yes, identical (monozygotic)

- \odot Yes, not identical (fraternal, dizygotic)
- \odot Yes, don't know type

	First	t na	me(s) o	f thi	is br	othe	er's	twir	n/m	ultip	oles:		1
~														



	What is your next oldest (next born) brother's first name? BROTHER #4 O I do not have any more biological brothers → GO TO QUESTION 162, PAGE 17												
	\circ I do not h	ave any n	nore biologica	l brothers	→ GO TO	QUESTIO	N 162, PAG	E 17					
140.	What is your next of b brother's date of b		,	/ [MONTH	DAY	YEAR	○ De	on't know					
141.	Is he your half or f	ull brothe	C	 Full, share Half, share Half, share 		ts							
142.	2. Is this brother still alive?												
	\circ Yes \rightarrow 143. What is this brother's age? \square \circ Don't know AGE												
	$\circ_{No} \rightarrow$		How old was I (If less than 1, v AND			J.GE	⊂ Don't kno	w					
	⊂ Don't know		Vhat year did	he die?	YE	EAR	○ Don't kno	ow.					
	this brother <i>ever</i> nosed with		NO	YES				gnosed? If you are t guess for his age.					
146.	breast cancer?	0	No Don't know GO TO 148	○ Yes	AGE		YEAR	OR AGE: BEST GUESS					
147.	breast cancer in t other breast (at t same or a differen time)?	he ^O	No Don't know	○ Yes	AGE	<u>or</u>	YEAR	OR AGE: BEST GUESS					
148.	prostate cancer?		No Don't know	○ Yes	AGE	<u>or</u>	YEAR	OR AGE: BEST GUESS					
149.	pancreatic cancer	•	No Don't know	○ Yes	AGE	<u>OR</u>	YEAR	OR AGE: BEST GUESS					

○ Yes, identical (monozygotic)

- \odot Yes, not identical (fraternal, dizygotic)
- \odot Yes, don't know type

First name(s) of this brother's twin/multiples:															
-															
	l														



		W	hat is your next o	ldest (next	born) broth	er's first r	name?						
	BROTHER #5												
	⊂ I do not ł	nave a	ny more biologica	l brothers	→ GO TO	QUESTIO	N 162, NE	ΚΤ ΡΑ	GE				
151.	What is your next of brother's date of b			MONTH	DAY /	YEAR	0	Don't	know				
152.	Is he your half or f	ull bro	0	Full, share Half, share Half, share		ts							
153.	Is this brother still	alive	,										
	○ Yes → 154. What is this brother's age? \square_{AGE} ○ Don't know												
	\circ No \rightarrow	155.	How old was h (If less than 1, w AND			AGE	⊖ Don't kr	าอพ					
	○ Don't know	156.		he die?	Y	EAR	⊖ Don't kı	าอพ					
Was	this brother <i>ever</i>				When was	this brot	her first dia	agnos	ed? If you are				
diag	nosed with		NO	YES				-	ess for his age.				
157.	breast cancer?		○ No○ Don't knowGO TO 159	⊖ Yes	AGE	<u>OR</u>	YEAR	<u>OR</u>	AGE: BEST GUESS				
158.	breast cancer in t other breast (at t same or a differe time)?	he	○ No ○ Don't know	○ Yes	AGE	<u>OR</u>	YEAR	<u>OR</u>	AGE: BEST GUESS				
159.	prostate cancer?		○ No ○ Don't know	⊖ Yes	AGE	<u>OR</u>	YEAR	<u>OR</u>	AGE: BEST GUESS				
160.	pancreatic cance	r?	○ No ○ Don't know	ာ Yes	AGE	<u>OR</u>	YEAR	<u>OR</u>	AGE: BEST GUESS				
L			1										

○ Yes, identical (monozygotic)

- \odot Yes, not identical (fraternal, dizygotic)
- \odot Yes, don't know type

First name(s) of this brother's twin/multiples:

○ No

If you have more than 5 brothers, please answer the same questions for each brother and record your answers on a separate sheet of paper.



