

The Sister Study Quality of Life and Special Topics Version 4

Instructions:

- Please use DARK BLUE OR BLACK BALLPOINT PEN.
- Mark only one answer for each question unless otherwise indicated.
- Follow the arrow from your response to find the next question.
- Only write comments in the spaces provided.
- Please keep this questionnaire clean, flat, and dry.
- Do not fold or tear any of the pages.

Fill in the bubbles COMPLETELY for each of the questions in this form.

Like this: ● Not like this: ⊗ ∅

If you must change an answer, please mark a single horizontal line through the incorrect answer and bubble in the correct answer completely.

Like this: - YES

Not like this: YES

Please write responses in all capital letters and numbers without touching the sides of the boxes.



Public reporting burden for this collection of information is estimated to average 20 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: NIH, Project Clearance Branch, 6705 Rockledge Drive, MSC 7974, Bethesda, MD 20892-7974, ATTN: PRA (0925-0522). Do not return the completed form to this address.

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



Your continued participation in the Sister Study is completely voluntary and greatly appreciated. If you are not comfortable answering a question, just skip it and go to the next one. All information you share will be kept confidential.

Please mark the category that best describes your response. There are no right or wrong answers. Try not to let your response to one statement influence your responses to other statements. Answer according to your own feelings, rather than how you think "most people" would answer. Don't take too long thinking over your replies; your immediate reaction will probably be more accurate than a long thought out response.



Please respond to each item by marking one answer per row.

	Excellent	Very good	Good	Fair	Poor
1. In general, would you say your health is	0	0	0	0	0
2. In general, would you say your quality of life is	0	0	0	0	0
3. In general, how would you rate your physical health?	0	0	0	0	0
4. In general, how would you rate your mental health, including your mood and your ability to think?	0	0	0	0	0
5. In general, how would you rate your satisfaction with your social activities and relationships?	0	0	0	0	0
 In general, please rate how well you carry out your usual social activities and roles. (This includes activities at home, at work and in your community, and responsibilities as a parent, child, spouse, employee, friend, etc.) 	0	0	0	0	0

- 7. To what extent are you able to carry out your everyday physical activities such as walking, climbing stairs, carrying groceries, or moving a chair?
 - Completely
 - Mostly
 - Moderately
 - A little
 - \odot Not at all



- 8. In the **past 7 days**, how often have you been bothered by emotional problems such as feeling anxious, depressed, or irritable?
 - Never
 - Rarely
 - \odot Sometimes
 - Often
 - Always
- 9. In the past 7 days, how would you rate your fatigue on average?
 - None
 - Mild
 - Moderate
 - Severe
 - Extremely severe

10. In the **past 7 days**, how would you rate your pain on average?

No pain									i	Worst maginabl pain	e
0	0	0	0	0	0	0	0	0	0	0	
0	1	2	3	4	5	6	7	8	9	10	

11. How often during the **past 30 days**, have you...

	Never	Almost Never	Some- times	Fairly often	Very often
a. felt that you were unable to control the important things in your life?	0	0	0	0	0
b. felt confident about your ability to handle your personal problems?	0	0	0	0	0
c. felt that things were going your way?	0	0	0	0	0
d. felt difficulties were piling up so high that you could not overcome them?	0	0	0	0	0

12. For each statement below, choose the answer that best indicates how often the statement is true for you.

	None of the time	A little of the time	Some of the time	Most of the time	All of the time
 a. I can count on someone to provide me with emotional support (someone to confide in about myself or a problem or who will listen to me when I need to talk). 	0	0	0	0	0
b. I can count on someone if I need help (for example, to take me to the doctor or help with daily chores if I am sick).	0	0	0	0	0
c. There is someone in my immediate family who believes in me and wants me to succeed.	0	0	0	0	0
d. There is someone in my immediate family who makes me feel important or special.	0	0	0	0	0

13. In general, how many relatives or friends do you feel close to (people you feel at ease with, can talk to about private matters, or call on for help)?

○ None

O 1-2

O 3-5

06-9

 \odot 10 or more



14. During the **past 12 months**, about how many hours **per week** on average did you provide care for children or grandchildren?

○ None → GO TO QUESTION 15

 1-8 hours 9-20 hours 21-40 hours 41 or more hours 	14a.	How stressful would you say it is to provide care for these children or grandchildren?	 ○ Not at all ○ A little ○ A moderate amount ○ A lot
	14b.	During the past 12 months, for whom did you provide such care? (<i>Please mark all</i> <i>that apply.</i>)	○ My children ○ My grandchildren ○ Other children

15. During the **past 12 months**, about how many hours **per week** on average did you provide care for an ill or disabled person? This might be a parent, child, sibling, spouse, partner, other relative, or personal friend.

○ None → GO TO THE NEXT PAGE, QUESTION 16

 1-8 hours 9-20 hours 21-40 hours 41 or more hours 	15a.	How stressful would you say it is to provide care for these disabled or ill individuals?	 ○ Not at all ○ A little ○ A moderate amount ○ A lot
	15b.	During the past 12 months, for whom did you provide such care? (<i>Please mark all that</i> <i>apply.</i>)	 Parent Child Sibling Spouse Partner Other relative Friend

Please use a ballpoint pen for this form



16. Below is a list of some of the ways you may have felt or behaved. During the **past week**, how often did you feel or act this way?

	Rarely or none of the time	A little of the time	A moderate amount of the time	Most or all of the time
a. I was bothered by things that usually don't bother me.	0	0	0	0
b. I had trouble keeping my mind on what I was doing.	0	0	0	0
c. I felt depressed.	0	0	0	0
d. I felt that everything I did was an effort.	0	0	0	0
e. I felt hopeful about the future.	0	0	0	0
f. I felt fearful.	0	0	0	0
g. My sleep was restless.	0	0	0	0
h. I was happy.	0	0	0	0
i. I felt lonely.	0	0	0	0
j. I could not "get going."	0	0	0	0



Since January 1, 2009, have you experienced the death of	NO	YES	a. Regardless of when this happened, how much distress or anxiety has this caused you in the past 4 weeks?
17. your spouse or partner?	O No	⊖ Yes	 None A little A moderate amount A lot
18. your sister with breast cancer?	⊖ No	⊖ Yes	 None A little A moderate amount A lot
19. another sibling?	⊖ No	⊖ Yes	 None A little A moderate amount A lot
20. a child?	○ No	⊖ Yes	 None A little A moderate amount A lot
21. a parent?	⊖ No	⊖ Yes	 None A little A moderate amount A lot
22. a close personal friend?	○ No	⊖ Yes	 None A little A moderate amount A lot



Since January 1, 2009, have you experienced	NO	YES	a. Regardless of when this happened, how much distress or anxiety has this caused you in the past 4 weeks?
23. a major illness that was life threatening or severely disabling to you?	⊖ No	⊖ Yes	 ○ None ○ A little ○ A moderate amount ○ A lot
24. the recurrence or worsening of your sister's breast cancer?	⊖ No	⊖ Yes	 ○ None ○ A little ○ A moderate amount ○ A lot
25. any other close relative's diagnosis of breast cancer?	⊖ No	⊖ Yes	 ○ None ○ A little ○ A moderate amount ○ A lot
26. a major change in, or serious difficulty with a personal relationship (such as a divorce, or child custody issues)?	○ No	⊖ Yes	 ○ None ○ A little ○ A moderate amount ○ A lot
27. serious financial or legal troubles such as arrest or bankruptcy (either you or another family member whose troubles would directly affect you)?	⊖ No	O Yes	 ○ None ○ A little ○ A moderate amount ○ A lot



28. In the **past 12 months**, have you had to quit, reduce your hours, or change your job because of your health or to meet the needs of your family?



29. In the **past 12 months**, have you been forced to leave your job, reduce your hours, or change your job for other reasons such as the economy?

○ No

○ Not applicable

 \circ Yes

- 30a. Are you currently unemployed and looking for work?
 - No

○ Yes

- 30b. Are you currently unemployed and not looking for work?
 - No
 - Yes



As people age, some begin to worry about their ability to think clearly, make decisions and remember things.

In the	e last several years	No	Yes	Don't Know	Not applicable
31.	have you noticed that your judgment (e.g., ability to make decisions and think clearly) is not as good as it used to be?	0	0	0	0
32.	has your interest in hobbies or activities decreased?	0	0	0	0
33.	have you noticed that you tend to repeat things over and over (questions, stories, or statements) more often than you used to?	0	0	0	0
34.	has it become harder to learn how to use a new tool, appliance or gadget (e.g., computer, microwave, remote control)?	0	0	0	0
35.	have you noticed more problems remembering the month or year?	0	0	0	0
36.	have you had more problems handling complicated financial affairs (e.g., balancing checkbook, preparing income taxes, paying bills) than you used to?	0	0	0	0
37.	has it become more difficult to remember appointments?	0	0	0	0
38.	do you notice more daily problems with thinking and/or memory?	0	0	0	0

Please answer the following questions about sleep.

39. To feel your best, how many hours of sleep do you need?



40. In the **past year**, how many hours of sleep per night on average did you typically get?





41. In the past month, how many hours of sleep per night on average did you typically get?



○ No

42. Do you have difficulty falling asleep or staying asleep on a regular basis?



43. Do you ever feel excessively sleepy during the day, even after getting your usual sleep?



44. Have you **ever** been told, or suspected yourself, that you seem to "act out your dreams" while asleep, for example, punching or flailing arms in the air, making running movements, shouting, or screaming?