DALICHTED DI

	DIOLOGICAL DA	4000	IERS							
	Next we would lil adopted or step-o						ildren,	, not		
	\circ I do not have a	ny biol	ogical daughters	→ GO TO	QUESTION 192,	PAGE 20				
	Wh DAUGHTER #1	nat is h	er first name?							
162.	What is your oldest daughter's date of	•		ONTH /	DAY Y	EAR	Don't k	know		
163.	Is this daughter sti	ll alive	?							
	\circ Yes \rightarrow 164. What is this daughter's age? \square \circ Don't know AGE									
	$\circ_{No} \rightarrow$	165.	How old was sh (If less than 1, wi		e died?	○ Don't kn	ow			
	○ Don't know	166.	AND What year did s	he die?	YEAR	○ Don't kn	ow			
	this daughter ever			VEC		daughter <u>first</u> d se give your bes	-			
167.	nosed with breast cancer?		NO ○ No ○ Don't know GO TO 169	YES ○ Yes	AGE OR	YEAR	OR	AGE: BEST GUESS		
168.	breast cancer in other breast (at same or a differe time)?	the	○ No ○ Don't know	○ Yes	AGE <u>OR</u>	YEAR	<u>OR</u>	AGE: BEST GUESS		
169.	ovarian cancer, fallopian tube cancer, or prima peritoneal cance	-	○ No ○ Don't know	○ Yes	AGE OR	YEAR	<u>OR</u>	AGE: BEST GUESS		
170.	pancreatic cance	er?	○ No	○ Yes	OR		OR			

171. Is/was this daughter a twin, triplet, or other multiple?

○ Don't know

○ Yes, identical (monozygotic)

- Yes, not identical (fraternal, dizygotic)
- \odot Yes, don't know type

○ No

Firs	First name(s) of this daughter's twin/multiples:													

YEAR

<u>OR</u>

AGE



AGE:

BEST GUESS

<u>OR</u>

DAUGHTER #2	What is your next oldest (next born) daughter's first name? DAUGHTER #2													
⊂ I do not ha	ave any more biological	daughters		STION 192, PAGE 2	0									
172. What is your next of daughter's date of b	virth?		DAY YEA	○ Don't AR	know									
173. Is this daughter still														
\circ Yes \rightarrow 174. What is this daughter's age? \Box \circ Don't know AGE														
$\circ_{No} \rightarrow$	○ No → 175. How old was she when she died? ○ Don't know (If less than 1, write 00) AGE													
⊂ Don't know	AND 176. What year did she die? ODon't know													
Was this daughter <i>ever</i> diagnosed with	NO	YES		aughter <u>first</u> diagno e give your best gue										
177. breast cancer?	 ○ No ○ Don't know GO TO 179 	ာ Yes	AGE <u>OR</u>	YEAR OR	AGE: BEST GUESS									
178. breast cancer in the other breast (at the same or a different time)? • No • Yes • Yes														
179. ovarian cancer, fallopian tube cancer, or primary peritoneal cancer	-	○ Yes	AGE <u>OR</u>	YEAR OR	AGE: BEST GUESS									

181. Is/was this daughter a twin, triplet, or other multiple?

- \odot Yes, identical (monozygotic)
- \odot Yes, not identical (fraternal, dizygotic)
- \odot Yes, don't know type

○ No

First name(s) of this daughter's twin/multiples:



		Wł	nat is your next ol	dest (next	born) daughter's	first name?	
	DAUGHTER #	3					
	\circ I do not I	nave ar	ny more biological	daughters	→ GO TO QU	IESTION 192, NEX	T PAGE
182.	What is your next daughter's date of				DAY Y	/EAR	on't know
183.	Is this daughter sti	ill alive	?				
	○ Yes →	184.	What is this da	ughter's age	? AGE	○ Don't know	1
	$\circ_{No} \rightarrow$	185.	How old was sl (If less than 1, w		e died?	⊖ Don't know	1
	○ Don't know	186.	AND What year did s	she die?	YEAR	○ Don't know	1
	s this daughter <i>ever</i> gnosed with		NO	YES		daughter <u>first</u> dia use give your best	gnosed? If you are guess for her age.
187.	breast cancer?		 ○ No ○ Don't know GO TO 189 	○ Yes	AGE <u>OR</u>	YEAR	OR AGE: BEST GUESS
188.	88. breast cancer in the other breast (at the same or a different time)?		○ No ○ Don't know	○ Yes	AGE <u>OR</u>	YEAR	DR AGE: BEST GUESS
189.	89. ovarian cancer, fallopian tube cancer, or primary peritoneal cancer?		○ No ○ Don't know	୦ Yes	AGE OR	YEAR	DR AGE: BEST GUESS
190.	pancreatic cance	er?	○ No ○ Don't know	⊖ Yes	AGE OR	YEAR	OR AGE: BEST GUESS

191. Is/was this daughter a twin, triplet, or other multiple?

 \odot Yes, identical (monozygotic)

 \odot Yes, not identical (fraternal, dizygotic)

 \odot Yes, don't know type

First name(s) of this daughter's twin/multiples:

 \circ No

If you have more than 3 daughters, please answer the same questions for each daughter and record your answers on a separate sheet of paper.

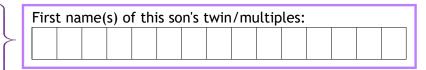


BIOLOGICAL SONS

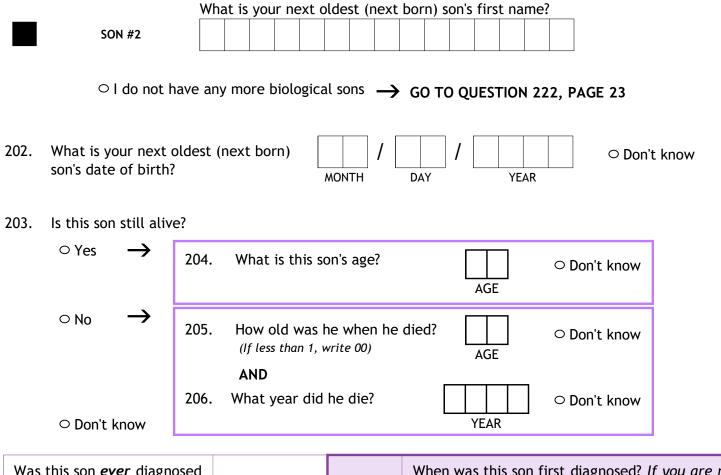
	Now we would like to know about your sons. Please include only biological sons, not adopted or stepsons. Let's start with your oldest (first-born) son.							
	\circ I do not have any biological sons $ ightarrow$ GO TO QUESTION 222, PAGE 23							
	What is hi	s first name?						
192.	What is your oldes son's date of birth?	` '	MONTH /	DAY YEAR ODon't know				
193.	Is this son still aliv	e?						
	○ Yes →	194. What is th	is son's age?	☐ ODon't know				
	$\circ_{No} \rightarrow$		ras he when he 1, write 00)	e died?				
	○ Don't know	196. What year	did he die?	YEAR ○ Don't know				
Was with	this son <i>ever</i> diagn	osed NO	YES	When was this son <u>first</u> diagnosed? If you are no sure, please give your best guess for his age.				
197.	breast cancer?	○ No ○ Don't kno GO TO 199		AGE OR YEAR OR AGE: BEST GUESS				
198.	breast cancer in t other breast (at t same or a differe time)?	he ^{O No}	○ Yes	AGE OR YEAR OR AGE: BEST GUESS				
199.	prostate cancer?	○ No ○ Don't knov	○ Yes w	AGE OR YEAR OR AGE: BEST GUESS				
200.	pancreatic cancer	r? ONo	○ Yes					