GO TO NEXT PAGE, QUESTION 45

		, -	
⊖ Yes	44a.	How often do you do this?	 Less than 3 times in total Less than once a month 1 - 3 times a month Once a week More than once a week
	44b.	How old were you when you first knew you did this?	AGE



45. Has a doctor or other health professional **ever** told you that you have restless leg syndrome?

○ No ○ Yes

		IF YOU ANSWERED NO TO <i>BOTH</i> , GO TO QUESTION 58, PAGE 15	IF YOU ANSWERED YES TO <i>EITHER</i> OF THE ABOVE, GO TO QUESTION 48
47.	Do you have, or have you had, a recurrent need or urge to move your legs while you were sitting or lying down?	0	0
46.	Do you have, or have you had, recurrent uncomfortable feelings or sensations in your legs while you are sitting or lying down?	0	0
		No	Yes

If you answered Yes to either 46 or 47:

48. Are you more likely to have these feelings when you are resting (either sitting or lying down) or when you are physically active?

○ Resting

 \circ Active

49. If you get up or move around when you have these feelings do these feelings get any better while you actually keep moving?

 $\circ \mathrm{No}$

 \circ Yes

 \odot Don't know

- 50. Which times of day are these feelings in your legs **most** likely to occur? (*Please mark all that apply.*)
 - Morning
 - Mid-day
 - \circ Afternoon
 - \circ Evening
 - Night
 - \odot About equal at all times
- 51. Will simply changing leg position by itself **once** without continuing to move usually relieve these feelings?
 - \circ Usually relieves
 - Does <u>not</u> usually relieve
 - \odot Don't know
- 52. Are these feelings **ever** due to muscle cramps?



- 53. Do these feelings occur when sitting or when lying down?
 - \odot Only when sitting
 - \odot Only when lying down
 - \odot Both when sitting and when lying down
 - \circ Neither





- 54. When you experience the feelings in your legs, how **distressing** are they?
 - \odot Not at all distressing
 - \circ A little bit
 - \odot Moderately
 - Extremely distressing
- 55. In the **past 12 months**, how often did you experience these feelings in your legs? (*Please mark the best single answer*.)
 - \odot 6 times per week or daily
 - \circ 4 5 days per week
 - \odot 2 3 days per week
 - \odot 1 day per week
 - \odot 2 3 days per month
 - \circ 1 day per month or less
 - \circ Never
- 56. Approximately how old were you when you **first** noticed these feelings in your legs? (*Please write age.*)

57. Did you first notice these feelings during a pregnancy?





58. During the **past 12 months**, have you taken any vitamins or minerals regularly, at least once a month?

 \bigcirc No, not regularly \rightarrow GO TO PAGE 21, QUESTION 79

○ Yes, fairly regularly

During the past 12 months, have you taken	NO	YES	a. How often?	b. For how many years in all have you taken this?	c. Did you usually take types that
Multiple Vitamins 59. One A Day, Centrum, or Thera type multiple vitamins?	⊖ No	⊖ Yes	 A few days per month 1 - 3 days per week 4 - 6 days per week Every day 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years 	 contain minerals, iron, zinc, etc.? do not contain minerals? Don't know
60. Stress-tabs or B-Complex type multiple vitamins?	⊖ No	⊖ Yes	 A few days per month 1 - 3 days per week 4 - 6 days per week Every day 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years 	
61. Antioxidant combination-type multiple vitamins?	⊖ No	⊖ Yes	 A few days per month 1 - 3 days per week 4 - 6 days per week Every day 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years 	



During the past 12 months, have you taken	NO	YES	a. How often?	b. For how many years in all have you taken this?	c. How much did you usually take on the days you took it?
Single Vitamins and Minerals (not part of multiple vitamins)					
62. Vitamin A (not beta-carotene)?	⊖ No	⊖ Yes	 A few days per month 1 - 3 days per week 4 - 6 days per week Every day 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years 	 ○ Less than 8000 IU ○ 8000 IU ○ More than 8000 IU
63. Beta-carotene?	⊖ No	⊖ Yes	 A few days per month 1 - 3 days per week 4 - 6 days per week Every day 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years 	
64. Thiamin (B1)?	⊖ No	⊖ Yes	 A few days per month 1 - 3 days per week 4 - 6 days per week Every day 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years 	 Less than 100 mg 100-250 mg More than 250 mg
65. Niacin (B3)?	⊖ No	⊖ Yes	 A few days per month 1 - 3 days per week 4 - 6 days per week Every day 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years 	 Less than 500 mg 500 mg More than 500 mg



During the past 12 months, have you taken	NO	YES	a. How often?	b. For how many years in all have you taken this?	c. How much did you usually take on the days you took it?
Single Vitamins and Minerals (not part of multiple vitamins)					
66. Vitamin B6?	⊖ No	⊖ Yes	 A few days per month 1 - 3 days per week 4 - 6 days per week Every day 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years 	 Less than 100 mg 100 mg More than 100 mg
67. Vitamin B12?	⊖ No	⊖ Yes	 A few days per month 1 - 3 days per week 4 - 6 days per week Every day 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years 	 Less than 500 mcg 500 mcg 1000 mcg 2000 mcg More than 2000 mcg
68. Vitamin C?	⊖ No	⊖ Yes	 A few days per month 1 - 3 days per week 4 - 6 days per week Every day 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years 	 Less than 500 mg 500 mg 1000 mg More than 1000 mg
69. Vitamin D alone?	⊖ No	⊖ Yes	 A few days per month 1 - 3 days per week 4 - 6 days per week Every day 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years 	 Less than 2000 IU 2000 IU More than 2000 IU

			-	h	c
			a. How often?	b. For how many	c. How much did you
During the past 12 months,			now orten:	years in all have	usually take on the
have you taken	NO	YES		you taken this?	days you took it?
-				,	
Single Vitamins and Minerals (not part of multiple vitamins)					
70. Vitamin E?	O No	⊖ Yes	○ A few days	\odot Less than 1 year	○ Less than
			per month	○ 1 year	400 IU
			○ 1 - 3 days	\circ 2 years	0.400.00
			per week	\bigcirc 3 - 4 years	○ 400 IU
			-	\odot 5 - 9 years	O Mara than
			○ 4 - 6 days per week	\circ 10+ years	○ More than 400 IU
			per week	, , , , , , , , , , , , , , , , , , ,	
			○ Every day		
71. Folic acid, folate?	○ No	⊖ Yes	○ A few days	\odot Less than 1 year	\bigcirc Less than
			per month	○ 1 year	400 mcg
			○ 1 - 3 days	\odot 2 years	○ 400 mcg
			per week	○ 3 - 4 years	
			○ 4 - 6 days	\bigcirc 5 - 9 years	\odot More than
			per week	○ 10+ years	400 mcg
					-
			○ Every day		
72. Calcium plus vitamin D?	○ No	⊖ Yes	○ A few days	○ Less than 1 year	
			per month	○ 1 year	
			○ 1 - 3 days	\circ 2 years	
			per week	○ 3 - 4 years	
			○ 4 - 6 days	○ 5 - 9 years	
			per week	\odot 10+ years	
			○ Every day		
73. Calcium without	○ No	○ Yes	○ A few days	\odot Less than 1 year	○ Less than
vitamin D?			per month	○ 1 year	600 mg
			○ 1 - 3 days	\odot 2 years	○ 600 mg
			per week	○ 3 - 4 years	3
			○ 4 - 6 days	○ 5 - 9 years	\odot More than
			per week	\odot 10+ years	600 mg
			○ Every day		



			a.	b.	С.
			How often?	For how many	How much did you
During the past 12 months , have you taken		VEC		years in all have	usually take on the
-	NO	YES		you taken this?	days you took it?
Single Vitamins and Minerals (not part of multiple vitamins)					
74. Chromium?	⊖ No	⊖ Yes	○ A few days per month	 ○ Less than 1 year ○ 1 year 	○ Less than 200 mcg
			○ 1 - 3 days per week	 ○ 2 years ○ 3 - 4 years 	○ 200 - 1000 mcg
			○ 4 - 6 days per week	 ○ 5 - 9 years ○ 10+ years 	○ More than 1000 mcg
			○ Every day		
75. Iron?	⊖ No	⊖ Yes	○ A few days per month	O Less than 1 year	○ Less than 65 mg
			•	○ 1 year○ 2 years	
			○ 1 - 3 days per week	\bigcirc 3 - 4 years	○ 65 mg
			○ 4 - 6 days	○ 5 - 9 years	○ More than
			per week	\odot 10+ years	65 mg
			○ Every day		
76. Magnesium?	○ No	⊖ Yes	○ A few days	○ Less than 1 year	○ Less than
			per month	○ 1 year	250 mg
			○ 1 - 3 days per week	 ○ 2 years ○ 3 - 4 years 	○ 250 mg
			○ 4 - 6 days	\odot 5 - 9 years	○ More than
			per week	○ 10+ years	250 mg
			○ Every day		
77. Selenium?	⊖ No	⊖ Yes	○ A few days	○ Less than 1 year	○ Less than
			per month	○ 1 year	200 mcg
			○ 1 - 3 days per week	○ 2 years○ 3 - 4 years	○ 200 mcg
			○ 4 - 6 days per week	 ○ 5 - 9 years ○ 10+ years 	○ More than 200 mcg
			○ Every day		