201. Is/was this son a twin, triplet, or other multiple?

- Yes, identical (monozygotic)
- Yes, not identical (fraternal, dizygotic)
- \odot Yes, don't know type







Wast	Was this son <i>ever</i> diagnosed			When was this son <u>first</u> diagnosed? If you are not
with.	•••	NO	YES	sure, please give your best guess for his age.
207.	breast cancer?	○ No ○ Don't know GO TO 209	○ Yes	AGE YEAR OR AGE: BEST GUESS
208.	breast cancer in the other breast (at the same or a different time)?	○ No ○ Don't know	○ Yes	AGE OR YEAR OR AGE: BEST GUESS
209.	prostate cancer?	○ No ○ Don't know	⊖ Yes	AGE OR YEAR OR AGE: BEST GUESS
210.	pancreatic cancer?	○ No ○ Don't know	ာ Yes	AGE YEAR OR AGE: BEST GUESS

211. Is/was this son a twin, triplet, or other multiple?

- \odot Yes, identical (monozygotic)
- \circ Yes, not identical (fraternal, dizygotic)
- \circ Yes, don't know type

- First name(s) of this son's twin/multiples:
 - 60463

	SON #3	W	hat is your next o	ldest (next	born) son's first	t name?		
	⊂ I do not h	nave a	ny more biologica	I sons $ ightarrow$	GO TO QUEST	TION 222, NEXT PAG	ĴΕ	
212.	2. What is your next oldest (next born) son's date of birth? MONTH DAY YEAR O Don't know							
213.	Is this son still alive	e?						
	○ Yes →	214.	What is this so	n's age?	AGE] ○ Don't kno	w	
	$\circ_{No} \rightarrow$	215	. How old was ((If less than 1, w AND		died?	○ Don't kno	w	
		216		he die?		○ Don't kno	w	
	igodoldoldoldoldoldoldoldoldoldoldoldoldol				YEAR			
Was with	this son <i>ever</i> diagno	osed	NO	YES		is son <u>first</u> diagnosed give your best gues		
217.	breast cancer?		○ No ○ Don't know GO TO 219	○ Yes	AGE OR	YEAR	AGE: BEST GUESS	
218.	 breast cancer in the other breast (at the same or a different time)? 		○ No ○ Don't know	○ Yes	AGE OR	YEAR	AGE: BEST GUESS	
219.	19. prostate cancer?		○ No ○ Don't know	○ Yes	AGE OR	YEAR	AGE: BEST GUESS	
220.	20. pancreatic cancer? $^{\bigcirc}$ No $^{\bigcirc}$ Don			○ Yes	AGE OR	YEAR	AGE: BEST GUESS	

- 221. Is/was this son a twin, triplet, or other multiple?
 - \odot Yes, identical (monozygotic)
 - Yes, not identical (fraternal, dizygotic)
 - \odot Yes, don't know type

First name(s) of this son's twin/multiples:												
-												

 \circ No

If you have more than 3 sons, please answer the same questions for each son and record your answers on a separate sheet of paper.



OTHER RELATIVES

Finally we would like to know about your other biological relatives. <u>Please include only</u> <u>those relatives related to you by blood</u>. Do not include relatives related to you through marriage or adoption.