During the past 12 months, have you taken	NO	YES	a. How often?	b. For how many years in all have you taken this?	c. How much did you usually take on the days you took it?
Single Vitamins and Minerals (not part of multiple vitamins)					
78. Zinc, alone or combined with something else?	⊖ No	⊖ Yes	 A few days per month 1 - 3 days per week 4 - 6 days per week Every day 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years 	 Less than 50 mg 50 mg More than 50 mg



In the past 12 months, did you take any of these supplements at least once a month?	NO	YES	a. How frequently did you take this?	b. For how many years in all have you taken this?
79. Black cohosh	⊖ No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
80. Chamomile	⊖ No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
81. Co-enzyme Q10 (CoQ10)	⊖ No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
82. Cod liver oil	⊖ No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
83. Cranberry pills	O No	O Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
84. DHEA	⊖ No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years



In the past 12 months , did you take any of these supplements at least once a month?	NO	YES	a. How frequently did you take this?	b. For how many years in all have you taken this?
85. Echinacea	O No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
86. Evening primrose oil	O No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
87. Fiber supplement	⊖ No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
88. Fish oil (EPA)	O No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
89. Flax seed/flax seed oil	○ No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
90. Garlic pills	O No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years



In the past 12 months, did you take any of these supplements at least once a month?	NO	YES	a. How frequently did you take this?	b. For how many years in all have you taken this?
91. Ginger	⊖ No	⊖ Yes	 ○ Less than 3 days per week ○ 3 - 5 days per week ○ 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
92. Ginkgo	⊖ No	⊖ Yes	 ○ Less than 3 days per week ○ 3 - 5 days per week ○ 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
93. Ginseng	⊖ No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
94. Glucosamine/Chondroitin	O No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
95. Kava Kava	O No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
96. Lecithin	⊖ No	⊖ Yes	 ○ Less than 3 days per week ○ 3 - 5 days per week ○ 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years

take	e past 12 months, did you any of these supplements ast once a month?	NO	YES	a. How frequently did you take this?	b. For how many years in all have you taken this?
97.	Lutein	○ No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
98.	Melatonin	○ No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
99.	Milk thistle	O No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
100.	Mixed carotenoids	○ No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
101.	Omega-3 or omega-3 fatty acids	O No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
102.	Probiotics/acidophilus	○ No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years



take a	past 12 months, did you any of these supplements st once a month?	NO	YES	a. How frequently did you take this?	b. For how many years in all have you taken this?
103.	Soy isoflavones	⊖ No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
104.	St. John's Wort	⊖ No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
105.	Turmeric capsules	⊖ No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
106.	Valerian	⊖ No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
107.	Something else	⊖ No	⊖ Yes	 Less than 3 days per week 3 - 5 days per week 6 - 7 days per week 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years



follov alter	you used any of the wing complementary or native practices within past 12 months?	NO	YES	a. How frequently?	b. For how many years in all?
108.	Juicing	⊖ No	⊖ Yes	 Less than once a month 1-4 times a month More than 4 times a month 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
109.	Acupuncture	⊖ No	⊖ Yes	 Less than once a month 1-4 times a month More than 4 times a month 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
110.	Yoga	⊖ No	⊖ Yes	 Less than once a month 1-4 times a month More than 4 times a month 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
111.	Spirituality, meditation, prayer	⊖ No	⊖ Yes	 Less than once a month 1-4 times a month More than 4 times a month 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
112.	Therapeutic touch/massage	⊖ No	⊖ Yes	 Less than once a month 1-4 times a month More than 4 times a month 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
113.	Tai chi	⊖ No	⊖ Yes	 Less than once a month 1-4 times a month More than 4 times a month 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years



follo ^v alter	you used any of the wing complementary or native practices within past 12 months?	NO	YES	a. How frequently?	b. For how many years in all?
114.	Qi gong	○ No	⊖ Yes	 Less than once a month 1-4 times a month More than 4 times a month 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
115.	Chiropractic	○ No	⊖ Yes	 Less than once a month 1-4 times a month More than 4 times a month 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
116.	Reiki	O No	⊖ Yes	 Less than once a month 1-4 times a month More than 4 times a month 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
117.	Biofeedback	O No	⊖ Yes	 Less than once a month 1-4 times a month More than 4 times a month 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
118.	Homeopathy	O No	⊖ Yes	 Less than once a month 1-4 times a month More than 4 times a month 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years
119.	Visualization/guided imagery	O No	⊖ Yes	 Less than once a month 1-4 times a month More than 4 times a month 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years



Have you used any of the following complementary or alternative practices within the past 12 months?	NO	YES	a. How frequently?	b. For how many years in all?
120. Deep breathing exercises	⊖ No	⊖ Yes	 Less than once a month 1-4 times a month More than 4 times a month 	 Less than 1 year 1 year 2 years 3 - 4 years 5 - 9 years 10+ years

- 121. Typically, how often do you have bowel movements?
 - \odot Less than once every other day
 - \odot Once every other day
 - \odot Once per day
 - \odot 2 or more times per day
- 122. How often do you use laxatives, not including fiber or fiber tabs?
 - Never
 - \circ Less than once a month
 - \odot 1 3 times per month
 - ○1 3 times per week
 - \circ 4 6 times per week
 - \odot Daily or more



Some people follow special diets as part of their lifestyle. Others change their diet when there is a change in their life or when they are trying to achieve a goal like losing weight.

of the follov	Since January 1, 2009, which (if any) of these special diets have you followed for longer than a month, other than during pregnancy?		YES	a. How long did you follow this diet?	b. Have you followed this diet for at least a month in the past year?
123.	High fiber	O No	⊖ Yes	 Less than 8 weeks 8 weeks - 1 year More than 1 year 	○ Yes ○ No
124.	Low fat	○ No	⊖ Yes	 Less than 8 weeks 8 weeks - 1 year More than 1 year 	○ Yes ○ No
125.	Restricted calories	⊖ No	⊖ Yes	 Less than 8 weeks 8 weeks - 1 year More than 1 year 	○ Yes ○ No
126.	Liquid/juice	⊖ No	⊖ Yes	 Less than 8 weeks 8 weeks - 1 year More than 1 year 	○ Yes ○ No
127.	Vegetarian	⊖ No	⊖ Yes	 Less than 8 weeks 8 weeks - 1 year More than 1 year 	○ Yes ○ No
128.	Low salt	⊖ No	⊖ Yes	 Less than 8 weeks 8 weeks - 1 year More than 1 year 	○ Yes ○ No
129.	Macrobiotic	○ No	⊖ Yes	 Less than 8 weeks 8 weeks - 1 year More than 1 year 	○ Yes ○ No
130.	Diabetic diet	⊖ No	⊖ Yes	 Less than 8 weeks 8 weeks - 1 year More than 1 year 	○ Yes ○ No
131.	Atkins	⊖ No	⊖ Yes	 Less than 8 weeks 8 weeks - 1 year More than 1 year 	○ Yes ○ No
132.	Zone (Barry Sears)	○ No	⊖ Yes	 Less than 8 weeks 8 weeks - 1 year More than 1 year 	○ Yes ○ No



Since January 1, 2009, which (if any) of these special diets have you followed for longer than a month, other than during pregnancy?		NO	YES	a. How long did you follow this diet?	b. Have you followed this diet for at least a month in the past year?
133.	Weight Watchers	⊖ No	⊖ Yes	 Less than 8 weeks 8 weeks - 1 year More than 1 year 	○ Yes ○ No
134.	Tried to gain weight	⊖ No	⊖ Yes	 Less than 8 weeks 8 weeks - 1 year More than 1 year 	○ Yes ○ No
135.	Diet with pre-prepared meals	⊖ No	⊖ Yes	 Less than 8 weeks 8 weeks - 1 year More than 1 year 	○ Yes ○ No
136.	Physician-based diet with special supplements such as puddings, beverages or vitamins	○ No	⊖ Yes	 Less than 8 weeks 8 weeks - 1 year More than 1 year 	○ Yes○ No
137.	South Beach diet	○ No	⊖ Yes	 Less than 8 weeks 8 weeks - 1 year More than 1 year 	○ Yes○ No
138.	Raw food diet	⊖ No	⊖ Yes	 Less than 8 weeks 8 weeks - 1 year More than 1 year 	○ Yes○ No
139.	HCG diet	○ No	⊖ Yes	 Less than 8 weeks 8 weeks - 1 year More than 1 year 	○ Yes○ No
140.	Other diet, please specify:	○ No	⊖ Yes	 Less than 8 weeks 8 weeks - 1 year More than 1 year 	○ Yes ○ No

	you ever had any of the following It loss procedures?	NO	YES	a. What age did you have this?
141.	Lap band	⊖ No	⊖ Yes	AGE
142.	Bariatric surgery	O No	⊖ Yes	AGE