222. Have any of the following relatives been diagnosed with *breast cancer*? Mark all that apply.

On your mother's side:	On your father's side:	Children of siblings
\circ Mother's mother (your grandmother)	\circ Father's mother (your grandmother)	(Do not include children of spouse's siblings):
\circ Mother's father (your grandfather)	\odot Father's father (your grandfather)	
\circ Mother's sister (your aunt)	\odot Father's sister (your aunt)	○ Niece
\circ Mother's brother (your uncle)	\odot Father's brother (your uncle)	○ Nephew
		1

223. Have any of the following relatives been diagnosed with *ovarian cancer*? *Mark all that apply*.

On your mother's side:	On your father's side:	Children of siblings
\circ Mother's mother (your grandmother)	○ Father's mother (your grandmother)	(Do not include children of spouse's siblings):
\circ Mother's sister (your aunt)	○ Father's sister (your aunt)	
		○ Niece

224. Have any of the following relatives been diagnosed with *prostate cancer*? *Mark all that apply*.

On your mother's side:	On your father's side:	Children of siblings	
\odot Mother's father (your grandfather) \odot Mother's brother (your uncle)	 ○ Father's father (your grandfather) ○ Father's brother (your uncle) 	(Do not include children of spouse's siblings):	
		○ Nephew	

225. Have any of the following relatives been diagnosed with *pancreatic cancer*? Mark all that apply.

On your mother's side:	On your father's side:	Children of siblings
\odot Mother's mother (your grandmother)	\circ Father's mother (your grandmother)	(Do not include children of spouse's siblings):
\odot Mother's father (your grandfather)	\odot Father's father (your grandfather)	
$^{ m O}$ Mother's sister (your aunt)	\circ Father's sister (your aunt)	○ Niece
\odot Mother's brother (your uncle)	\odot Father's brother (your uncle)	○ Nephew



GENETIC TESTING

- 226. Have you had **BRCA1** genetic testing done?
 - Yes
 - No
 O Don't know
 GO TO QUESTION 233, NEXT PAGE
- 227. What type of test was this?
 - Search for any mutation (mutation search)
 - Search for a known family mutation (direct or predictive test)
 - Don't know
- 228. Were the results...
 - \odot Positive for BRCA1 (a mutation or rearrangement that increases risk)
 - \odot Negative for BRCA1 (no mutation or rearrangement that increases risk)
 - Inconclusive result
 - \odot Don't know
 - Prefer not to answer
- 229. How old were you when you had this test?

	<u>OR</u>			
AGE		YE	AR	

230. Why did you have the test? Mark all that apply.

\odot Family member diagnosed with <i>breast cancer</i> $ ightarrow$	231. What was his/her age Don't know when diagnosed?
\circ Family member diagnosed with <i>ovarian cancer</i> $ o$	232. What was his/her age ODon't know when diagnosed? AGE

- \circ I was diagnosed with breast cancer
- \odot I was diagnosed with ovarian cancer
- \odot Family member diagnosed with both breast and ovarian cancer
- Male family member diagnosed with breast cancer
- Ashkenazi Jewish heritage (usually Eastern European Jewish heritage)
- \odot Close family member was tested for BRCA1 or BRCA2
- Other, specify:



233. Have you had **BRCA2** genetic testing done?

○ Yes

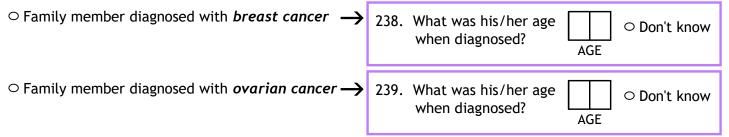
	-	
○ No		
\odot Don't know	J	\succ GO TO QUESTION 240, NEXT PAGE

- 234. What type of test was this?
 - Search for any mutation (mutation search)
 - Search for a known family mutation (direct or predictive test)
 - \odot Don't know
- 235. Were the results...
 - \odot Positive for BRCA2 (a mutation or rearrangement that increases risk)
 - \odot Negative for BRCA2 (no mutation or rearrangement that increases risk)
 - Inconclusive result
 - Don't know
 - Prefer not to answer
- 236. How old were you when you had this test?