143. Do you have, or have you ever had, a food allergy?

No
 Don't know
 GO TO PAGE 33, QUESTION 156

 \circ Yes

Do you have, or have you ever had, an allergy to the following foods?	NO	YES	b. Have you eaten this item in the past year?	C. Are you still allergic to this food?
144. Milk	⊖ No	 ○ Yes, it started <u>before</u> age 18 ○ Yes, it started age 18 or later → a. Age it started AGE 	○ No ○ Yes	○ No ○ Yes ○ Don't know
145. Egg	⊖ No	 ○ Yes, it started <u>before</u> age 18 ○ Yes, it started age 18 or later → a. Age it started AGE 	○ No ○ Yes	○ No ○ Yes ○ Don't know
146. Peanuts	⊖ No	 ○ Yes, it started <u>before</u> age 18 ○ Yes, it started age 18 or later → a. Age it started AGE 	○ No ○ Yes	○ No ○ Yes ○ Don't know
147. Other nuts	⊖ No	 ○ Yes, it started <u>before</u> age 18 ○ Yes, it started age 18 or later → a. Age it started AGE 	○ No ○ Yes	○ No ○ Yes ○ Don't know

Do you have, or have you ever had, an allergy to the following foods?	NO	YES	b. Have you eaten this item in the past year?	c. Are you still allergic to this food?
148. Shellfish	⊖ No	 ○ Yes, it started <u>before</u> age 18 ○ Yes, it started age 18 or later → a. Age it started AGE 	○ No ○ Yes	○ No ○ Yes ○ Don't know
149. Fish	○ No	 ○ Yes, it started <u>before</u> age 18 ○ Yes, it started age 18 or later → a. Age it started AGE 	○ No ○ Yes	○ No ○ Yes ○ Don't know
150. Any kind of fruit	○ No	 ○ Yes, it started <u>before</u> age 18 ○ Yes, it started age 18 or later → a. Age it started AGE 	○ No ○ Yes	○ No ○ Yes ○ Don't know
151. Wheat	⊖ No	 ○ Yes, it started <u>before</u> age 18 ○ Yes, it started age 18 or later → a. Age it started AGE 	○ No ○ Yes	○ No ○ Yes ○ Don't know
152. Soy	○ No	 ○ Yes, it started <u>before</u> age 18 ○ Yes, it started age 18 or later → a. Age it started AGE 	○ No ○ Yes	○ No ○ Yes ○ Don't know



Do you have, or have you ever had, an allergy to the following foods?	NO	YES	b. Have you eaten this item in the past year?	c. Are you still allergic to this food?
153. Rye	⊖ No	 ○ Yes, it started <u>before</u> age 18 ○ Yes, it started age 18 or later → a. Age it started AGE 	○ No ○ Yes	○ No ○ Yes ○ Don't know
154. Vegetable(s)	⊖ No	 ○ Yes, it started <u>before</u> age 18 ○ Yes, it started age 18 or later → a. Age it started AGE 	○ No ○ Yes	○ No ○ Yes ○ Don't know
155. Other food, specify:	⊖ No	 ○ Yes, it started <u>before</u> age 18 ○ Yes, it started age 18 or later → a. Age it started AGE 	○ No ○ Yes	○ No ○ Yes ○ Don't know

156. Do you have lactose intolerance?





157. During the past month, did you eat any hot or cold cereals?

○ No → GO TO NEXT PAGE, QUESTION 158

○ Yes

157a.	During the past month, how often did you eat hot or cold cereals? You can report per day, per week, or per month.
157b.	During the past month, what kind of cereal did you usually eat? Please record the name using the enclosed card. If your cereal is not listed, please enter the cereal name.
	FIRST CEREAL
157c.	Was there another cereal that you usually ate? ○ No → GO TO NEXT PAGE, QUESTION 158 ○ Yes
157d.	During the past month, what second kind of cereal did you usually eat? Please record the name using the enclosed card. If your cereal is not listed, please enter the cereal name.
	SECOND CEREAL



158. During the past month, did you have any **milk** (either to drink or on cereal)? Include regular milks, chocolate or other flavored milks, lactose-free milk, buttermilk. Do **not** include soy milk or small amounts of milk in coffee or tea.

○ No ○ Don't know	GO TO NEXT PAGE, QUESTION 159	
○ Yes	158a. During the past month, how often did you have any milk (either to drink or on cereal)? You can report per day, per week, or per month.	 Per day Per week # TIMES Per month
	158b. During the past month, what kind of milk did you usually drink? Pick one.	 Whole or regular milk Fat-free, skim, or non-fat milk 2% fat or reduced-fat milk Soy milk 1%, ½%, or low-fat milk Other, specify:



Durin	g the past month, did you	NO	YES	a. How often?
159.	drink any regular soda or pop that contains sugar? Do not include diet soda.	⊖ No	⊖ Yes	 Per day Per week # TIMES Per month
160.	drink any 100% pure fruit juices such as orange, mango, apple, grape and pineapple juices? Do not include fruit-flavored drinks with added sugar or fruit juice you made at home and added sugar to.	⊖ No	⊖ Yes	 Per day Per week # TIMES Per month
161.	drink any coffee or tea that had sugar or honey added to it? Include coffee and tea you sweetened yourself and presweetened tea and coffee drinks such as Arizona Iced Tea and Frappuccino. Do not include artificially sweetened coffee or diet tea.	⊖ No	⊖ Yes	 O Per day O Per week # TIMES O Per month
162.	drink any sweetened fruit drinks, sports or energy drinks, such as Kool-aid, lemonade, Hi-C, cranberry drink, Gatorade, Red Bull, or Vitamin Water? Include fruit juices you made at home and added sugar to. Do not include diet drinks or artificially sweetened drinks.	⊖ No	⊖ Yes	 O Per day O Per week # TIMES O Per month
163.	eat any fruit? Include fresh, frozen, or canned fruit. Do not include juices.	⊖ No	⊖ Yes	 Per day Per week # TIMES Per month
164.	eat a green leafy or lettuce salad , with or without other vegetables?	⊖ No	⊖ Yes	 Per day Per week # TIMES Per month
165.	eat any kind of fried potatoes including french fries, home fries, or hash brown potatoes?	⊖ No	⊖ Yes	 Per day Per week # TIMES Per month
166.	eat any other kind of potatoes, such as baked, boiled, mashed potatoes, sweet potatoes, or potato salad?	⊖ No	⊖ Yes	 Per day Per week # TIMES Per month
167.	eat any refried beans, baked beans, beans in soup, pork and beans or other cooked dried beans? Do not include green beans.	⊖ No	O Yes	 Per day Per week # TIMES Per month
168.	eat any brown rice or other cooked whole grains, such as bulgur, cracked wheat, or millet? Do not include white rice.	⊖ No	⊖ Yes	 Per day Per week # TIMES Per month



Durin	g the past month, did you	NO	YES	a. How often?
169.	eat any other vegetables? Do not include green salads, potatoes, and cooked dried beans.	⊖ No	⊖ Yes	 Per day Per week # TIMES Per month
170.	eat any Mexican-type salsa made with tomato?	⊖ No	⊖ Yes	 Per day Per week # TIMES Per month
171.	eat any pizza? Include frozen pizza, fast food pizza, and homemade pizza.	○ No	⊖ Yes	 Per day Per week # TIMES Per month
172.	have any tomato sauces such as with spaghetti or noodles or mixed into foods such as lasagna? Do not count tomato sauce on pizza.	O No	⊖ Yes	 O Per day O Per week # TIMES O Per month
173.	eat any kind of cheese ? Include cheese as a snack, cheese on burgers, sandwiches, and cheese in foods such as lasagna, quesadillas, or casseroles. Do not include cheese on pizza.	⊖ No	⊖ Yes	 O Per day O Per week # TIMES O Per month
174.	eat any red meat , such as beef, pork, ham, or sausage? Do not include chicken, turkey or seafood. Include red meat you had in sandwiches, lasagna, stew, and other mixtures. Red meats may also include veal, lamb, and any lunch meats made with these meats.	⊖ No	⊖ Yes	 O Per day O Per week # TIMES O Per month
175.	eat any processed meat , such as bacon, lunch meats, or hot dogs? Include processed meats you had in sandwiches, soups, pizza, casseroles, and other mixtures. Processed meats are those preserved by smoking, curing, or salting, or by the addition of preservatives. Examples are: ham, bacon, pastrami, salami, sausages, bratwursts, frankfurters, hot dogs, and spam.	⊖ No	O Yes	 Per day Per week # TIMES Per month
176.	eat any whole grain bread including toast, rolls and in sandwiches? Whole grain breads include whole wheat, rye, oatmeal and pumpernickel. Do not include white bread.	⊖ No	⊖ Yes	 Per day Per week # TIMES Per month
177.	eat any chocolate or any other types of candy? Do not include sugar-free candy.	○ No	⊖ Yes	 Per day Per week # TIMES Per month



During the past month, did you		NO	YES	a. How often?
178.	eat any doughnuts, sweet rolls, Danish, muffins, <i>pan dulce</i> or pop-tarts? Do not include sugar-free items.	⊖ No	⊖ Yes	 Per day Per week # TIMES Per month
179.	eat any cookies, cake, pie, or brownies? Do not include sugar-free kinds.	⊖ No	⊖ Yes	 Per day Per week # TIMES Per month
180.	eat any ice cream or other frozen desserts? Do not include sugar-free kinds.	⊖ No	⊖ Yes	 Per day Per week # TIMES Per month
181.	eat any popcorn?	⊖ No	⊖ Yes	 Per day Per week # TIMES Per month



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. A postage-paid envelope is provided.

The Sister Study, 1009 Slater Road, Suite 120, Durham, NC 27703 phone: 1-877-4SISTER (1-877-474-7837); email: update@sisterstudy.org