		<u>OR</u>				
AGE			YEAR			

237. Why did you have the test? Mark all that apply.

\circ Same reason(s) as BRCA1 \rightarrow GO TO QUESTION 240, NEXT PAGE



- \odot I was diagnosed with breast cancer
- \circ I was diagnosed with ovarian cancer
- \odot Family member diagnosed with both breast and ovarian cancer
- \odot Male family member diagnosed with breast cancer
- Ashkenazi Jewish heritage (usually Eastern European Jewish heritage)
- \odot Close family member was tested for BRCA1 or BRCA2

 \circ Other, specify:

240. Have you had any genetic testing for breast, ovarian, or other cancer risk where multiple genes are tested at the same time (sometimes called genetic panels, cancer gene panels, hereditary cancer panels, or multigene testing)? *Examples of multigene testing panels are listed below*.

○ Yes	
○ No	
\circ Don't know	GO TO QUESTION 244, NEXT PAGE

241. What was the name of the test? Mark all that apply.

 BreastNext (Ambry Genetics) 	○ Breast Cancer High Risk Panel (Gene I
 OvaNext (Ambry Genetics) 	○ BRCAvantage Plus (Quest Diagnostics)
 CancerNext (Ambry Genetics) 	○ PANEXIA (Myriad Genetics)
 BRCAPlus (Ambry Genetics) 	\odot BROCA (University of Washington)
○ GYNPlus (Ambry Genetics)	\odot High Risk Hereditary Breast (Baylor)
\circ MyRisk (Myriad Genetics)	\circ Breast and Ovarian (Baylor)
\circ OncoGeneDx Custom Panel (Gene Dx)	○ High Risk Hereditary Breast (Invitae)
\odot OncoGeneDx High/Moderate Risk Panel (Gene Dx)	○ Women's Hereditary Cancers (Invitae)
\circ Comprehensive Cancer Panel (Gene Dx)	○ Custom Panel (Invitae)
○ Breast/Ovarian Cancer Panel (Gene Dx)	○ Don't know panel name

- \odot Other, specify:
- 242. Did you have positive results (a mutation or rearrangement that increases risk) for any of the genes in the multigene testing panels?

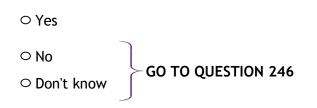
Yes
No
O Don't know
GO TO QUESTION 244, NEXT PAGE

243. For which genes did you have positive results (a mutation or rearrangement that increases risk)? *Mark all that apply.*

○ BRCA1	○ PALB2				
○ BRCA2	○ CDH1				
○ PTEN	○ STK11				
○ TP53	\odot Positive result but don't know gene name				
○ ATM					
○ Other, specify:					



244. Have you been told that any of the following biological relatives have had testing done for <u>BRCA1 or BRCA2</u>: mother, father, full sister, full brother, daughter or son?



245. Did any of these blood relatives have a positive result for <u>BRCA1 or BRCA2</u> (a mutation or rearrangement that increases risk)?

○ Yes

○ No

 \odot Don't know

○ Prefer not to answer

246. Have you been told that any of the following biological relatives have had <u>other genetic testing</u> done for <u>breast or ovarian cancer</u>: mother, father, full sister, full brother, daughter or son?

○ Yes

No
Don't know
GO TO QUESTION 248

247. Did any of these blood relatives have a positive result for <u>other genetic testing</u> for <u>breast or ovarian</u> <u>cancer</u> (a mutation or rearrangement that increases risk)?

 \circ Yes

○ No

 \odot Don't know

Prefer not to answer

248. Are you of Ashkenazi Jewish heritage? Persons of Ashkenazi Jewish heritage can usually trace their ancestry to Eastern Europe.

○ Yes, mother's side

 \circ Yes, father's side

 \circ Yes, both parents

○ No

○ Don't know

Prefer not to answer



Please check to see that all questions are answered.

Thank you for completing this questionnaire and for your continued participation in the Sister Study.

Please mail this form to us at the address below, using the postage-paid envelope we have provided.

The Sister Study, 4505 Emperor Blvd, Suite 400, Durham, NC 27703 phone: 1-877-4SISTER (1-877-474-7837); email: update@sisterstudy.org

